

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041596.D
 Acq On : 16 Sep 2024 15:56
 Operator : SY/MD
 Sample : VSTDIC0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 17 04:28:41 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 02:32:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1150062	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3120058	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	2779435	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	2086516	9.823	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	18436	0.094	ppbv	94
3) Chlorodifluoromethane	2.661	51	13078	0.095	ppbv	100
4) Chloromethane	2.800	50	7604	0.103	ppbv #	87
5) Vinyl Chloride	2.890	62	102	0.001	ppbv #	42
6) Bromomethane	3.108	94	2203	0.060	ppbv	98
7) Chloroethane	3.182	64	1779	0.071	ppbv	99
8) Dichlorotetrafluoroethane	2.841	85	15470	0.088	ppbv	98
9) Propene	2.681	41	4067	0.064	ppbv #	15
10) Heptane	7.558	43	4131	0.029	ppbv #	28
11) Trichlorofluoromethane	3.549	101	14387	0.081	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.057	101	11761	0.092	ppbv	98
13) Ethanol	3.246	45	165	0.031	ppbv #	37
14) Bromoethene	3.356	108	3315	0.067	ppbv #	66
15) Acetone	3.484	43	16017	0.122	ppbv #	86
16) 1,3-Butadiene	2.973	39	5639	0.080	ppbv	94
17) tert-Butyl alcohol	3.861	59	155	0.001	ppbv #	71
18) 1,1-Dichloroethene	3.864	96	2921	0.053	ppbv #	77
19) Isopropyl Alcohol	3.574	45	580	0.008	ppbv #	92
20) Methylene Chloride	3.912	84	4794	0.098	ppbv #	92
21) Allyl Chloride	3.983	41	6329	0.074	ppbv	86
22) trans-1,2-Dichloroethene	4.423	96	1204	0.022	ppbv #	35
23) Vinyl Acetate	4.616	43	1474	0.015	ppbv #	76
24) 1,1-Dichloroethane	4.549	63	9657	0.081	ppbv #	93
25) Ethyl Acetate	5.205	43	17172	0.065	ppbv #	94
26) Hexane	5.195	57	4809	0.044	ppbv #	1
27) Carbon Disulfide	4.111	76	7433	0.059	ppbv #	40
28) Methyl tert-Butyl Ether	4.578	73	1621	0.024	ppbv #	51
29) Chloroform	5.259	83	858	0.005	ppbv	94
30) Cyclohexane	6.587	84	875	0.010	ppbv #	1
31) cis-1,2-Dichloroethene	5.060	61	6347	0.060	ppbv #	84
32) 1,1,1-Trichloroethane	5.986	97	5745	0.033	ppbv #	1
34) 2-Butanone	4.774	43	633	0.004	ppbv #	55
35) Carbon Tetrachloride	6.484	117	3144	0.018	ppbv	90
36) Benzene	6.349	78	7905	0.035	ppbv	98
37) 1,2-Dichloroethane	5.790	62	5989	0.047	ppbv #	74
38) Trichloroethene	7.272	130	5664	0.053	ppbv #	62
39) 1,2-Dichloropropane	6.684	63	8896	0.101	ppbv #	23
40) 1,4-Dioxane	7.243	88	81	0.002	ppbv #	1
41) Tetrahydrofuran	5.552	42	157	0.002	ppbv #	38
42) Bromodichloromethane	7.233	83	11844	0.064	ppbv #	75
43) Methyl Methacrylate	7.459	69	1171	0.014	ppbv #	1
44) 2,2,4-Trimethylpentane	7.304	57	15193	0.040	ppbv #	49
45) t-1,3-Dichloropropene	8.687	75	1347	0.019	ppbv #	66

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

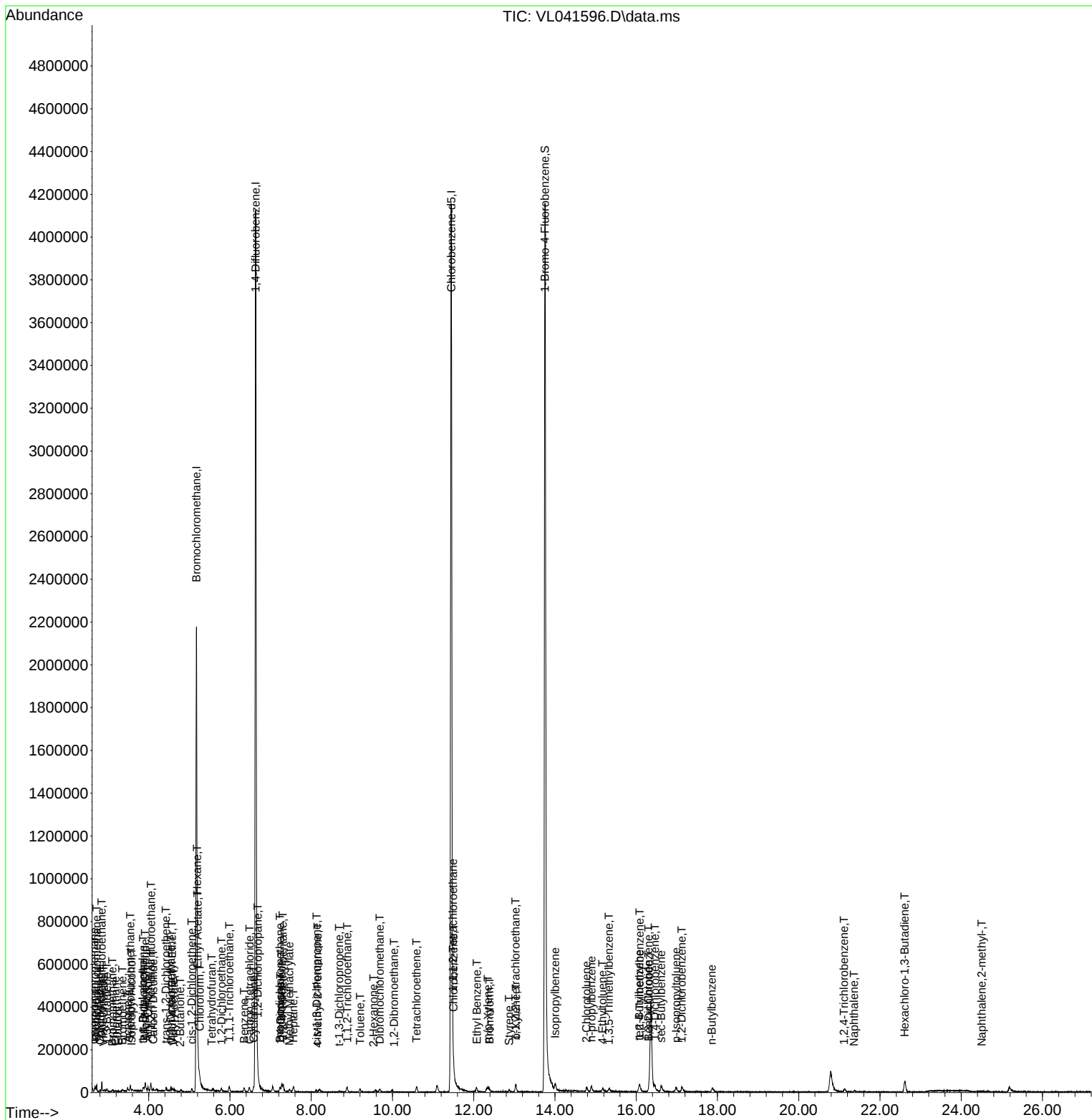
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 ClientSampleId :

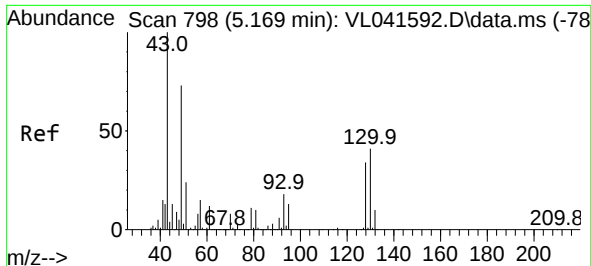
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 02:32:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.134	75	1784	0.017	ppbv	87
47) 1,1,2-Trichloroethane	8.886	97	4401	0.046	ppbv #	73
48) Dibromochloromethane	9.690	129	4475	0.029	ppbv #	31
49) Bromoform	12.391	173	1676	0.013	ppbv #	26
50) 4-Methyl-2-Pentanone	8.159	43	106	0.000	ppbv #	40
51) 2-Hexanone	9.536	43	174	0.001	ppbv #	31
52) Tetrachloroethene	10.590	164	4554	0.052	ppbv	84
53) Toluene	9.208	91	3587	0.014	ppbv #	20
54) 1,2-Dibromoethane	10.037	107	145	0.001	ppbv	94
56) 1,1,1,2-Tetrachloroethane	11.491	131	3381	0.031	ppbv #	9
57) Chlorobenzene	11.503	112	16604	0.083	ppbv #	77
58) Ethyl Benzene	12.076	91	4719	0.015	ppbv	90
59) m/p-Xylene	12.346	91	4154	0.015	ppbv #	1
60) o-Xylene	13.044	91	6339	0.024	ppbv #	41
61) Styrene	12.873	104	3318	0.028	ppbv #	39
62) Isopropylbenzene	14.005	105	10873	0.027	ppbv #	45
63) 1,1,2,2-Tetrachloroethane	13.031	83	5172	0.032	ppbv #	2
64) n-propylbenzene	14.899	120	1929	0.019	ppbv #	1
65) tert-Butylbenzene	16.072	119	6329	0.018	ppbv #	1
66) Benzyl Chloride	16.304	91	137	0.006	ppbv #	63
67) sec-Butylbenzene	16.616	105	4010	0.008	ppbv #	59
69) p-Isopropyltoluene	16.982	119	7381	0.018	ppbv #	46
70) n-Butylbenzene	17.857	91	3173	0.008	ppbv #	33
71) 2-Chlorotoluene	14.777	91	2167	0.007	ppbv #	42
72) 4-Ethyltoluene	15.169	105	3243	0.010	ppbv #	12
73) 1,3,5-Trimethylbenzene	15.323	105	1782	0.007	ppbv #	48
74) 1,2,4-Trimethylbenzene	16.085	105	1270	0.004	ppbv #	26
75) 1,3-Dichlorobenzene	16.304	146	2710	0.014	ppbv #	24
76) 1,4-Dichlorobenzene	16.458	146	6250	0.033	ppbv #	11
77) 1,2-Dichlorobenzene	17.117	146	3756	0.020	ppbv #	23
78) Hexachloro-1,3-Butadiene	22.606	225	2427	0.015	ppbv #	1
79) Naphthalene	21.361	128	1695	0.006	ppbv #	81
80) Naphthalene,2-methyl-	24.506	142	977	0.005	ppbv	87
81) 1,2,4-Trichlorobenzene	21.117	180	462	0.003	ppbv #	12

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

Quant Time: Sep 17 04:28:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
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QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration

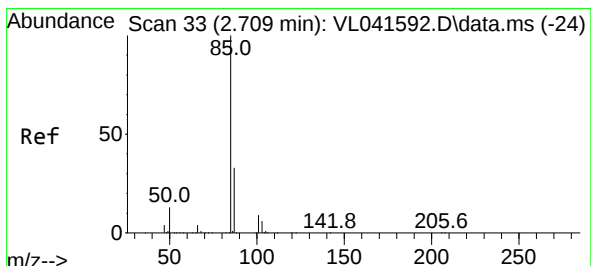
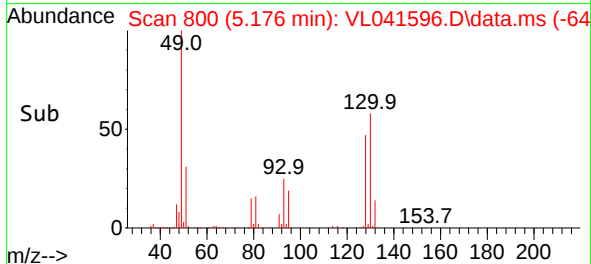
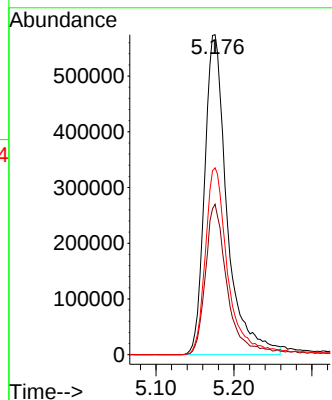
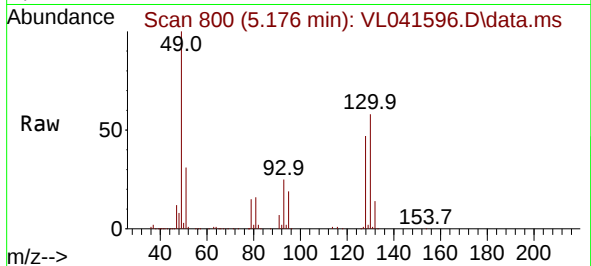




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.176 min Scan# 80
 Delta R.T. 0.007 min
 Lab File: VL041596.D
 Acq: 16 Sep 2024 15:56

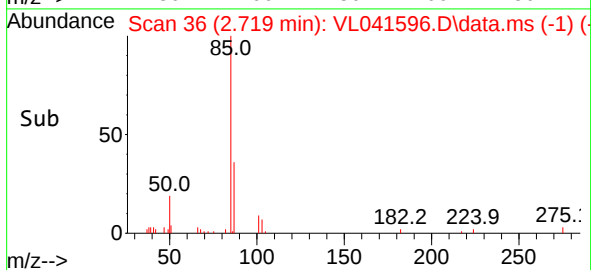
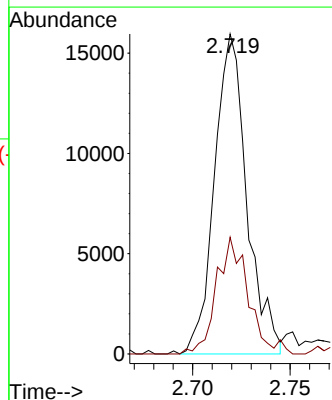
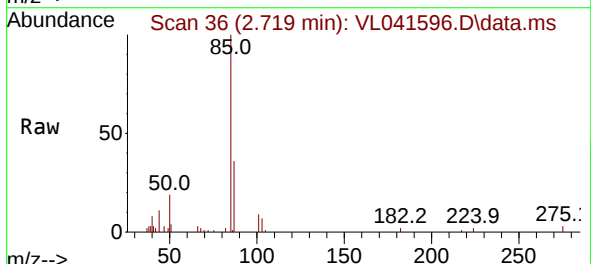
Instrument :
 MSVOA_L
 ClientSampleId :

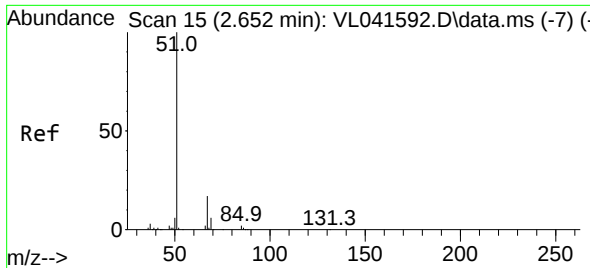
Tgt Ion: 49 Resp: 1150062
 Ion Ratio Lower Upper
 49 100
 128 46.6 23.8 71.5
 130 60.6 30.4 91.3



#2
 Dichlorodifluoromethane
 Concen: 0.094 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. 0.010 min
 Lab File: VL041596.D
 Acq: 16 Sep 2024 15:56

Tgt Ion: 85 Resp: 18436
 Ion Ratio Lower Upper
 85 100
 87 36.4 26.3 39.5

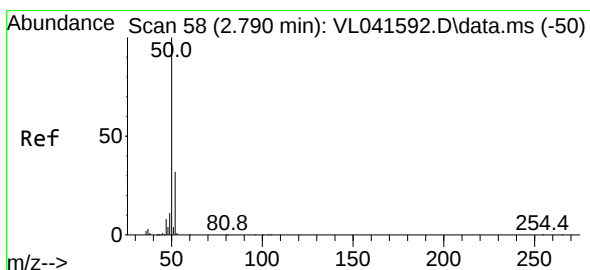
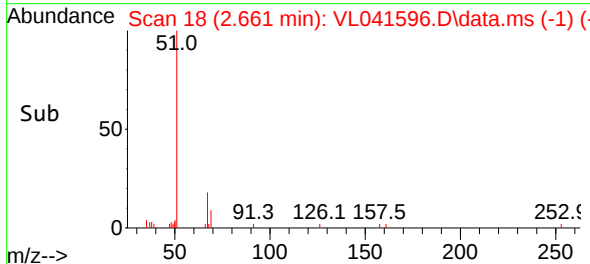
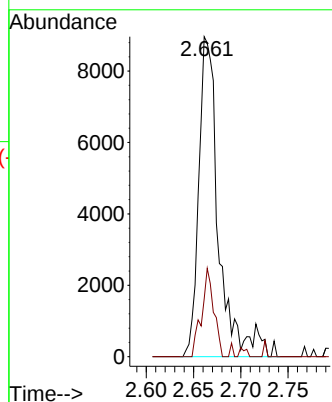
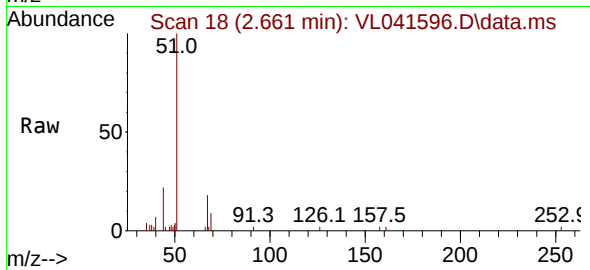




#3
Chlorodifluoromethane
Concen: 0.095 ppbv
RT: 2.661 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

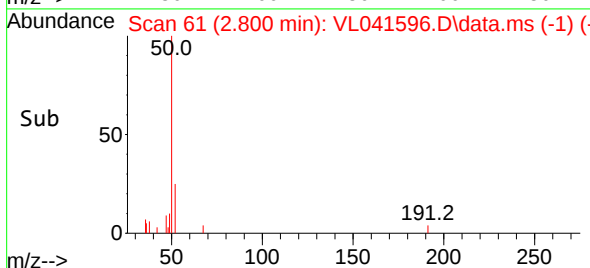
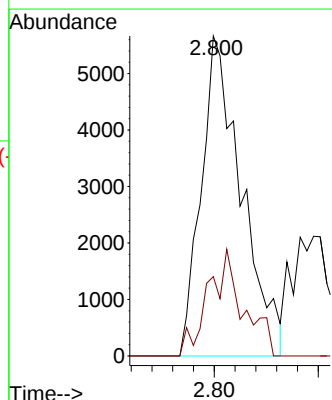
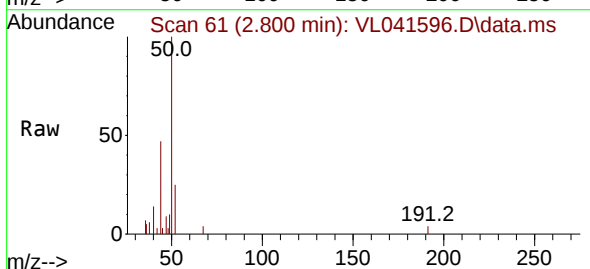
Instrument :
MSVOA_L
ClientSampleId :

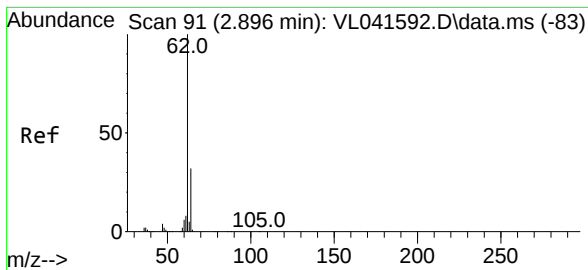
Tgt Ion: 51 Resp: 13078
Ion Ratio Lower Upper
51 100
67 17.5 14.1 21.1



#4
Chloromethane
Concen: 0.103 ppbv
RT: 2.800 min Scan# 61
Delta R.T. 0.010 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 50 Resp: 7604
Ion Ratio Lower Upper
50 100
52 24.8 25.4 38.2#

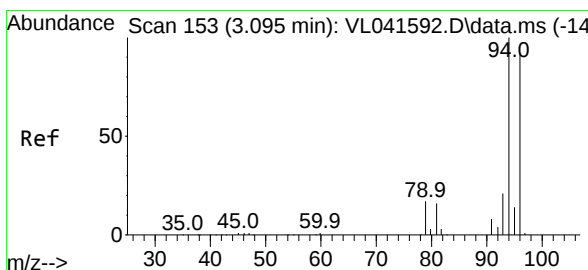
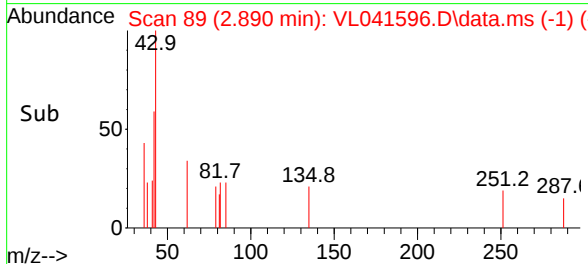
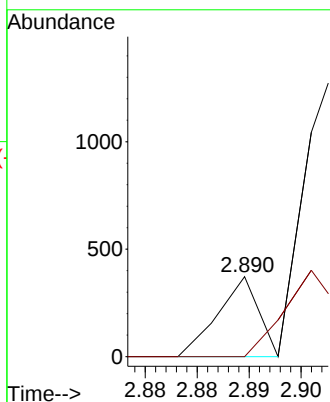
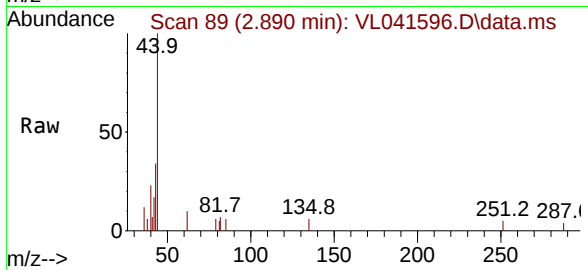




#5
 Vinyl Chloride
 Concen: 0.001 ppbv
 RT: 2.890 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: VL041596.D
 Acq: 16 Sep 2024 15:56

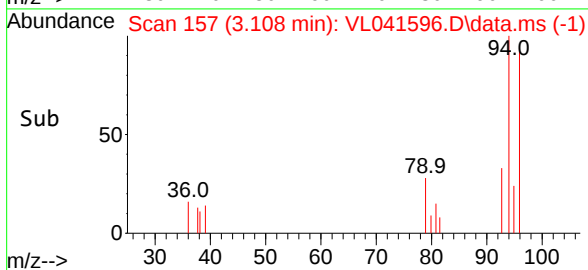
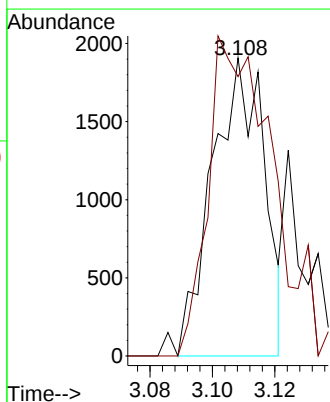
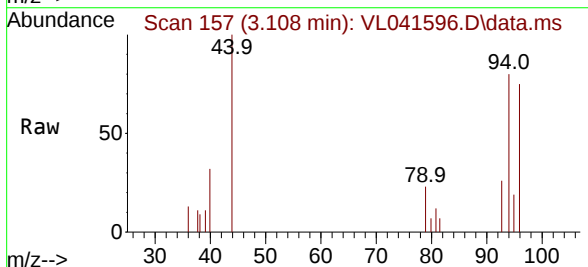
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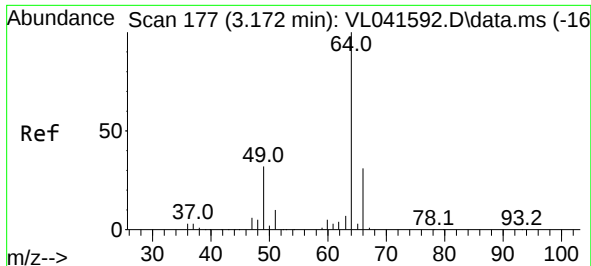
Tgt Ion: 62 Resp: 102
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.0 39.0#



#6
 Bromomethane
 Concen: 0.060 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. 0.013 min
 Lab File: VL041596.D
 Acq: 16 Sep 2024 15:56

