

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041592.D
 Acq On : 16 Sep 2024 13:15
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 17 04:25:20 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	5.169	49	1153662	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.629	114	3191034	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.445	117	3670621	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	2284732	8.145	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	81.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.709	85	1512734	7.724	ppbv	100
3) Chlorodifluoromethane	2.652	51	1273490	9.220	ppbv	100
4) Chloromethane	2.790	50	704969	9.499	ppbv	100
5) Vinyl Chloride	2.896	62	676970	9.366	ppbv	100
6) Bromomethane	3.095	94	316373	8.660	ppbv	100
7) Chloroethane	3.172	64	246025	9.802	ppbv	100
8) Dichlorotetrafluoroethane	2.835	85	1640863	9.280	ppbv	100
9) Propene	2.671	41	591499	9.296	ppbv	100
10) Heptane	7.555	43	1465058	10.218	ppbv	100
11) Trichlorofluoromethane	3.539	101	1648291	9.296	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.041	101	1199947	9.385	ppbv	100
13) Ethanol	3.224	45	12324	2.315	ppbv #	37
14) Bromoethene	3.343	108	488418	9.820	ppbv	100
15) Acetone	3.443	43	1184767	8.990	ppbv	100
16) 1,3-Butadiene	2.963	39	668292	9.469	ppbv	100
17) tert-Butyl alcohol	3.851	59	1256999	10.440	ppbv	100
18) 1,1-Dichloroethene	3.857	96	549303	10.028	ppbv	100
19) Isopropyl Alcohol	3.552	45	721155	9.470	ppbv	100
20) Methylene Chloride	3.909	84	447422	9.082	ppbv	100
21) Allyl Chloride	3.973	41	846436	9.826	ppbv	100
22) trans-1,2-Dichloroethene	4.420	96	531058	9.732	ppbv	100
23) Vinyl Acetate	4.603	43	796205	8.326	ppbv	100
24) 1,1-Dichloroethane	4.539	63	1144566	9.614	ppbv	100
25) Ethyl Acetate	5.179	43	2636978	9.977	ppbv	100
26) Hexane	5.188	57	1069971	9.824	ppbv	100
27) Carbon Disulfide	4.098	76	1278721	10.141	ppbv	100
28) Methyl tert-Butyl Ether	4.561	73	643194	9.433	ppbv	100
29) Chloroform	5.250	83	1680555	9.485	ppbv	100
30) Cyclohexane	6.577	84	905301	10.235	ppbv	100
31) cis-1,2-Dichloroethene	5.053	61	1038715	9.711	ppbv	100
32) 1,1,1-Trichloroethane	5.979	97	1658808	9.635	ppbv	100
34) 2-Butanone	4.761	43	1501240	9.714	ppbv	100
35) Carbon Tetrachloride	6.471	117	1733798	9.862	ppbv	100
36) Benzene	6.346	78	2276805	9.741	ppbv	100
37) 1,2-Dichloroethane	5.783	62	1272445	9.723	ppbv	100
38) Trichloroethene	7.266	130	1207402	11.030	ppbv	100
39) 1,2-Dichloropropane	7.050	63	877299	9.764	ppbv	100
40) 1,4-Dioxane	7.262	88	362562	10.129	ppbv #	100
41) Tetrahydrofuran	5.532	42	921404	10.354	ppbv	100
42) Bromodichloromethane	7.227	83	1829048	9.717	ppbv	100
43) Methyl Methacrylate	7.449	69	895478	10.728	ppbv	100
44) 2,2,4-Trimethylpentane	7.304	57	3860881	9.842	ppbv	100
45) t-1,3-Dichloropropene	8.687	75	786684	10.580	ppbv	100

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 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

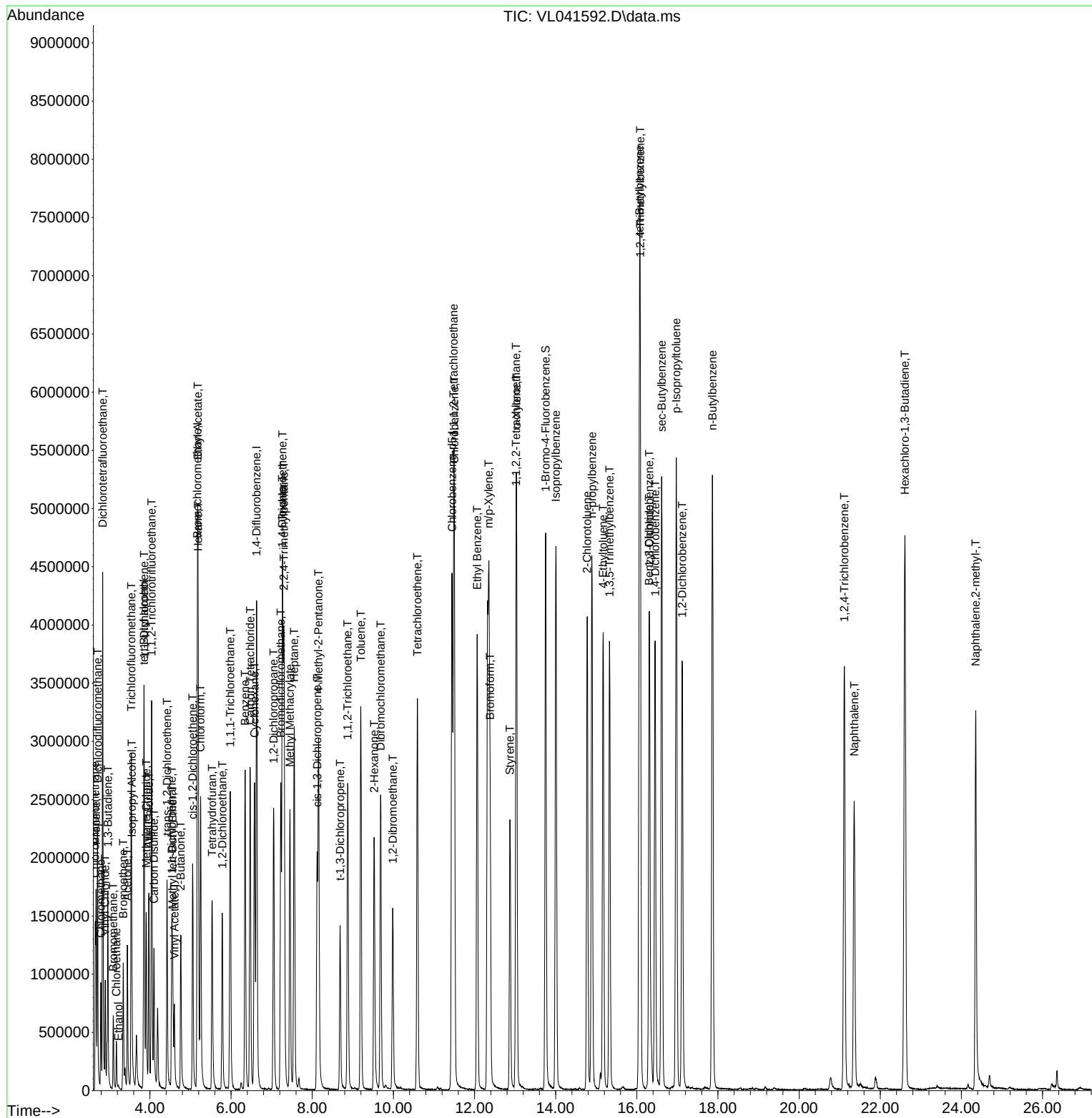
Instrument :
 MSVOA_L
 ClientSampleId :

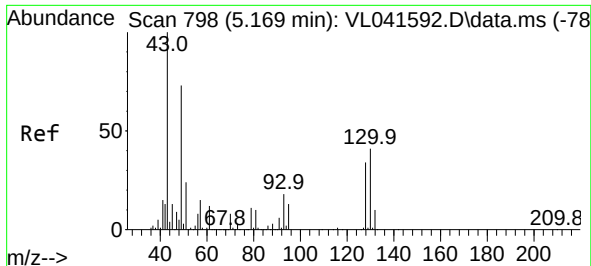
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 02:32:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.121	75	1127288	10.315	ppbv	100
47) 1,1,2-Trichloroethane	8.873	97	952785	9.656	ppbv	100
48) Dibromochloromethane	9.687	129	1573314	9.972	ppbv	100
49) Bromoform	12.384	173	1380117	10.374	ppbv	100
50) 4-Methyl-2-Pentanone	8.156	43	2529791	10.343	ppbv	100
51) 2-Hexanone	9.526	43	2011980	10.956	ppbv	100
52) Tetrachloroethene	10.590	164	852321	9.478	ppbv	100
53) Toluene	9.198	91	2661666	10.235	ppbv	100
54) 1,2-Dibromoethane	9.986	107	1299501	10.010	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.487	131	1161709	8.134	ppbv	100
57) Chlorobenzene	11.503	112	2103559	8.007	ppbv	100
58) Ethyl Benzene	12.066	91	3600157	8.476	ppbv	100
59) m/p-Xylene	12.346	91	3447190	9.406	ppbv #	46
60) o-Xylene	13.034	91	2948315	8.480	ppbv	100
61) Styrene	12.873	104	1437066	9.201	ppbv	100
62) Isopropylbenzene	14.005	105	4279685	8.118	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.024	83	1398913	6.590	ppbv	100
64) n-propylbenzene	14.895	120	1149808	8.351	ppbv	100
65) tert-Butylbenzene	16.066	119	3855478	8.100	ppbv	100
66) Benzyl Chloride	16.304	91	205903	7.196	ppbv	100
67) sec-Butylbenzene	16.612	105	5434135	8.266	ppbv	100
69) p-Isopropyltoluene	16.973	119	4544895	8.347	ppbv	100
70) n-Butylbenzene	17.863	91	4664460	8.353	ppbv	100
71) 2-Chlorotoluene	14.776	91	3221836	8.291	ppbv	100
72) 4-Ethyltoluene	15.169	105	3541706	8.682	ppbv	100
73) 1,3,5-Trimethylbenzene	15.326	105	3032119	8.627	ppbv	100
74) 1,2,4-Trimethylbenzene	16.085	105	3360833	8.218	ppbv	100
75) 1,3-Dichlorobenzene	16.307	146	2088291	8.135	ppbv	100
76) 1,4-Dichlorobenzene	16.452	146	2030349	8.175	ppbv	100
77) 1,2-Dichlorobenzene	17.120	146	2019099	7.943	ppbv	100
78) Hexachloro-1,3-Butadiene	22.609	225	1508307	6.984	ppbv	100
79) Naphthalene	21.358	128	3163696	8.942	ppbv	100
80) Naphthalene,2-methyl-	24.352	142	2300402	8.111	ppbv	100
81) 1,2,4-Trichlorobenzene	21.114	180	1667878	7.911	ppbv	100

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

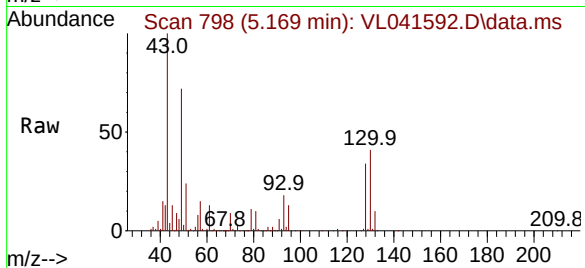
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QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration



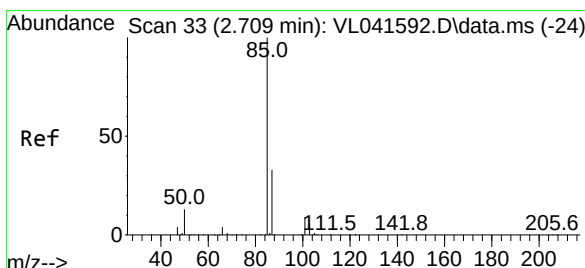
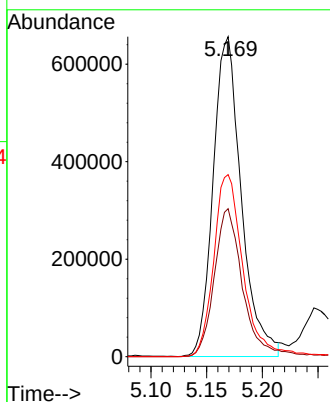
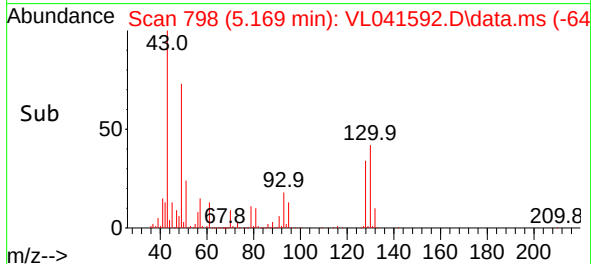


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.169 min Scan# 798
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :

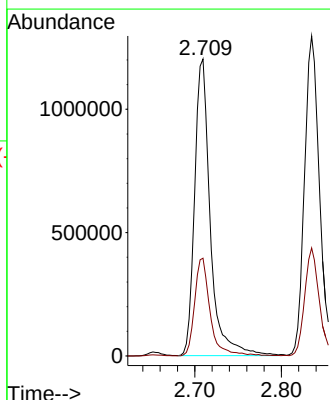
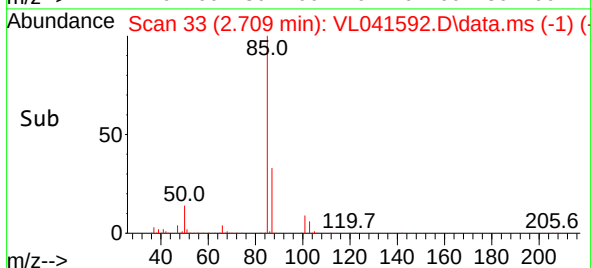
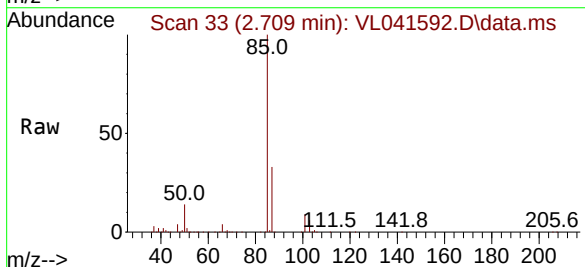


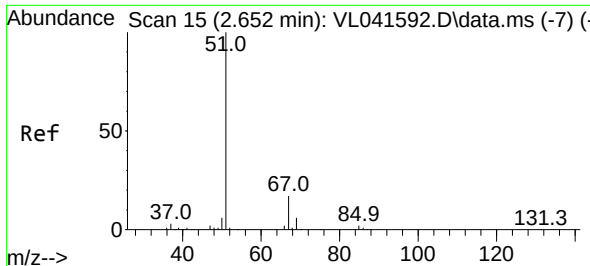
Tgt Ion: 49 Resp: 1153662
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.5
130 60.9 30.4 91.3



#2
Dichlorodifluoromethane
Concen: 7.724 ppbv
RT: 2.709 min Scan# 33
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 85 Resp: 1512734
Ion Ratio Lower Upper
85 100
87 32.9 26.3 39.5

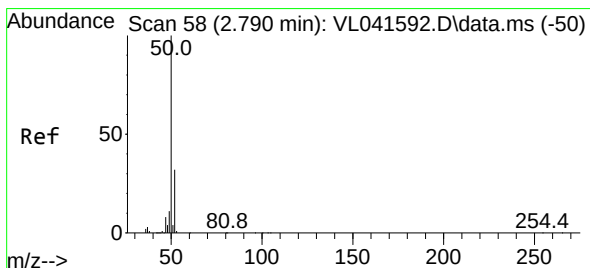
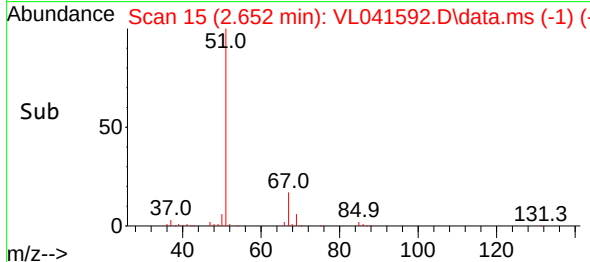
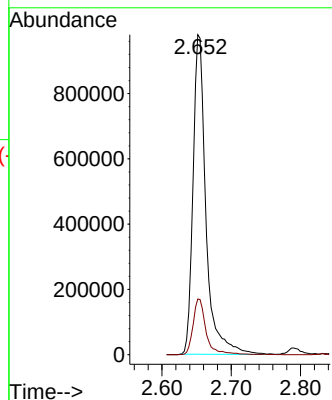
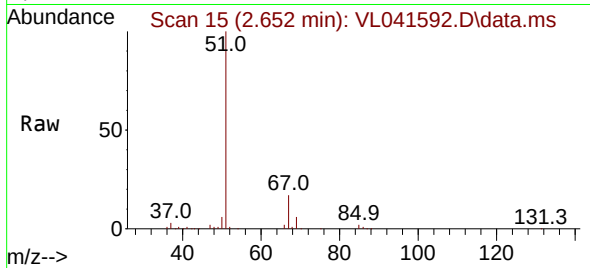




#3
Chlorodifluoromethane
Concen: 9.220 ppbv
RT: 2.652 min Scan# 15
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

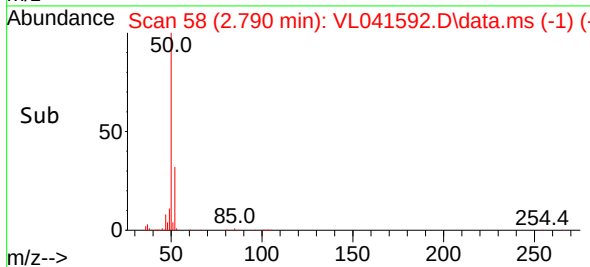
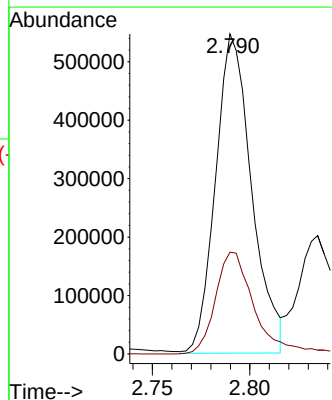
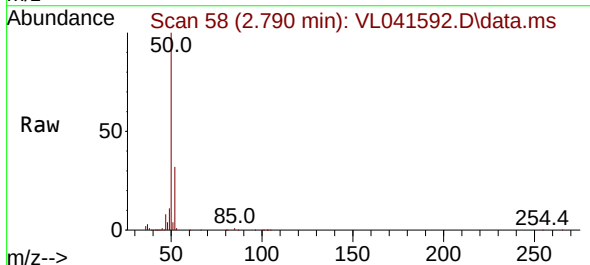
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ClientSampleId :

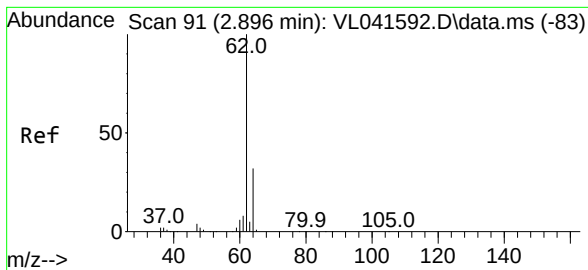
Tgt Ion: 51 Resp: 1273490
Ion Ratio Lower Upper
51 100
67 17.6 14.1 21.1



#4
Chloromethane
Concen: 9.499 ppbv
RT: 2.790 min Scan# 58
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 50 Resp: 704969
Ion Ratio Lower Upper
50 100
52 32.0 25.4 38.2

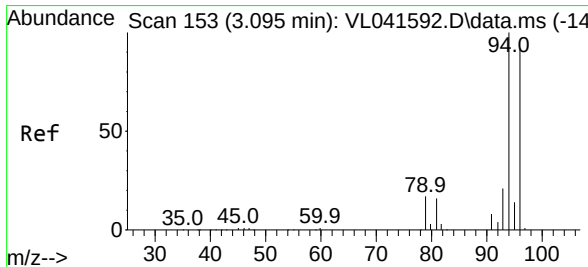
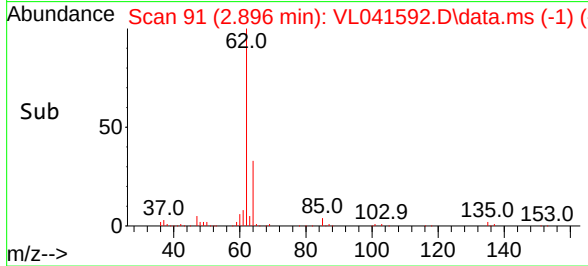
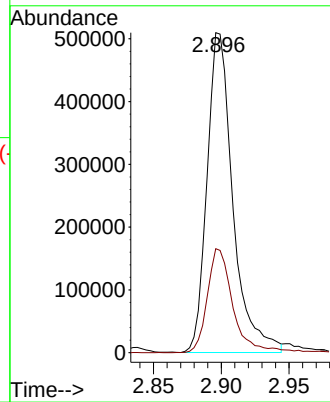
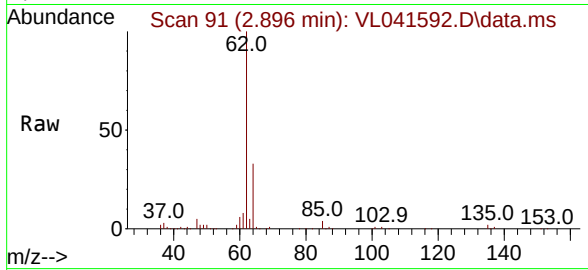