Tgt Ion: 94 Resp: 2203
 Ion Ratio Lower Upper
 94 100
 96 93.7 73.4 110.2

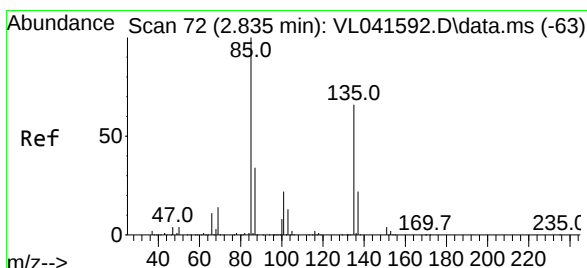
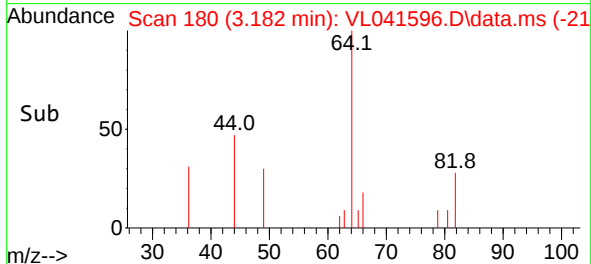
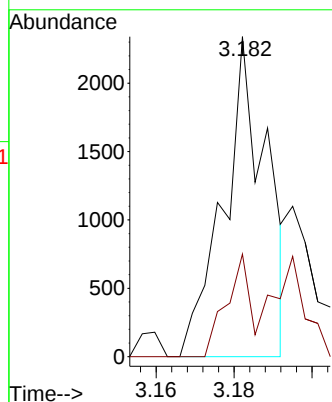
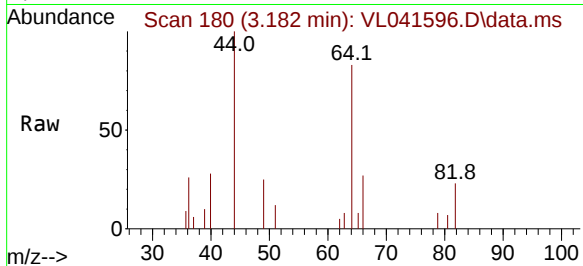




#7
Chloroethane
Concen: 0.071 ppbv
RT: 3.182 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

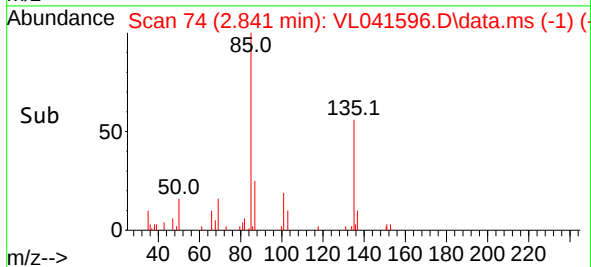
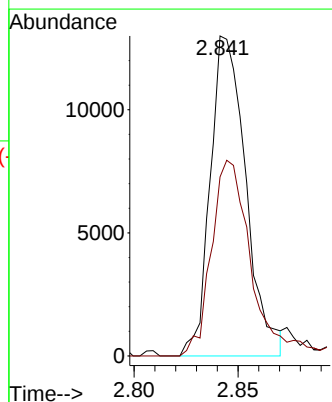
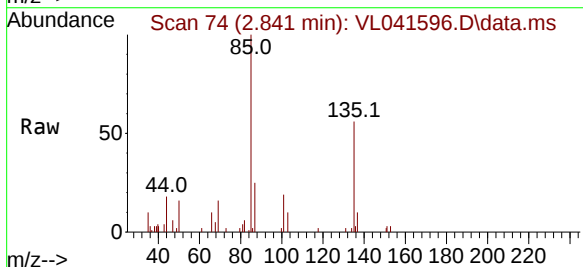
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MSVOA_L
ClientSampleId :

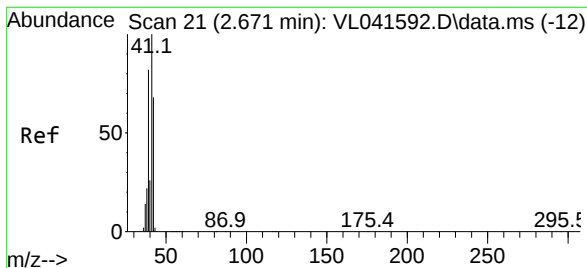
Tgt Ion: 64 Resp: 1779
Ion Ratio Lower Upper
64 100
66 32.1 25.1 37.7



#8
Dichlorotetrafluoroethane
Concen: 0.088 ppbv
RT: 2.841 min Scan# 74
Delta R.T. 0.006 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 85 Resp: 15470
Ion Ratio Lower Upper
85 100
135 69.4 53.9 80.9





#9

Propene

Concen: 0.064 ppbv

RT: 2.681 min Scan# 24

Delta R.T. 0.010 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

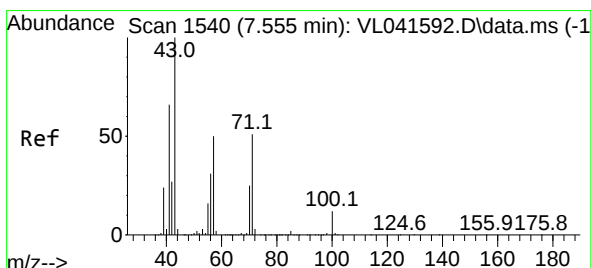
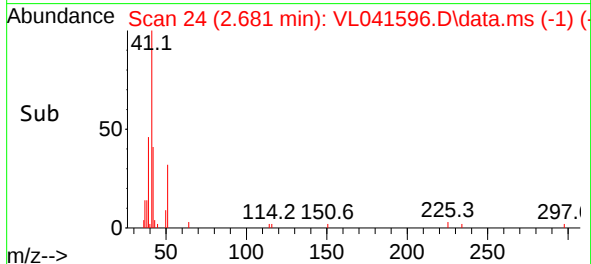
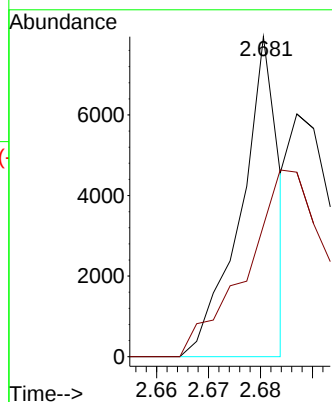
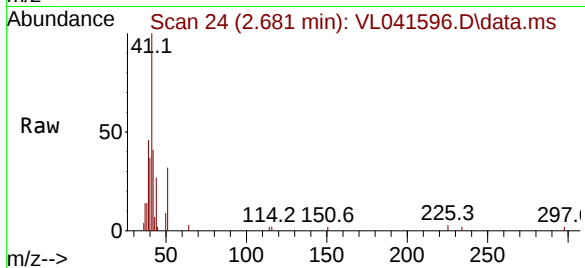
ClientSampleId :

Tgt Ion: 41 Resp: 4067

Ion Ratio Lower Upper

41 100

42 0.0 55.2 82.8#



#10

Heptane

Concen: 0.029 ppbv

RT: 7.558 min Scan# 1541

Delta R.T. 0.003 min

Lab File: VL041596.D

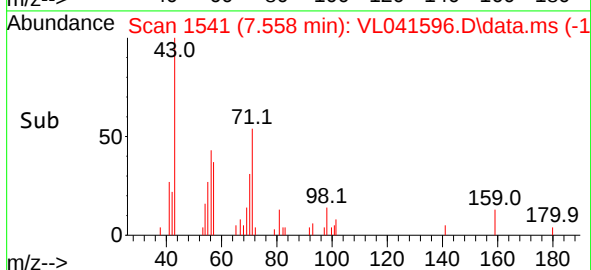
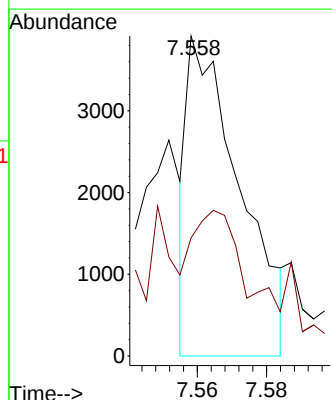
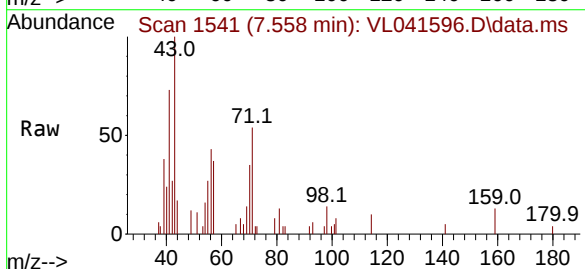
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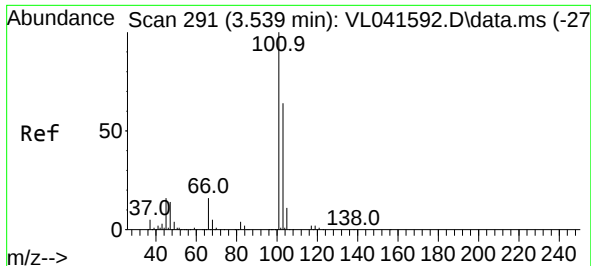
Tgt Ion: 43 Resp: 4131

Ion Ratio Lower Upper

43 100

57 0.0 39.8 59.8#

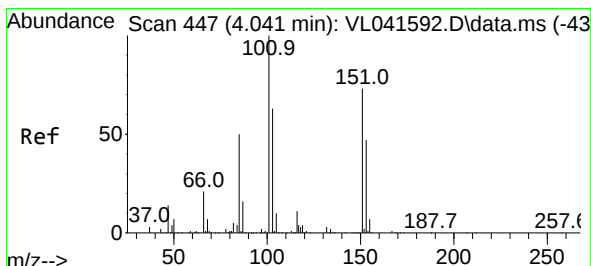
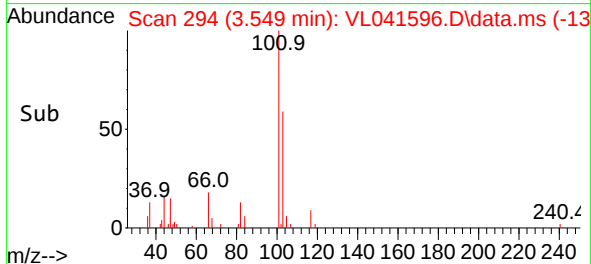
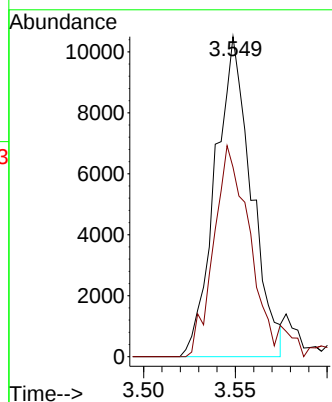
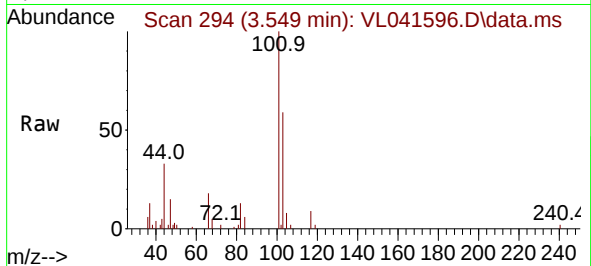




#11
 Trichlorofluoromethane
 Concen: 0.081 ppbv
 RT: 3.549 min Scan# 291
 Delta R.T. 0.010 min
 Lab File: VL041596.D
 Acq: 16 Sep 2024 15:56

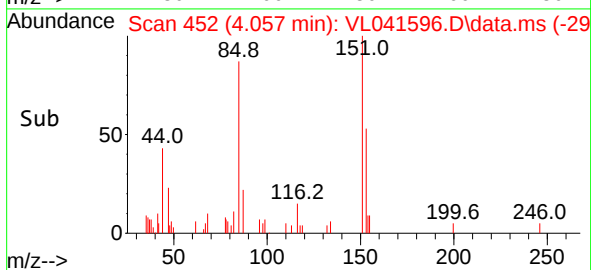
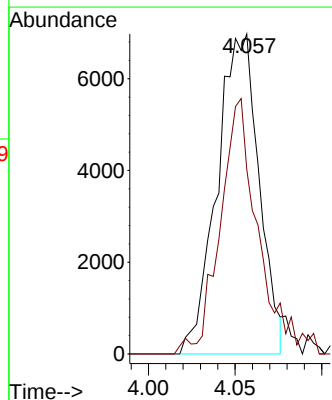
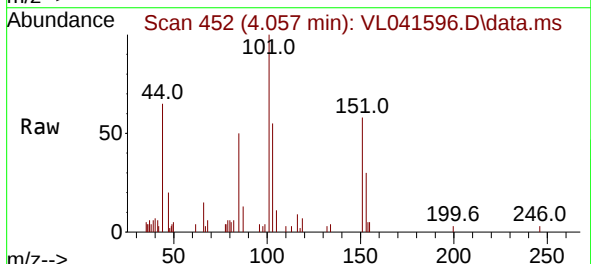
Instrument :
 MSVOA_L
 ClientSampleId :

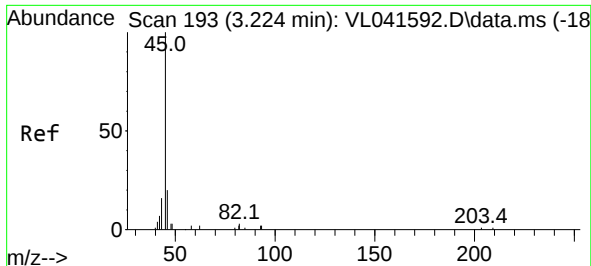
Tgt Ion:101 Resp: 14387
 Ion Ratio Lower Upper
 101 100
 103 59.2 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.092 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.016 min
 Lab File: VL041596.D
 Acq: 16 Sep 2024 15:56

Tgt Ion:101 Resp: 11761
 Ion Ratio Lower Upper
 101 100
 151 72.8 59.4 89.2

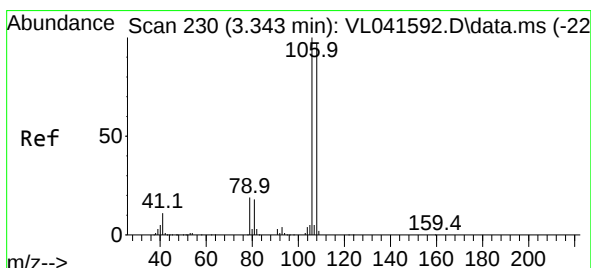
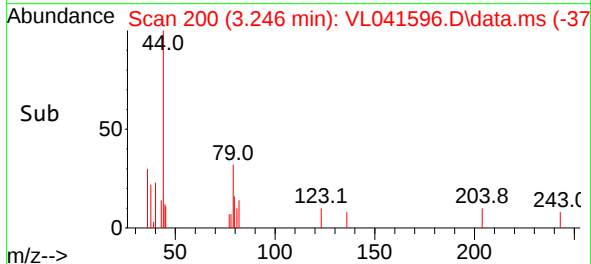
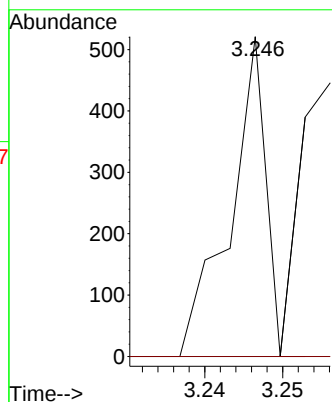
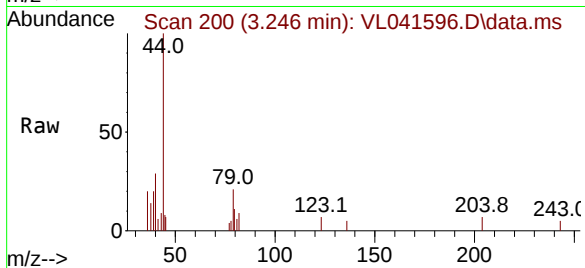




#13
 Ethanol
 Concen: 0.031 ppbv
 RT: 3.246 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: VL041596.D
 Acq: 16 Sep 2024 15:56

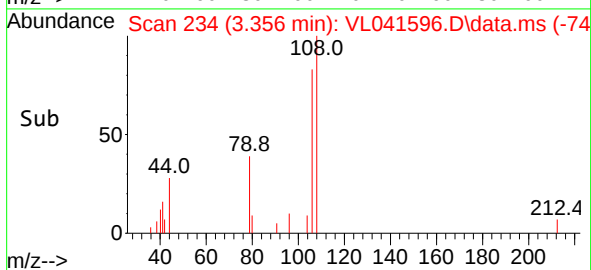
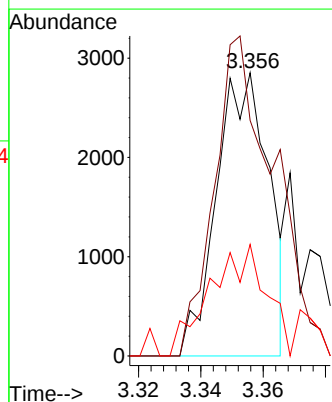
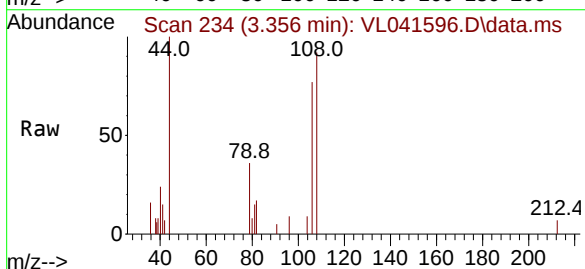
Instrument :
 MSVOA_L
 ClientSampleId :

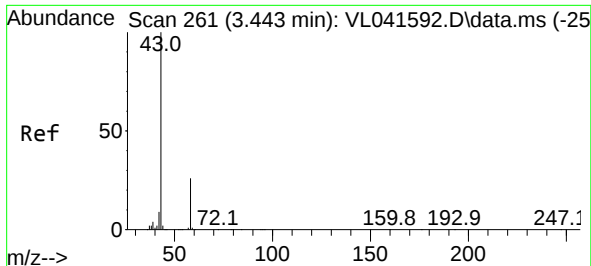
Tgt Ion: 45 Resp: 165
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.2 60.8#



#14
 Bromoethene
 Concen: 0.067 ppbv
 RT: 3.356 min Scan# 234
 Delta R.T. 0.013 min
 Lab File: VL041596.D
 Acq: 16 Sep 2024 15:56

Tgt Ion: 108 Resp: 3315
 Ion Ratio Lower Upper
 108 100
 106 135.7 86.5 129.7#
 79 56.0 16.2 24.4#

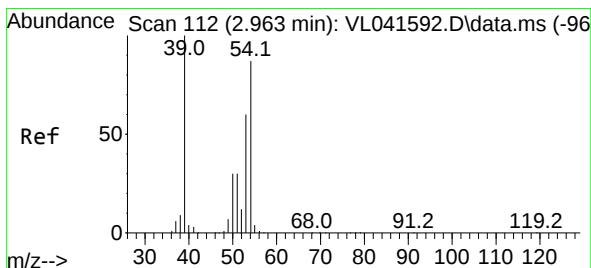
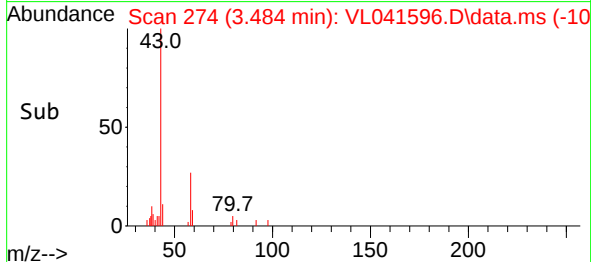
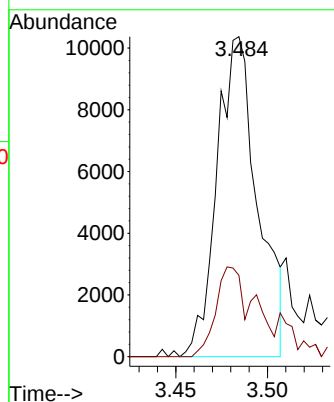
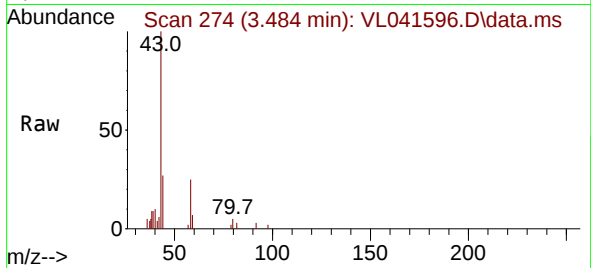




#15
Acetone
Concen: 0.122 ppbv
RT: 3.484 min Scan# 21
Delta R.T. 0.042 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

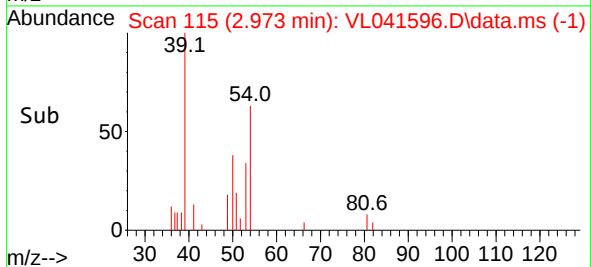
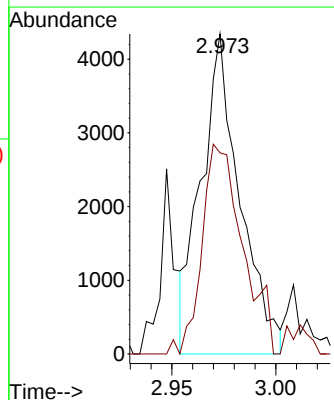
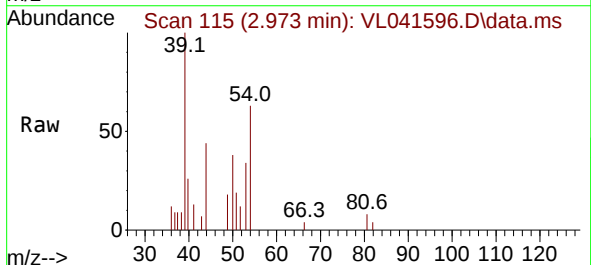
Instrument :
MSVOA_L
ClientSampleId :

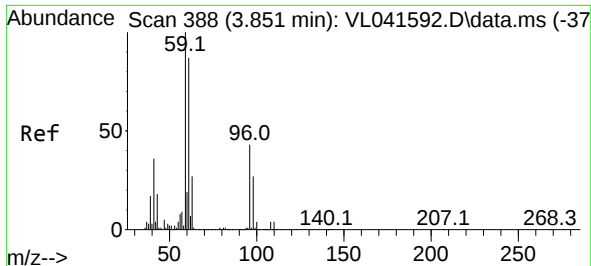
Tgt Ion: 43 Resp: 16017
Ion Ratio Lower Upper
43 100
58 34.4 21.5 32.3#



#16
1,3-Butadiene
Concen: 0.080 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.010 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 39 Resp: 5639
Ion Ratio Lower Upper
39 100
54 73.4 62.9 94.3





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.010 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

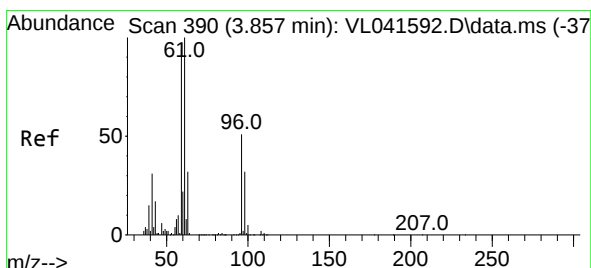
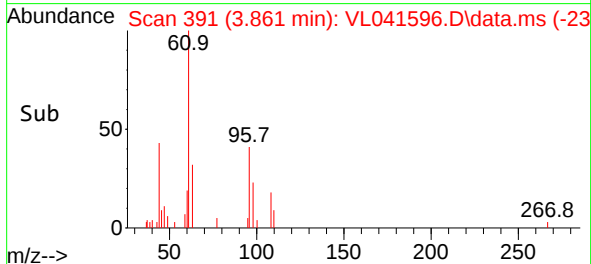
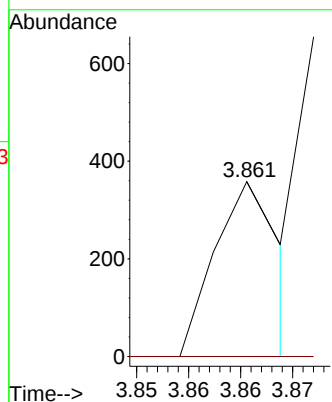
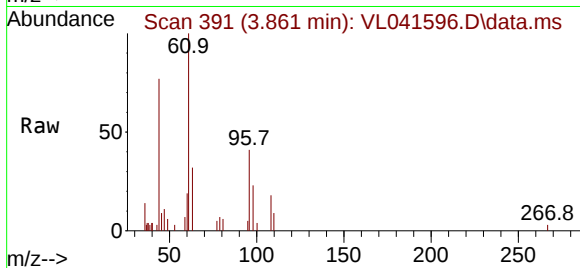
ClientSampleId :