#5
 Vinyl Chloride
 Concen: 9.366 ppbv
 RT: 2.896 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

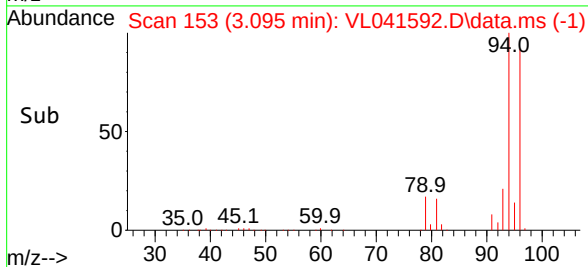
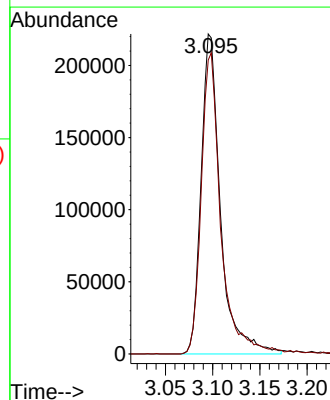
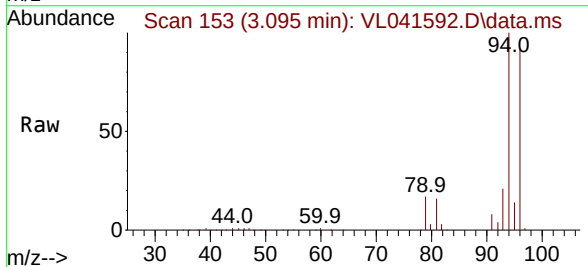
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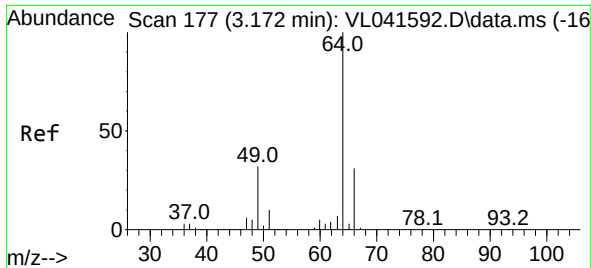
Tgt Ion: 62 Resp: 676970
 Ion Ratio Lower Upper
 62 100
 64 32.5 26.0 39.0



#6
 Bromomethane
 Concen: 8.660 ppbv
 RT: 3.095 min Scan# 153
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

Tgt Ion: 94 Resp: 316373
 Ion Ratio Lower Upper
 94 100
 96 91.8 73.4 110.2

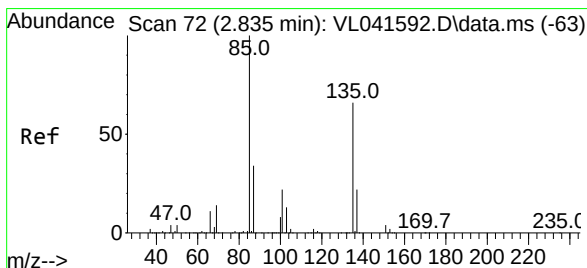
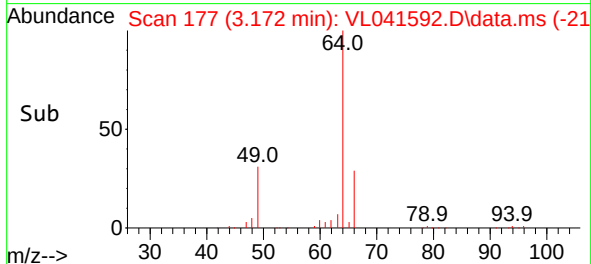
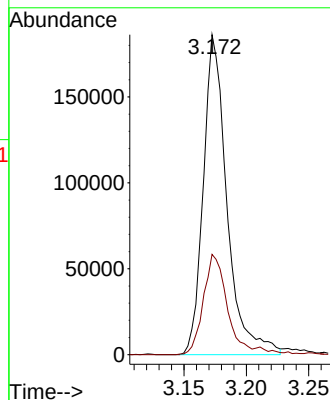
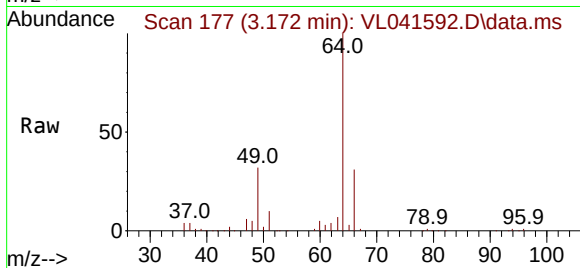




#7
Chloroethane
Concen: 9.802 ppbv
RT: 3.172 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

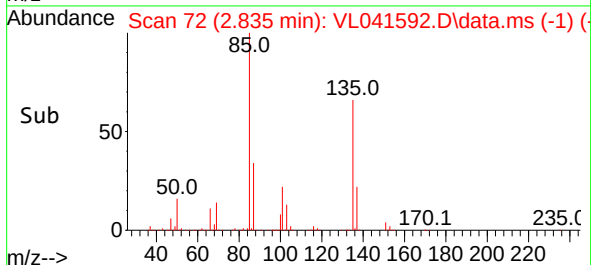
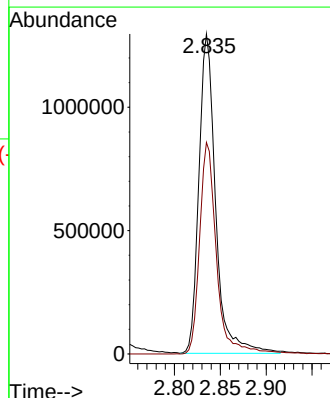
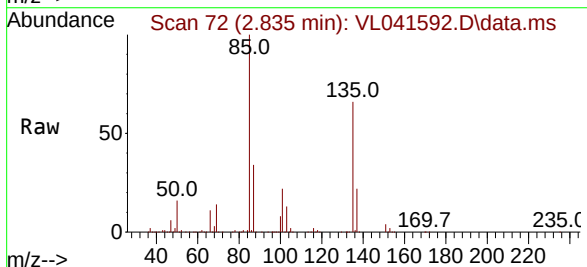
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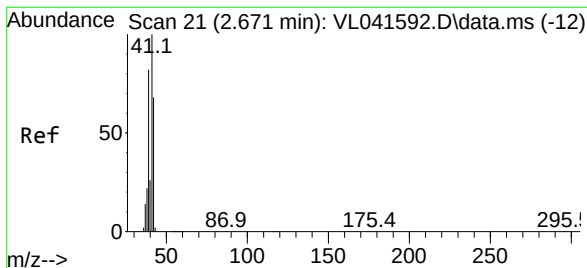
Tgt Ion: 64 Resp: 246025
Ion Ratio Lower Upper
64 100
66 31.4 25.1 37.7



#8
Dichlorotetrafluoroethane
Concen: 9.280 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 85 Resp: 1640863
Ion Ratio Lower Upper
85 100
135 67.4 53.9 80.9





#9

Propene

Concen: 9.296 ppbv

RT: 2.671 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

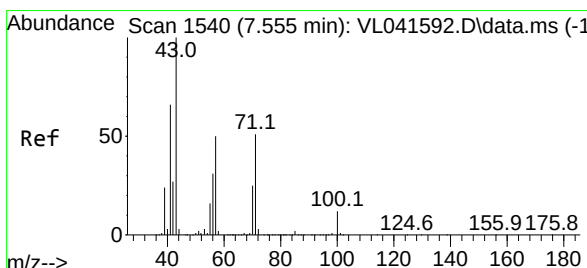
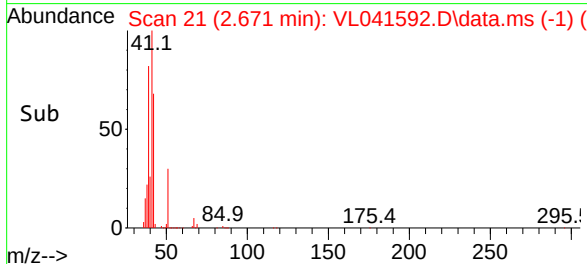
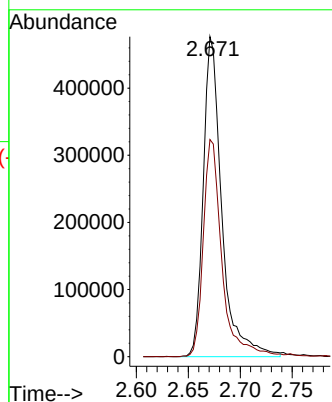
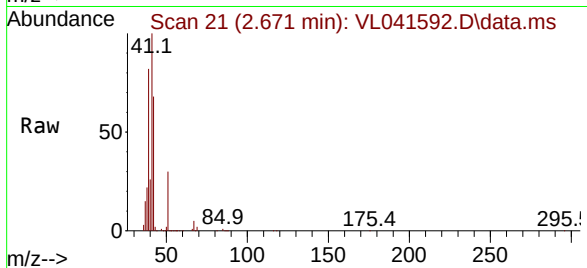
ClientSampleId :

Tgt Ion: 41 Resp: 591499

Ion Ratio Lower Upper

41 100

42 69.0 55.2 82.8



#10

Heptane

Concen: 10.218 ppbv

RT: 7.555 min Scan# 1540

Delta R.T. 0.000 min

Lab File: VL041592.D

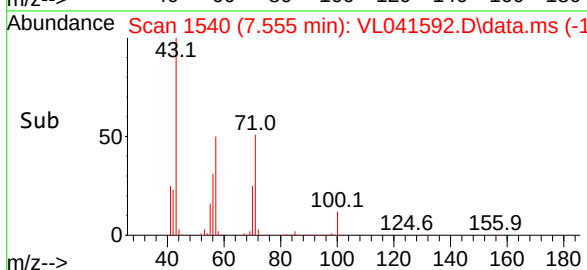
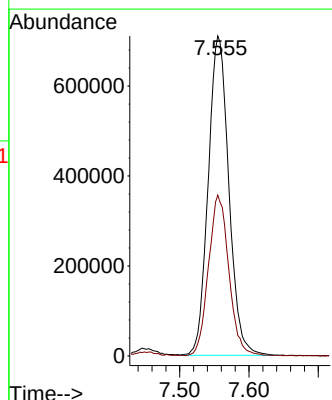
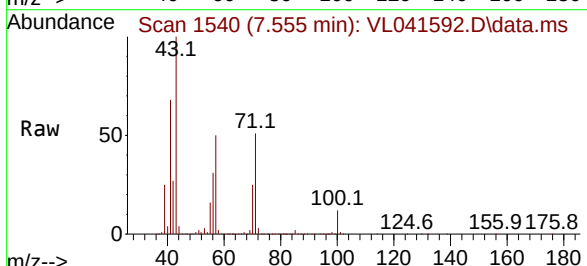
Acq: 16 Sep 2024 13:15

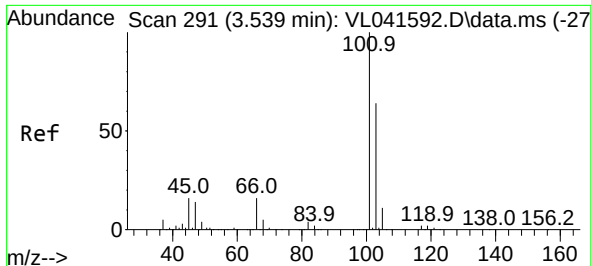
Tgt Ion: 43 Resp: 1465058

Ion Ratio Lower Upper

43 100

57 49.8 39.8 59.8

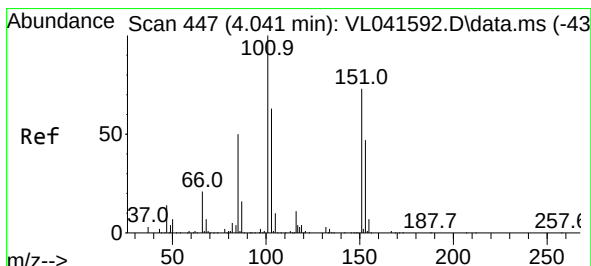
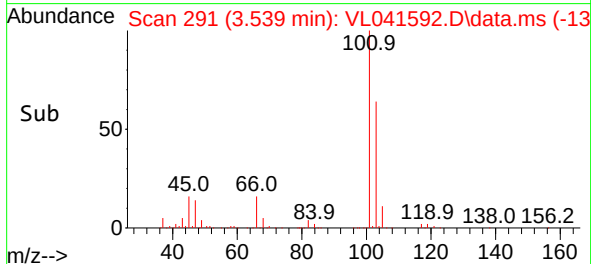
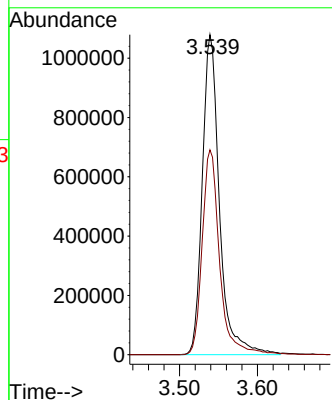
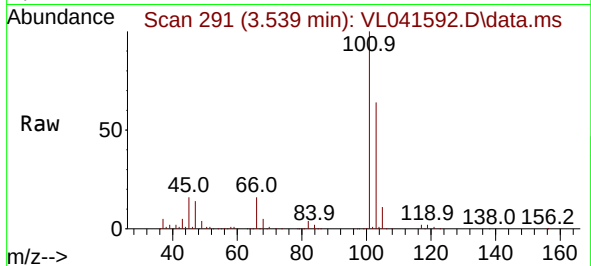




#11
 Trichlorofluoromethane
 Concen: 9.296 ppbv
 RT: 3.539 min Scan# 291
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

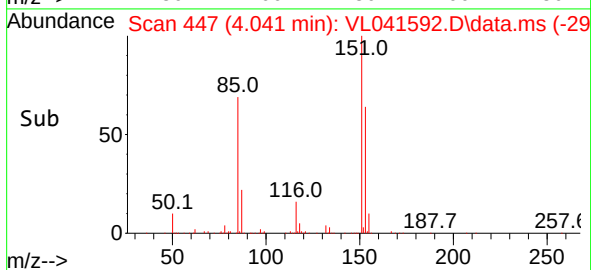
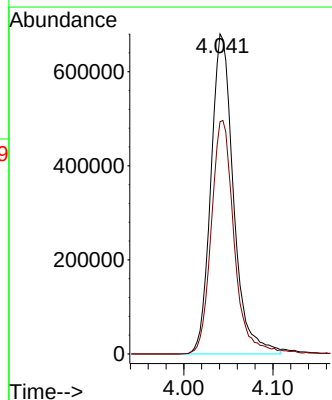
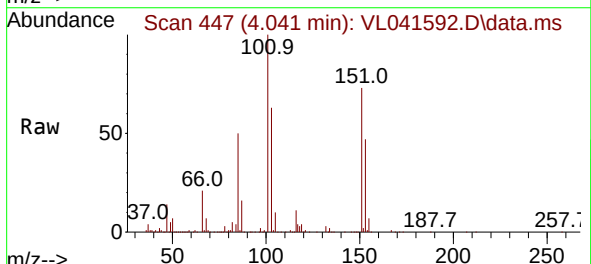
Instrument :
 MSVOA_L
 ClientSampleId :

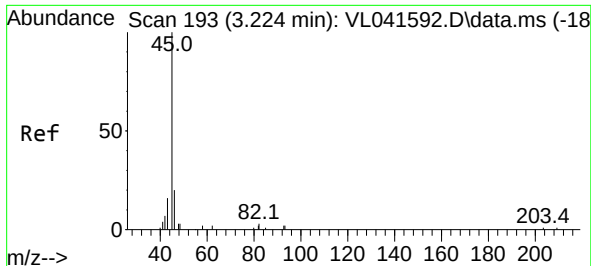
Tgt Ion:101 Resp: 1648291
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.385 ppbv
 RT: 4.041 min Scan# 447
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

Tgt Ion:101 Resp: 1199947
 Ion Ratio Lower Upper
 101 100
 151 74.3 59.4 89.2

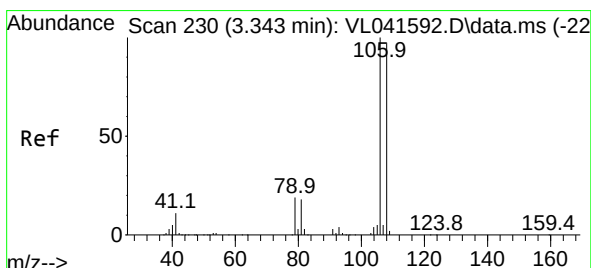
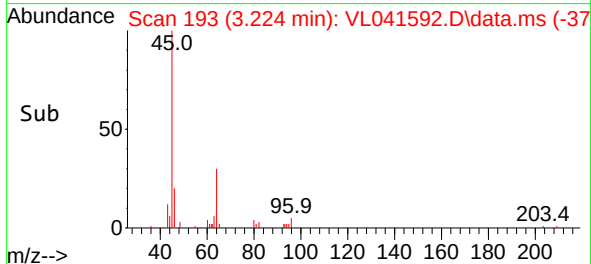
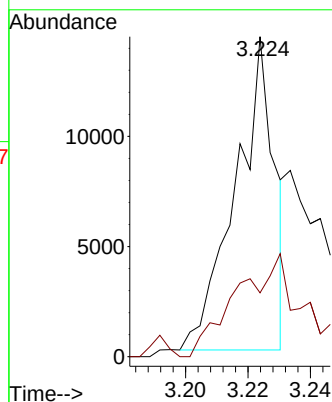
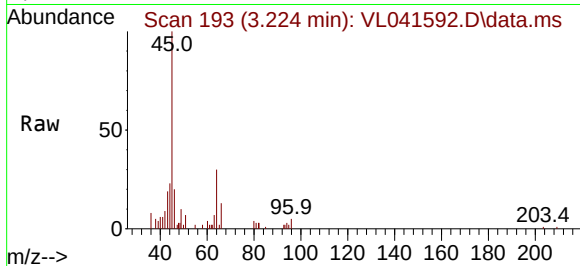




#13
Ethanol
Concen: 2.315 ppbv
RT: 3.224 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

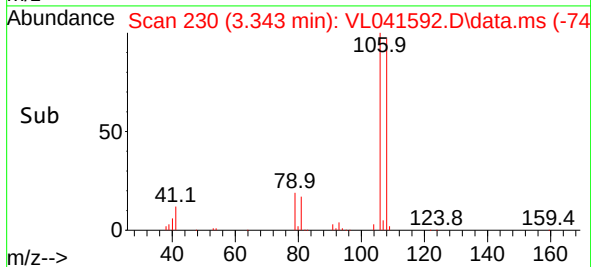
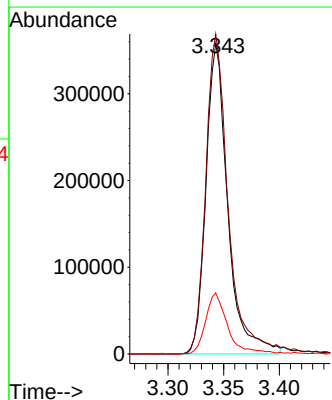
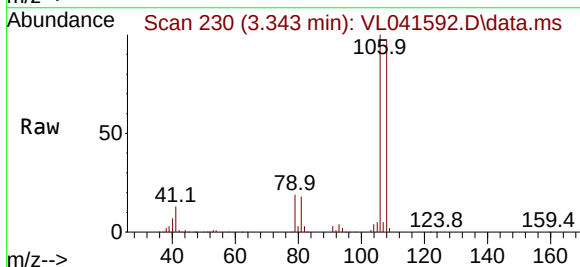
Instrument :
MSVOA_L
ClientSampleId :

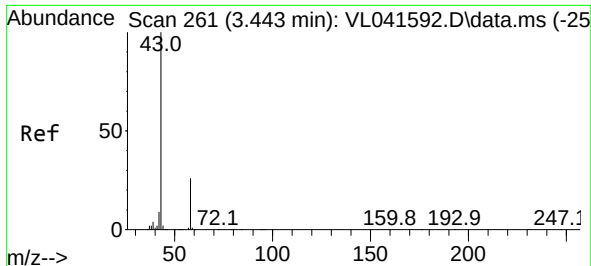
Tgt Ion: 45 Resp: 12324
Ion Ratio Lower Upper
45 100
46 76.2 15.2 60.8#



#14
Bromoethene
Concen: 9.820 ppbv
RT: 3.343 min Scan# 230
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion:108 Resp: 488418
Ion Ratio Lower Upper
108 100
106 108.1 86.5 129.7
79 20.3 16.2 24.4

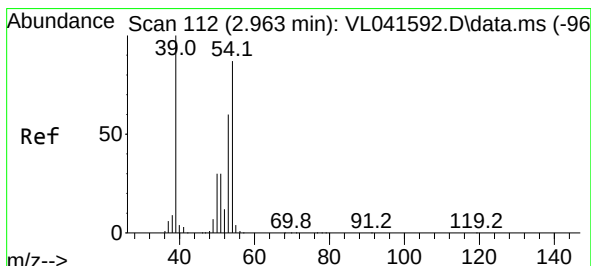
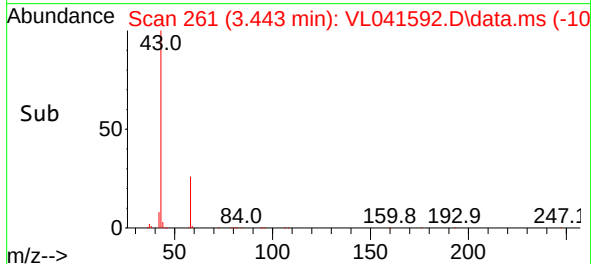
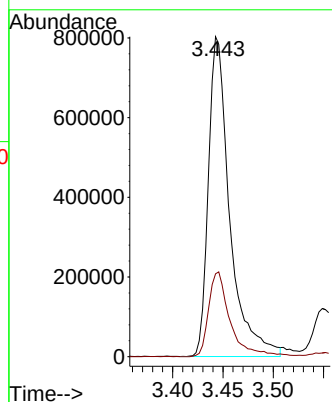
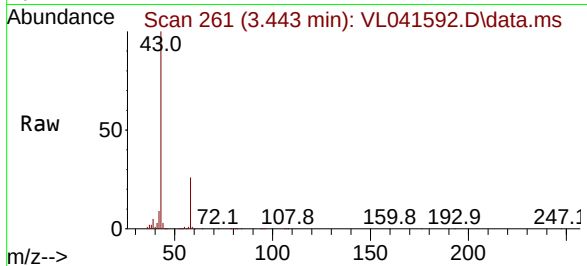




#15
Acetone
Concen: 8.990 ppbv
RT: 3.443 min Scan# 261
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

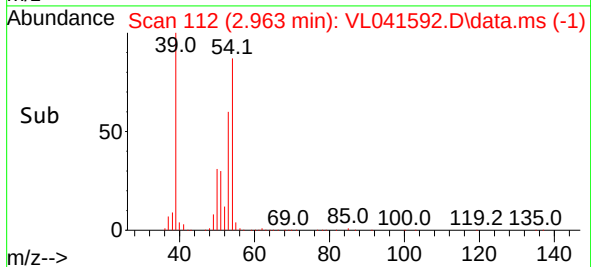
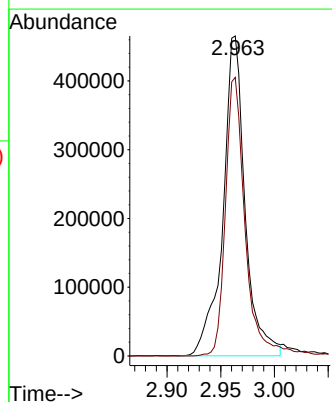
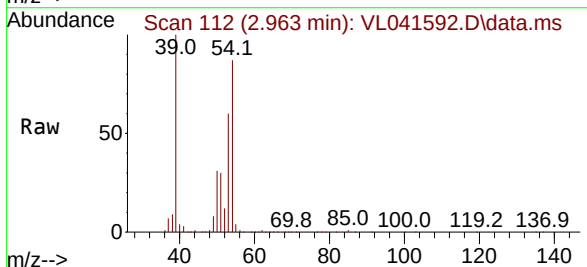
Instrument :
MSVOA_L
ClientSampleId :

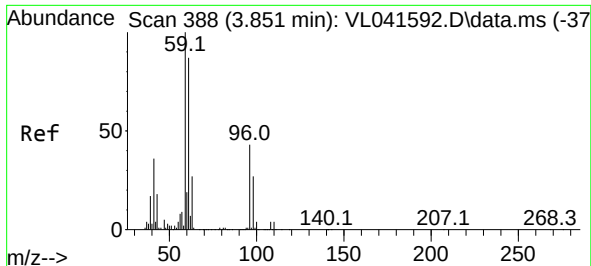
Tgt Ion: 43 Resp: 1184767
Ion Ratio Lower Upper
43 100
58 26.9 21.5 32.3



#16
1,3-Butadiene
Concen: 9.469 ppbv
RT: 2.963 min Scan# 112
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 39 Resp: 668292
Ion Ratio Lower Upper
39 100
54 78.6 62.9 94.3





#17

tert-Butyl alcohol

Concen: 10.440 ppbv

RT: 3.851 min Scan# 388

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

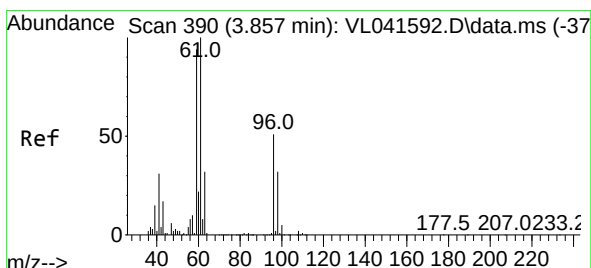
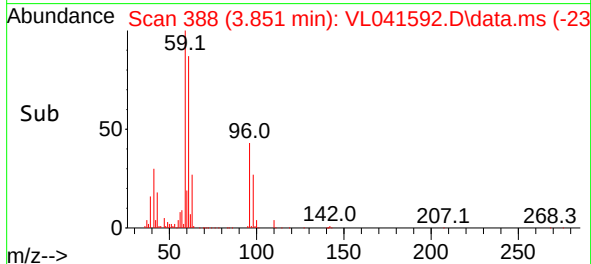
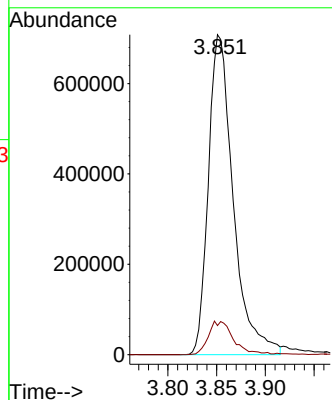
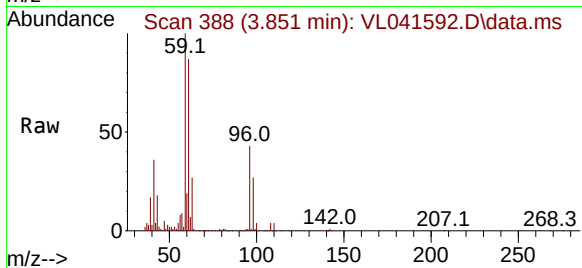
ClientSampleId :

Tgt Ion: 59 Resp: 1256999

Ion Ratio Lower Upper

59 100

57 10.9 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.028 ppbv

RT: 3.857 min Scan# 390

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

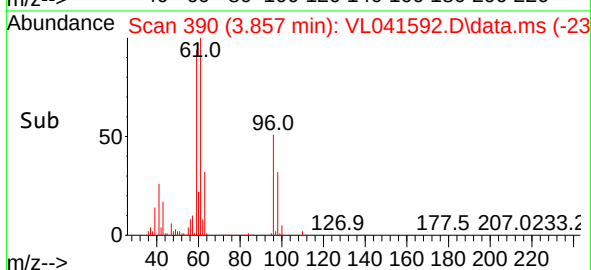
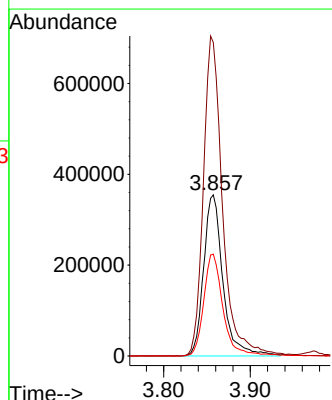
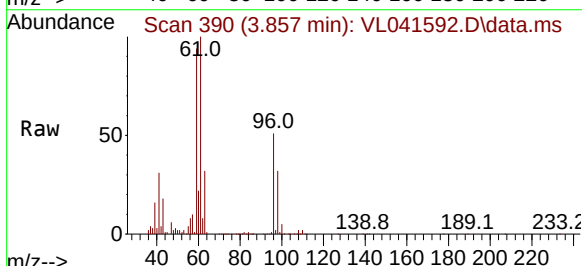
Tgt Ion: 96 Resp: 549303

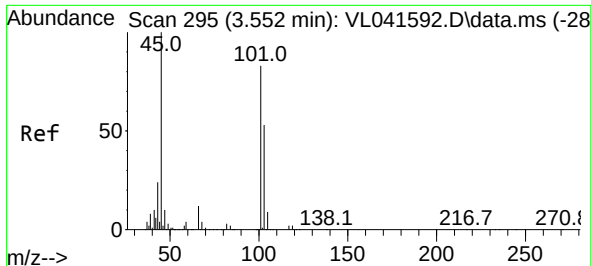
Ion Ratio Lower Upper

96 100

61 194.5 155.6 233.4

98 63.2 50.6 75.8

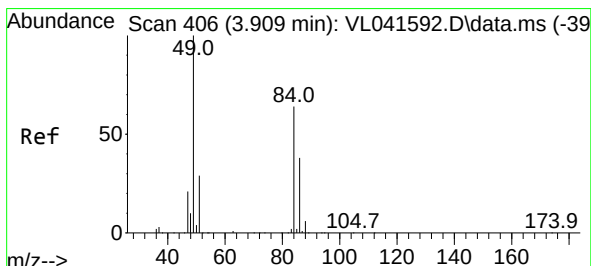
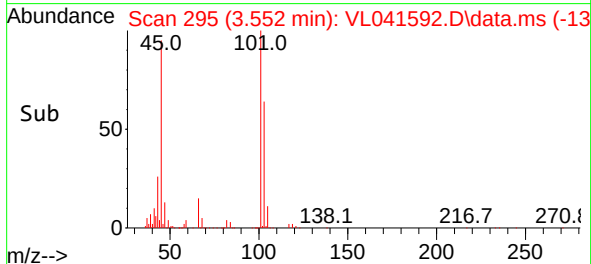
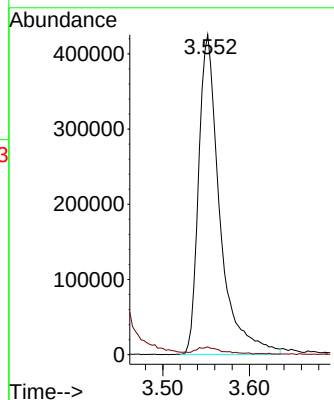
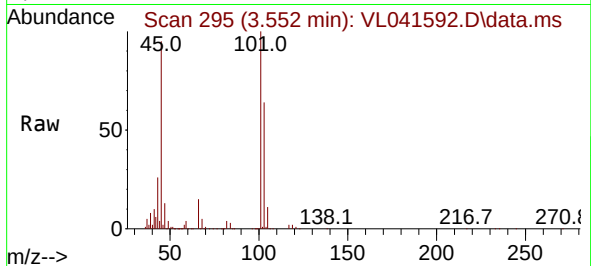




#19
Isopropyl Alcohol
Concen: 9.470 ppbv
RT: 3.552 min Scan# 295
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

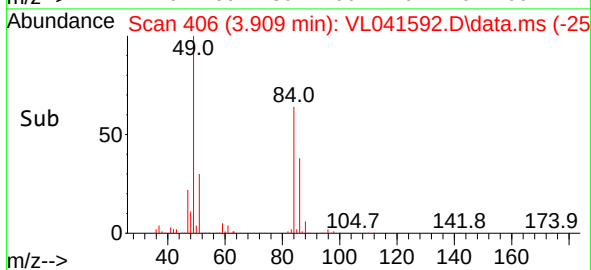
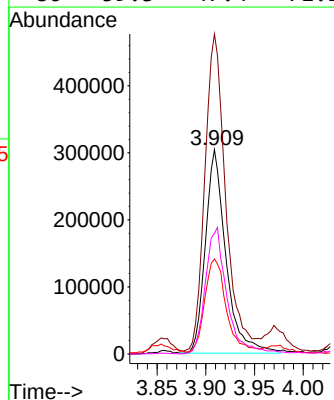
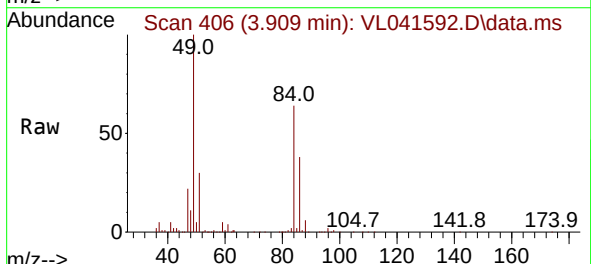
Instrument :
MSVOA_L
ClientSampleId :

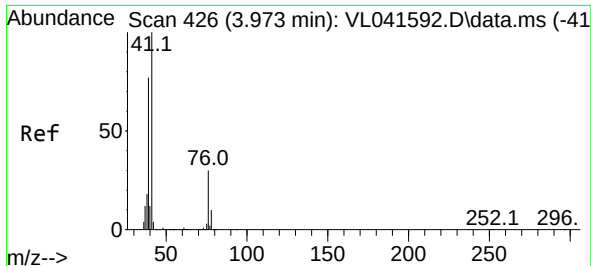
Tgt Ion: 45 Resp: 721155
Ion Ratio Lower Upper
45 100
58 2.6 2.1 3.1



#20
Methylene Chloride
Concen: 9.082 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 84 Resp: 447422
Ion Ratio Lower Upper
84 100
49 155.4 124.3 186.5
51 45.4 36.3 54.5
86 59.3 47.4 71.2





#21

Allyl Chloride

Concen: 9.826 ppbv

RT: 3.973 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

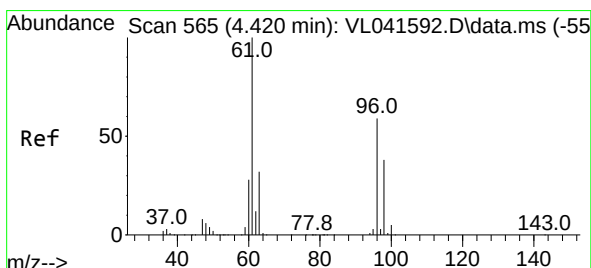
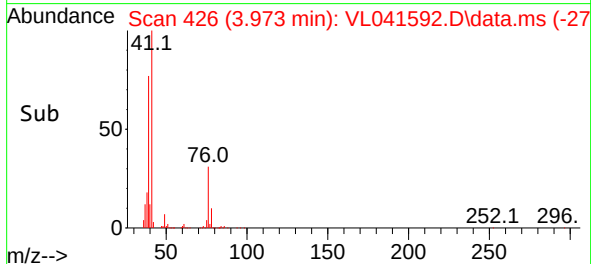
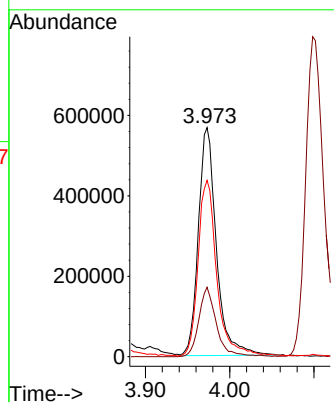
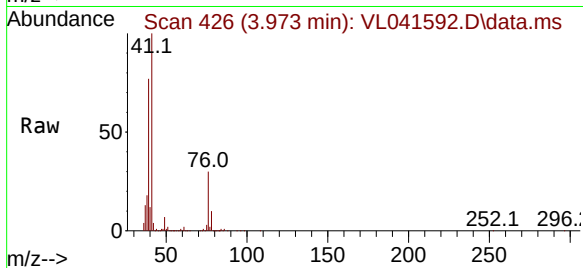
Tgt Ion: 41 Resp: 846436

Ion Ratio Lower Upper

41 100

76 29.7 23.8 35.6

39 79.9 63.9 95.9



#22

trans-1,2-Dichloroethene

Concen: 9.732 ppbv

RT: 4.420 min Scan# 565

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

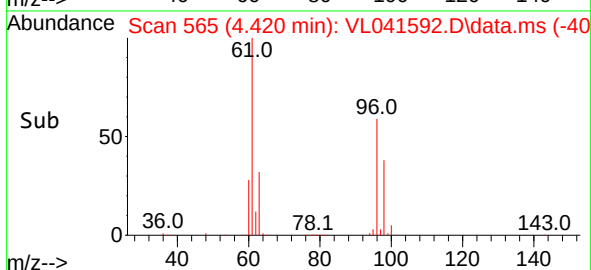
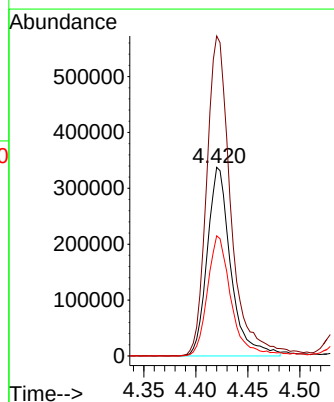
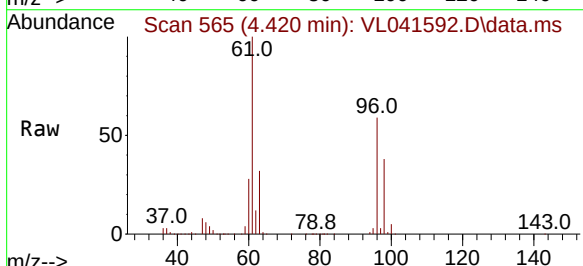
Tgt Ion: 96 Resp: 531058

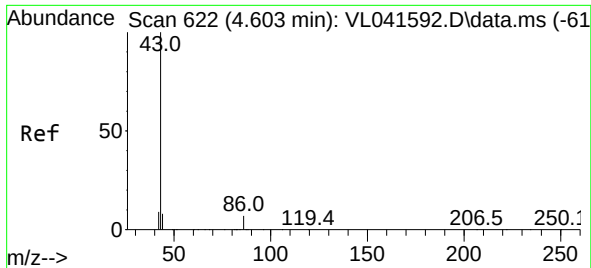
Ion Ratio Lower Upper

96 100

61 169.6 135.7 203.5

98 63.6 50.9 76.3





#23

Vinyl Acetate

Concen: 8.326 ppbv

RT: 4.603 min Scan# 61

Delta R.T. 0.000 min

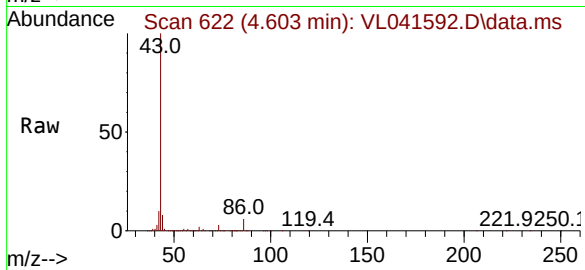
Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 43 Resp: 796205

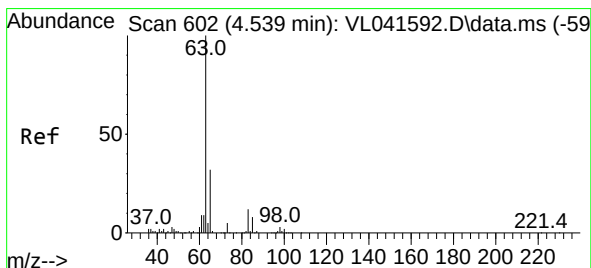
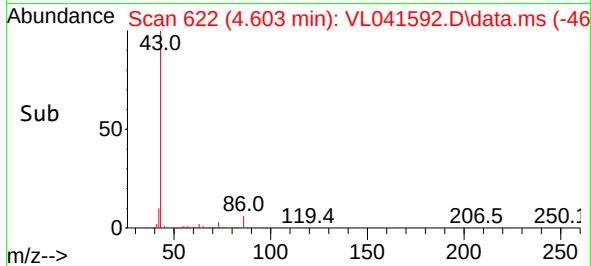
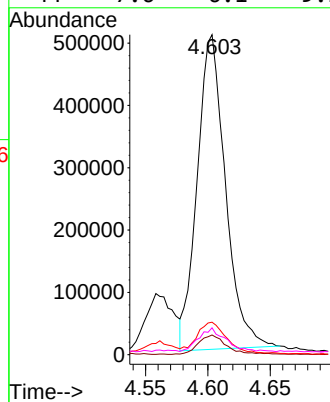
Ion Ratio Lower Upper

43 100

86 6.1 4.9 7.3

42 10.0 8.0 12.0

44 7.6 6.1 9.1



#24

1,1-Dichloroethane

Concen: 9.614 ppbv

RT: 4.539 min Scan# 602

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

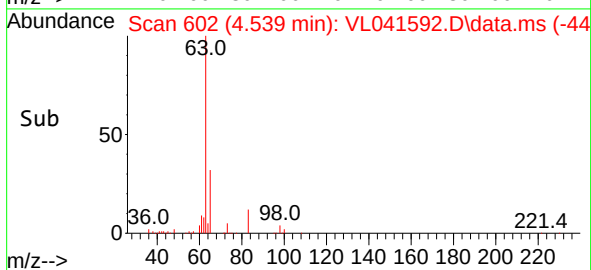
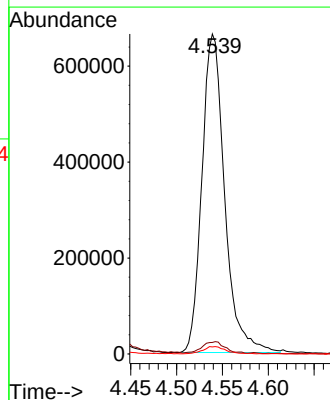
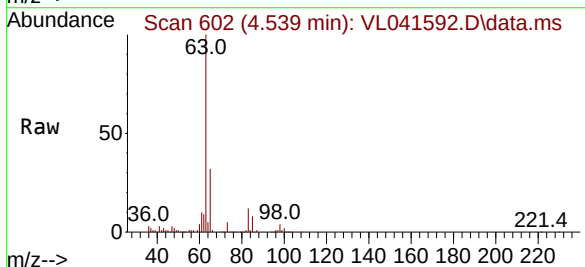
Tgt Ion: 63 Resp: 1144566