Tgt Ion: 59 Resp: 155

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.053 ppbv

RT: 3.864 min Scan# 392

Delta R.T. 0.006 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

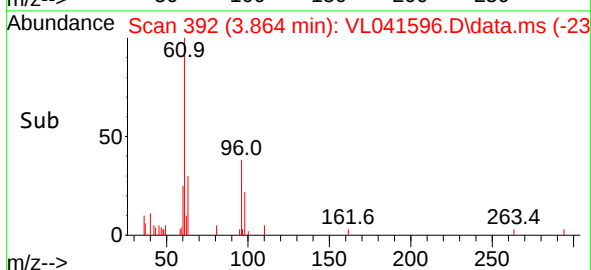
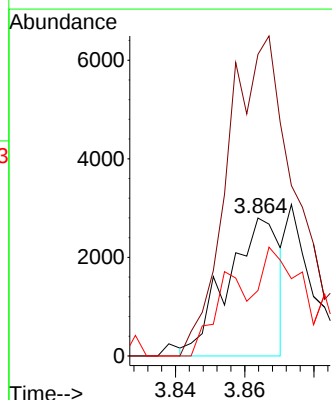
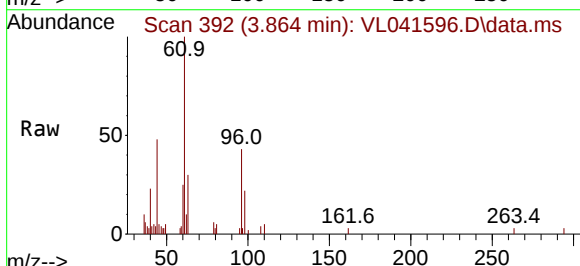
Tgt Ion: 96 Resp: 2921

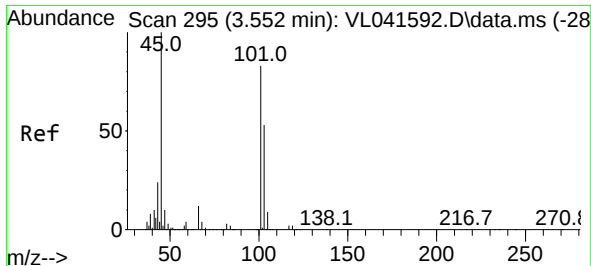
Ion Ratio Lower Upper

96 100

61 232.0 155.6 233.4

98 50.3 50.6 75.8#





#19

Isopropyl Alcohol

Concen: 0.008 ppbv

RT: 3.574 min Scan# 302

Delta R.T. 0.023 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

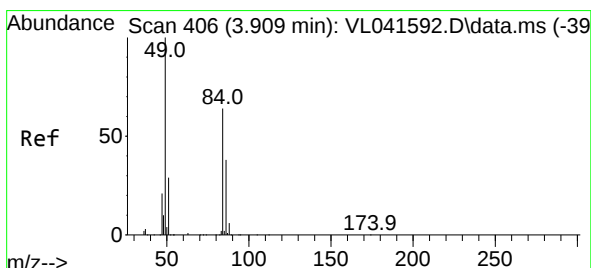
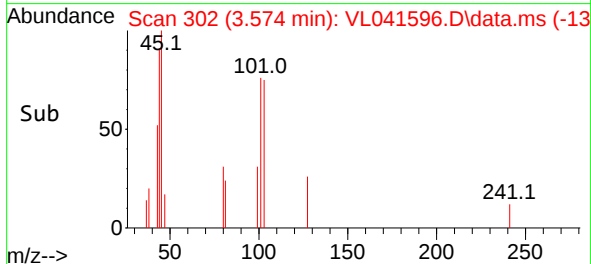
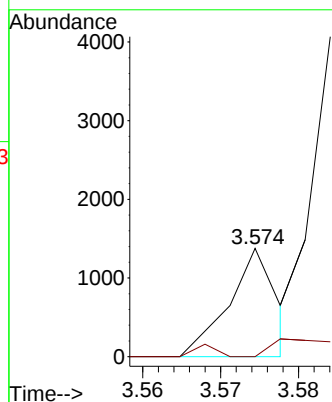
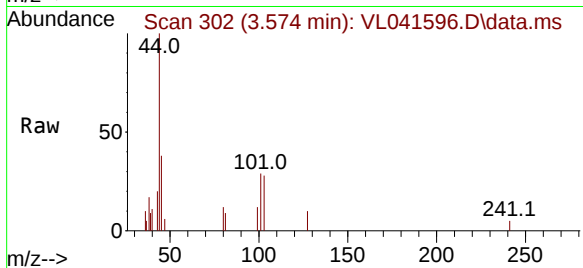
ClientSampleId :

Tgt Ion: 45 Resp: 580

Ion Ratio Lower Upper

45 100

58 0.0 2.1 3.1#



#20

Methylene Chloride

Concen: 0.098 ppbv

RT: 3.912 min Scan# 407

Delta R.T. 0.003 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Tgt Ion: 84 Resp: 4794

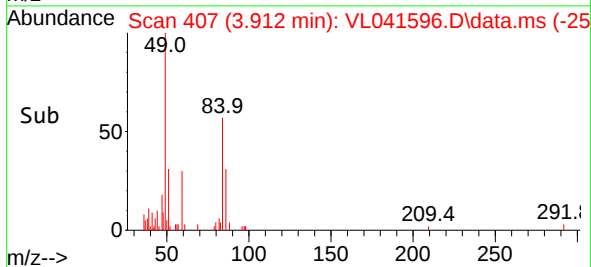
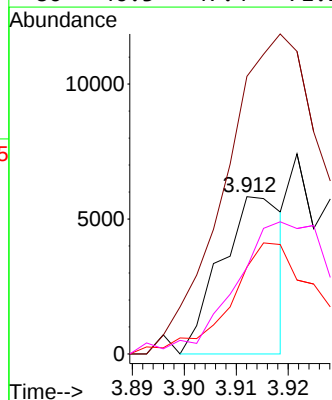
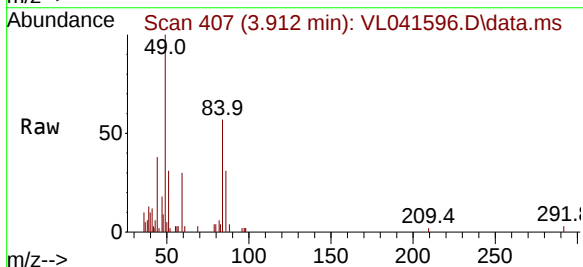
Ion Ratio Lower Upper

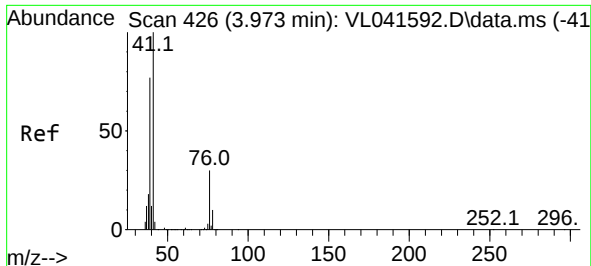
84 100

49 146.7 124.3 186.5

51 45.1 36.3 54.5

86 46.3 47.4 71.2#





#21

Allyl Chloride

Concen: 0.074 ppbv

RT: 3.983 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

ClientSampleId :

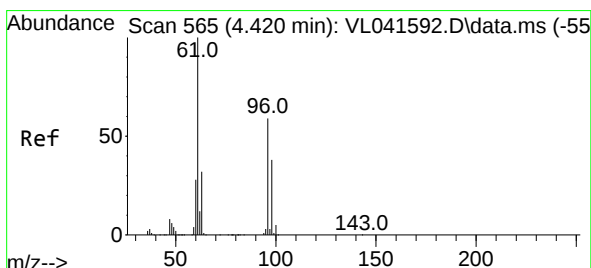
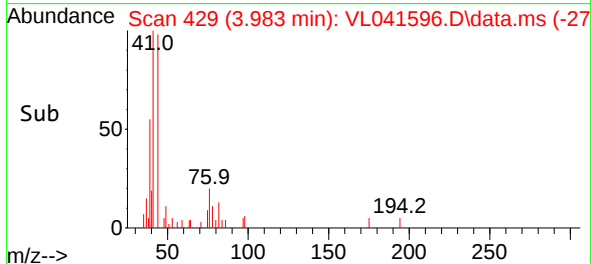
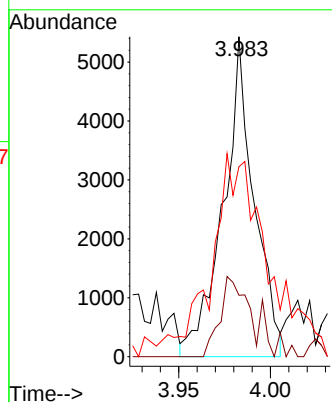
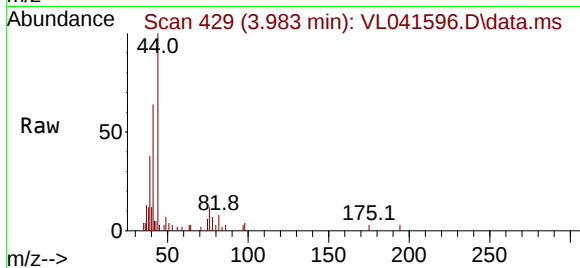
Tgt Ion: 41 Resp: 6329

Ion Ratio Lower Upper

41 100

76 27.2 23.8 35.6

39 95.4 63.9 95.9



#22

trans-1,2-Dichloroethene

Concen: 0.022 ppbv

RT: 4.423 min Scan# 566

Delta R.T. 0.003 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

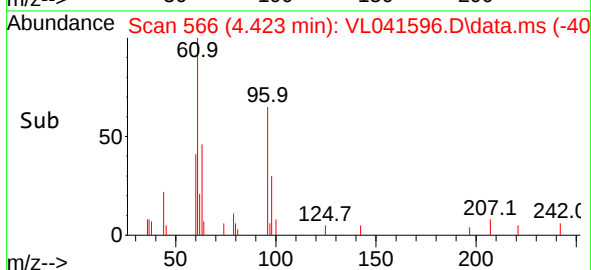
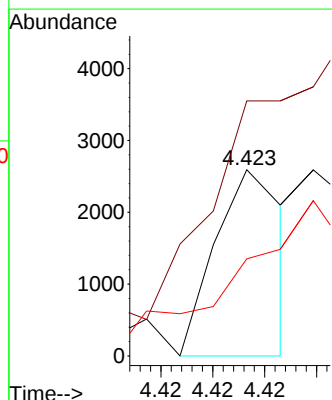
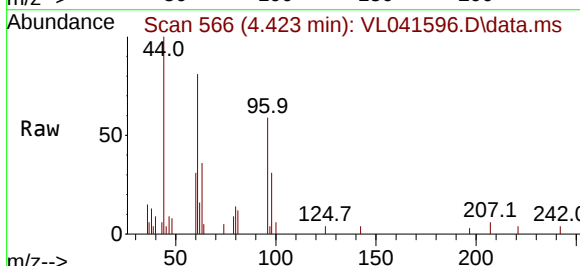
Tgt Ion: 96 Resp: 1204

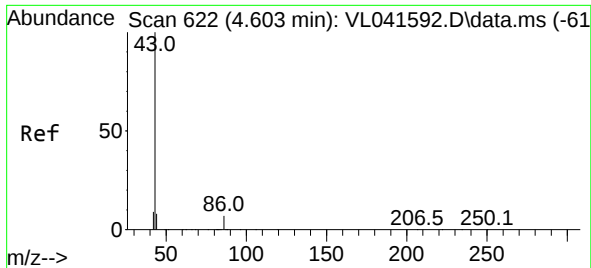
Ion Ratio Lower Upper

96 100

61 70.4 135.7 203.5#

98 29.5 50.9 76.3#

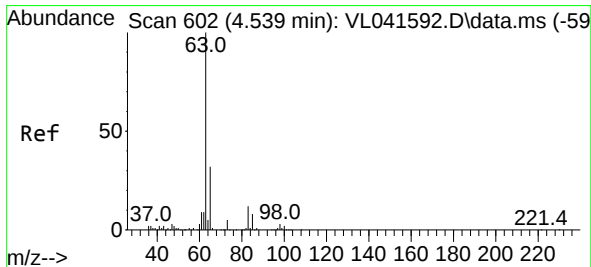
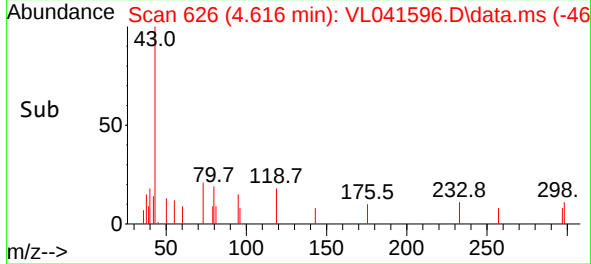
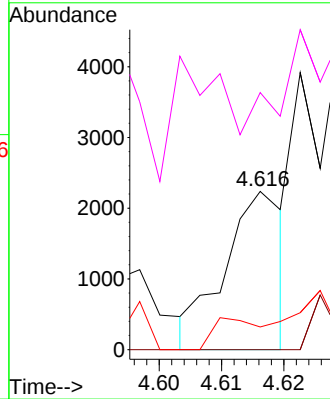
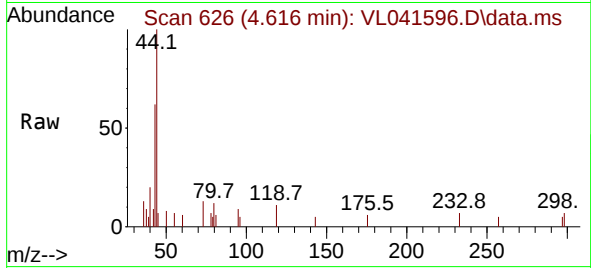




#23
Vinyl Acetate
Concen: 0.015 ppbv
RT: 4.616 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

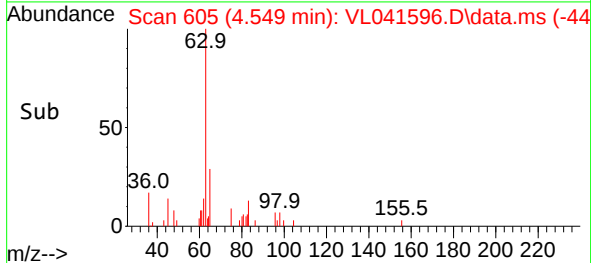
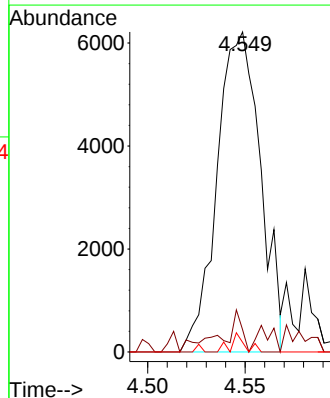
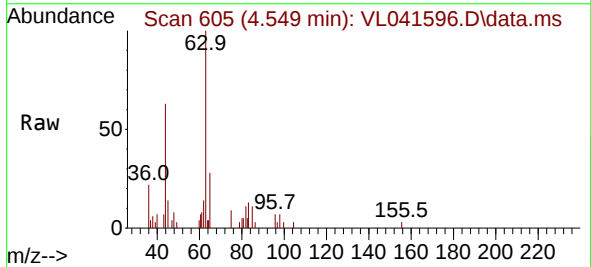
Instrument :
MSVOA_L
ClientSampleId :

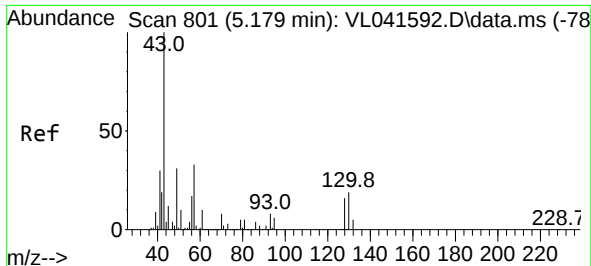
Tgt Ion:	43	Resp:	1474
Ion	Ratio	Lower	Upper
43	100		
86	0.0	4.9	7.3#
42	18.2	8.0	12.0#
44	18.8	6.1	9.1#



#24
1,1-Dichloroethane
Concen: 0.081 ppbv
RT: 4.549 min Scan# 605
Delta R.T. 0.010 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion:	63	Resp:	9657
Ion	Ratio	Lower	Upper
63	100		
98	6.7	1.7	5.1#
100	2.9	1.1	3.3

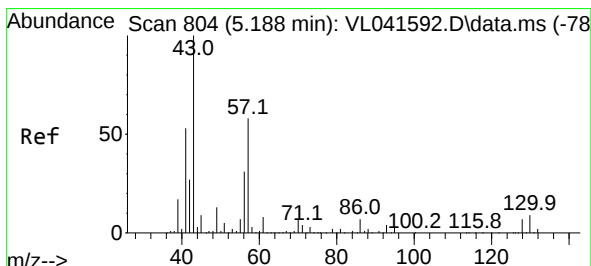
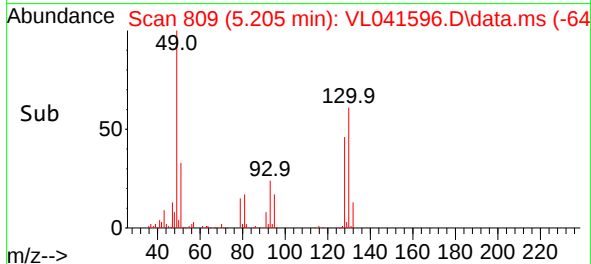
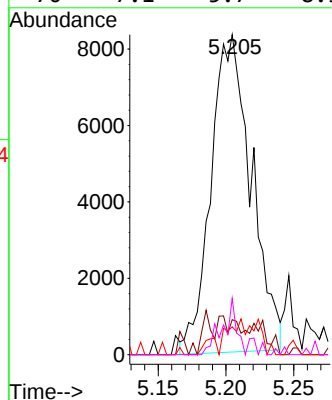
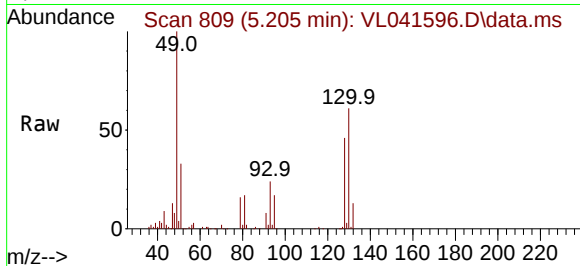




#25
Ethyl Acetate
Concen: 0.065 ppbv
RT: 5.205 min Scan# 801
Delta R.T. 0.026 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

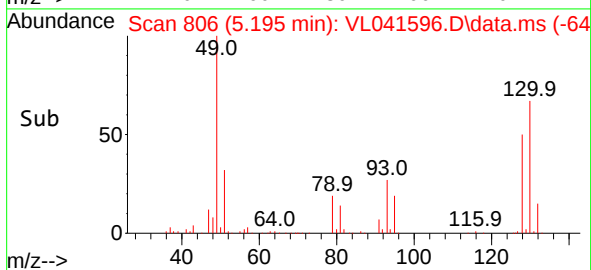
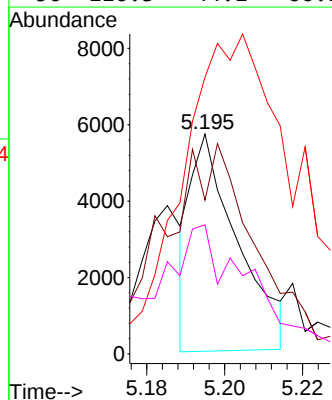
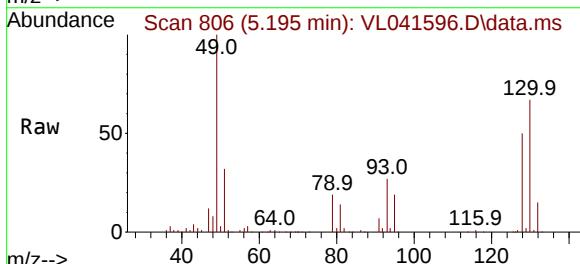
Instrument :
MSVOA_L
ClientSampleId :

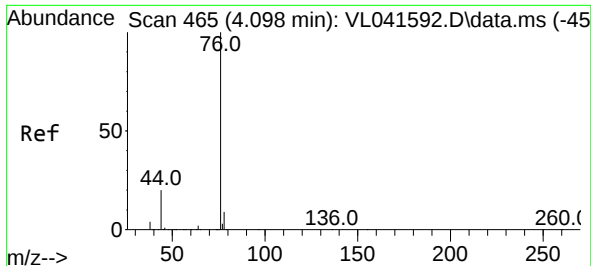
Tgt Ion: 43	Resp: 17172
Ion Ratio	Lower Upper
43 100	
45 15.7	8.2 12.2#
61 10.8	8.0 12.0
70 7.1	5.7 8.5



#26
Hexane
Concen: 0.044 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.006 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 57	Resp: 4809
Ion Ratio	Lower Upper
57 100	
41 215.0	75.7 113.5#
43 414.3	198.5 297.7#
56 116.3	44.1 66.1#





#27

Carbon Disulfide

Concen: 0.059 ppbv

RT: 4.111 min Scan# 4

Delta R.T. 0.013 min

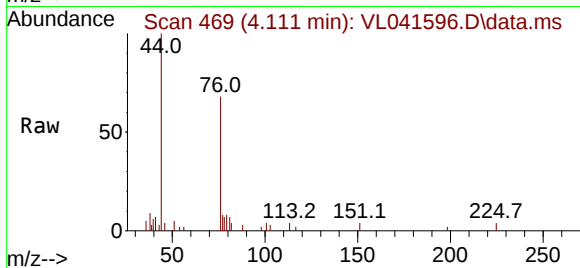
Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

ClientSampleId :



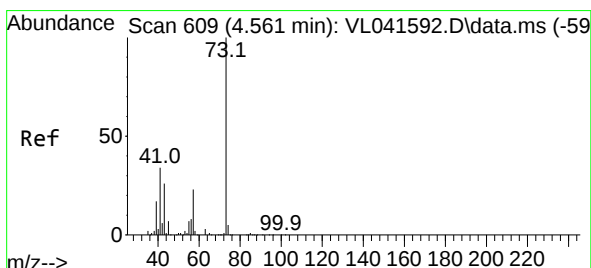
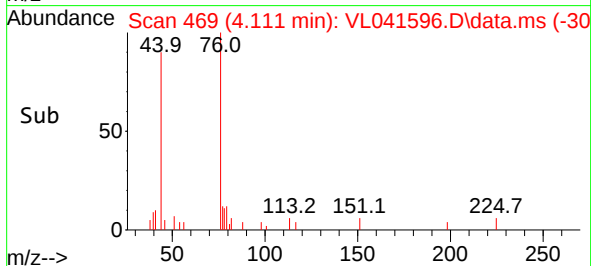
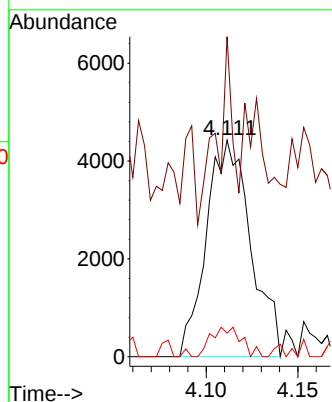
Tgt Ion: 76 Resp: 7433