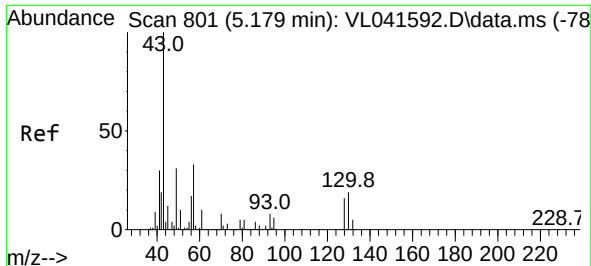
Ion Ratio Lower Upper

63 100

98 3.4 1.7 5.1

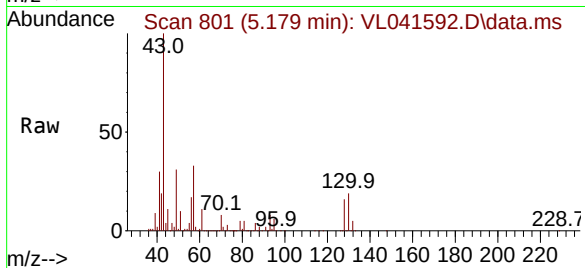
100 2.2 1.1 3.3





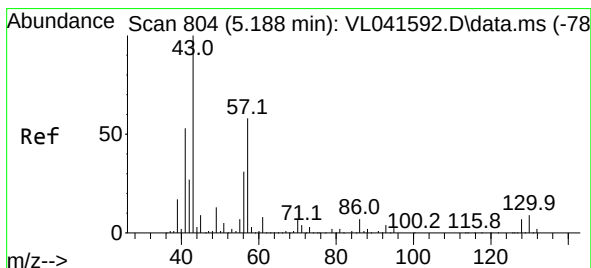
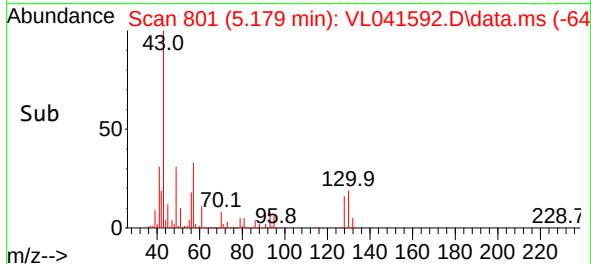
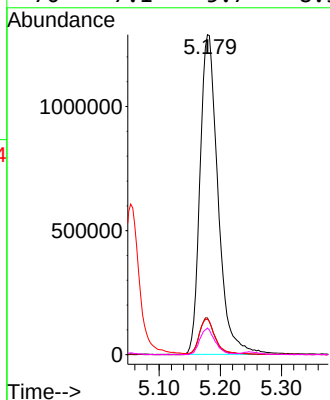
#25
Ethyl Acetate
Concen: 9.977 ppbv
RT: 5.179 min Scan# 801
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2636978

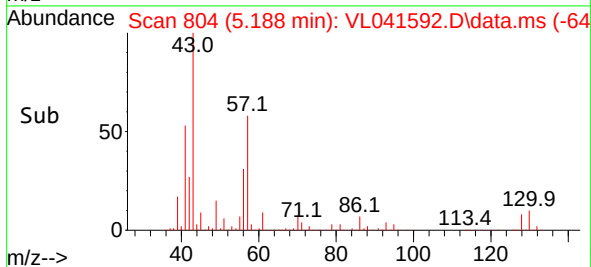
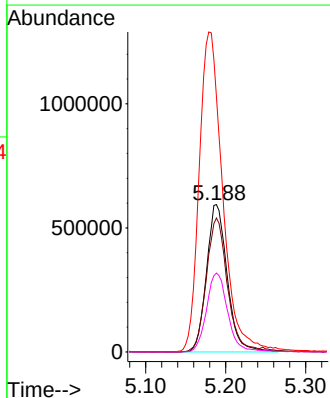
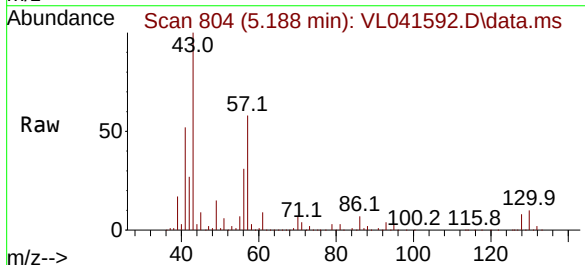
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	10.0	8.0	12.0
70	7.1	5.7	8.5

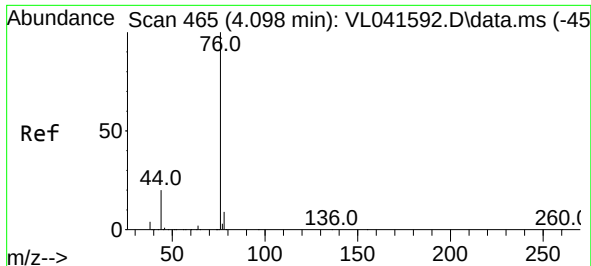


#26
Hexane
Concen: 9.824 ppbv
RT: 5.188 min Scan# 804
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 57 Resp: 1069971

Ion	Ratio	Lower	Upper
57	100		
41	94.6	75.7	113.5
43	248.1	198.5	297.7
56	55.1	44.1	66.1

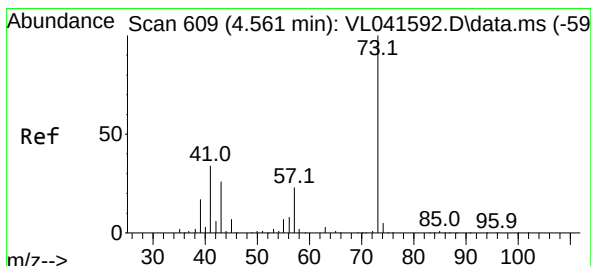
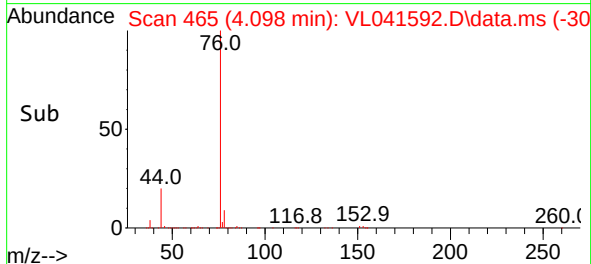
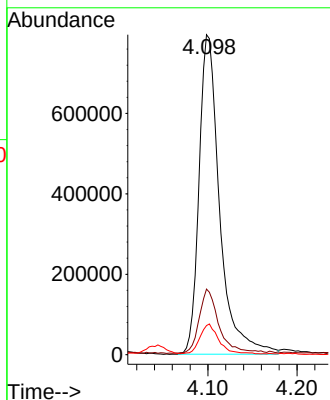
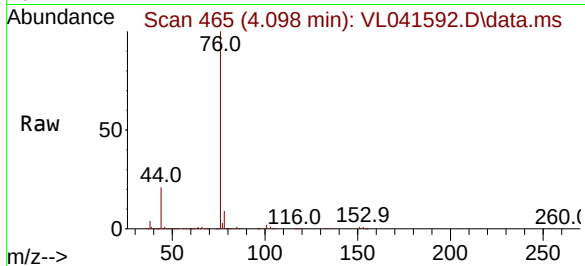




#27
Carbon Disulfide
Concen: 10.141 ppbv
RT: 4.098 min Scan# 465
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

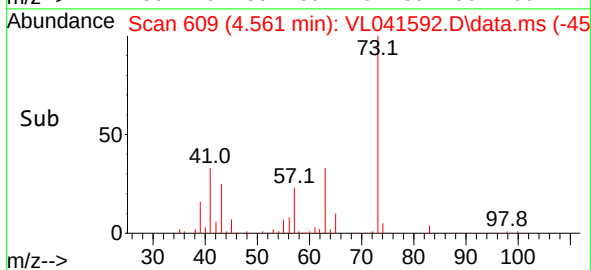
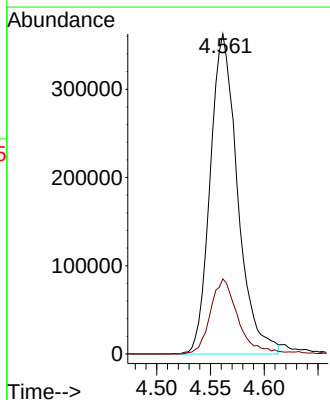
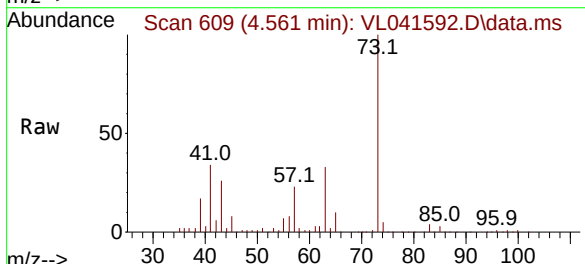
Instrument :
MSVOA_L
ClientSampleId :

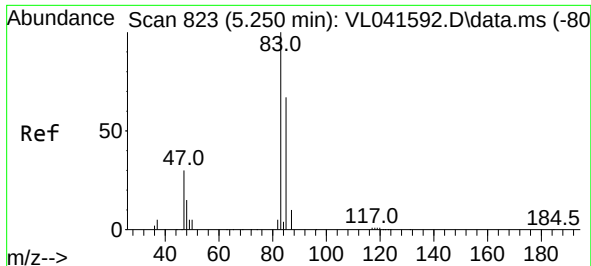
Tgt Ion: 76 Resp: 1278721
Ion Ratio Lower Upper
76 100
44 19.8 15.8 23.8
78 9.4 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 9.433 ppbv
RT: 4.561 min Scan# 609
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 73 Resp: 643194
Ion Ratio Lower Upper
73 100
57 24.1 19.3 28.9





#29

Chloroform

Concen: 9.485 ppbv

RT: 5.250 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

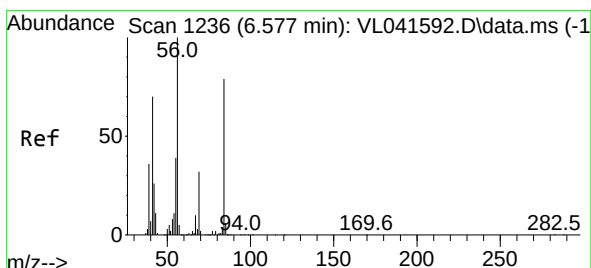
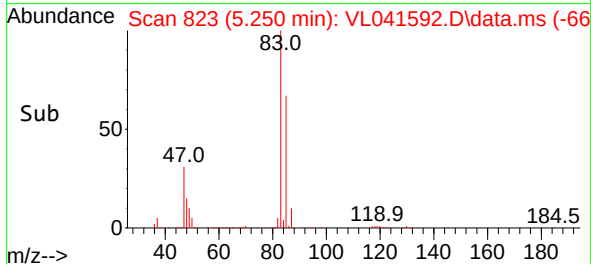
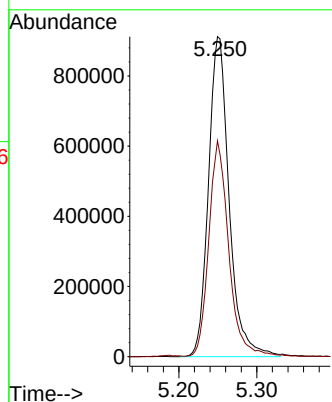
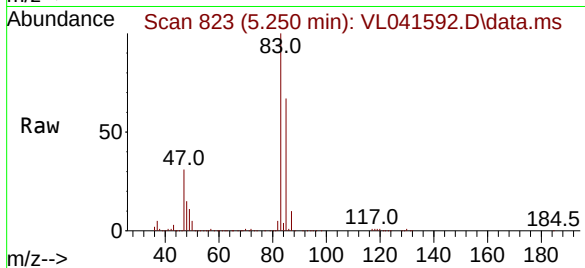
ClientSampleId :

Tgt Ion: 83 Resp: 1680555

Ion Ratio Lower Upper

83 100

85 67.2 53.8 80.6



#30

Cyclohexane

Concen: 10.235 ppbv

RT: 6.577 min Scan# 1236

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

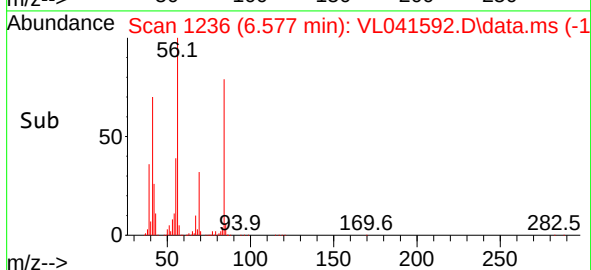
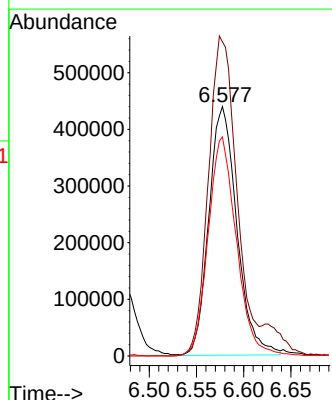
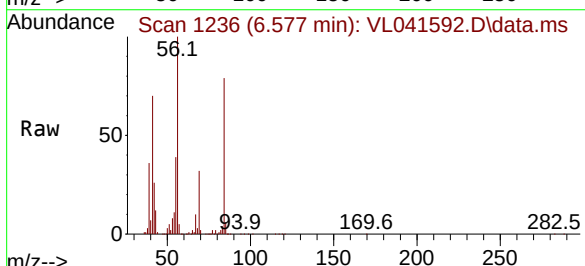
Tgt Ion: 84 Resp: 905301

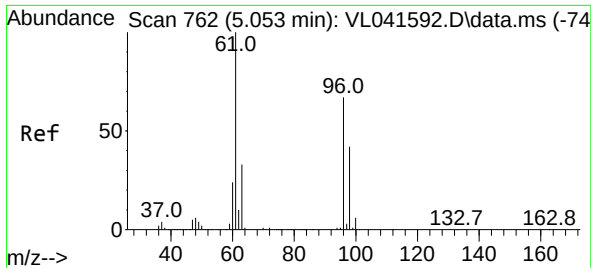
Ion Ratio Lower Upper

84 100

56 139.4 111.5 167.3

41 88.6 70.9 106.3

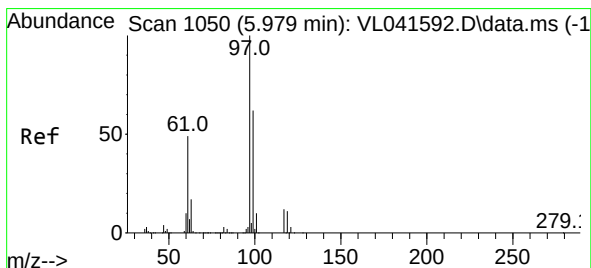
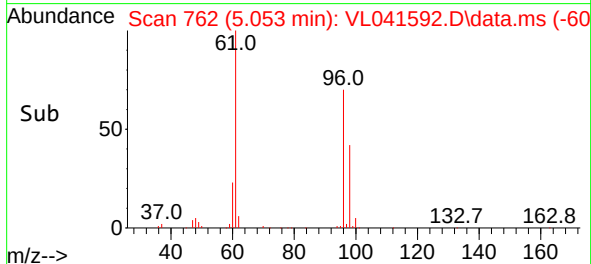
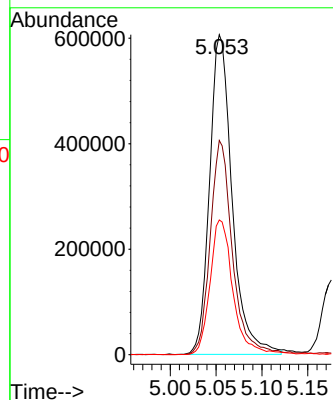
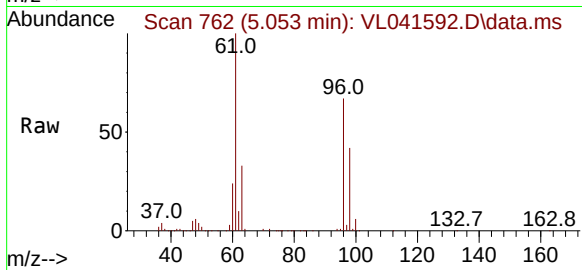




#31
 cis-1,2-Dichloroethene
 Concen: 9.711 ppbv
 RT: 5.053 min Scan# 762
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

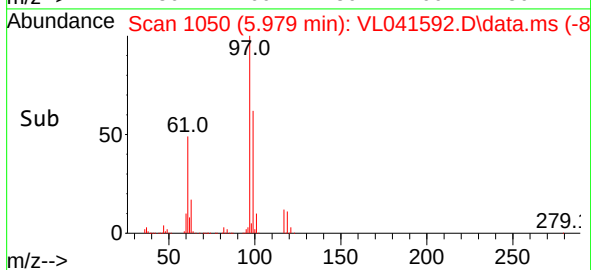
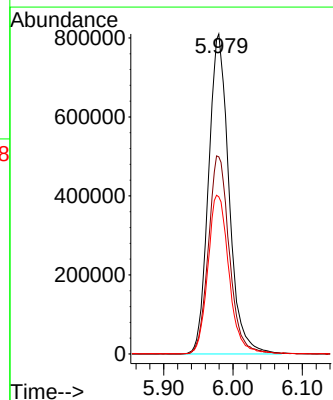
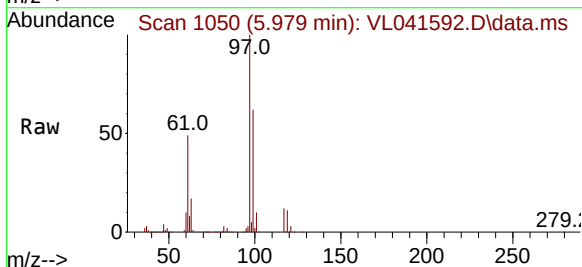
Instrument :
 MSVOA_L
 ClientSampleId :

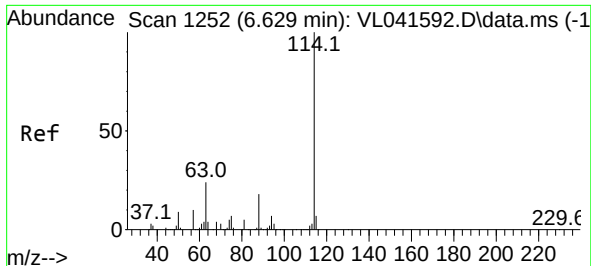
Tgt Ion: 61 Resp: 1038715
 Ion Ratio Lower Upper
 61 100
 96 66.9 53.5 80.3
 98 42.1 33.7 50.5



#32
 1,1,1-Trichloroethane
 Concen: 9.635 ppbv
 RT: 5.979 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

Tgt Ion: 97 Resp: 1658808
 Ion Ratio Lower Upper
 97 100
 99 63.7 51.0 76.4
 61 51.3 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.629 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

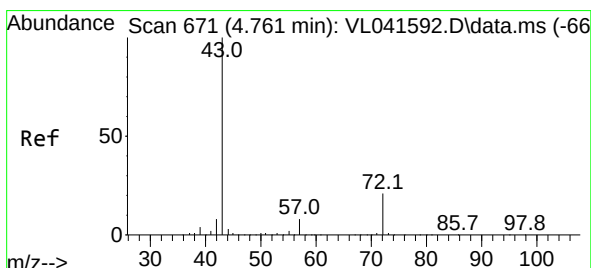
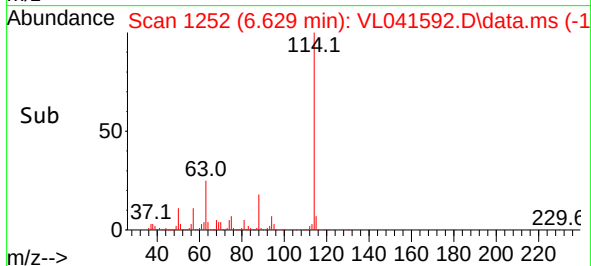
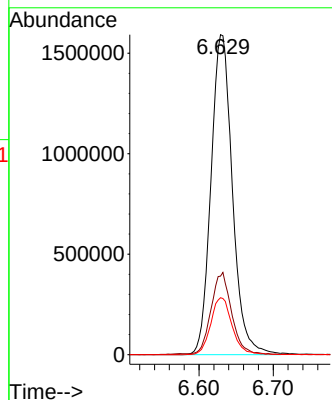
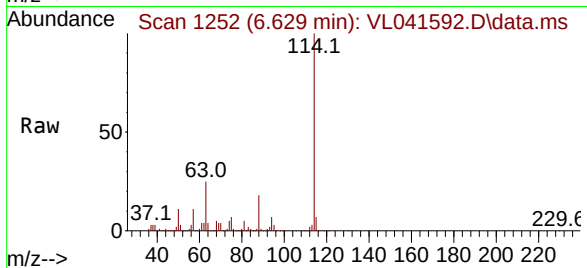
Tgt Ion:114 Resp: 3191034

Ion Ratio Lower Upper

114 100

63 25.2 20.2 30.2

88 17.8 14.2 21.4



#34

2-Butanone

Concen: 9.714 ppbv

RT: 4.761 min Scan# 671

Delta R.T. 0.000 min

Lab File: VL041592.D

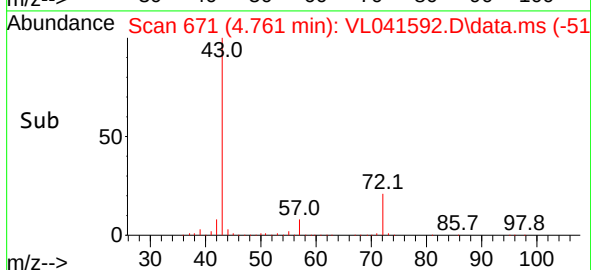
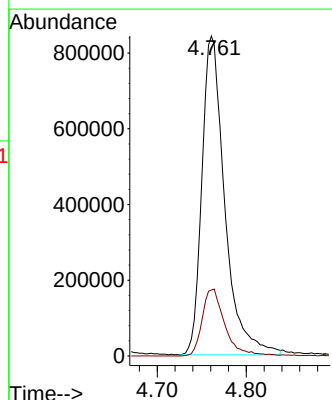
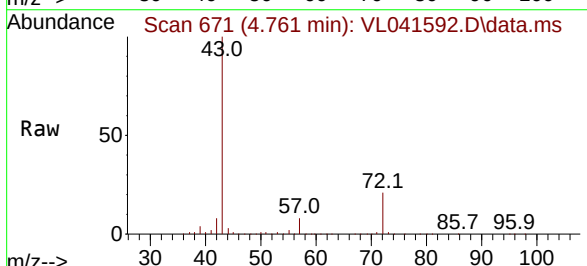
Acq: 16 Sep 2024 13:15