Ion Ratio Lower Upper

76 100

44 60.4 15.8 23.8#

78 9.4 7.5 11.3



#28

Methyl tert-Butyl Ether

Concen: 0.024 ppbv

RT: 4.578 min Scan# 614

Delta R.T. 0.016 min

Lab File: VL041596.D

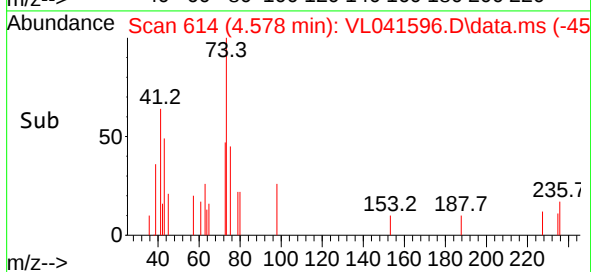
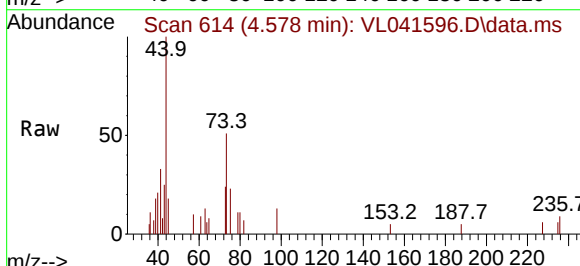
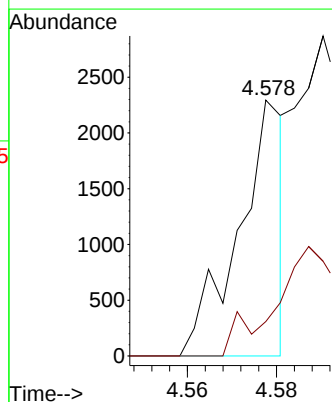
Acq: 16 Sep 2024 15:56

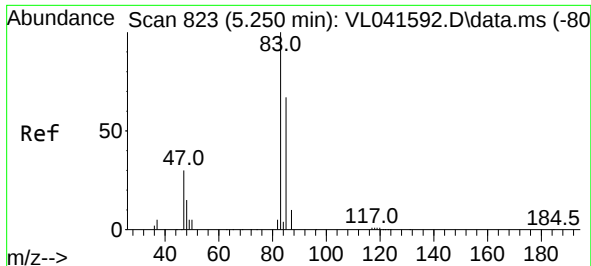
Tgt Ion: 73 Resp: 1621

Ion Ratio Lower Upper

73 100

57 0.0 19.3 28.9#





#29

Chloroform

Concen: 0.005 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

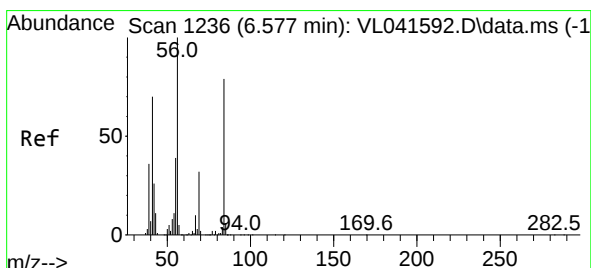
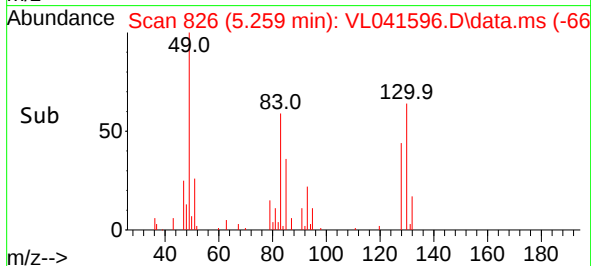
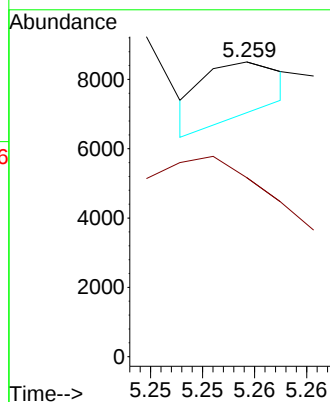
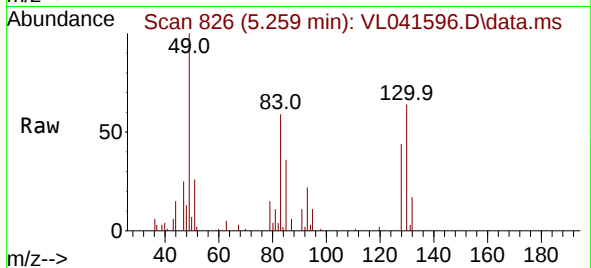
ClientSampleId :

Tgt Ion: 83 Resp: 858

Ion Ratio Lower Upper

83 100

85 62.7 53.8 80.6



#30

Cyclohexane

Concen: 0.010 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. 0.010 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

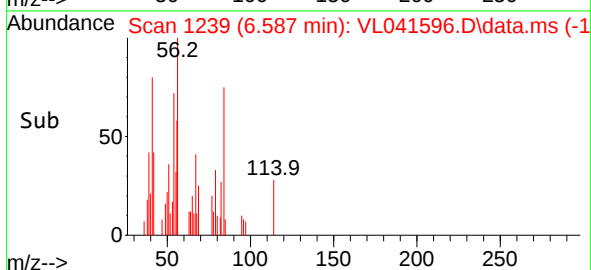
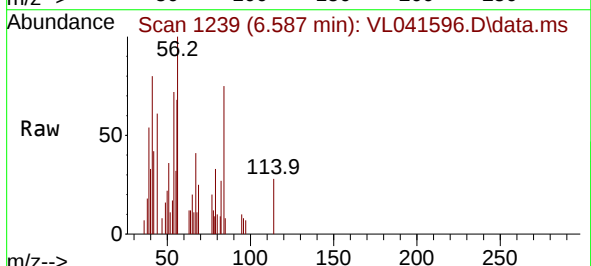
Tgt Ion: 84 Resp: 875

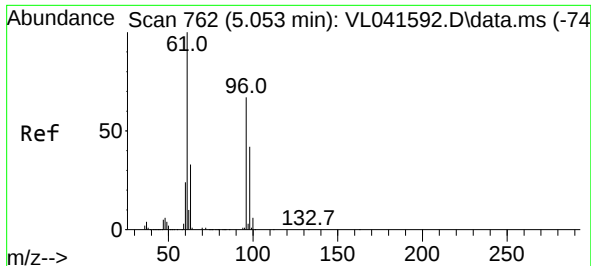
Ion Ratio Lower Upper

84 100

56 0.0 111.5 167.3#

41 0.0 70.9 106.3#

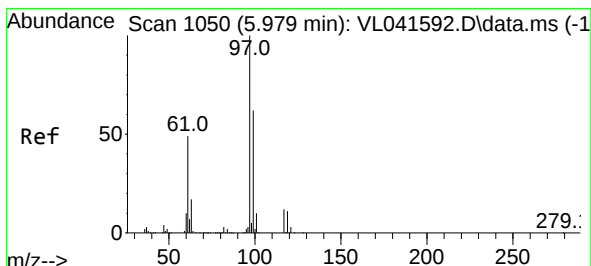
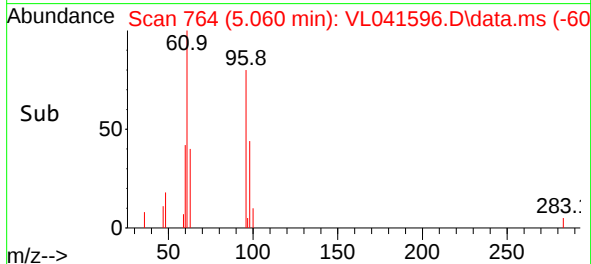
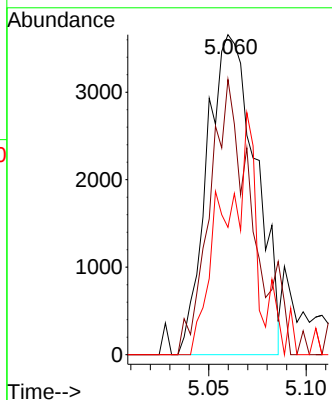
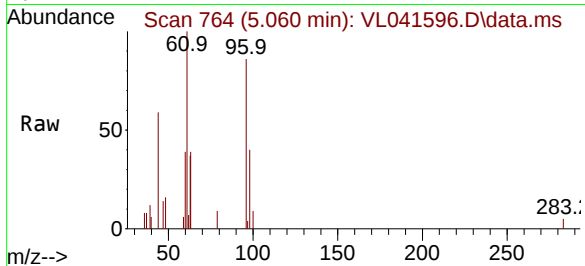




#31
 cis-1,2-Dichloroethene
 Concen: 0.060 ppbv
 RT: 5.060 min Scan# 764
 Delta R.T. 0.006 min
 Lab File: VL041596.D
 Acq: 16 Sep 2024 15:56

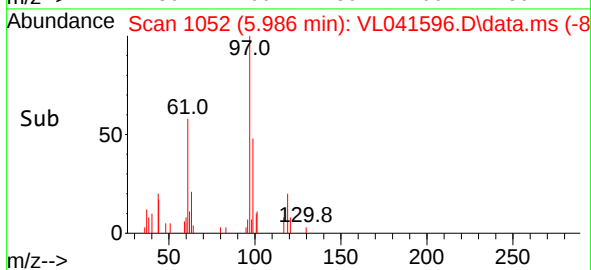
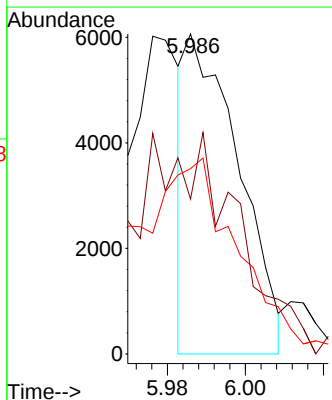
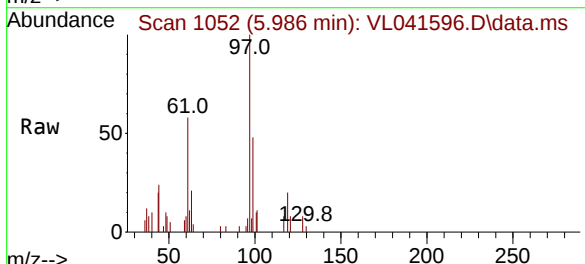
Instrument :
 MSVOA_L
 ClientSampleId :

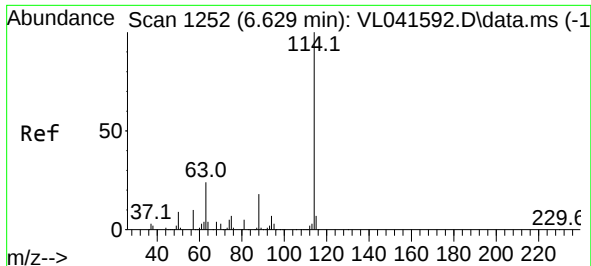
Tgt Ion: 61 Resp: 6347
 Ion Ratio Lower Upper
 61 100
 96 86.0 53.5 80.3#
 98 39.8 33.7 50.5



#32
 1,1,1-Trichloroethane
 Concen: 0.033 ppbv
 RT: 5.986 min Scan# 1052
 Delta R.T. 0.006 min
 Lab File: VL041596.D
 Acq: 16 Sep 2024 15:56

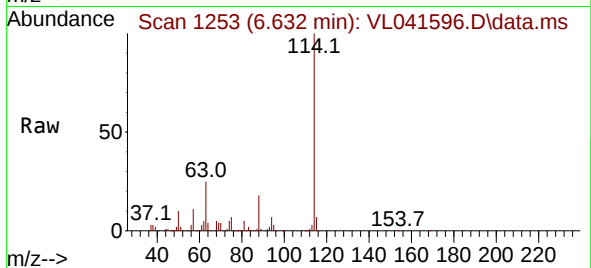
Tgt Ion: 97 Resp: 5745
 Ion Ratio Lower Upper
 97 100
 99 142.1 51.0 76.4#
 61 122.1 41.0 61.6#



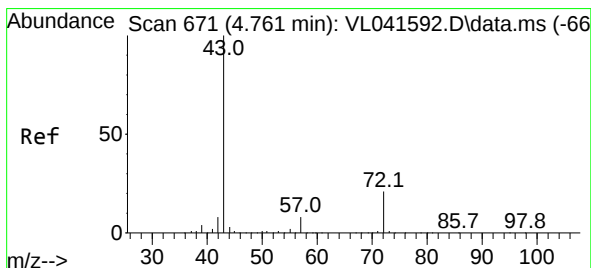
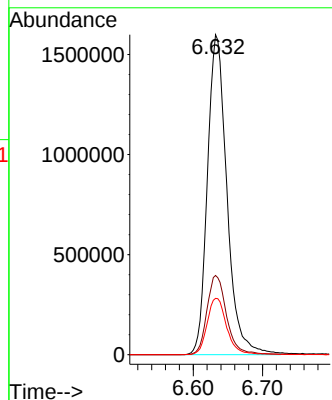
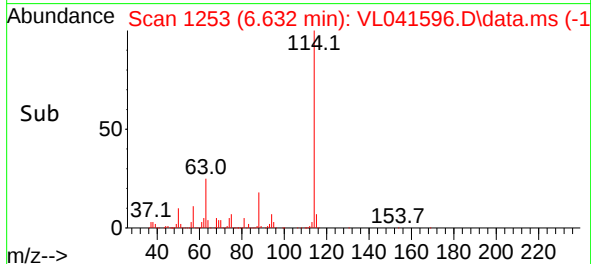


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.632 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Instrument :
MSVOA_L
ClientSampleId :

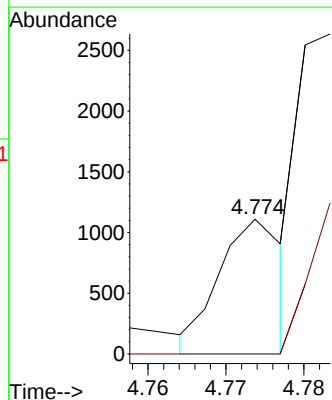
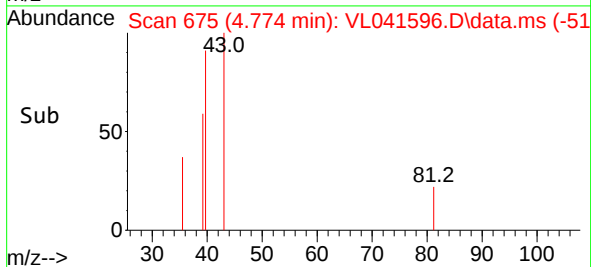
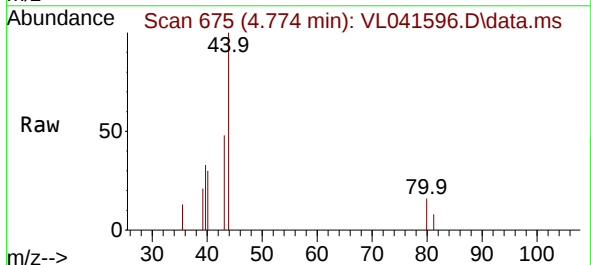


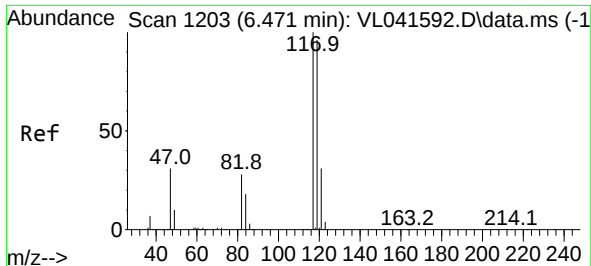
Tgt Ion:114 Resp: 3120058
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.2
88 17.9 14.2 21.4



#34
2-Butanone
Concen: 0.004 ppbv
RT: 4.774 min Scan# 675
Delta R.T. 0.013 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 43 Resp: 633
Ion Ratio Lower Upper
43 100
72 0.0 16.8 25.2#

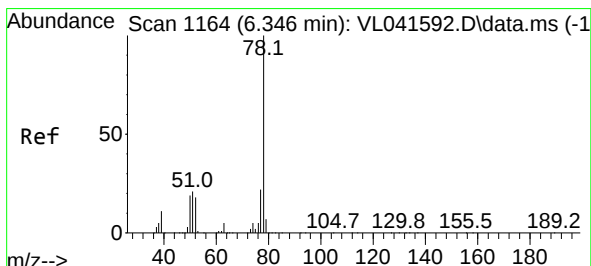
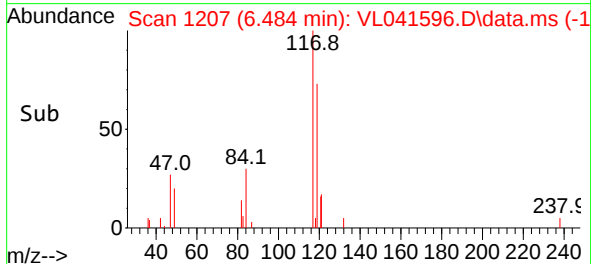
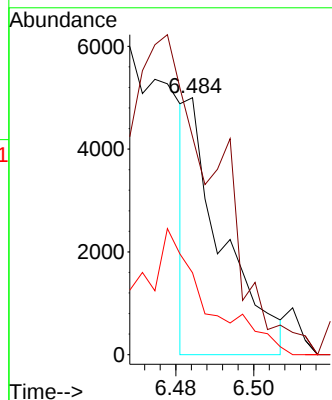
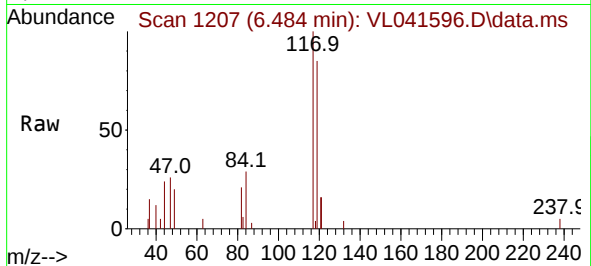




#35
Carbon Tetrachloride
Concen: 0.018 ppbv
RT: 6.484 min Scan# 1165
Delta R.T. 0.013 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

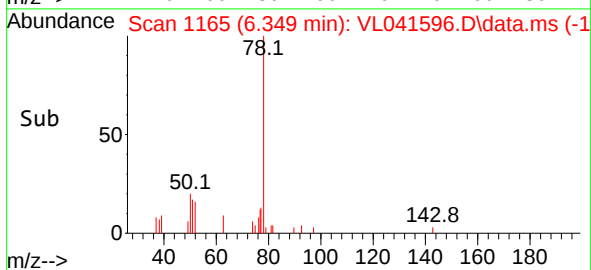
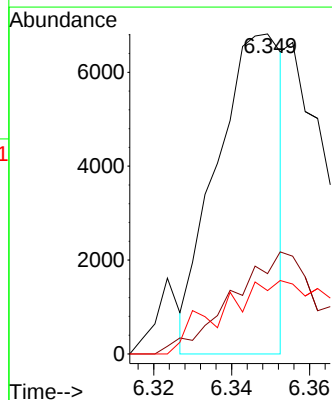
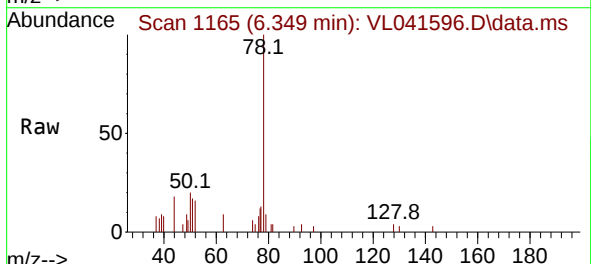
Instrument :
MSVOA_L
ClientSampleId :

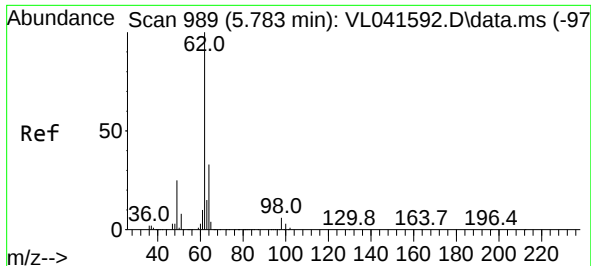
Tgt Ion:117 Resp: 3144
Ion Ratio Lower Upper
117 100
119 84.7 76.8 115.2
121 33.2 25.0 37.6



#36
Benzene
Concen: 0.035 ppbv
RT: 6.349 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 78 Resp: 7905
Ion Ratio Lower Upper
78 100
77 23.1 17.8 26.6
50 18.5 15.4 23.0





#37

1,2-Dichloroethane

Concen: 0.047 ppbv

RT: 5.790 min Scan# 91

Delta R.T. 0.006 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

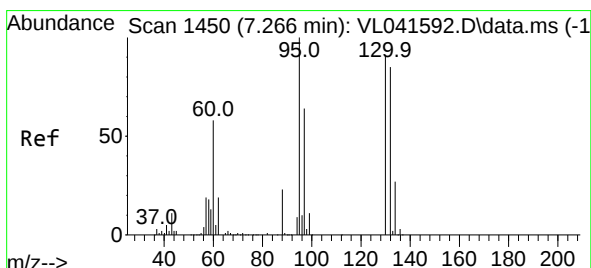
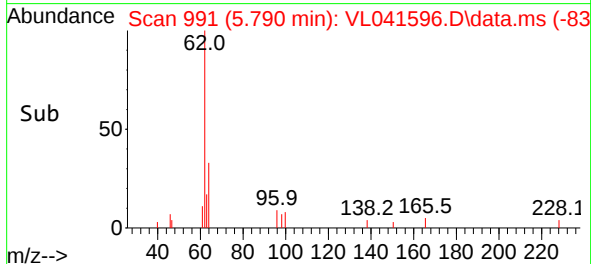
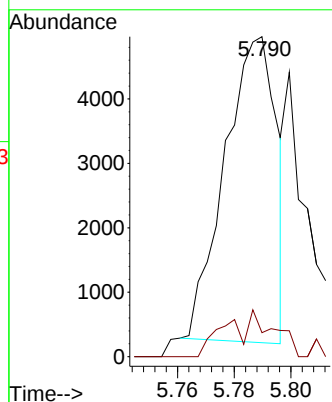
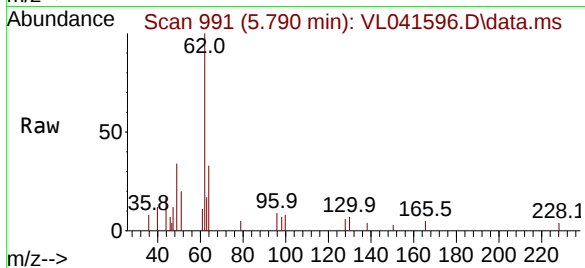
ClientSampleId :

Tgt Ion: 62 Resp: 5989

Ion Ratio Lower Upper

62 100

98 14.7 4.8 7.2#



#38

Trichloroethene

Concen: 0.053 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.006 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Tgt Ion:130 Resp: 5664

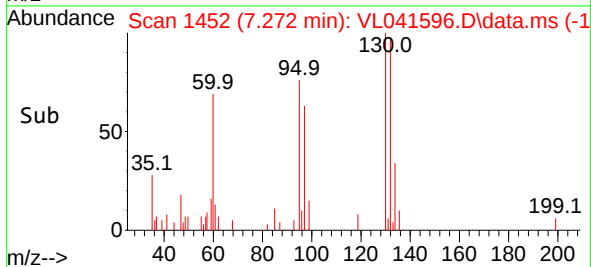
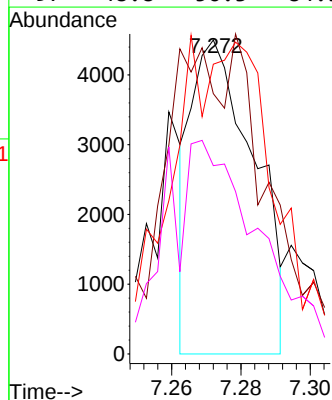
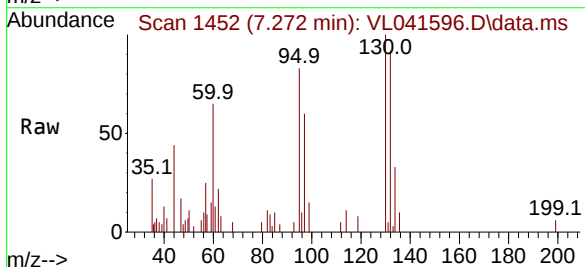
Ion Ratio Lower Upper