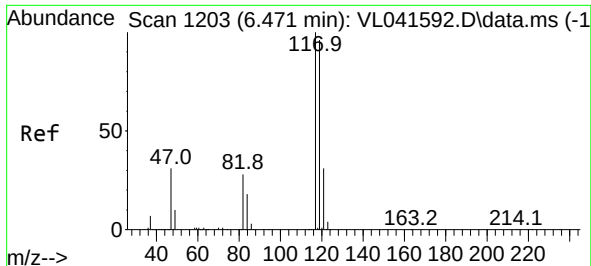
Tgt Ion: 43 Resp: 1501240

Ion Ratio Lower Upper

43 100

72 21.0 16.8 25.2

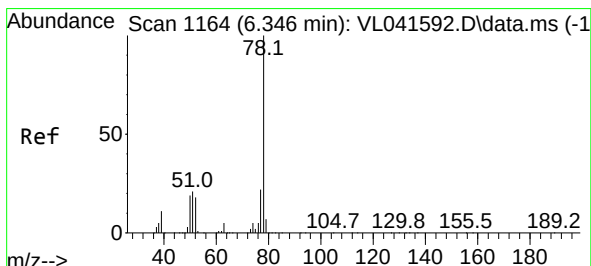
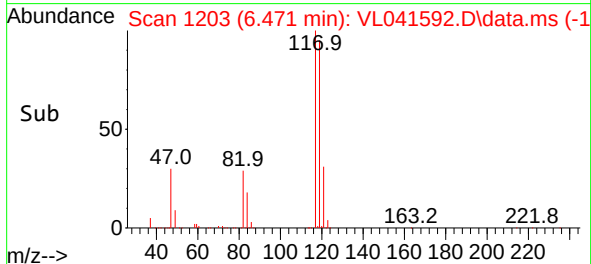
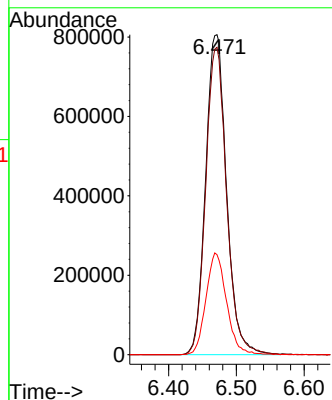
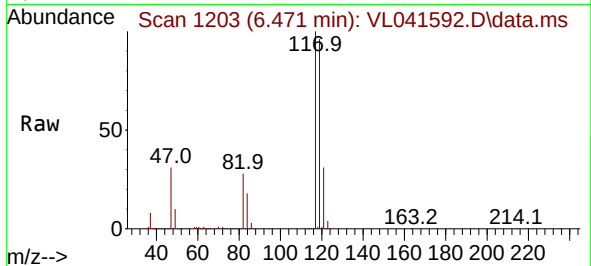




#35
Carbon Tetrachloride
Concen: 9.862 ppbv
RT: 6.471 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

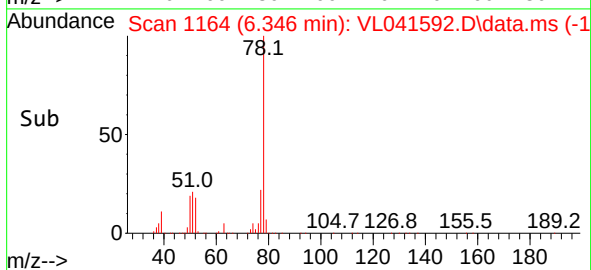
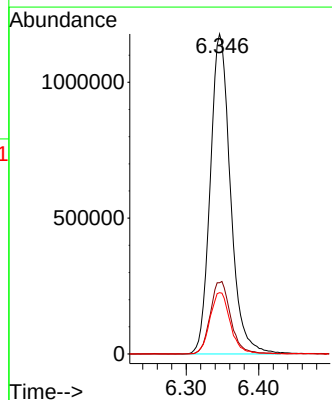
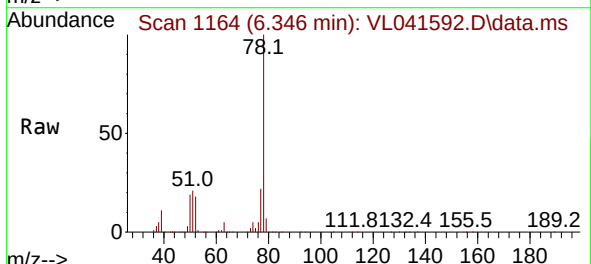
Instrument :
MSVOA_L
ClientSampleId :

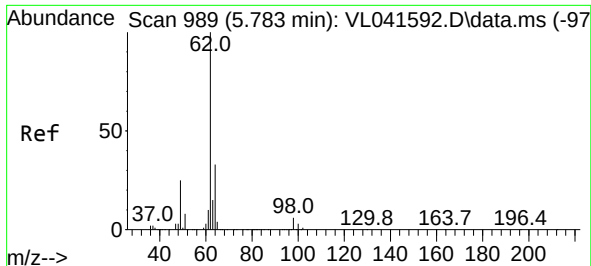
Tgt Ion:117 Resp: 1733798
Ion Ratio Lower Upper
117 100
119 96.0 76.8 115.2
121 31.3 25.0 37.6



#36
Benzene
Concen: 9.741 ppbv
RT: 6.346 min Scan# 1164
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 78 Resp: 2276805
Ion Ratio Lower Upper
78 100
77 22.2 17.8 26.6
50 19.2 15.4 23.0





#37

1,2-Dichloroethane

Concen: 9.723 ppbv

RT: 5.783 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

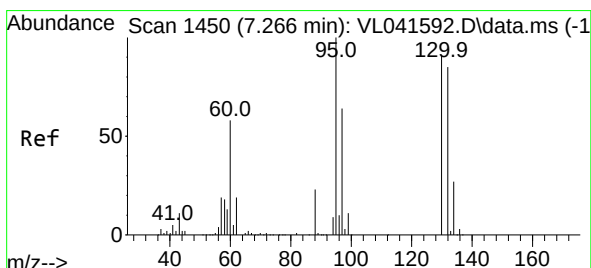
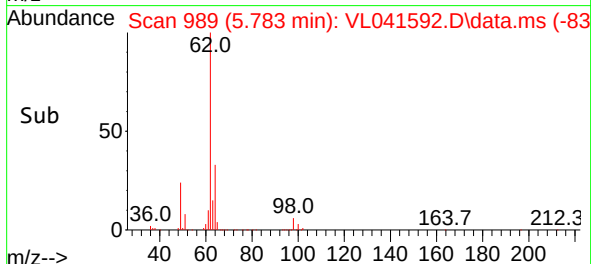
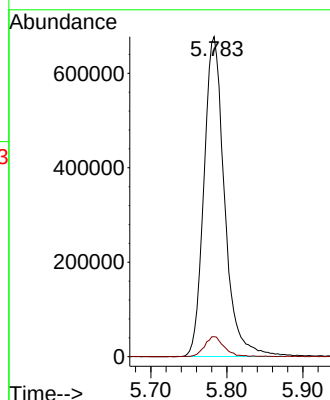
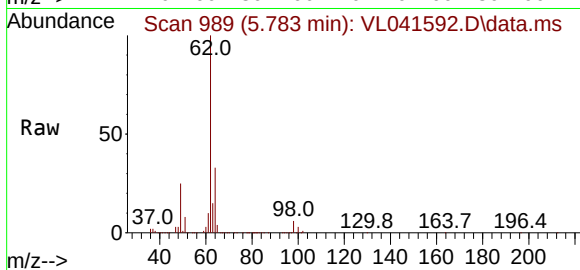
ClientSampleId :

Tgt Ion: 62 Resp: 1272445

Ion Ratio Lower Upper

62 100

98 6.0 4.8 7.2



#38

Trichloroethene

Concen: 11.030 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Tgt Ion:130 Resp: 1207402

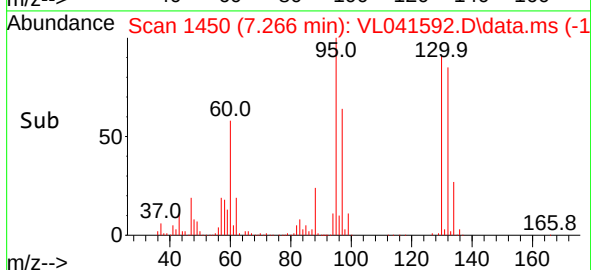
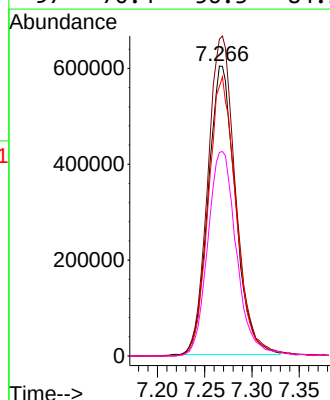
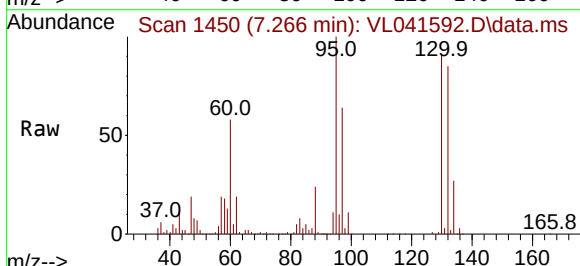
Ion Ratio Lower Upper

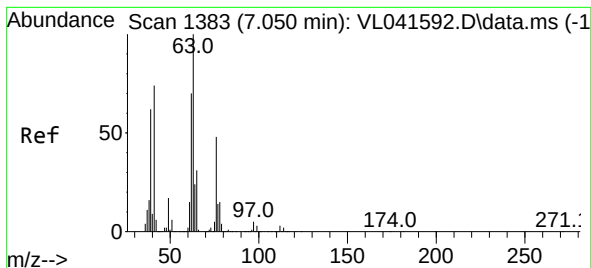
130 100

95 109.6 87.7 131.5

132 93.1 74.5 111.7

97 70.4 56.3 84.5





#39

1,2-Dichloropropane

Concen: 9.764 ppbv

RT: 7.050 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

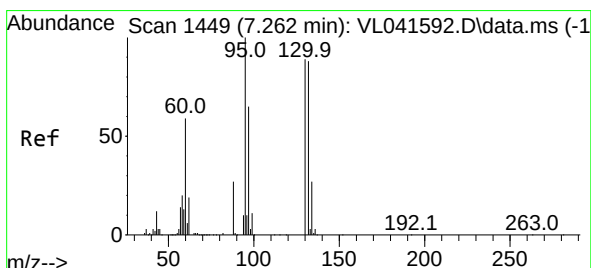
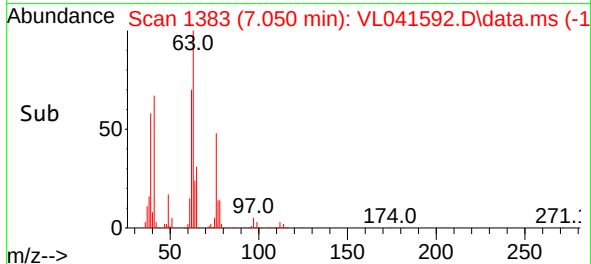
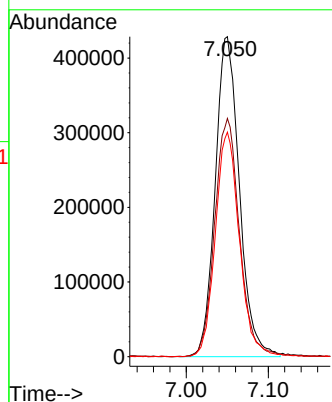
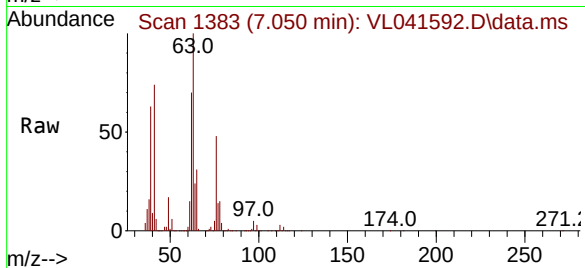
Tgt Ion: 63 Resp: 877299

Ion Ratio Lower Upper

63 100

41 74.4 59.5 89.3

62 70.2 56.2 84.2



#40

1,4-Dioxane

Concen: 10.129 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Tgt Ion: 88 Resp: 362562

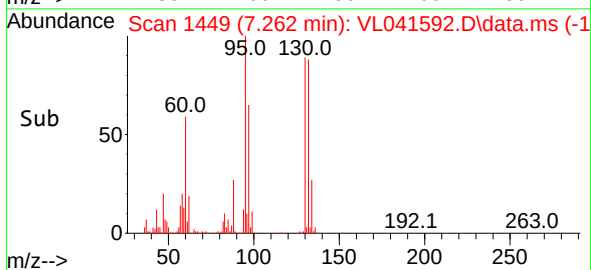
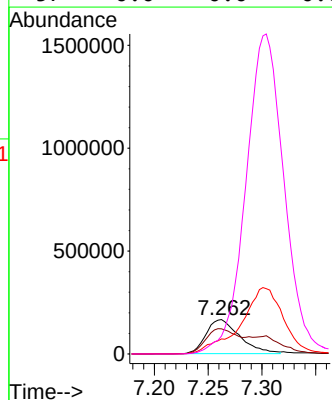
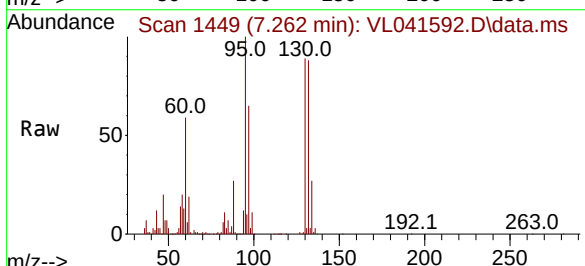
Ion Ratio Lower Upper

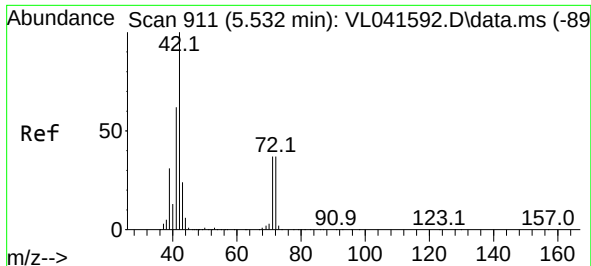
88 100

58 125.3 100.2 150.4

43 0.0 0.0 0.0

57 0.0 0.0 0.0

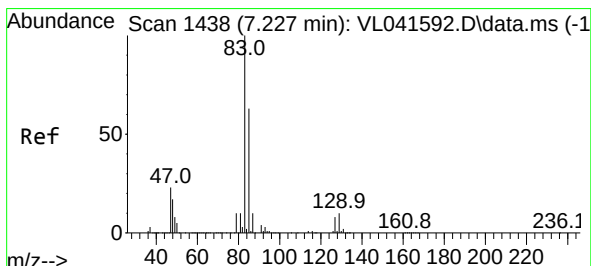
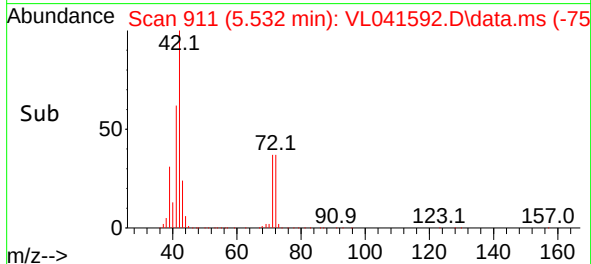
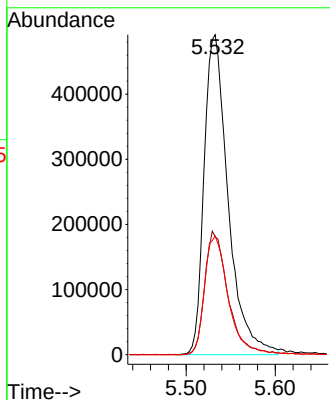
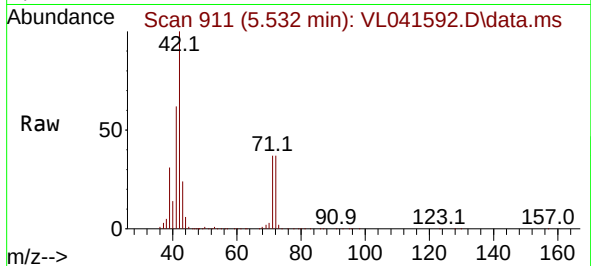




#41
Tetrahydrofuran
Concen: 10.354 ppbv
RT: 5.532 min Scan# 911
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

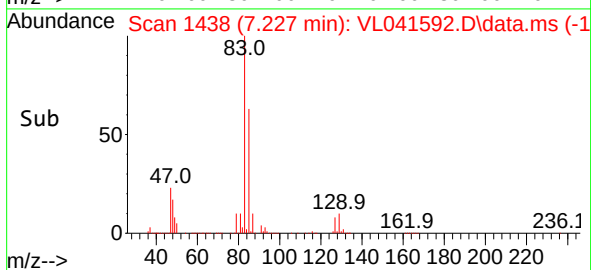
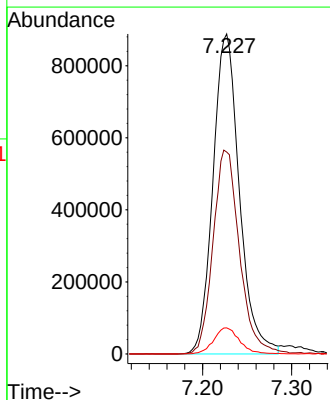
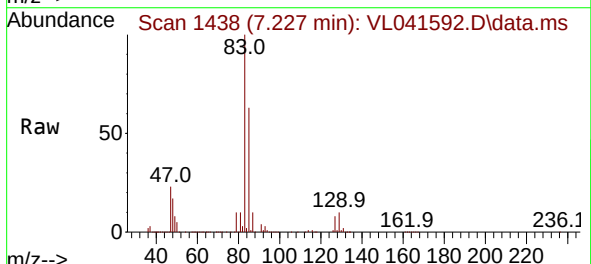
Instrument :
MSVOA_L
ClientSampleId :

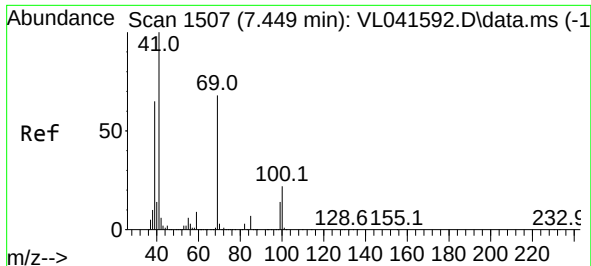
Tgt Ion: 42 Resp: 921404
Ion Ratio Lower Upper
42 100
72 37.7 30.2 45.2
71 37.0 29.6 44.4



#42
Bromodichloromethane
Concen: 9.717 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 83 Resp: 1829048
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 8.1 6.5 9.7





#43

Methyl Methacrylate

Concen: 10.728 ppbv

RT: 7.449 min Scan# 1507

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

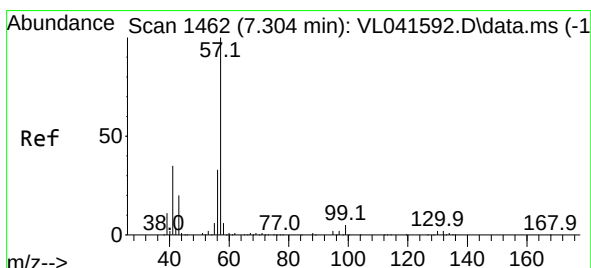
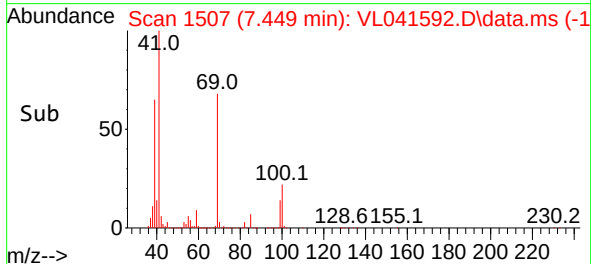
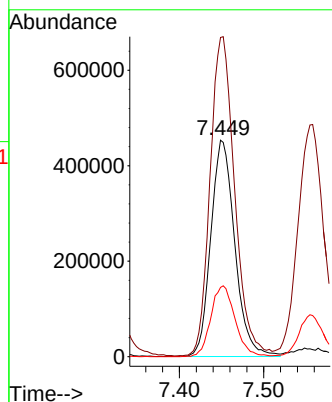
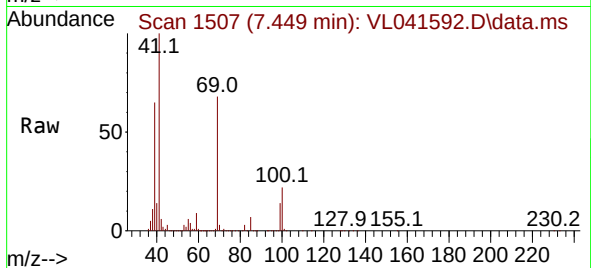
Tgt Ion: 69 Resp: 895478

Ion Ratio Lower Upper

69 100

41 152.2 121.8 182.6

100 33.1 26.5 39.7



#44

2,2,4-Trimethylpentane

Concen: 9.842 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

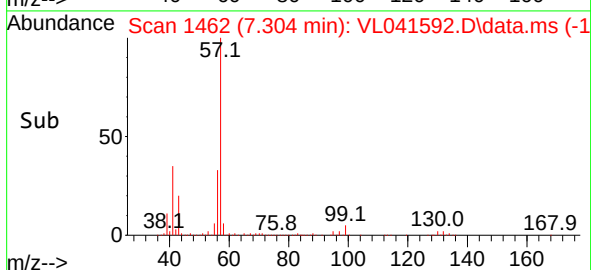
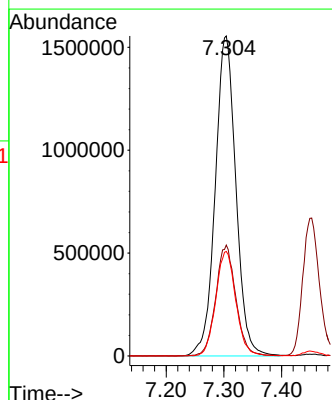
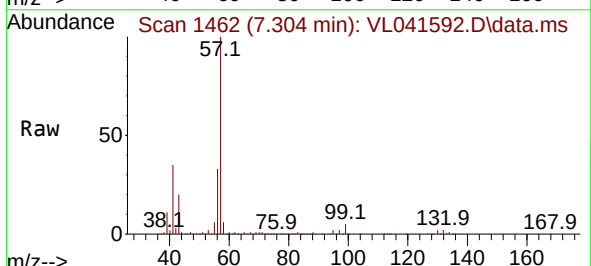
Tgt Ion: 57 Resp: 3860881

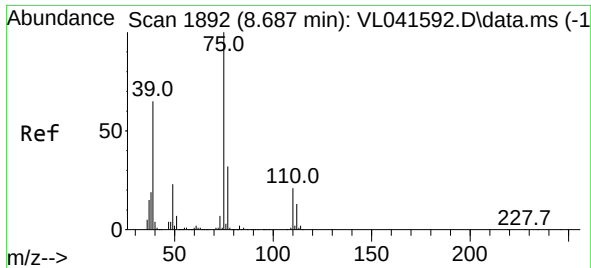
Ion Ratio Lower Upper

57 100

41 33.8 27.0 40.6

56 31.9 25.5 38.3

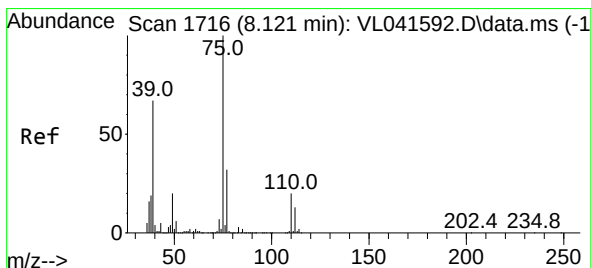
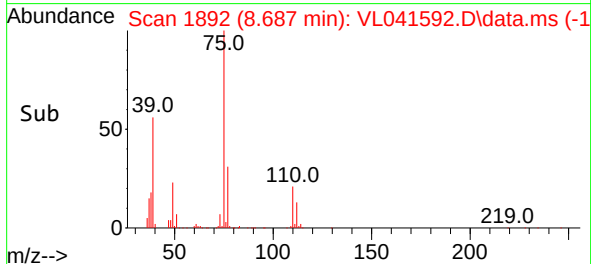
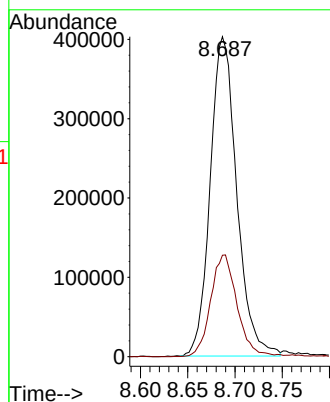
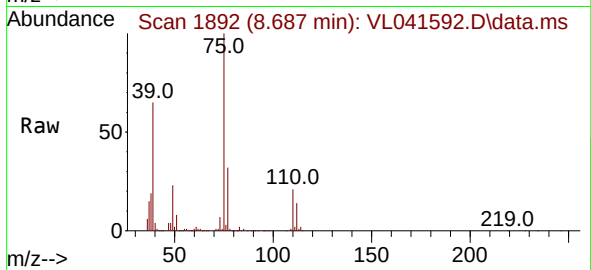




#45
 t-1,3-Dichloropropene
 Concen: 10.580 ppbv
 RT: 8.687 min Scan# 1892
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

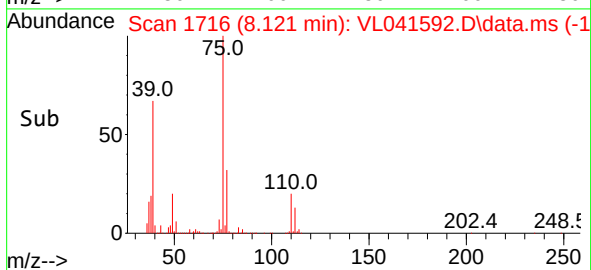
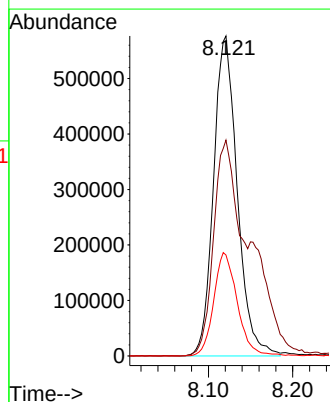
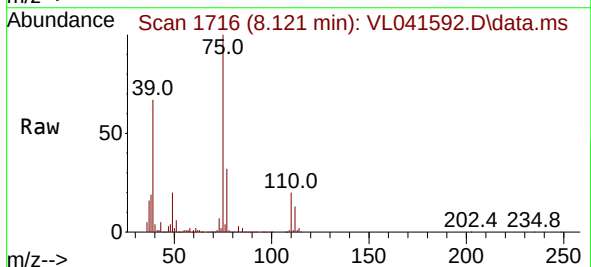
Instrument :
 MSVOA_L
 ClientSampleId :

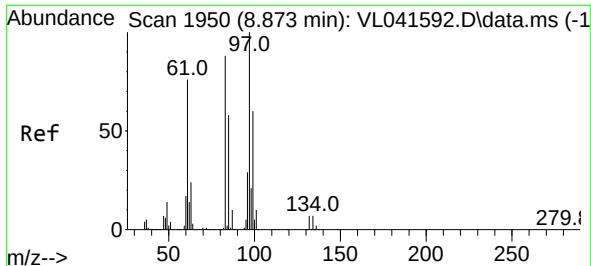
Tgt Ion: 75 Resp: 786684
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0



#46
 cis-1,3-Dichloropropene
 Concen: 10.315 ppbv
 RT: 8.121 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

Tgt Ion: 75 Resp: 1127288
 Ion Ratio Lower Upper
 75 100
 39 67.5 54.0 81.0
 77 31.5 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.656 ppbv

RT: 8.873 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 952785

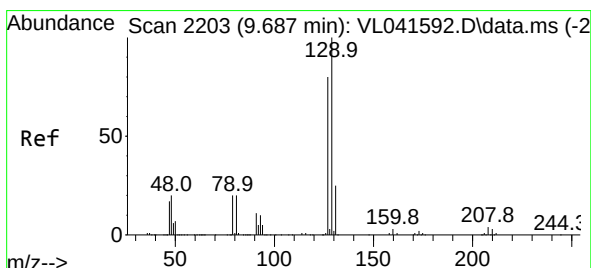
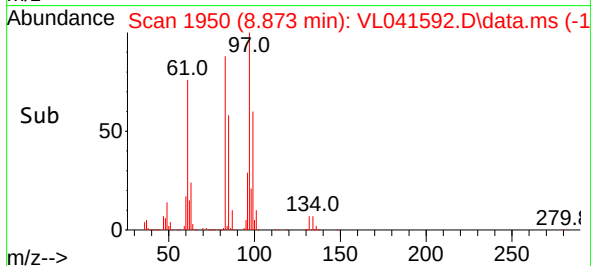
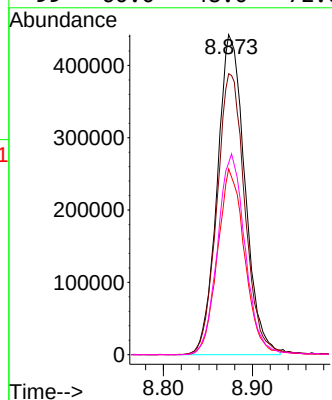
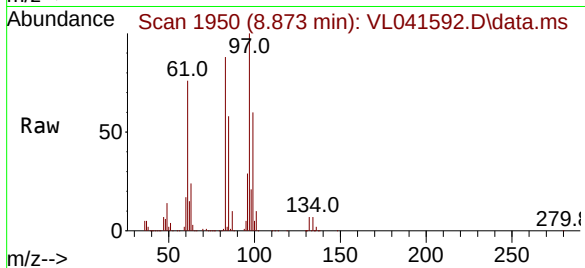
Ion Ratio Lower Upper

97 100

83 87.8 70.2 105.4

85 57.9 46.3 69.5

99 60.0 48.0 72.0



#48

Dibromochloromethane

Concen: 9.972 ppbv

RT: 9.687 min Scan# 2203

Delta R.T. 0.000 min

Lab File: VL041592.D

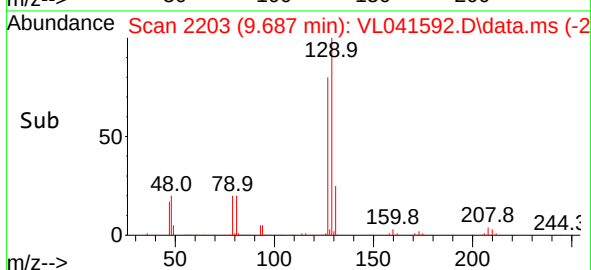
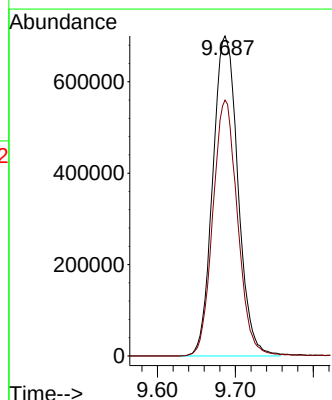
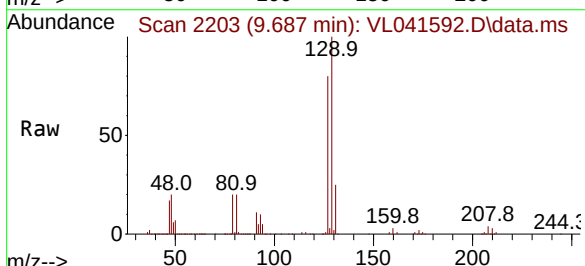
Acq: 16 Sep 2024 13:15

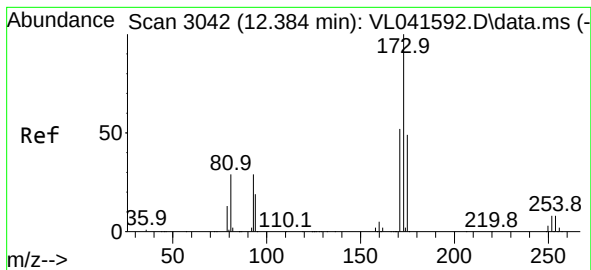
Tgt Ion: 129 Resp: 1573314

Ion Ratio Lower Upper

129 100

127 78.6 39.3 117.9





#49

Bromoform

Concen: 10.374 ppbv

RT: 12.384 min Scan# 3042

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

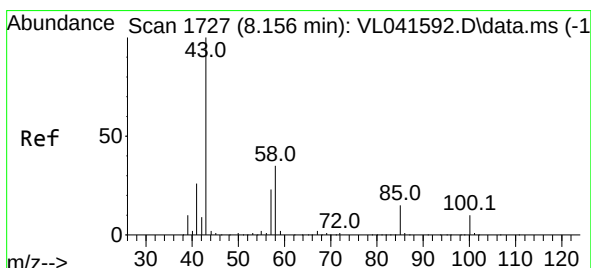
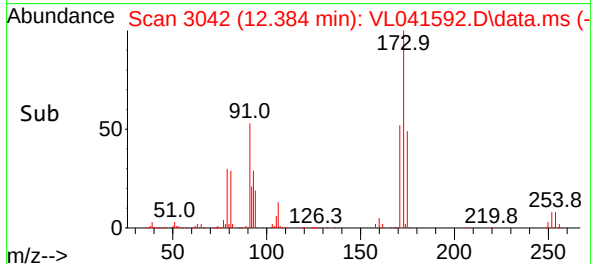
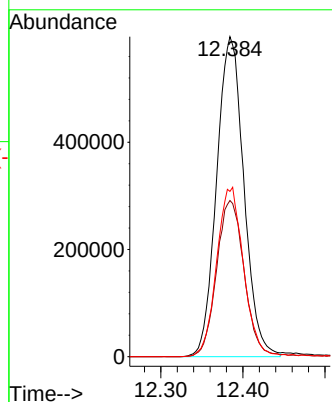
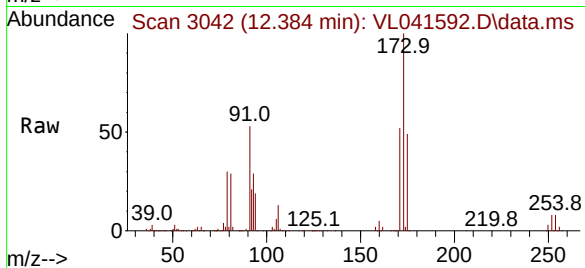
Tgt Ion:173 Resp: 1380117

Ion Ratio Lower Upper

173 100

175 50.1 40.1 60.1

171 52.8 42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 10.343 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL041592.D

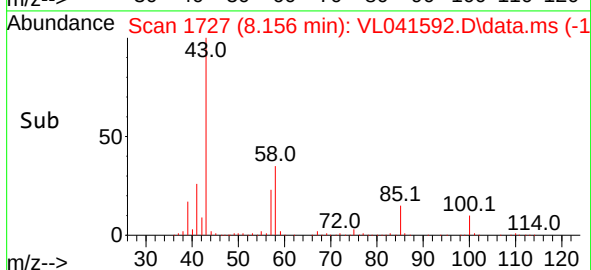
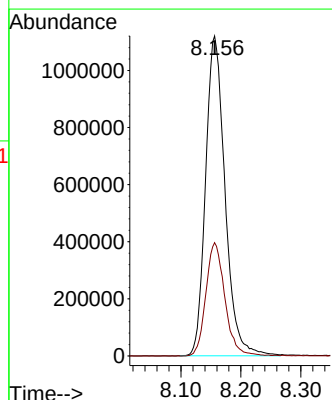
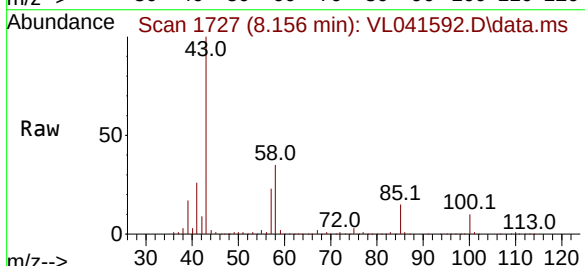
Acq: 16 Sep 2024 13:15

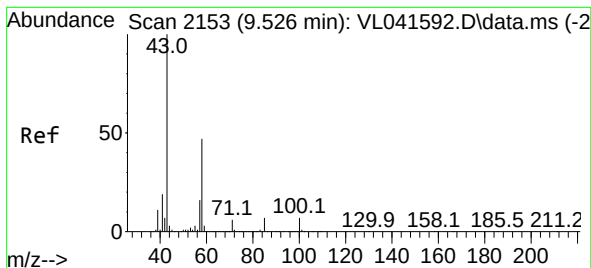
Tgt Ion: 43 Resp: 2529791

Ion Ratio Lower Upper

43 100

58 34.8 27.8 41.8





#51

2-Hexanone

Concen: 10.956 ppbv

RT: 9.526 min Scan# 2153

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

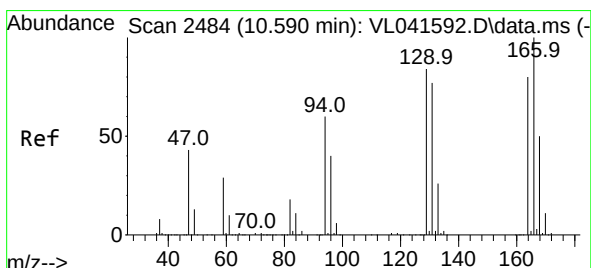
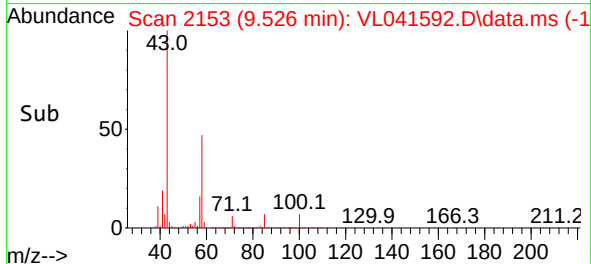
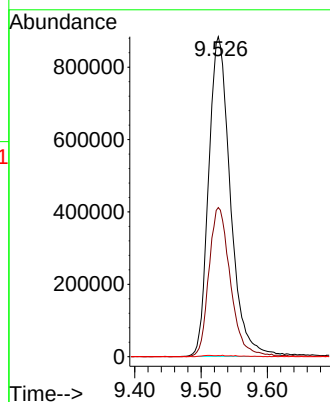
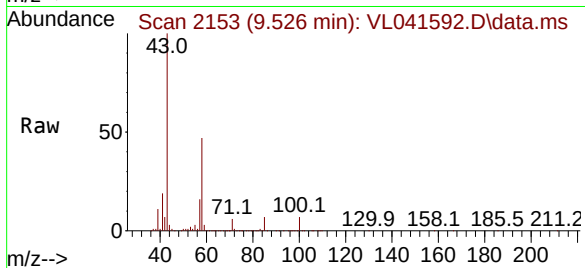
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 2011980

Ion	Ratio	Lower	Upper
43	100		
58	46.5	37.2	55.8
98	0.6	0.5	0.7



#52

Tetrachloroethene

Concen: 9.478 ppbv

RT: 10.590 min Scan# 2484

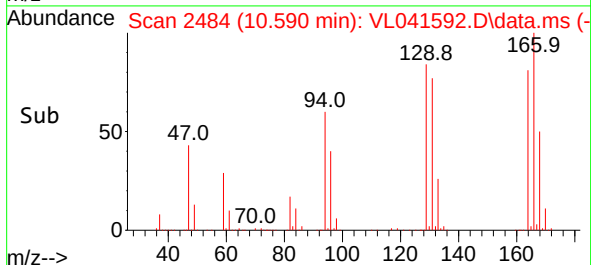
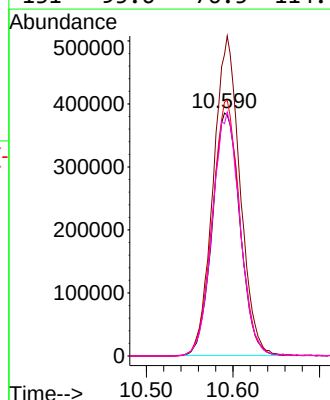
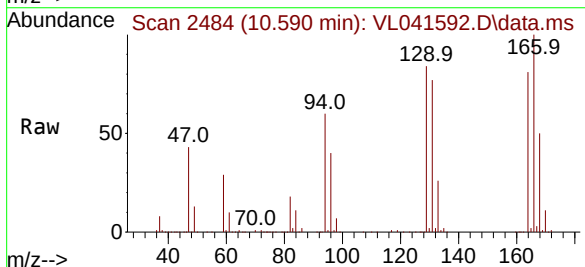
Delta R.T. 0.000 min

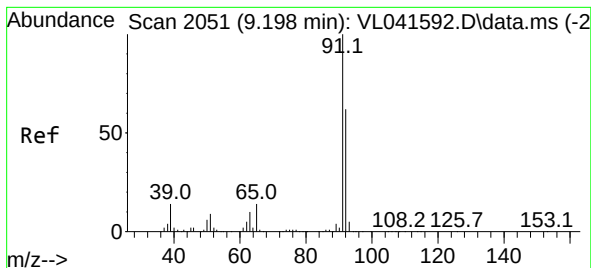
Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Tgt Ion: 164 Resp: 852321

Ion	Ratio	Lower	Upper
164	100		
166	124.3	99.4	149.2
129	104.4	83.5	125.3
131	95.6	76.5	114.7