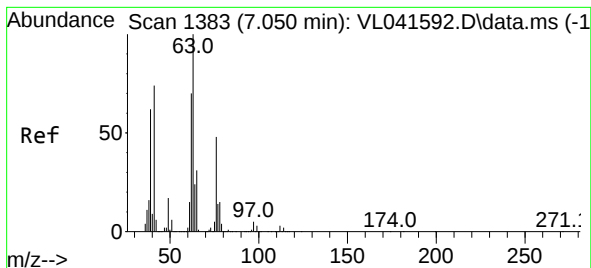
130 100

95 49.0 87.7 131.5#

132 70.6 74.5 111.7#

97 48.8 56.3 84.5#





#39

1,2-Dichloropropane

Concen: 0.101 ppbv

RT: 6.684 min Scan# 1

Delta R.T. -0.366 min

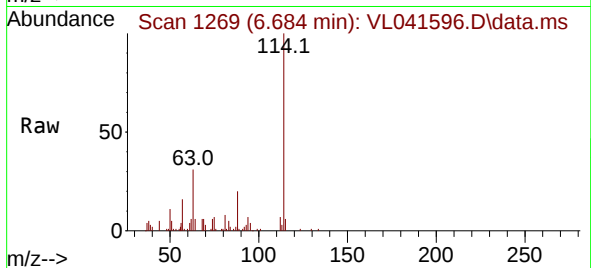
Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

ClientSampleId :



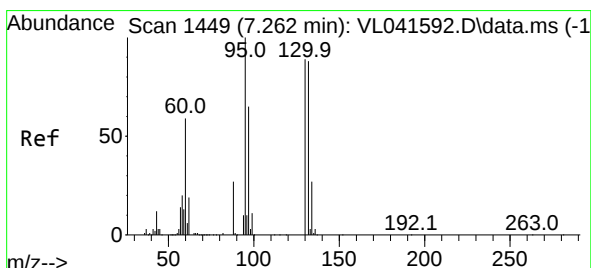
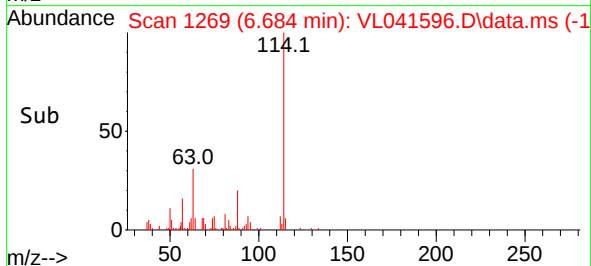
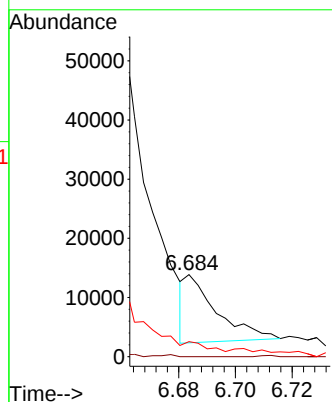
Tgt Ion: 63 Resp: 8896

Ion Ratio Lower Upper

63 100

41 0.0 59.5 89.3#

62 16.1 56.2 84.2#



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.243 min Scan# 1443

Delta R.T. -0.019 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Tgt Ion: 88 Resp: 81

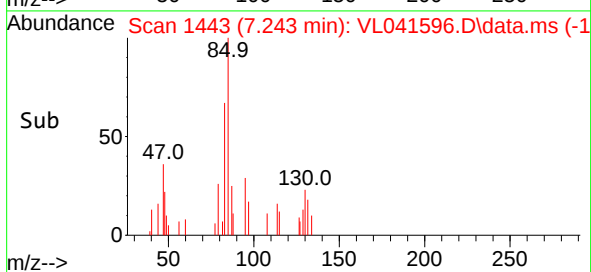
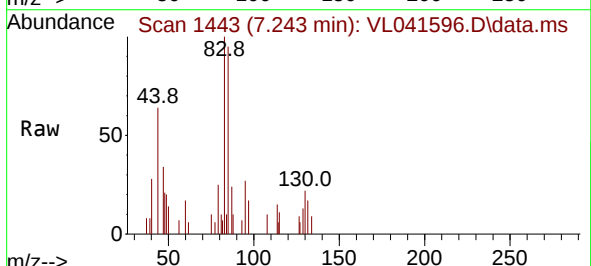
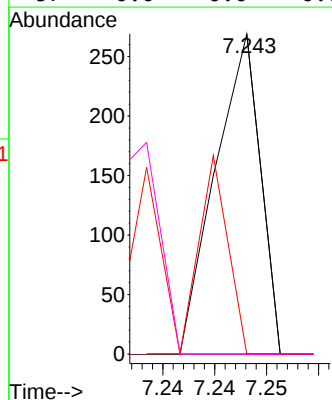
Ion Ratio Lower Upper

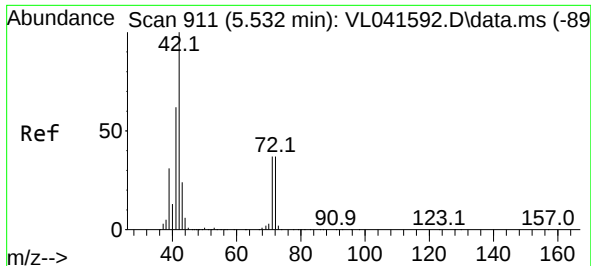
88 100

58 0.0 100.2 150.4#

43 0.0 0.0 0.0

57 0.0 0.0 0.0

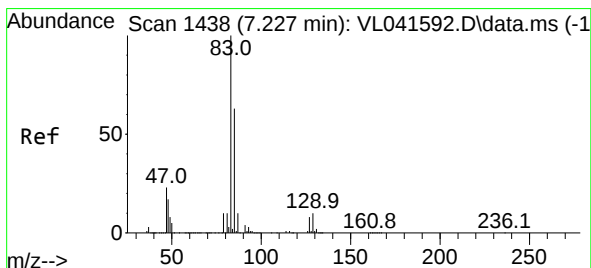
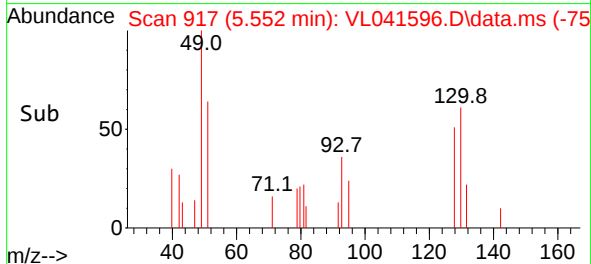
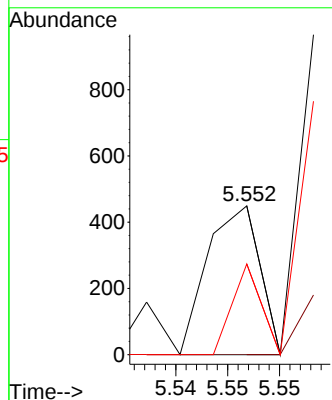
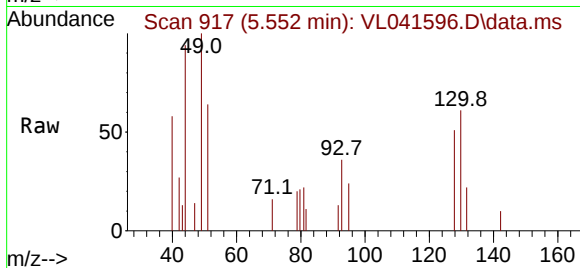




#41
Tetrahydrofuran
Concen: 0.002 ppbv
RT: 5.552 min Scan# 911
Delta R.T. 0.019 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

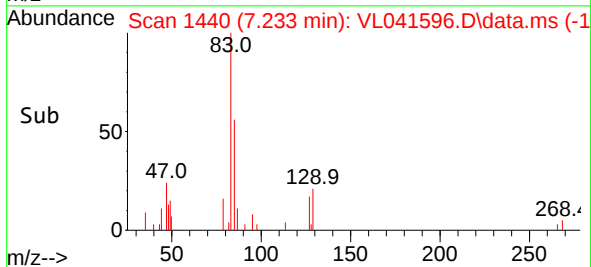
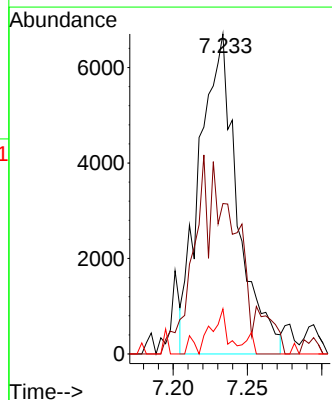
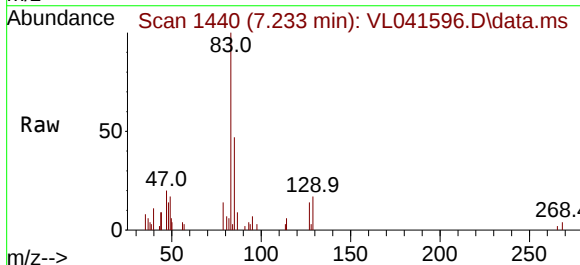
Instrument :
MSVOA_L
ClientSampleId :

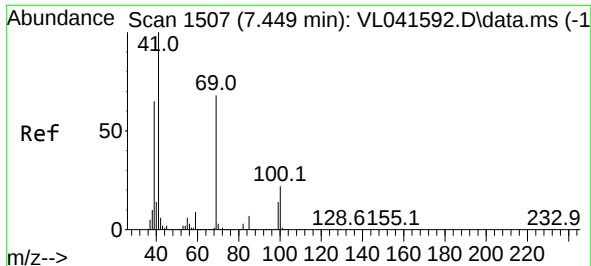
Tgt Ion: 42 Resp: 157
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.2#
71 0.0 29.6 44.4#



#42
Bromodichloromethane
Concen: 0.064 ppbv
RT: 7.233 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 83 Resp: 11844
Ion Ratio Lower Upper
83 100
85 42.9 50.5 75.7#
127 15.0 6.5 9.7#

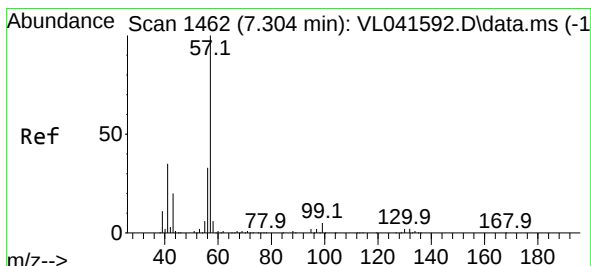
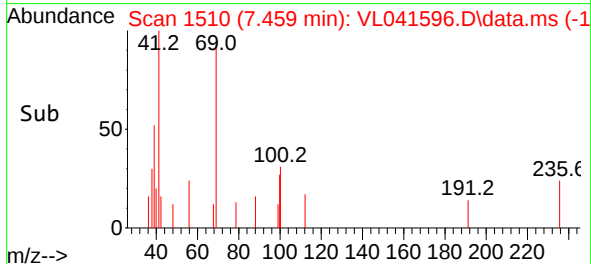
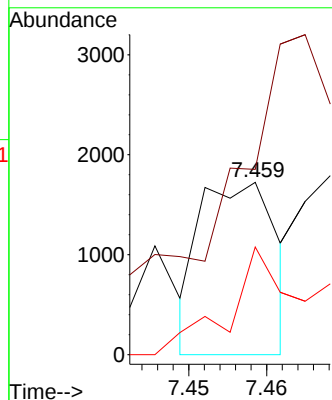
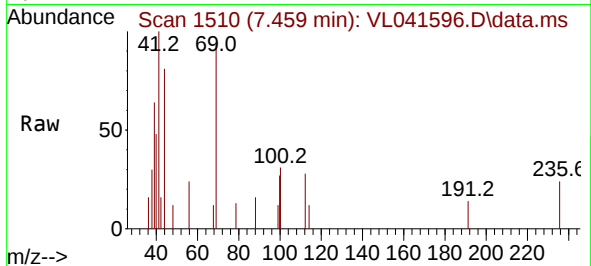




#43
Methyl Methacrylate
Concen: 0.014 ppbv
RT: 7.459 min Scan# 1171
Delta R.T. 0.010 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

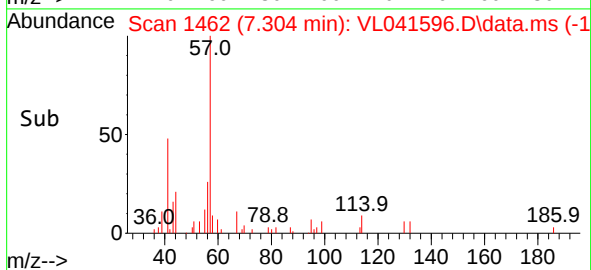
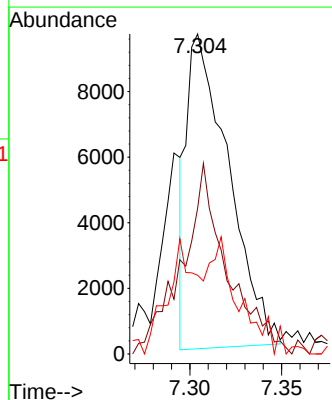
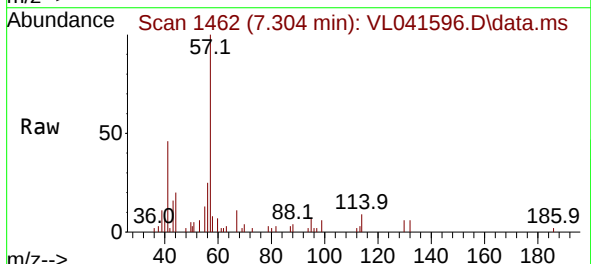
Instrument :
MSVOA_L
ClientSampleId :

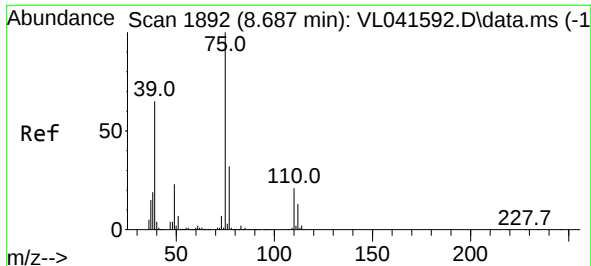
Tgt Ion: 69 Resp: 1171
Ion Ratio Lower Upper
69 100
41 0.0 121.8 182.6#
100 0.0 26.5 39.7#



#44
2,2,4-Trimethylpentane
Concen: 0.040 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 57 Resp: 15193
Ion Ratio Lower Upper
57 100
41 68.6 27.0 40.6#
56 54.5 25.5 38.3#

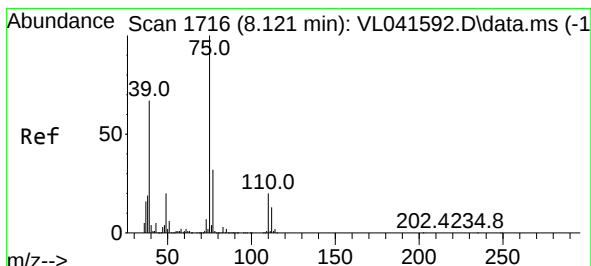
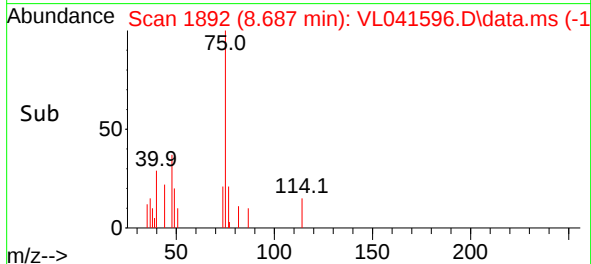
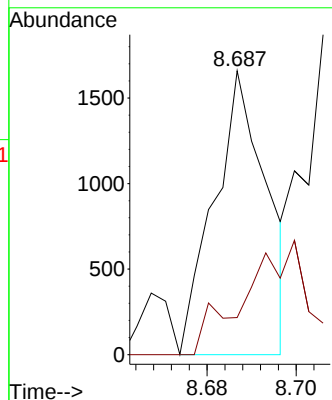
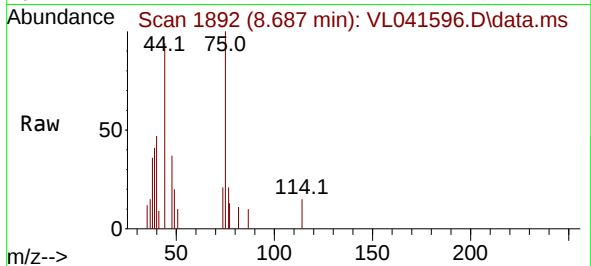




#45
t-1,3-Dichloropropene
Concen: 0.019 ppbv
RT: 8.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

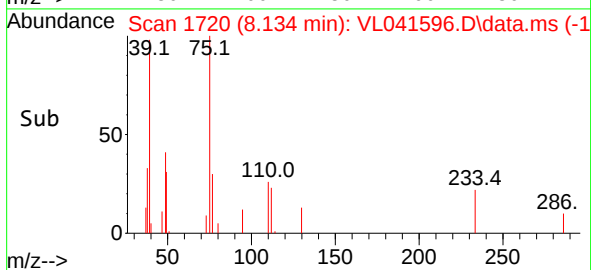
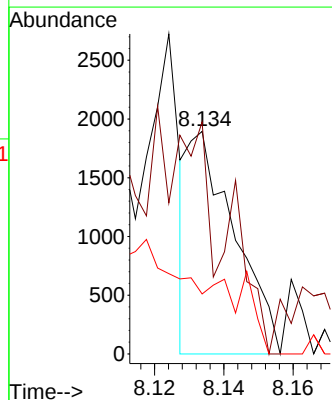
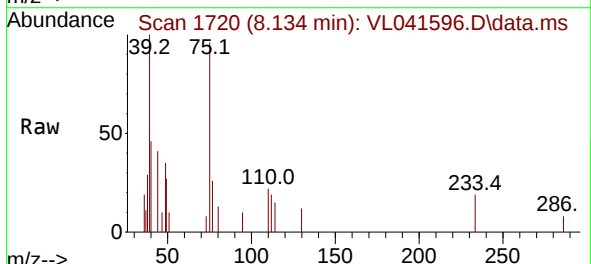
Instrument :
MSVOA_L
ClientSampleId :

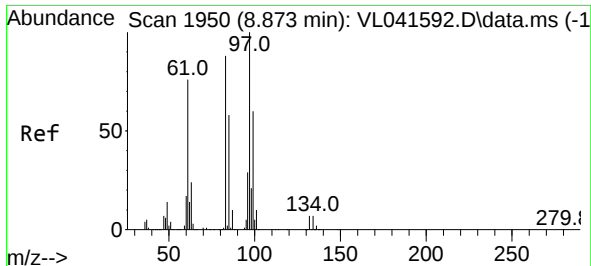
Tgt Ion: 75 Resp: 1347
Ion Ratio Lower Upper
75 100
77 13.1 25.4 38.0#



#46
cis-1,3-Dichloropropene
Concen: 0.017 ppbv
RT: 8.134 min Scan# 1720
Delta R.T. 0.013 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 75 Resp: 1784
Ion Ratio Lower Upper
75 100
39 79.7 54.0 81.0
77 26.9 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.046 ppbv

RT: 8.886 min Scan# 1950

Delta R.T. 0.013 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 4401

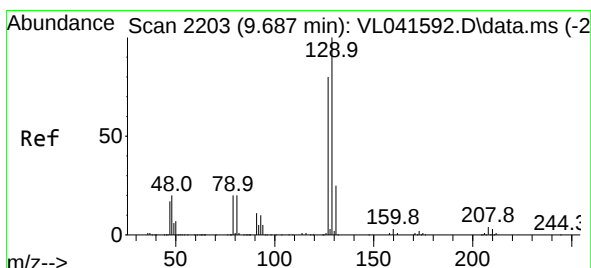
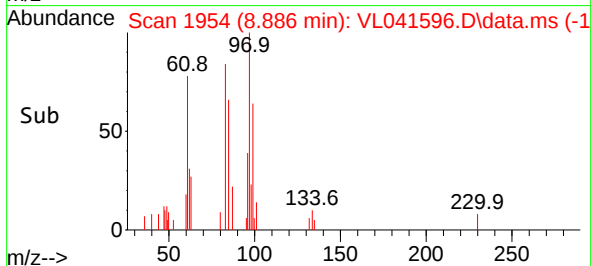
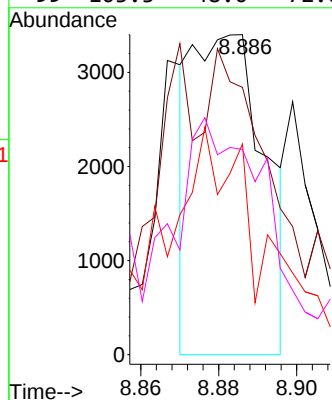
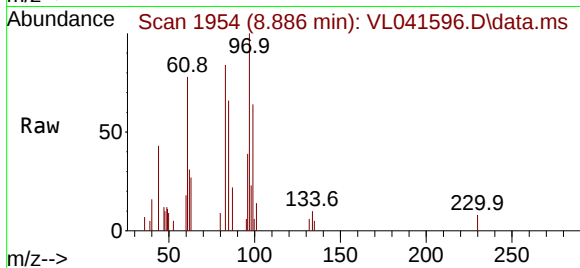
Ion Ratio Lower Upper

97 100

83 90.9 70.2 105.4

85 82.4 46.3 69.5#

99 103.3 48.0 72.0#



#48

Dibromochloromethane

Concen: 0.029 ppbv

RT: 9.690 min Scan# 2204

Delta R.T. 0.003 min

Lab File: VL041596.D

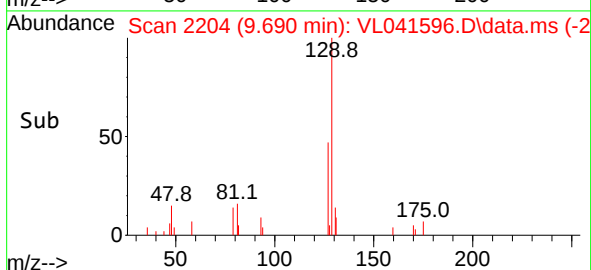
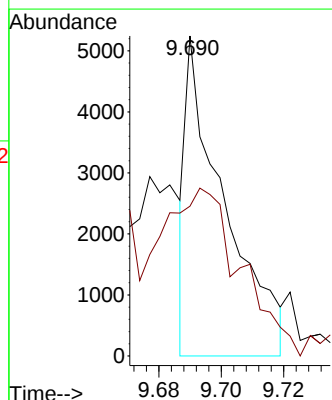
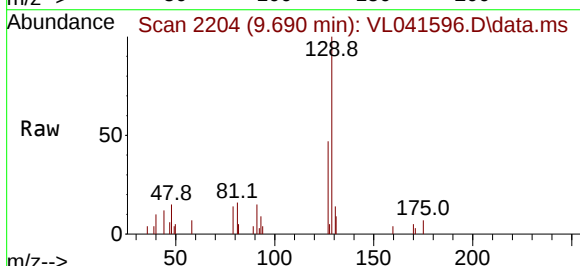
Acq: 16 Sep 2024 15:56

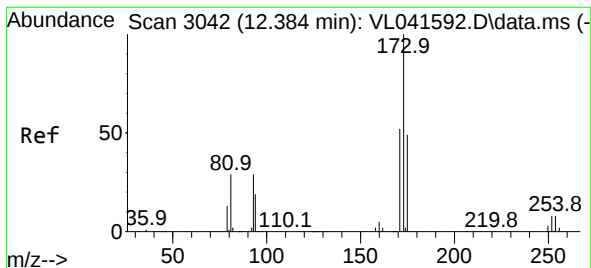
Tgt Ion: 129 Resp: 4475

Ion Ratio Lower Upper

129 100

127 138.7 39.3 117.9#





#49

Bromoform

Concen: 0.013 ppbv

RT: 12.391 min Scan# 3044

Delta R.T. 0.006 min

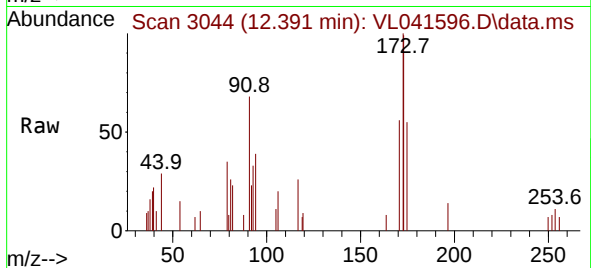
Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