#53

Toluene

Concen: 10.235 ppbv

RT: 9.198 min Scan# 2051

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

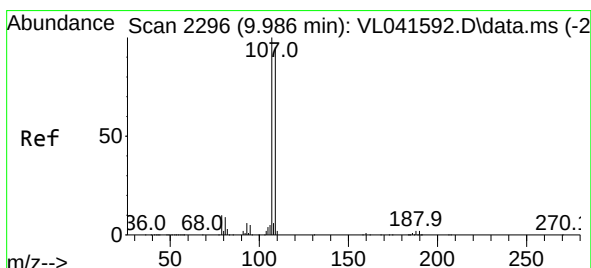
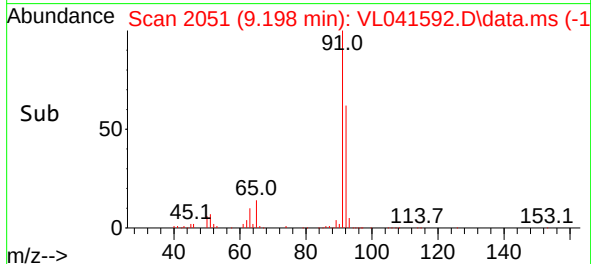
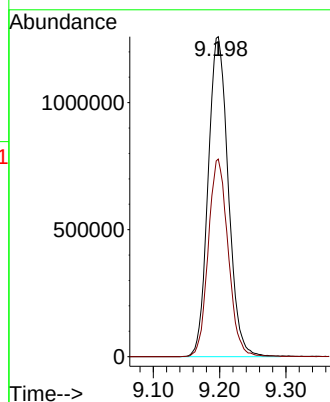
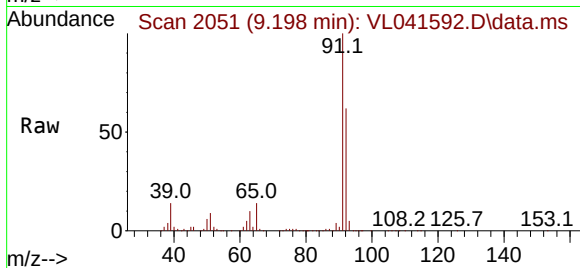
ClientSampleId :

Tgt Ion: 91 Resp: 2661666

Ion Ratio Lower Upper

91 100

92 61.1 48.9 73.3



#54

1,2-Dibromoethane

Concen: 10.010 ppbv

RT: 9.986 min Scan# 2296

Delta R.T. 0.000 min

Lab File: VL041592.D

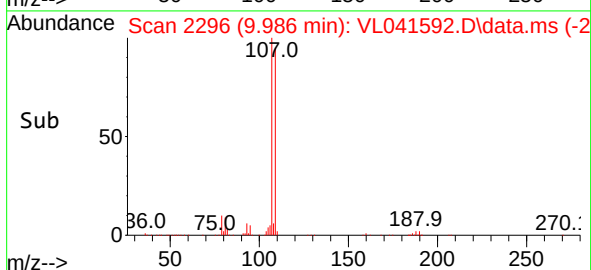
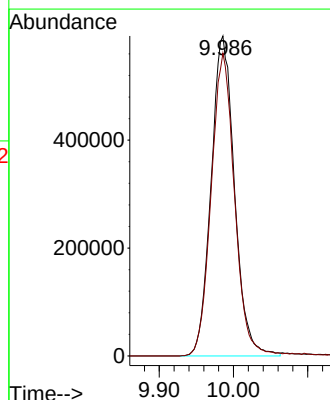
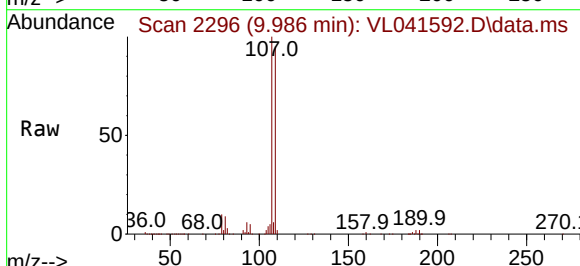
Acq: 16 Sep 2024 13:15

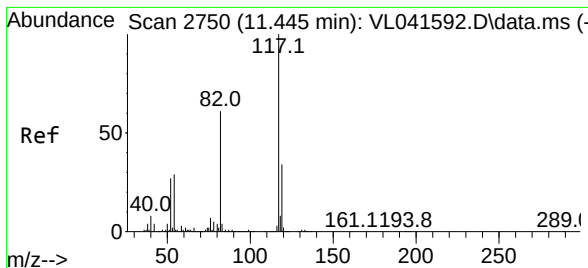
Tgt Ion: 107 Resp: 1299501

Ion Ratio Lower Upper

107 100

109 94.6 75.7 113.5

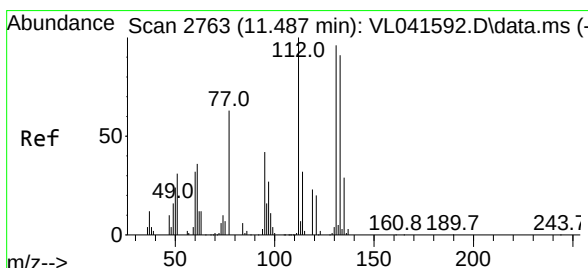
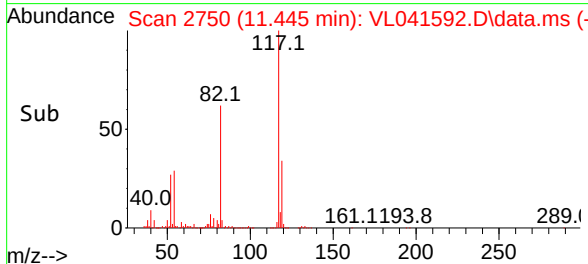
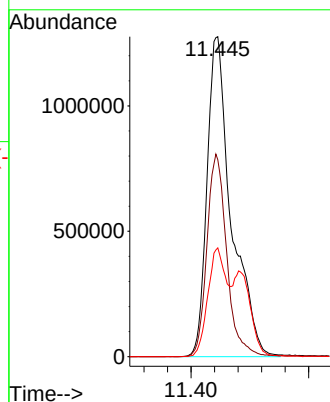
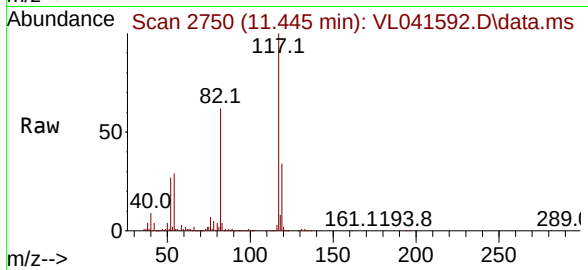




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.445 min Scan# 2750
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

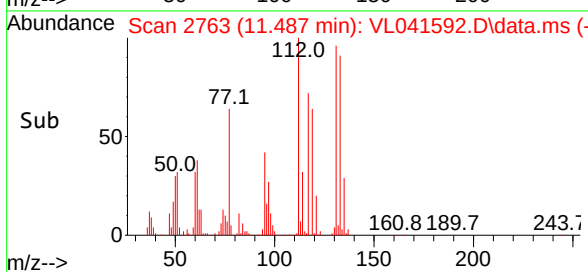
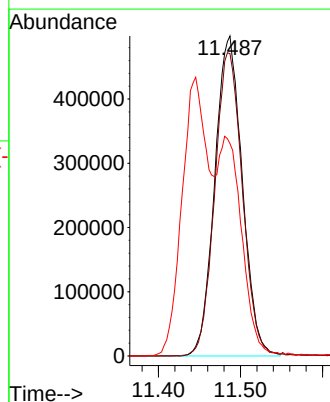
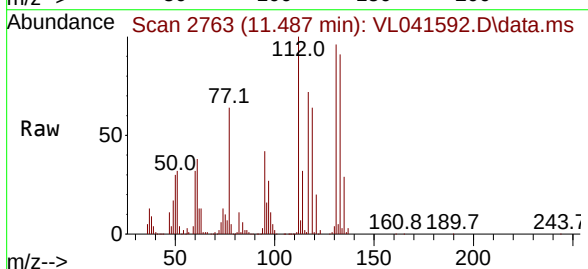
Instrument :
MSVOA_L
ClientSampleId :

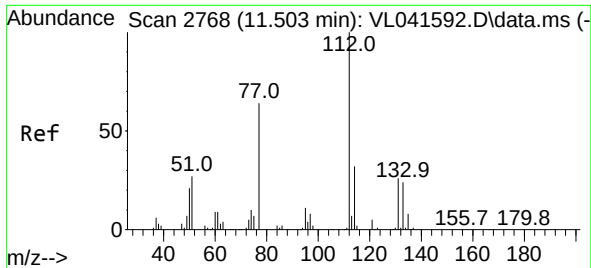
Tgt Ion:117 Resp: 3670621
Ion Ratio Lower Upper
117 100
82 51.7 49.4 74.2
119 25.5 24.4 36.6



#56
1,1,1,2-Tetrachloroethane
Concen: 8.134 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion:131 Resp: 1161709
Ion Ratio Lower Upper
131 100
133 95.8 76.6 115.0
119 60.6 48.5 72.7

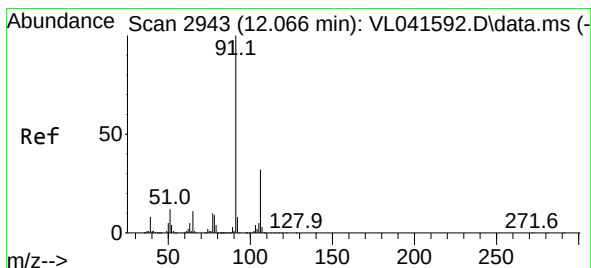
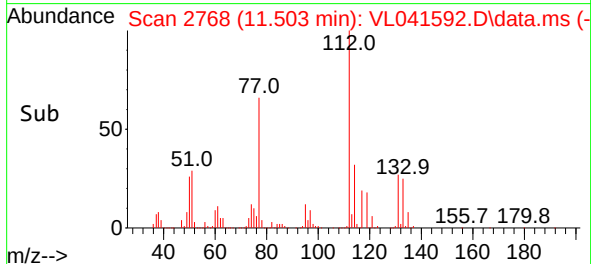
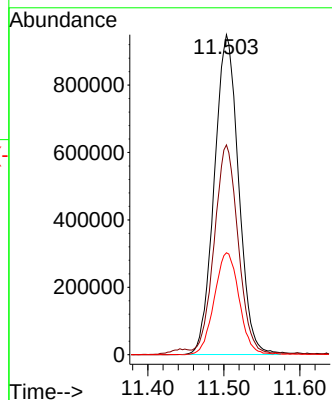
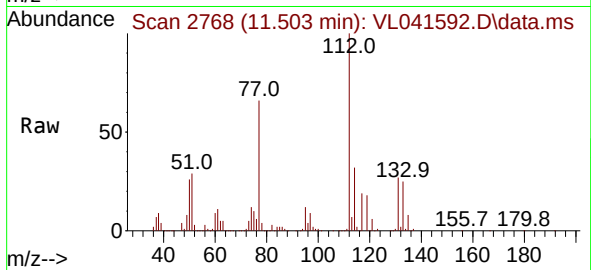




#57
Chlorobenzene
Concen: 8.007 ppbv
RT: 11.503 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

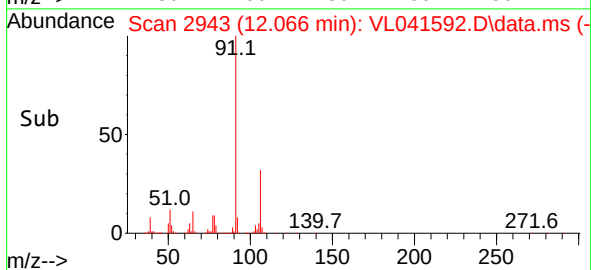
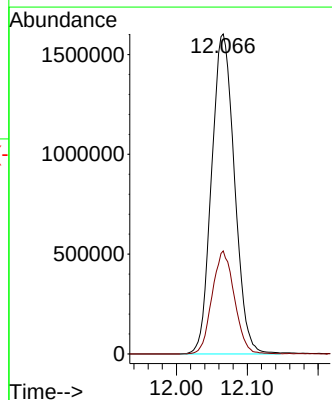
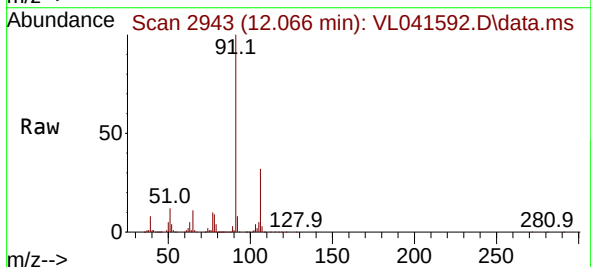
Instrument :
MSVOA_L
ClientSampleId :

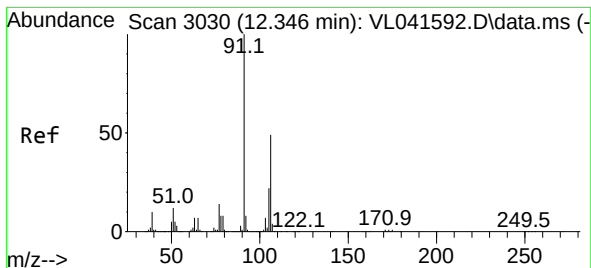
Tgt Ion:112 Resp: 2103559
Ion Ratio Lower Upper
112 100
77 65.0 52.0 78.0
114 31.8 28.6 35.0



#58
Ethyl Benzene
Concen: 8.476 ppbv
RT: 12.066 min Scan# 2943
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 91 Resp: 3600157
Ion Ratio Lower Upper
91 100
106 32.2 25.8 38.6

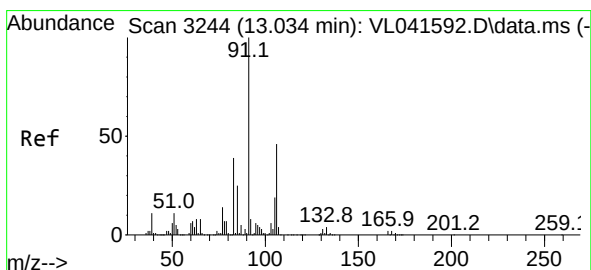
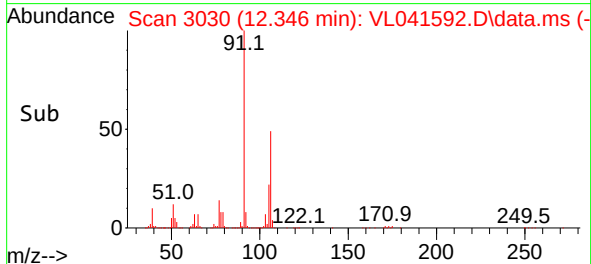
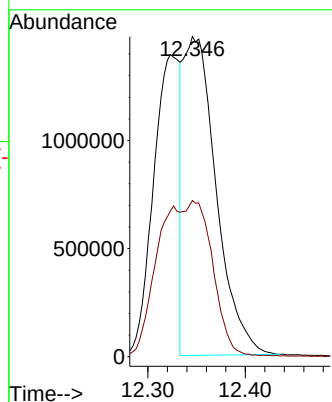
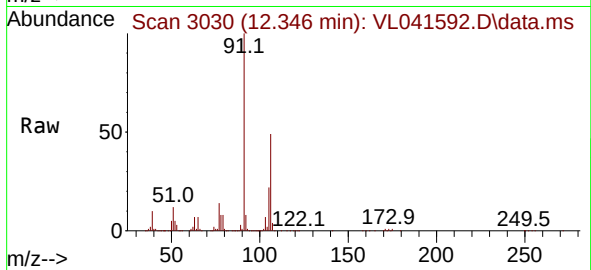




#59
m/p-Xylene
Concen: 9.406 ppbv
RT: 12.346 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

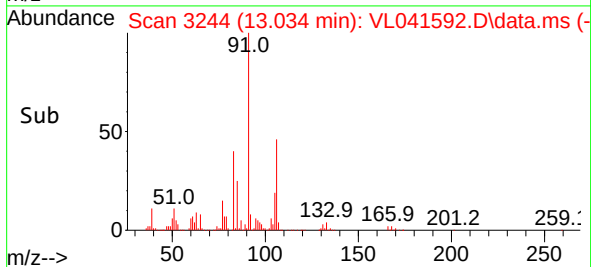
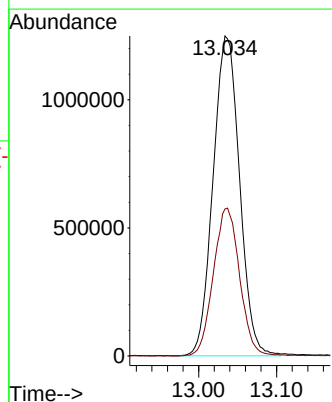
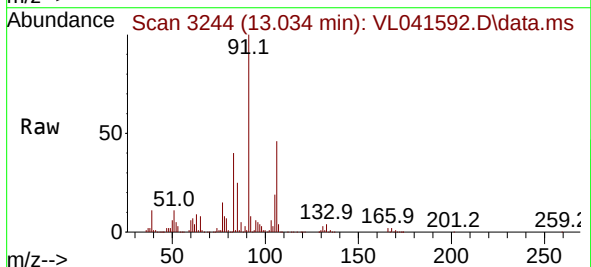
Instrument :
MSVOA_L
ClientSampleId :

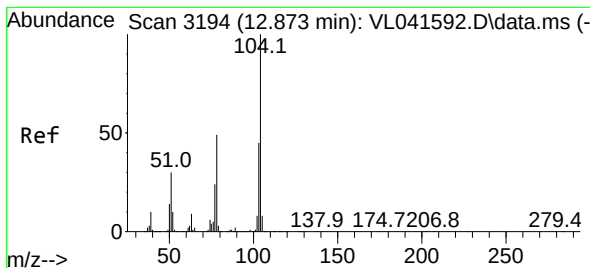
Tgt Ion: 91 Resp: 3447190
Ion Ratio Lower Upper
91 100
106 81.6 36.8 55.2#



#60
o-Xylene
Concen: 8.480 ppbv
RT: 13.034 min Scan# 3244
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 91 Resp: 2948315
Ion Ratio Lower Upper
91 100
106 46.2 23.1 69.3





#61

Styrene

Concen: 9.201 ppbv

RT: 12.873 min Scan# 3194

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

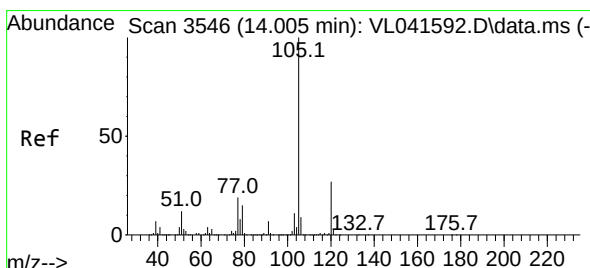
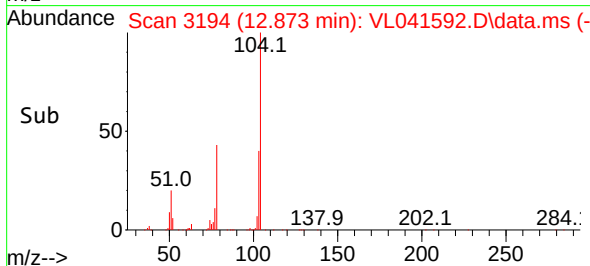
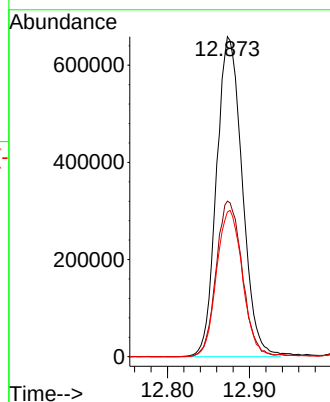
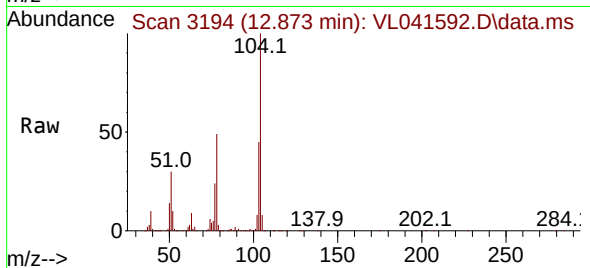
Tgt Ion:104 Resp: 1437066

Ion Ratio Lower Upper

104 100

78 49.7 39.8 59.6

103 46.7 37.4 56.0



#62

Isopropylbenzene

Concen: 8.118 ppbv

RT: 14.005 min Scan# 3546

Delta R.T. 0.000 min

Lab File: VL041592.D

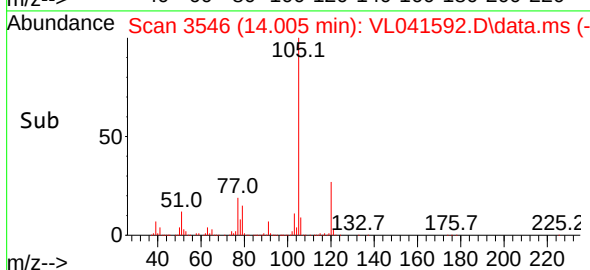
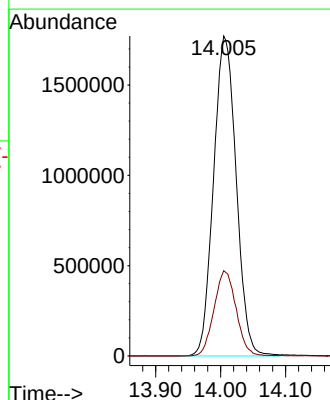
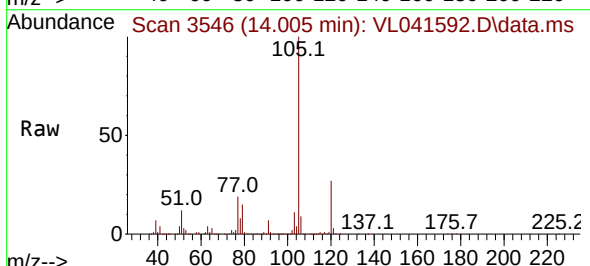
Acq: 16 Sep 2024 13:15