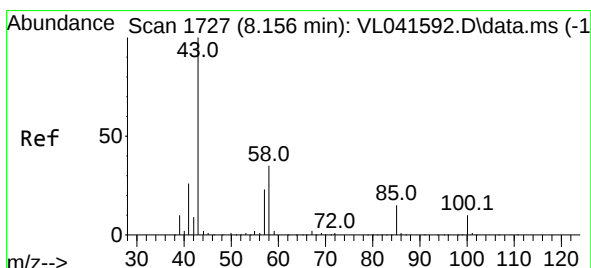
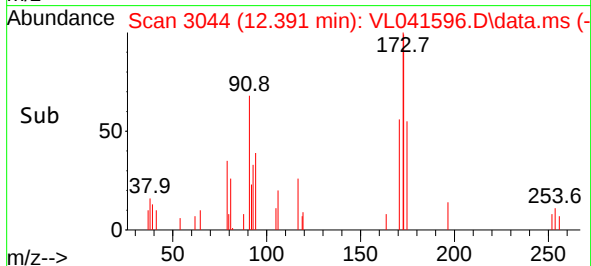
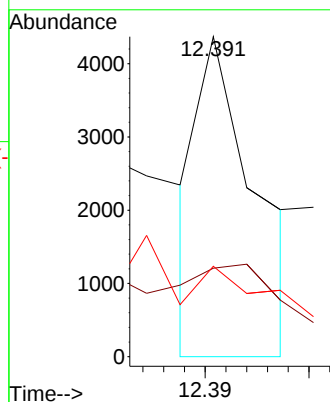
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	173	Resp:	1676
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: 0.000 ppbv

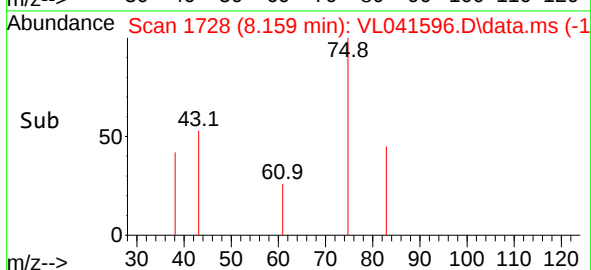
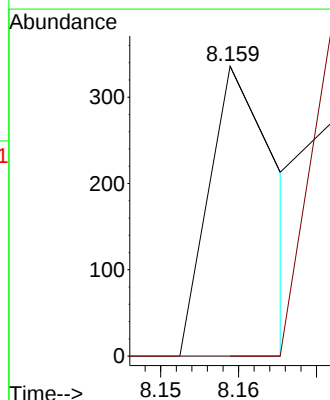
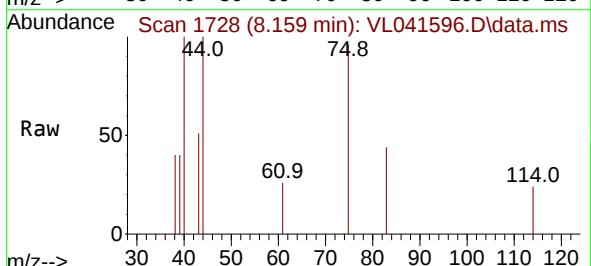
RT: 8.159 min Scan# 1728

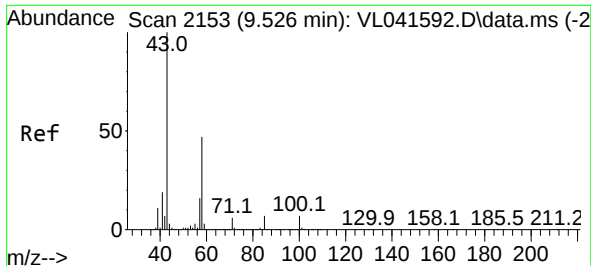
Delta R.T. 0.003 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Tgt Ion:	43	Resp:	106
Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.8	41.8#

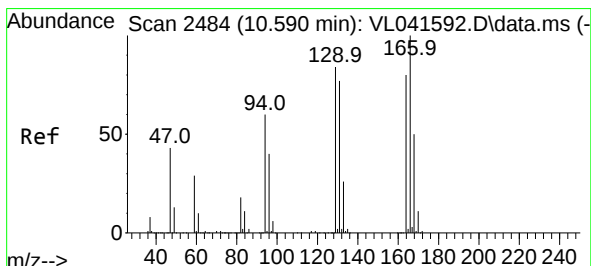
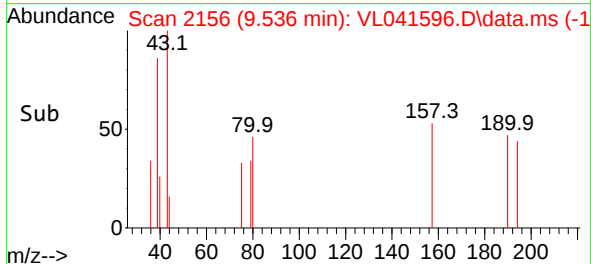
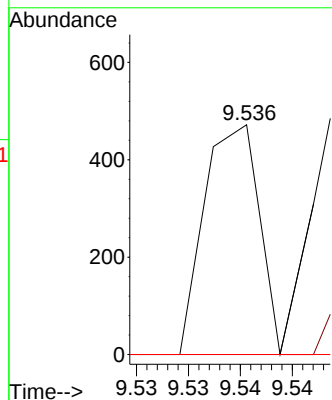
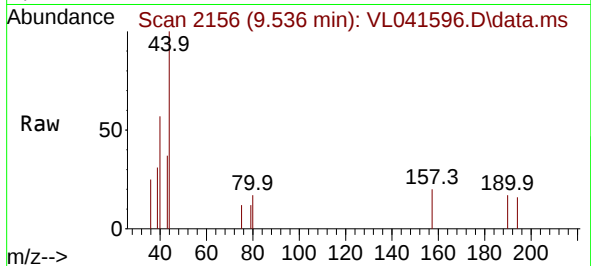




#51
2-Hexanone
Concen: 0.001 ppbv
RT: 9.536 min Scan# 2153
Delta R.T. 0.010 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

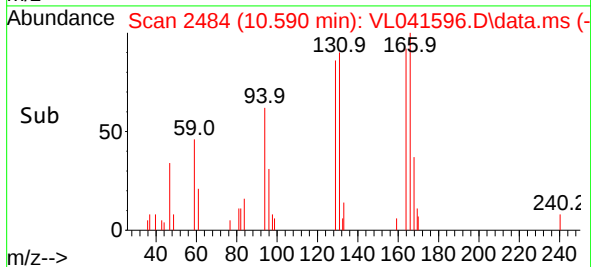
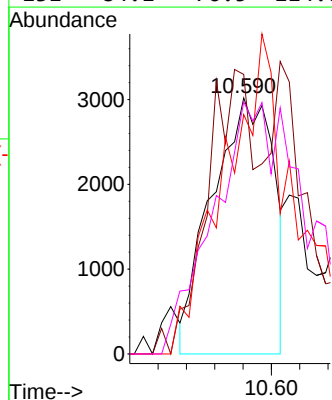
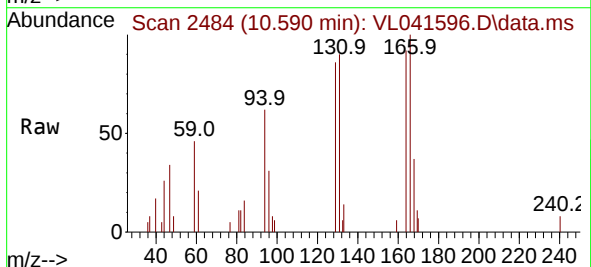
Instrument :
MSVOA_L
ClientSampleId :

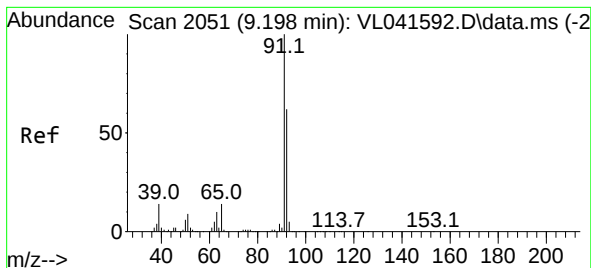
Tgt Ion: 43 Resp: 174
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.052 ppbv
RT: 10.590 min Scan# 2484
Delta R.T. 0.000 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion:164 Resp: 4554
Ion Ratio Lower Upper
164 100
166 104.3 99.4 149.2
129 85.2 83.5 125.3
131 84.1 76.5 114.7





#53

Toluene

Concen: 0.014 ppbv

RT: 9.208 min Scan# 2051

Delta R.T. 0.010 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

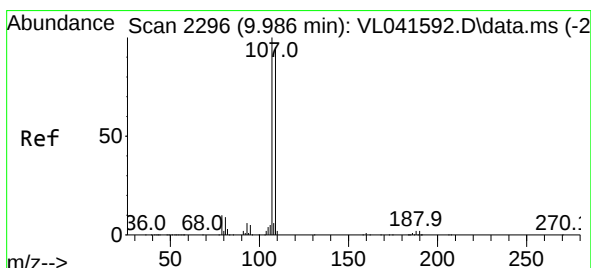
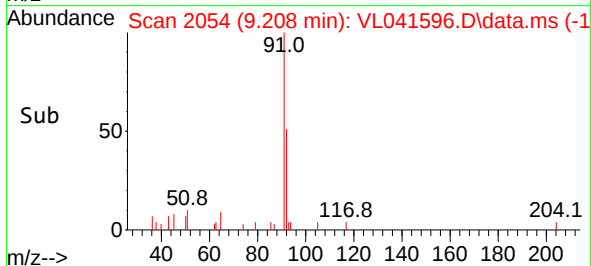
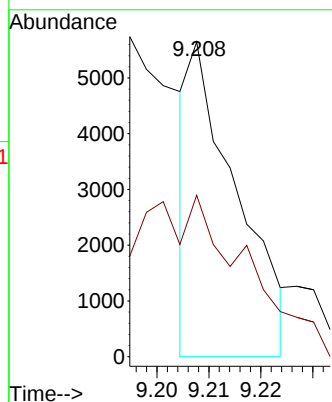
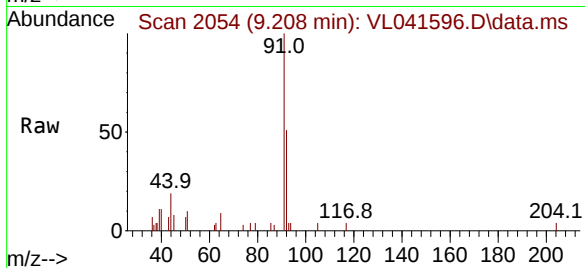
ClientSampleId :

Tgt Ion: 91 Resp: 3587

Ion Ratio Lower Upper

91 100

92 0.0 48.9 73.3#



#54

1,2-Dibromoethane

Concen: 0.001 ppbv

RT: 10.037 min Scan# 2312

Delta R.T. 0.052 min

Lab File: VL041596.D

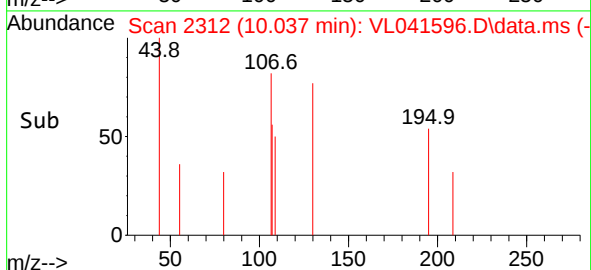
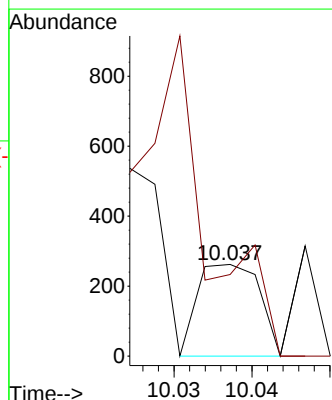
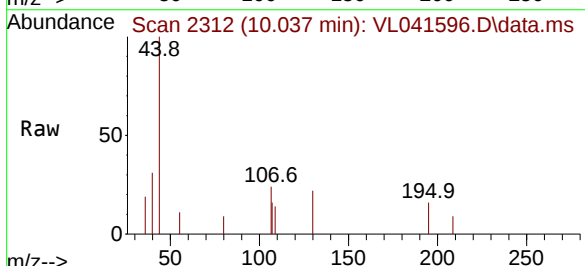
Acq: 16 Sep 2024 15:56

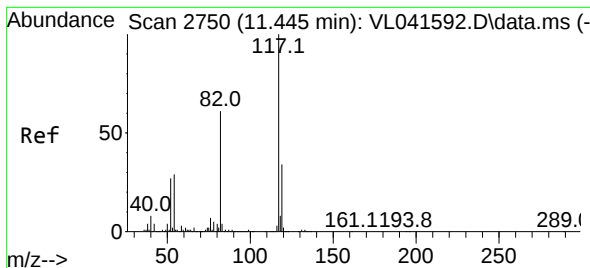
Tgt Ion: 107 Resp: 145

Ion Ratio Lower Upper

107 100

109 88.9 75.7 113.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.445 min Scan# 2750

Delta R.T. 0.000 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

ClientSampleId :

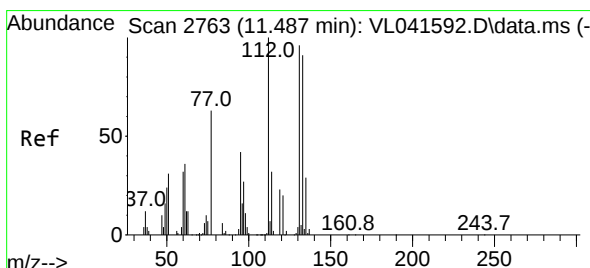
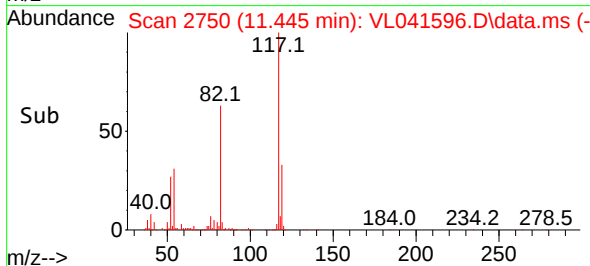
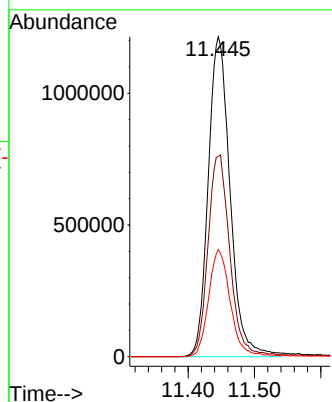
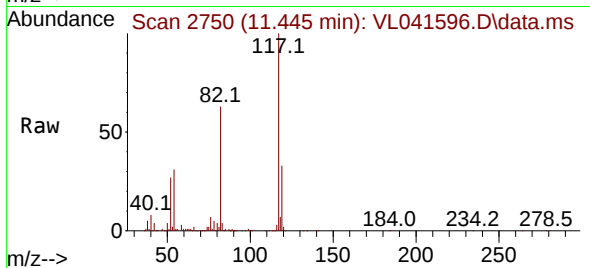
Tgt Ion:117 Resp: 2779435

Ion Ratio Lower Upper

117 100

82 63.8 49.4 74.2

119 33.6 24.4 36.6



#56

1,1,1,2-Tetrachloroethane

Concen: 0.031 ppbv

RT: 11.491 min Scan# 2764

Delta R.T. 0.003 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

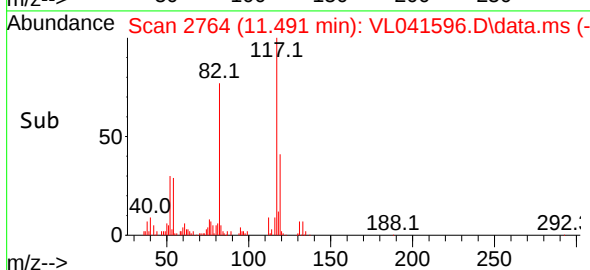
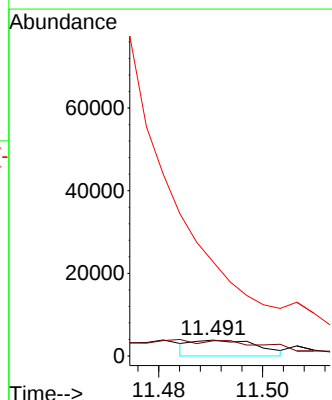
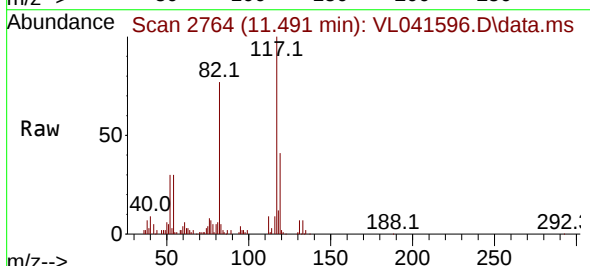
Tgt Ion:131 Resp: 3381

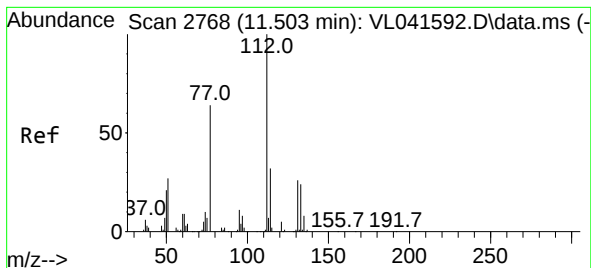
Ion Ratio Lower Upper

131 100

133 0.0 76.6 115.0#

119 0.0 48.5 72.7#

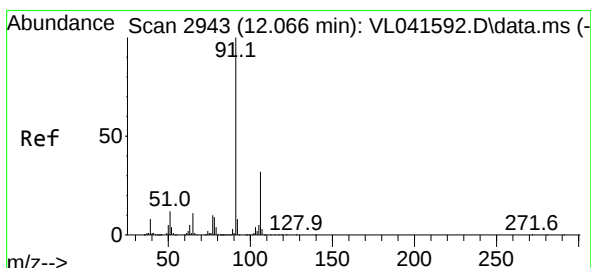
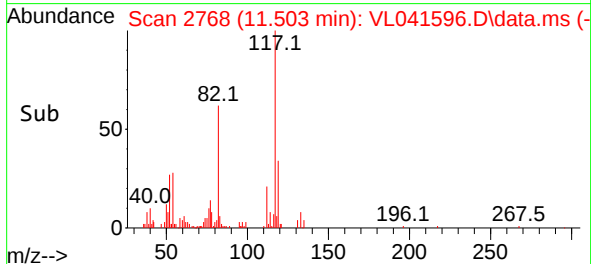
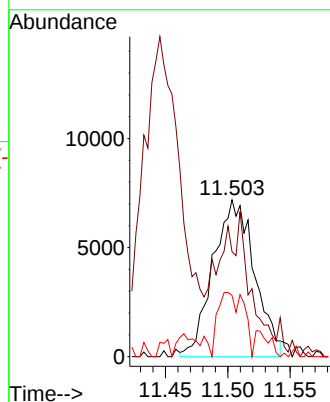
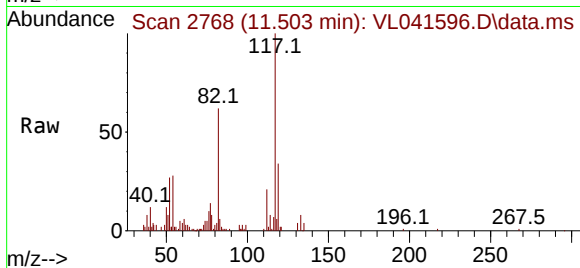




#57
Chlorobenzene
Concen: 0.083 ppbv
RT: 11.503 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

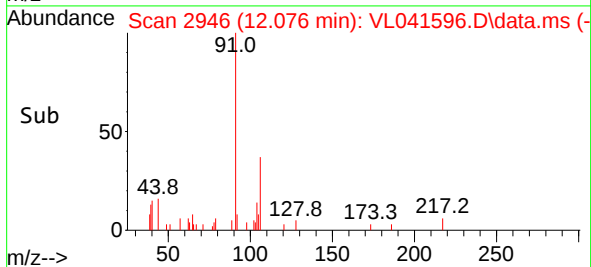
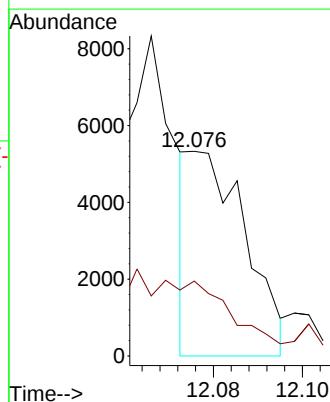
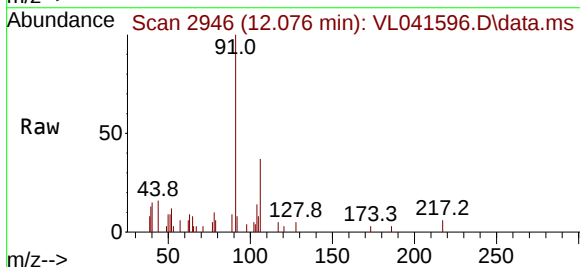
Instrument :
MSVOA_L
ClientSampleId :

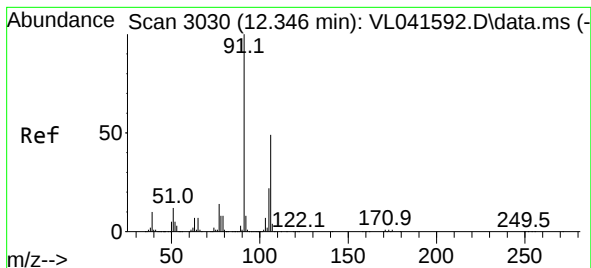
Tgt Ion:112 Resp: 16604
Ion Ratio Lower Upper
112 100
77 43.3 52.0 78.0#
114 40.2 28.6 35.0#



#58
Ethyl Benzene
Concen: 0.015 ppbv
RT: 12.076 min Scan# 2946
Delta R.T. 0.010 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 91 Resp: 4719
Ion Ratio Lower Upper
91 100
106 37.5 25.8 38.6

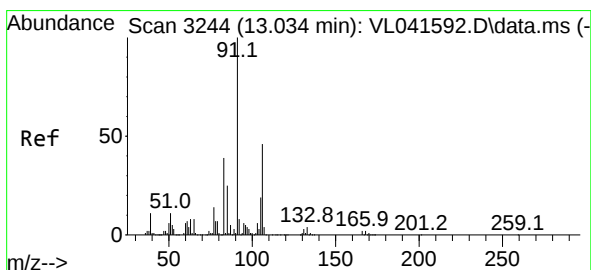
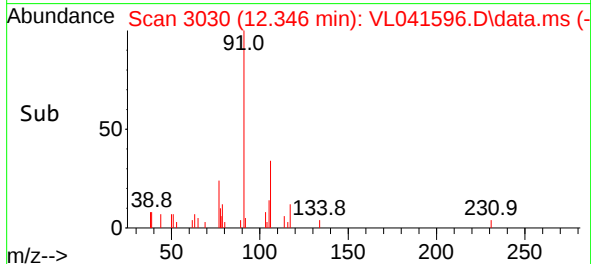
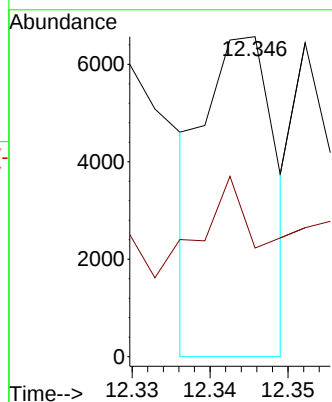
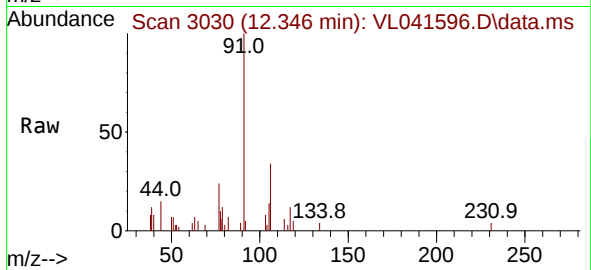




#59
m/p-Xylene
Concen: 0.015 ppbv
RT: 12.346 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

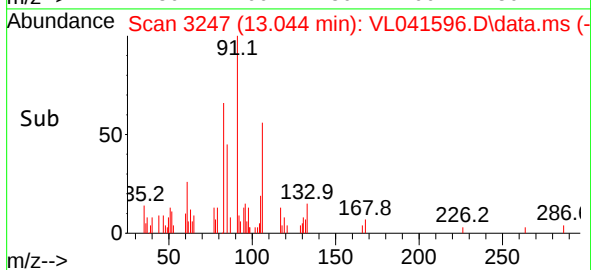
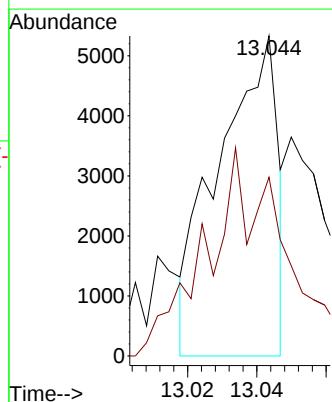
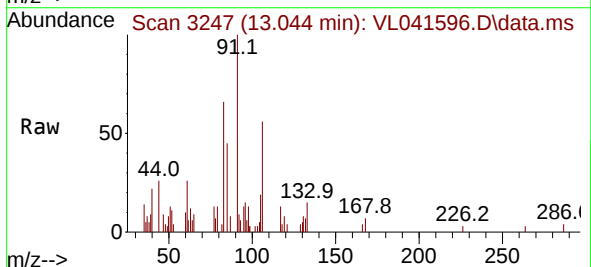
Instrument :
MSVOA_L
ClientSampleId :

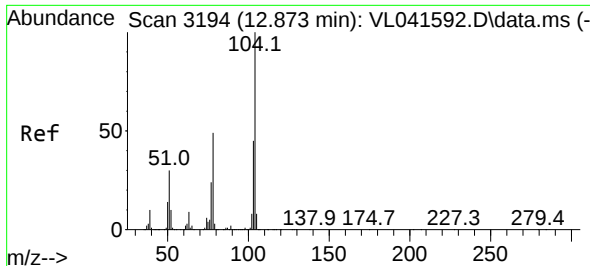
Tgt Ion: 91 Resp: 4154
Ion Ratio Lower Upper
91 100
106 251.0 36.8 55.2#



#60
o-Xylene
Concen: 0.024 ppbv
RT: 13.044 min Scan# 3247
Delta R.T. 0.010 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 91 Resp: 6339
Ion Ratio Lower Upper
91 100
106 85.1 23.1 69.3#

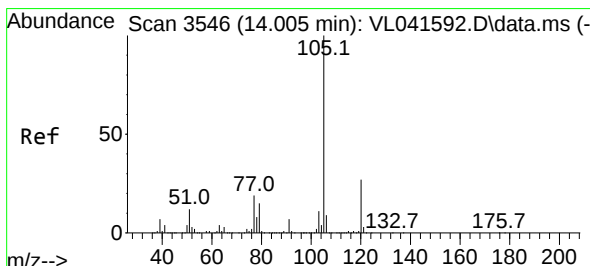
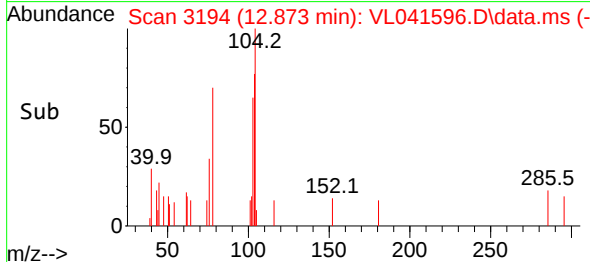
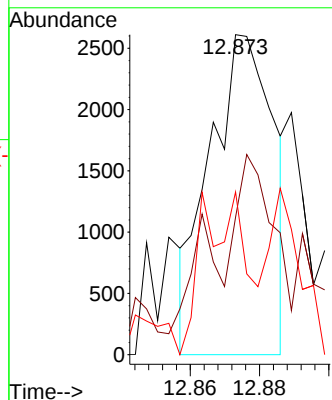
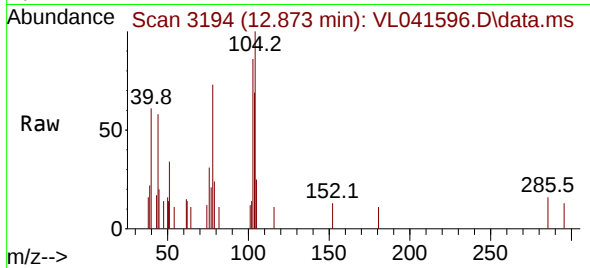




#61
Styrene
Concen: 0.028 ppbv
RT: 12.873 min Scan# 3194
Delta R.T. 0.000 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

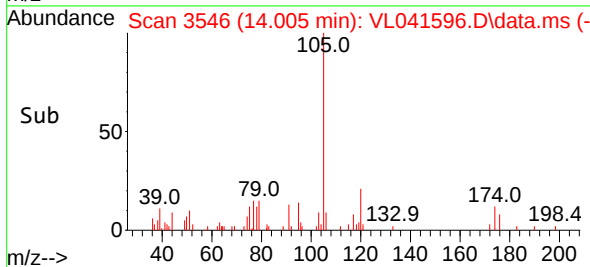
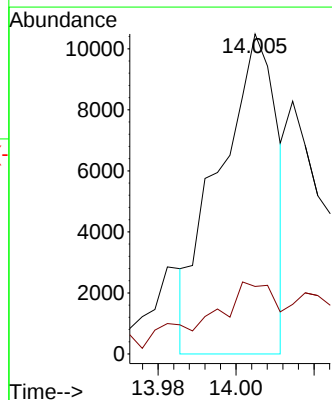
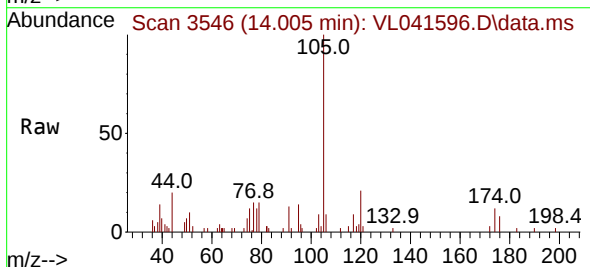
Instrument :
MSVOA_L
ClientSampleId :

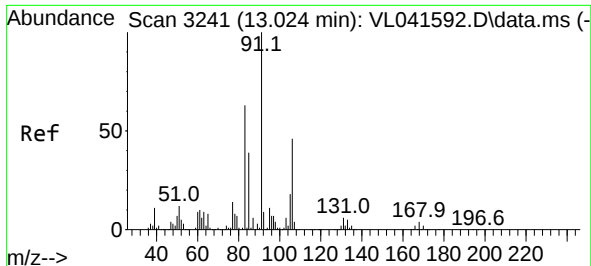
Tgt Ion:104 Resp: 3318
Ion Ratio Lower Upper
104 100
78 86.2 39.8 59.6#
103 0.0 37.4 56.0#



#62
Isopropylbenzene
Concen: 0.027 ppbv
RT: 14.005 min Scan# 3546
Delta R.T. 0.000 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion:105 Resp: 10873
Ion Ratio Lower Upper
105 100
120 54.1 20.9 31.3#

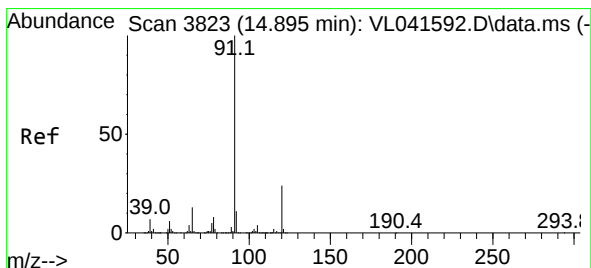
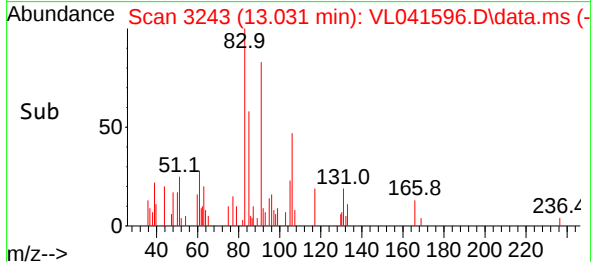
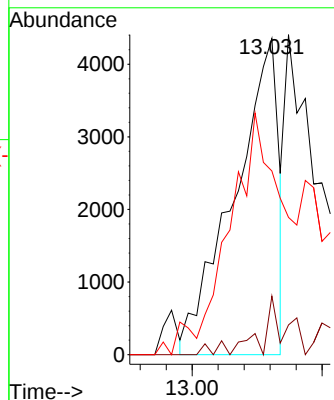
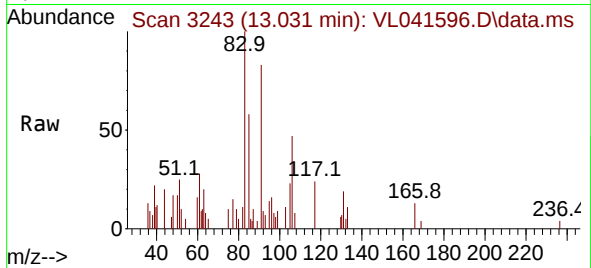




#63
1,1,2,2-Tetrachloroethane
Concen: 0.032 ppbv
RT: 13.031 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

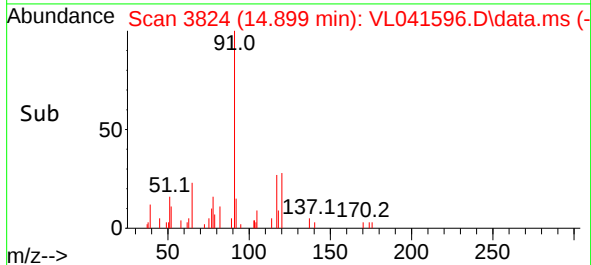
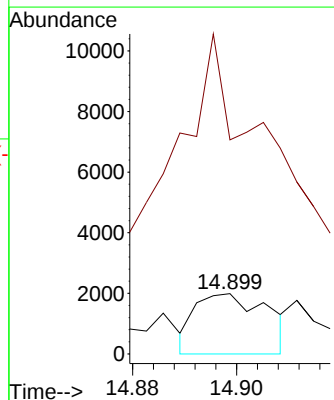
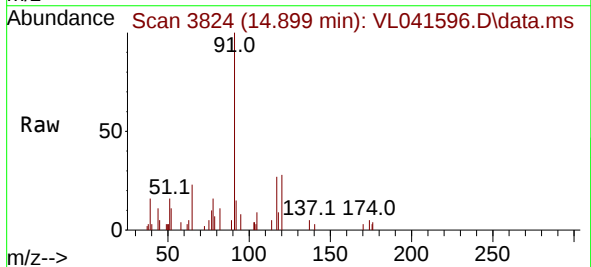
Instrument :
MSVOA_L
ClientSampleId :

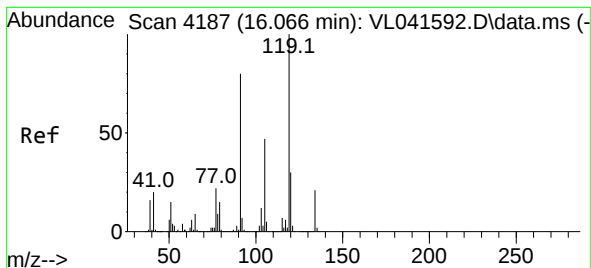
Tgt Ion: 83 Resp: 5172
Ion Ratio Lower Upper
83 100
131 10.8 4.8 14.4
85 153.2 32.5 97.4#



#64
n-propylbenzene
Concen: 0.019 ppbv
RT: 14.899 min Scan# 3824
Delta R.T. 0.003 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion: 120 Resp: 1929
Ion Ratio Lower Upper
120 100
91 1152.8 366.4 549.6#





#65

tert-Butylbenzene

Concen: 0.018 ppbv

RT: 16.072 min Scan# 4189

Delta R.T. 0.006 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

ClientSampleId :

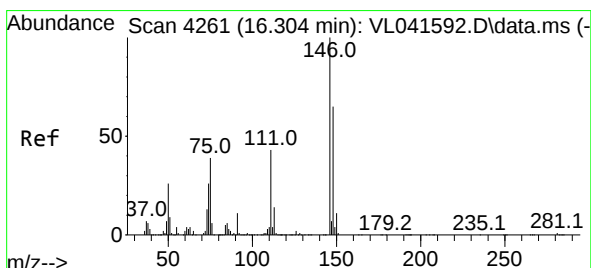
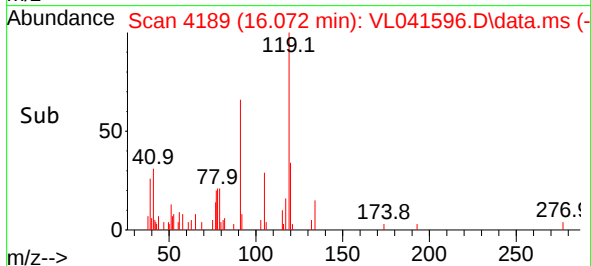
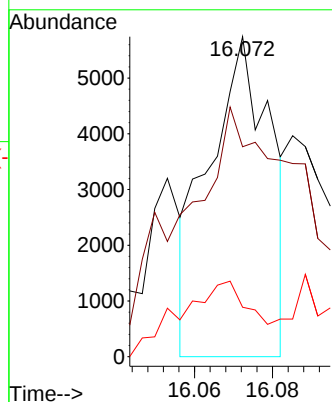
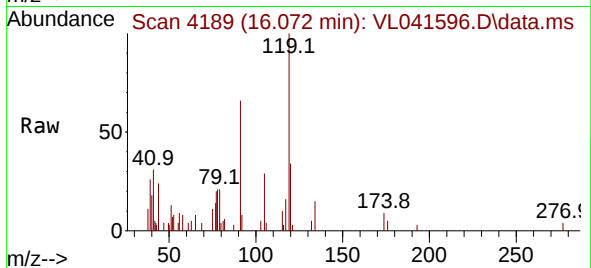
Tgt Ion:119 Resp: 6329

Ion Ratio Lower Upper

119 100

91 206.9 64.6 96.8#

134 0.0 15.8 23.8#



#66

Benzyl Chloride

Concen: 0.006 ppbv

RT: 16.304 min Scan# 4261

Delta R.T. 0.000 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

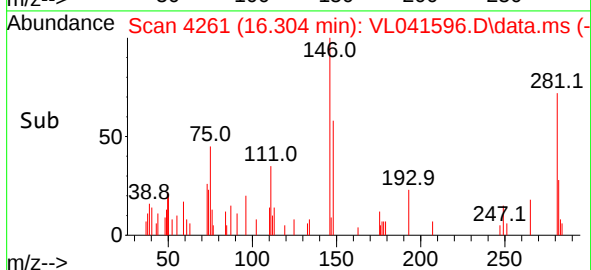
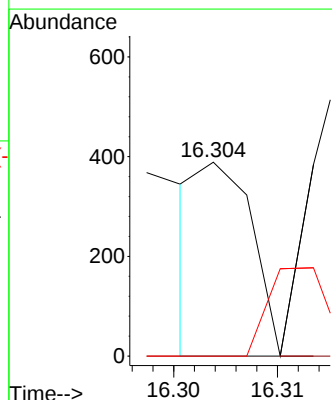
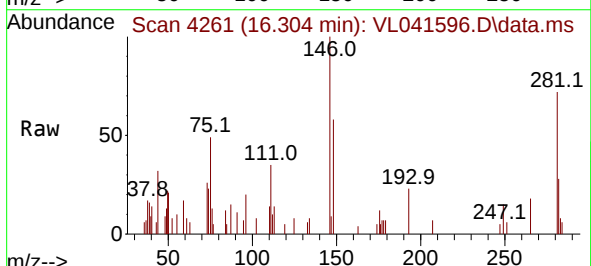
Tgt Ion: 91 Resp: 137

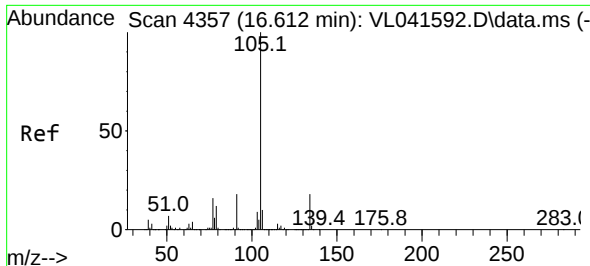
Ion Ratio Lower Upper

91 100

126 0.0 15.4 23.2#

128 0.0 4.8 7.2#





#67

sec-Butylbenzene

Concen: 0.008 ppbv

RT: 16.616 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

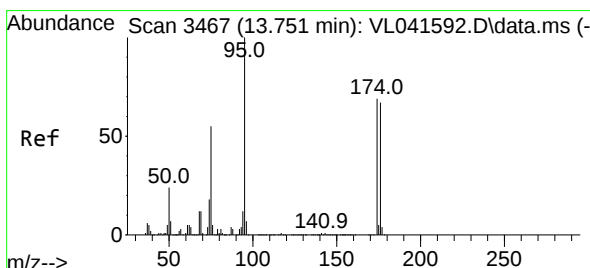
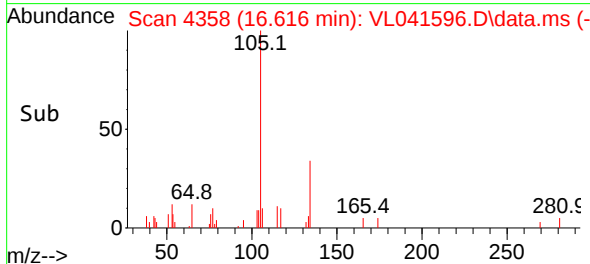
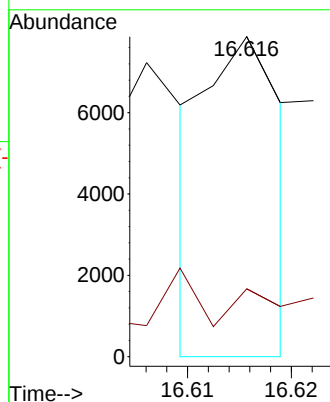
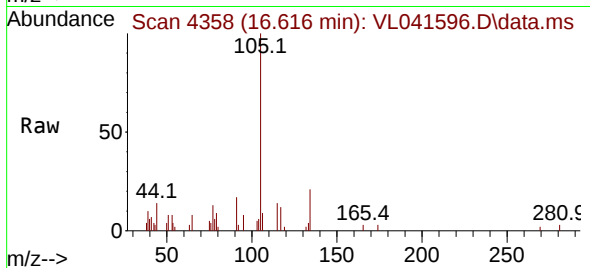
ClientSampleId :

Tgt Ion:105 Resp: 4010

Ion Ratio Lower Upper

105 100

134 0.0 14.6 21.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.823 ppbv

RT: 13.754 min Scan# 3468

Delta R.T. 0.003 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

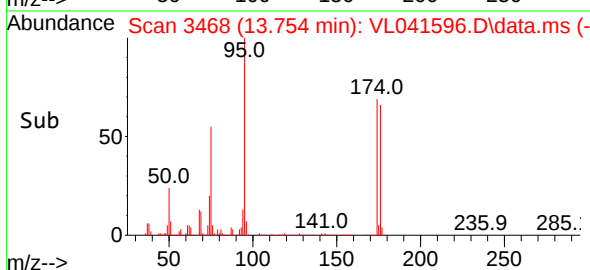
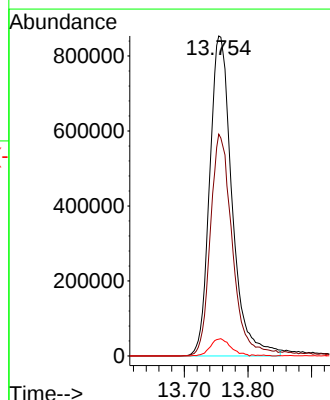
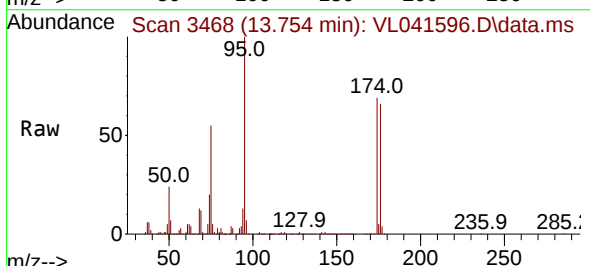
Tgt Ion: 95 Resp: 2086516

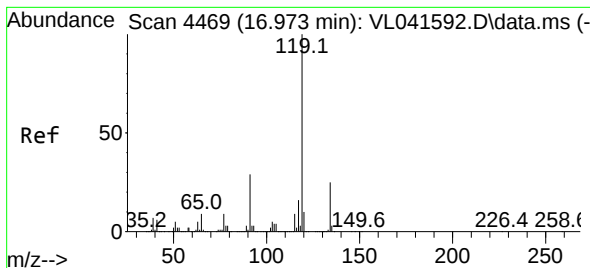
Ion Ratio Lower Upper

95 100

174 70.3 55.8 83.8

175 5.0 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.018 ppbv

RT: 16.982 min Scan# 4469

Delta R.T. 0.010 min

Lab File: VL041596.D

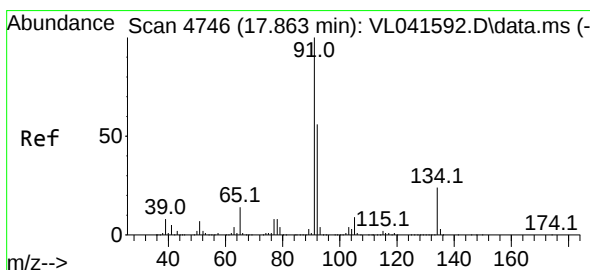
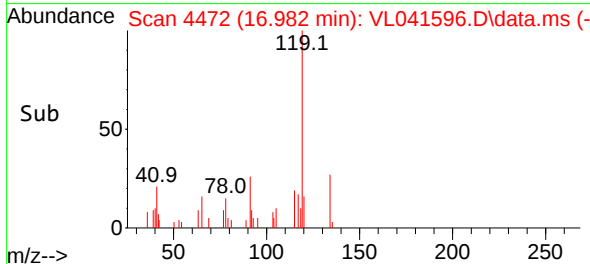
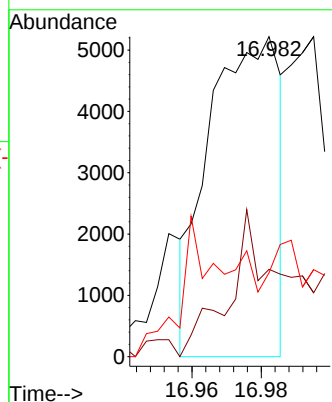
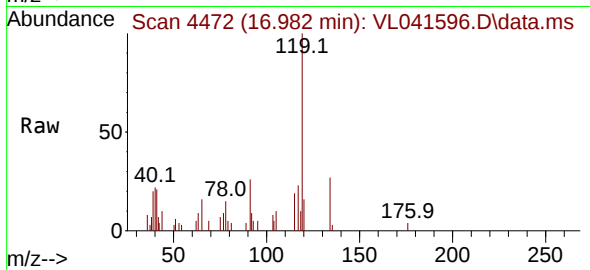
Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	7381
Ion	Ratio	Lower	Upper
119	100		
134	52.9	20.5	30.7#
91	0.0	23.1	34.7#



#70

n-Butylbenzene

Concen: 0.008 ppbv

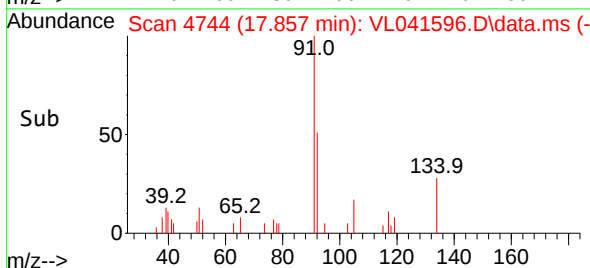
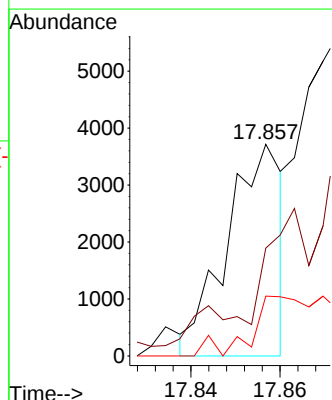
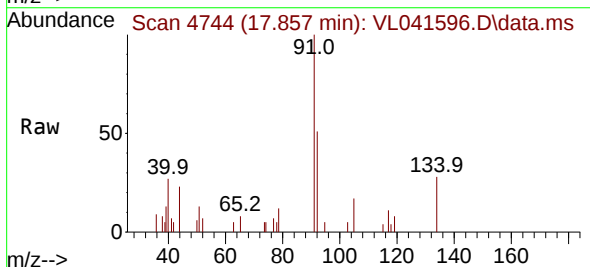
RT: 17.857 min Scan# 4744

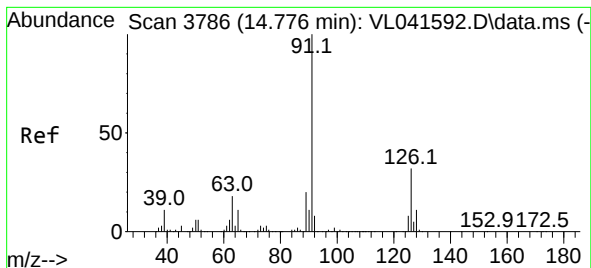
Delta R.T. -0.006 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Tgt Ion:	91	Resp:	3173
Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.2	64.8#
134	0.0	18.6	27.8#





#71

2-Chlorotoluene

Concen: 0.007 ppbv

RT: 14.777 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

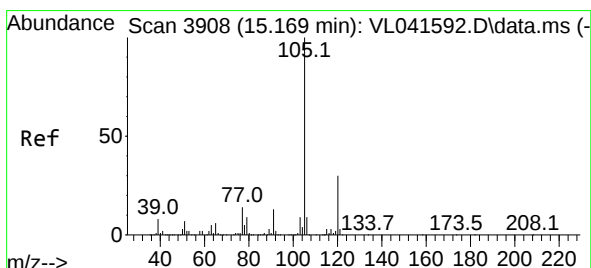
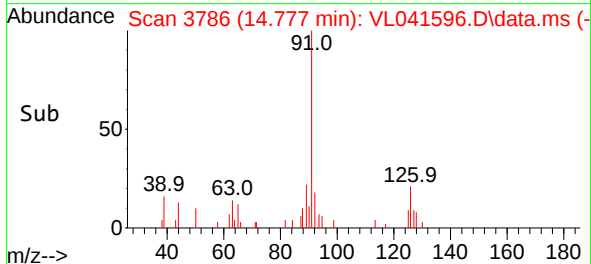
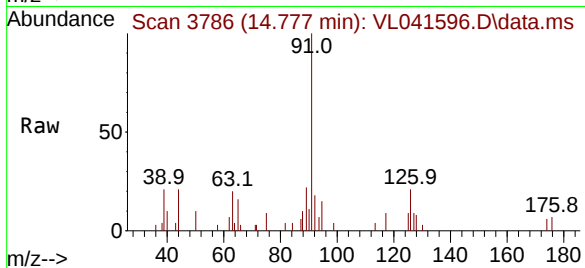
ClientSampleId :

Tgt Ion: 91 Resp: 2167

Ion Ratio Lower Upper

91 100

126 0.0 12.9 51.5#



#72

4-Ethyltoluene

Concen: 0.010 ppbv

RT: 15.169 min Scan# 3908

Delta R.T. 0.000 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Tgt Ion: 105 Resp: 3243

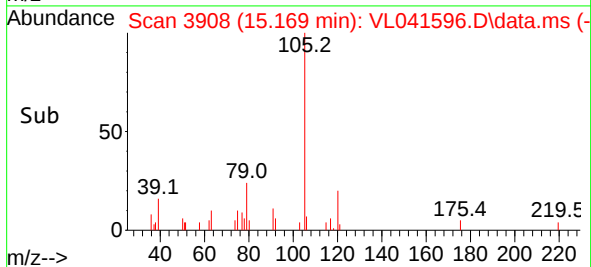
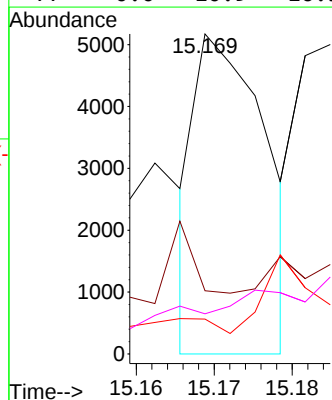
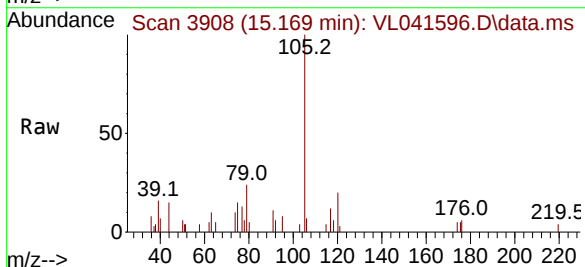
Ion Ratio Lower Upper

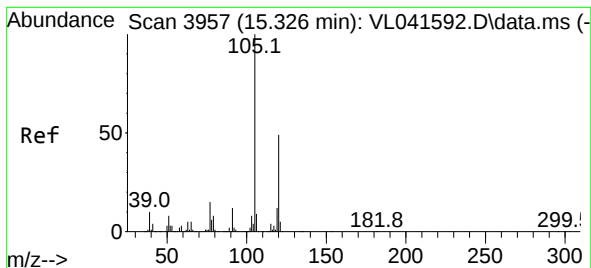
105 100

120 103.8 24.1 36.1#

91 0.0 10.2 15.2#

77 0.0 10.9 16.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.007 ppbv

RT: 15.323 min Scan# 3956

Delta R.T. -0.003 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

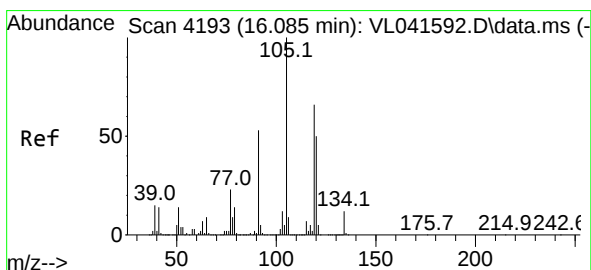
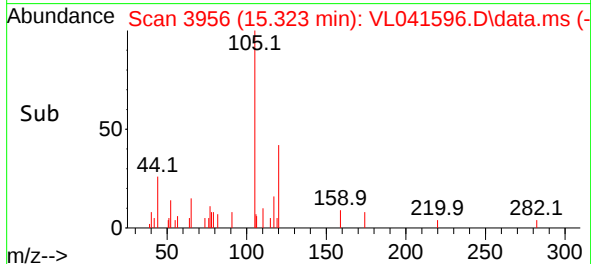
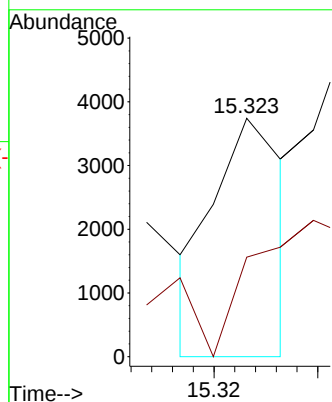
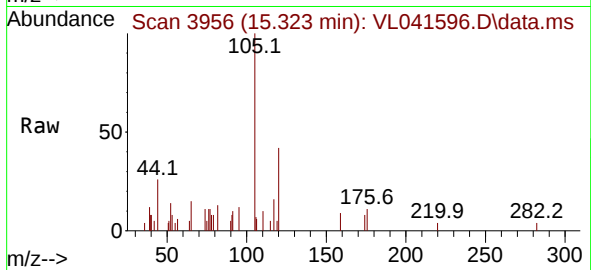
ClientSampleId :

Tgt Ion:105 Resp: 1782

Ion Ratio Lower Upper

105 100

120 13.5 39.4 59.0#



#74

1,2,4-Trimethylbenzene

Concen: 0.004 ppbv

RT: 16.085 min Scan# 4193

Delta R.T. 0.000 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Tgt Ion:105 Resp: 1270

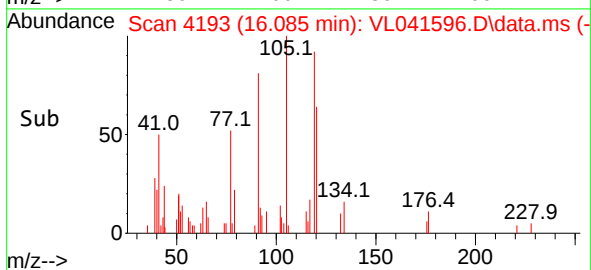
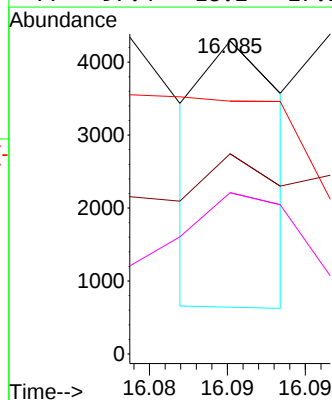
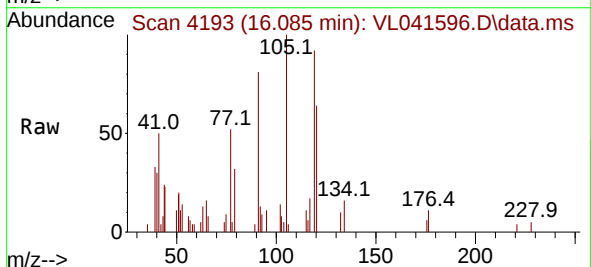
Ion Ratio Lower Upper

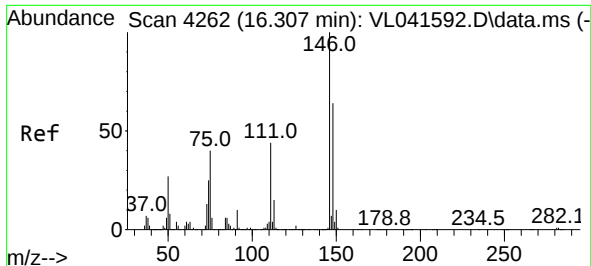
105 100

120 75.9 39.9 59.9#

91 0.5 42.6 63.8#

77 97.4 18.2 27.2#

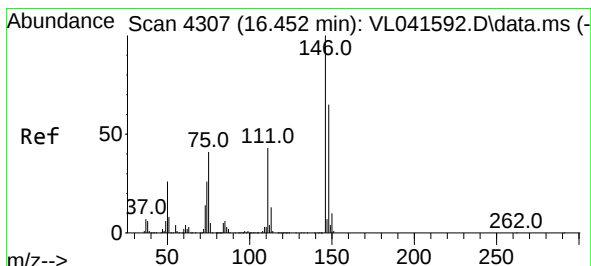
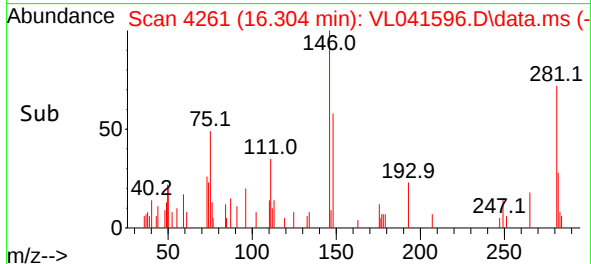
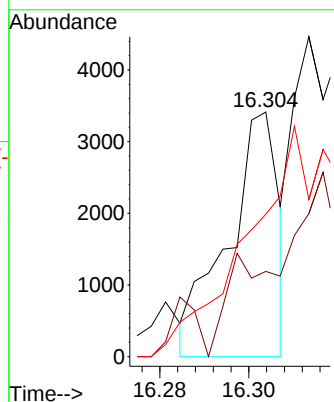
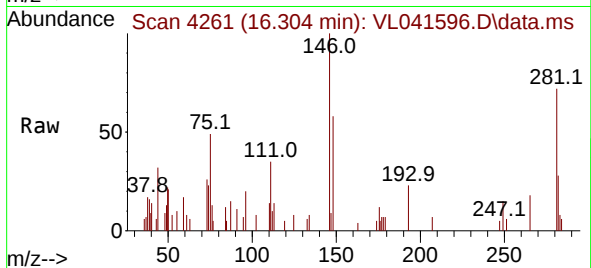




#75
1,3-Dichlorobenzene
Concen: 0.014 ppbv
RT: 16.304 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

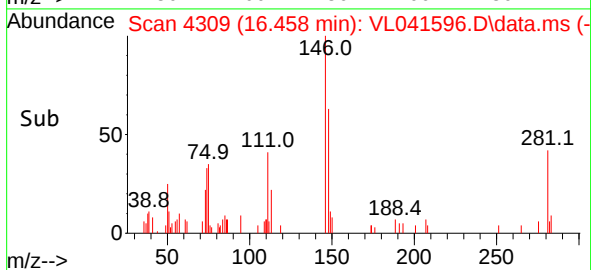
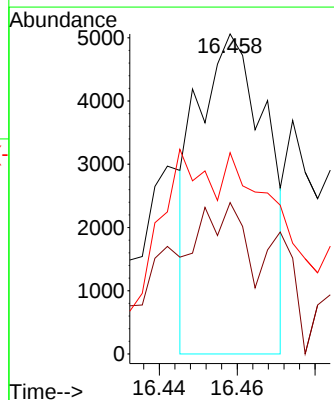
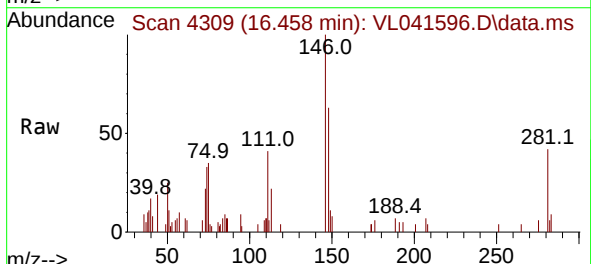
Instrument :
MSVOA_L
ClientSampleId :

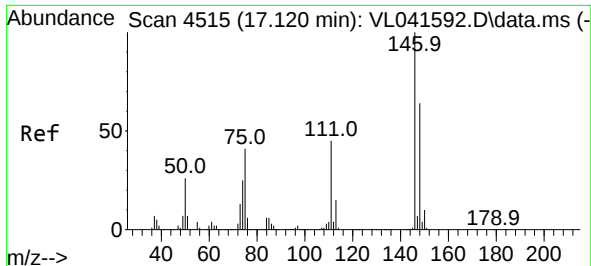
Tgt Ion:146 Resp: 2710
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.0#
148 0.0 32.1 96.5#



#76
1,4-Dichlorobenzene
Concen: 0.033 ppbv
RT: 16.458 min Scan# 4309
Delta R.T. 0.006 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion:146 Resp: 6250
Ion Ratio Lower Upper
146 100
111 108.5 22.4 67.3#
148 0.0 32.8 98.4#

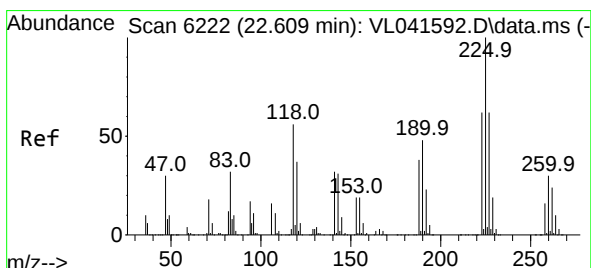
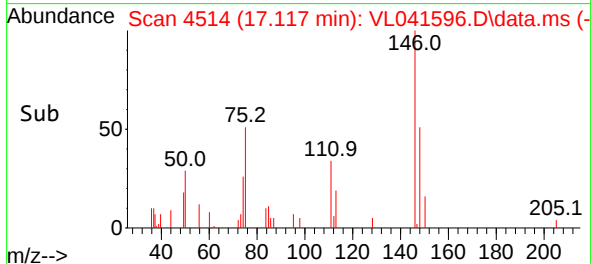
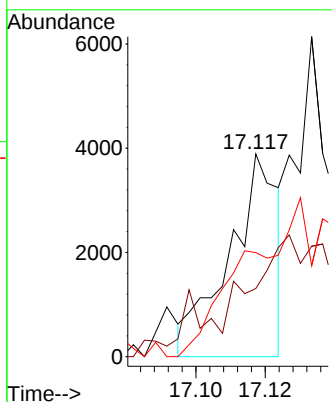
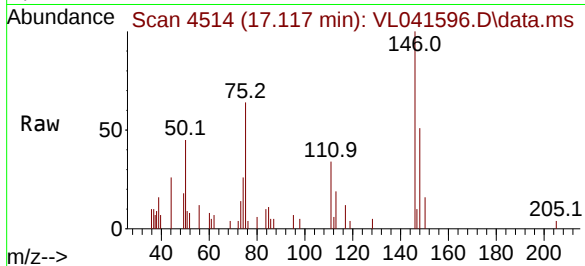




#77
1,2-Dichlorobenzene
Concen: 0.020 ppbv
RT: 17.117 min Scan# 4514
Delta R.T. -0.003 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

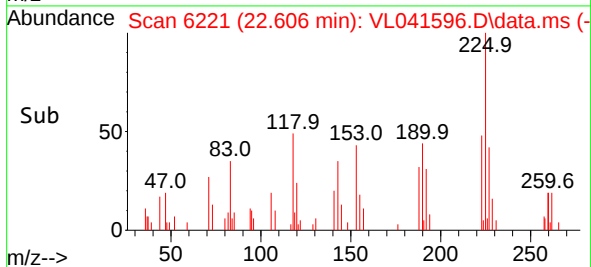
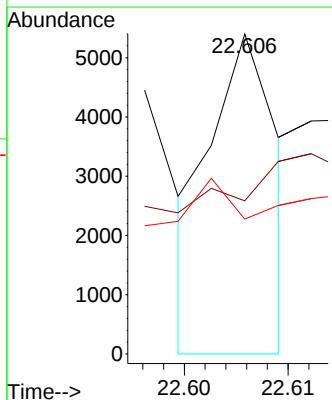
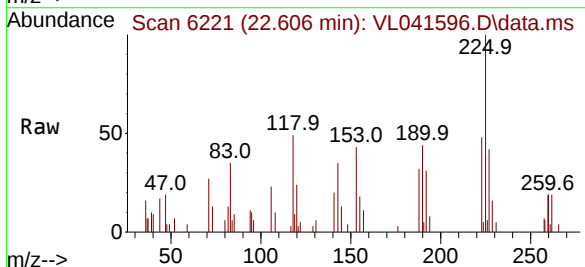
Instrument :
MSVOA_L
ClientSampleId :

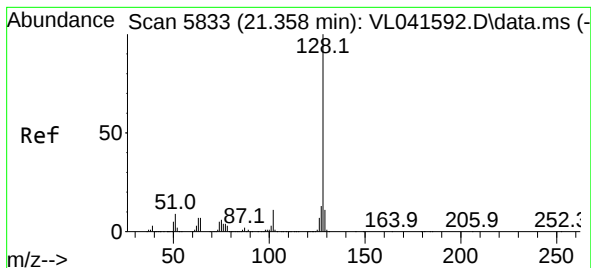
Tgt Ion:146 Resp: 3756
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.0#
148 0.0 32.5 97.4#



#78
Hexachloro-1,3-Butadiene
Concen: 0.015 ppbv
RT: 22.606 min Scan# 6221
Delta R.T. -0.003 min
Lab File: VL041596.D
Acq: 16 Sep 2024 15:56

Tgt Ion:225 Resp: 2427
Ion Ratio Lower Upper
225 100
223 420.0 50.6 75.8#
227 0.0 50.9 76.3#





#79

Naphthalene

Concen: 0.006 ppbv

RT: 21.361 min Scan# 5834

Delta R.T. 0.003 min

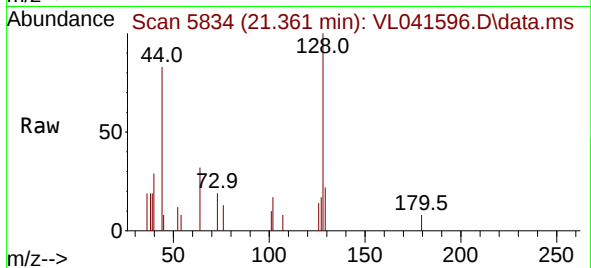
Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

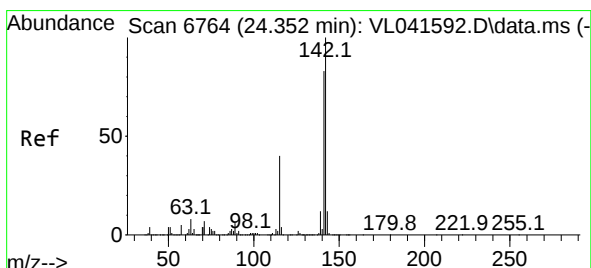
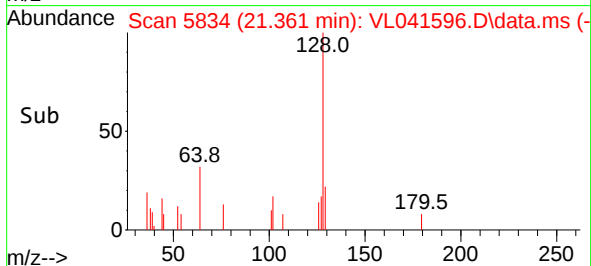
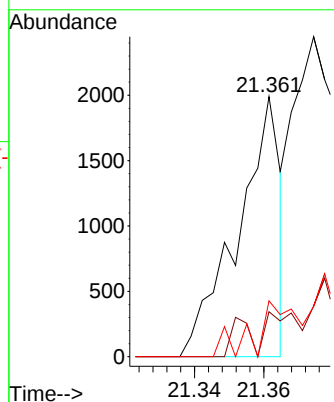
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:	128	Resp:	1695
Ion Ratio	Lower	Upper	
128	100		
127	17.3	10.1	15.1#
129	21.5	9.1	13.7#



#80

Naphthalene,2-methyl-

Concen: 0.005 ppbv

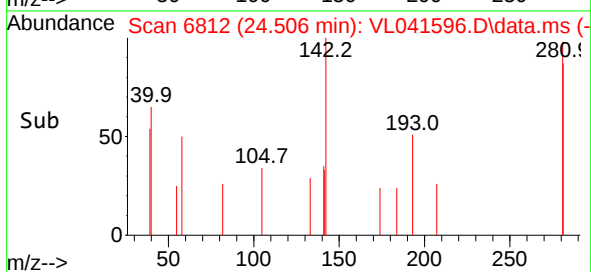
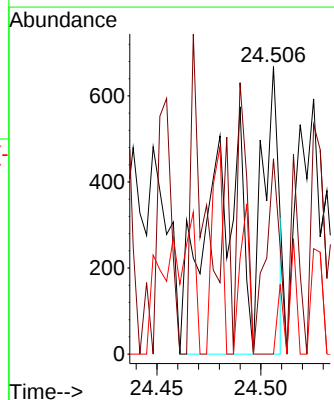
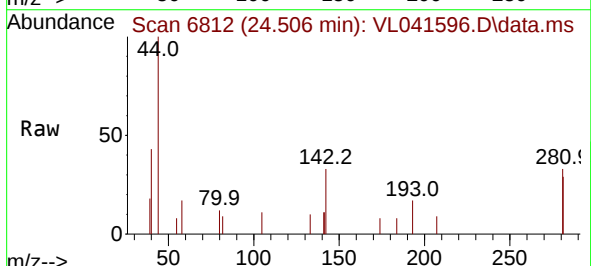
RT: 24.506 min Scan# 6812

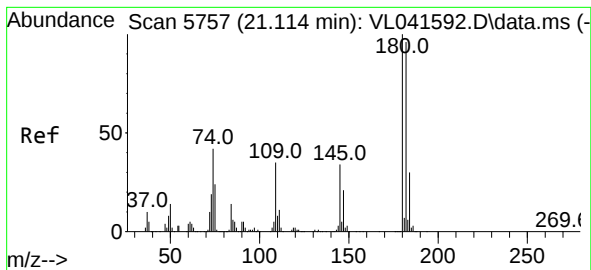
Delta R.T. 0.154 min

Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Tgt Ion:	142	Resp:	977
Ion Ratio	Lower	Upper	
142	100		
141	99.4	66.3	99.5
115	40.1	31.4	47.2





#81

1,2,4-Trichlorobenzene

Concen: 0.003 ppbv

RT: 21.117 min Scan# 51

Delta R.T. 0.003 min

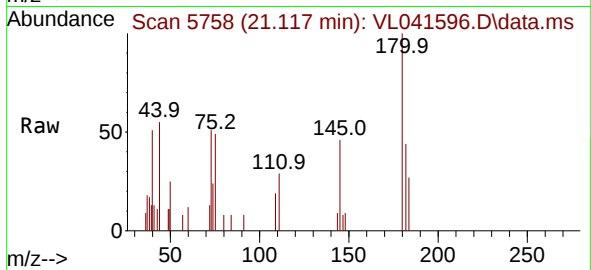
Lab File: VL041596.D

Acq: 16 Sep 2024 15:56

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 462

Ion Ratio Lower Upper

180 100

182 0.0 76.5 114.7#

184 0.0 24.7 37.1#