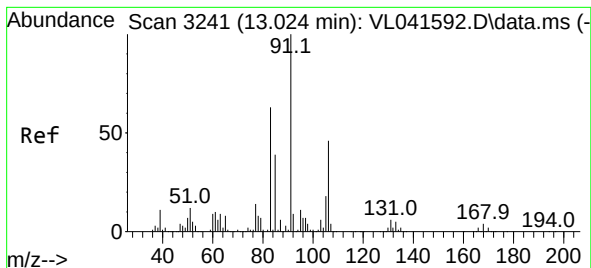
Tgt Ion:105 Resp: 4279685

Ion Ratio Lower Upper

105 100

120 26.1 20.9 31.3





#63

1,1,2,2-Tetrachloroethane

Concen: 6.590 ppbv

RT: 13.024 min Scan# 3241

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

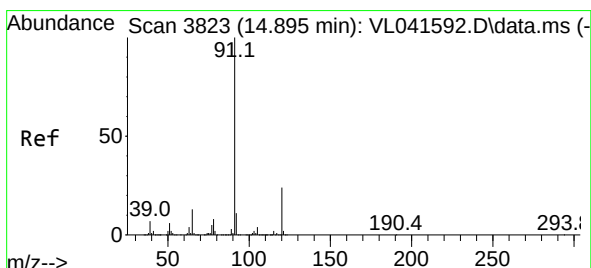
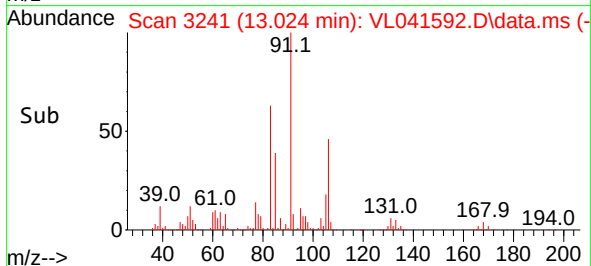
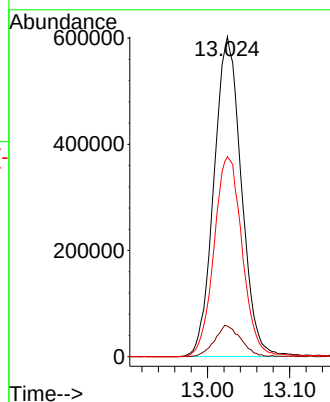
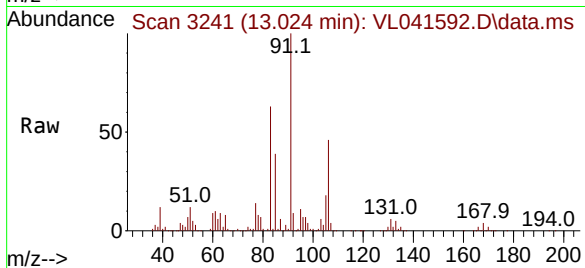
Tgt Ion: 83 Resp: 1398913

Ion Ratio Lower Upper

83 100

131 9.6 4.8 14.4

85 64.9 32.5 97.4



#64

n-propylbenzene

Concen: 8.351 ppbv

RT: 14.895 min Scan# 3823

Delta R.T. 0.000 min

Lab File: VL041592.D

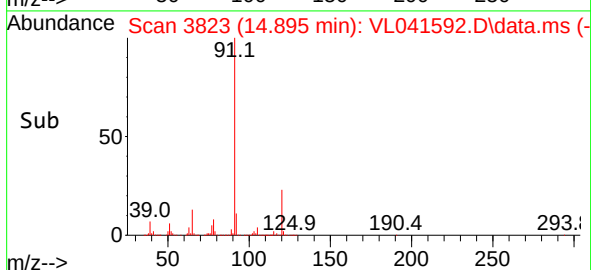
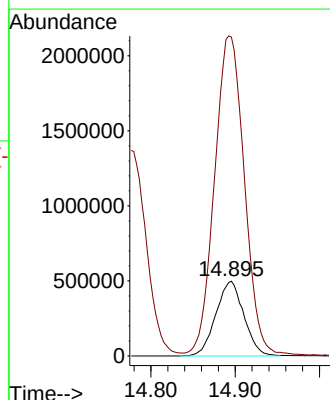
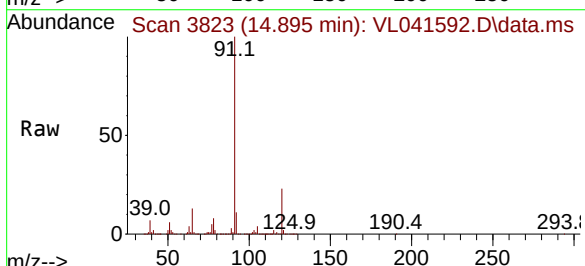
Acq: 16 Sep 2024 13:15

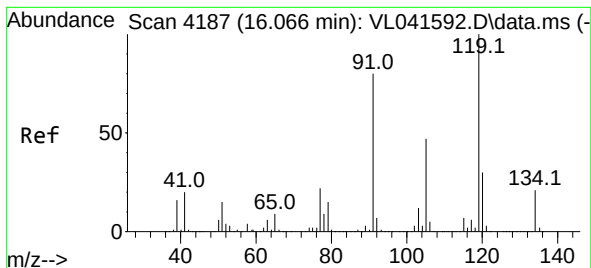
Tgt Ion: 120 Resp: 1149808

Ion Ratio Lower Upper

120 100

91 458.0 366.4 549.6





#65

tert-Butylbenzene

Concen: 8.100 ppbv

RT: 16.066 min Scan# 4187

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

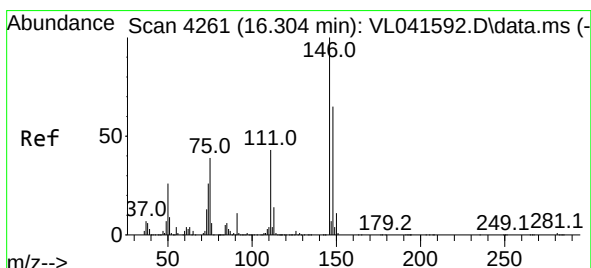
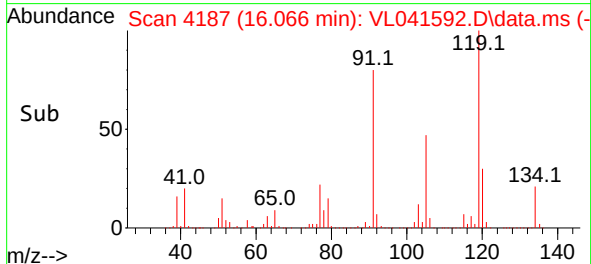
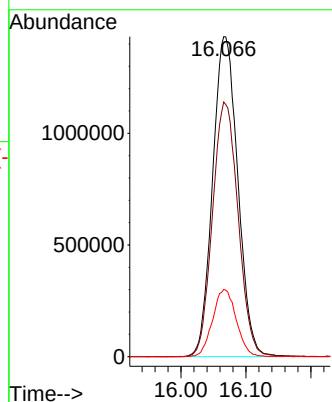
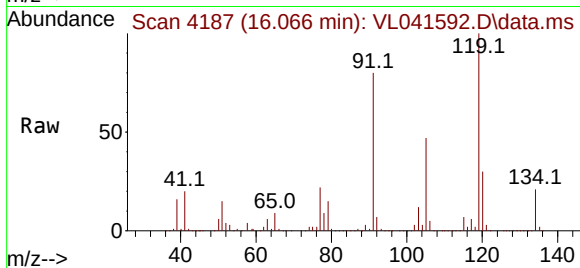
Tgt Ion:119 Resp: 3855478

Ion Ratio Lower Upper

119 100

91 80.7 64.6 96.8

134 19.8 15.8 23.8



#66

Benzyl Chloride

Concen: 7.196 ppbv

RT: 16.304 min Scan# 4261

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

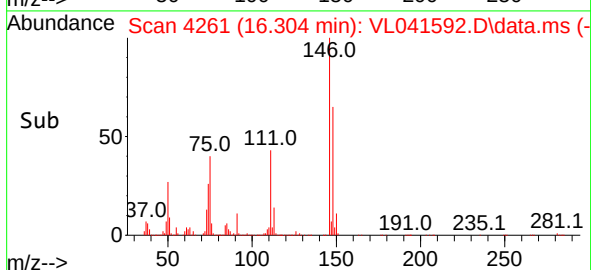
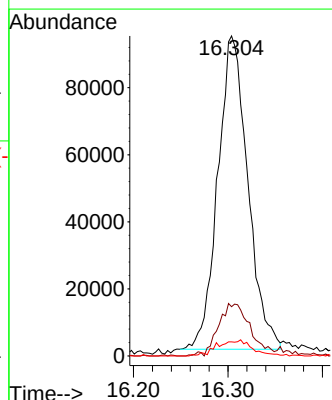
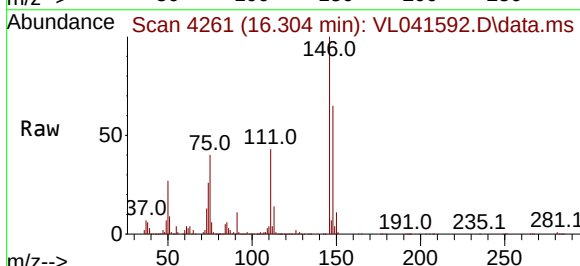
Tgt Ion: 91 Resp: 205903

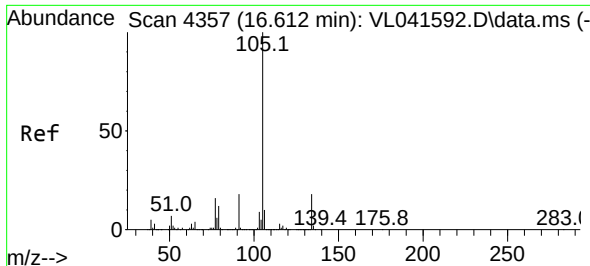
Ion Ratio Lower Upper

91 100

126 19.3 15.4 23.2

128 6.0 4.8 7.2

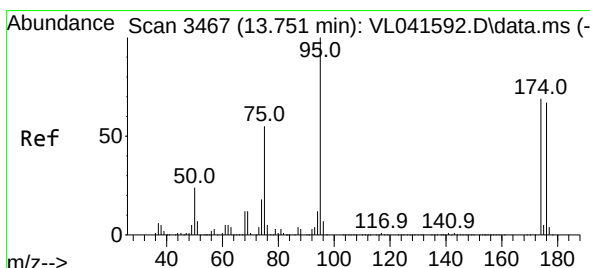
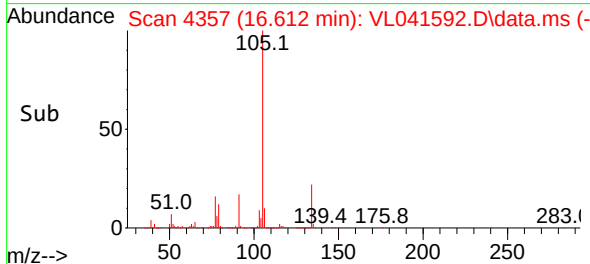
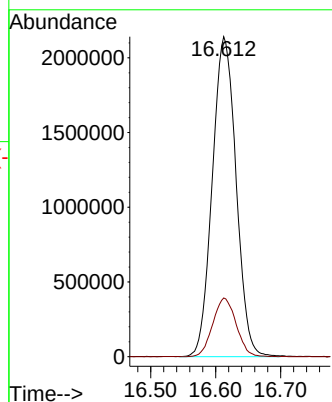
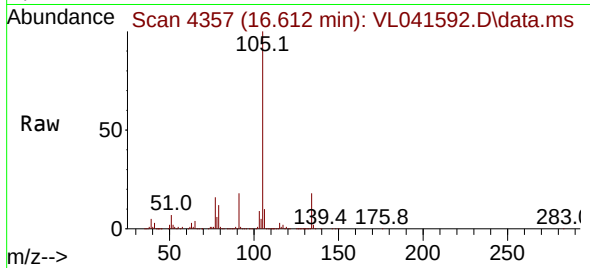




#67
 sec-Butylbenzene
 Concen: 8.266 ppbv
 RT: 16.612 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

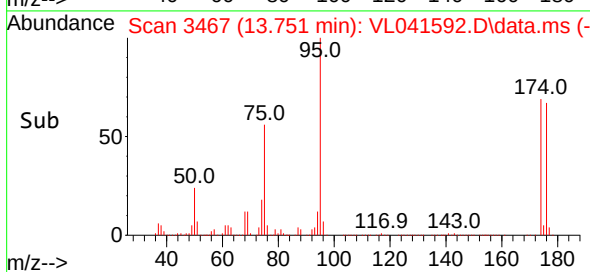
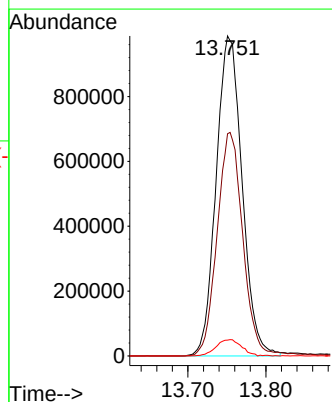
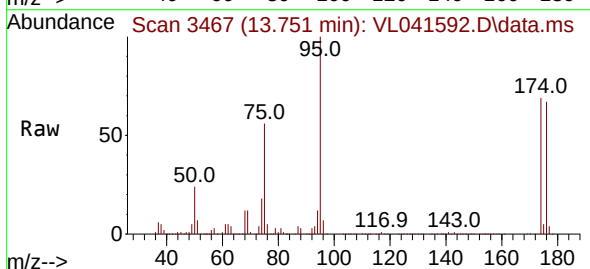
Instrument :
 MSVOA_L
 ClientSampleId :

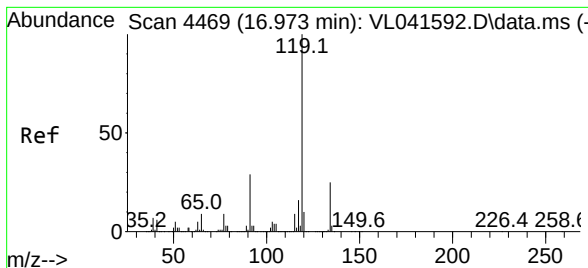
Tgt Ion:105 Resp: 5434135
 Ion Ratio Lower Upper
 105 100
 134 18.2 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.145 ppbv
 RT: 13.751 min Scan# 3467
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

Tgt Ion: 95 Resp: 2284732
 Ion Ratio Lower Upper
 95 100
 174 69.8 55.8 83.8
 175 5.1 4.1 6.1

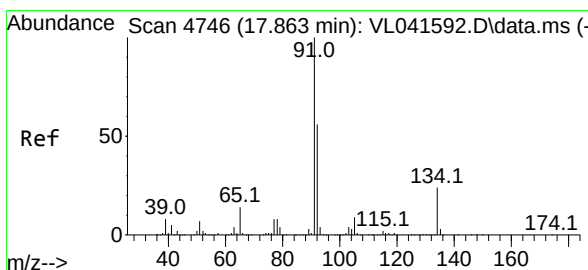
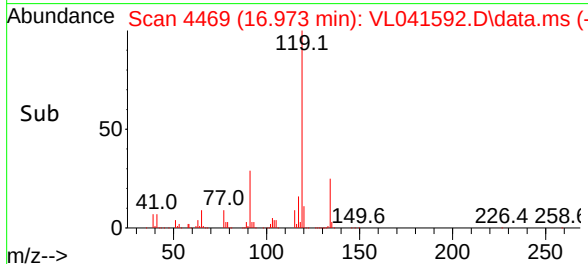
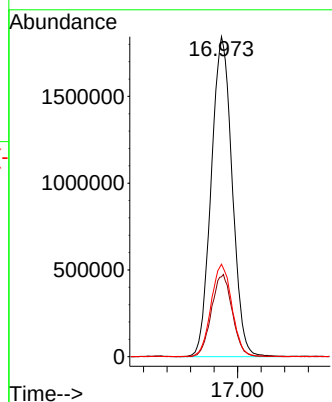
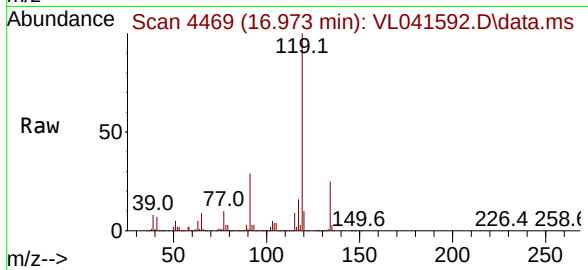




#69
p-Isopropyltoluene
Concen: 8.347 ppbv
RT: 16.973 min Scan# 4469
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

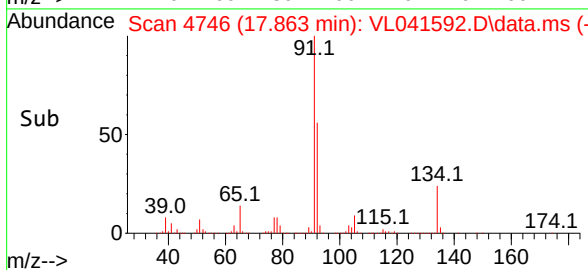
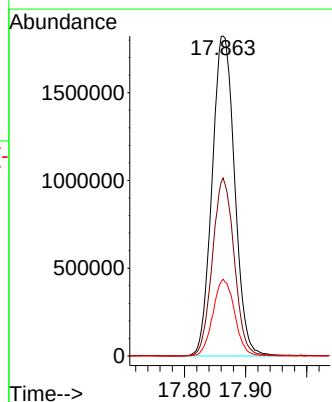
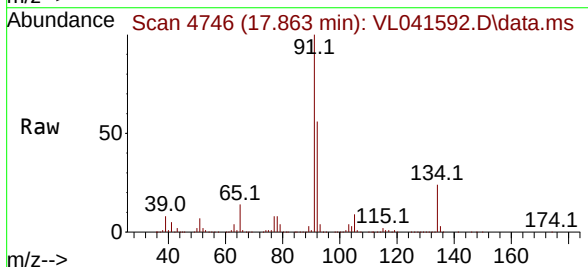
Instrument :
MSVOA_1
ClientSampleId :

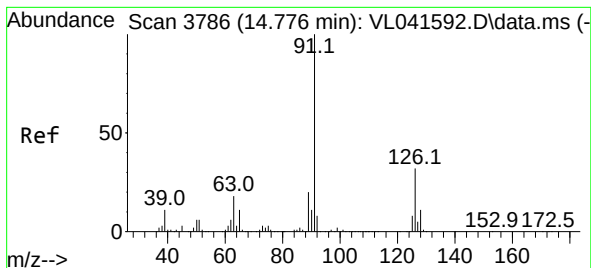
Tgt Ion:119 Resp: 4544895
Ion Ratio Lower Upper
119 100
134 25.6 20.5 30.7
91 28.9 23.1 34.7



#70
n-Butylbenzene
Concen: 8.353 ppbv
RT: 17.863 min Scan# 4746
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion: 91 Resp: 4664460
Ion Ratio Lower Upper
91 100
92 54.0 43.2 64.8
134 23.2 18.6 27.8

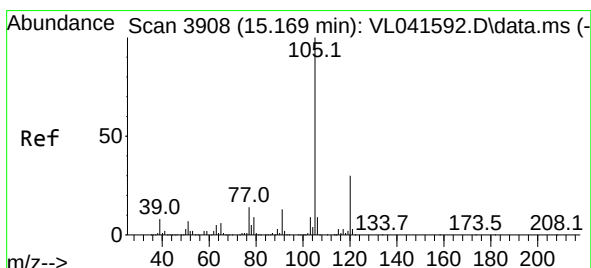
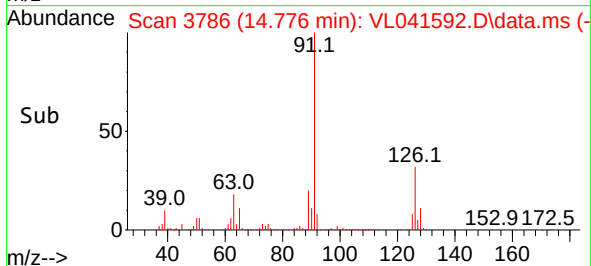
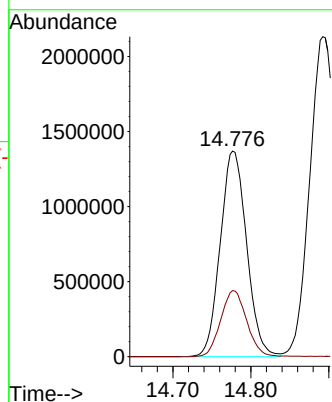
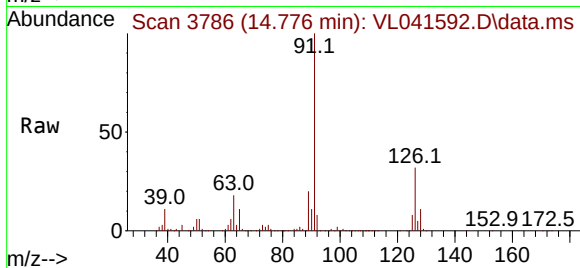




#71
2-Chlorotoluene
Concen: 8.291 ppbv
RT: 14.776 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

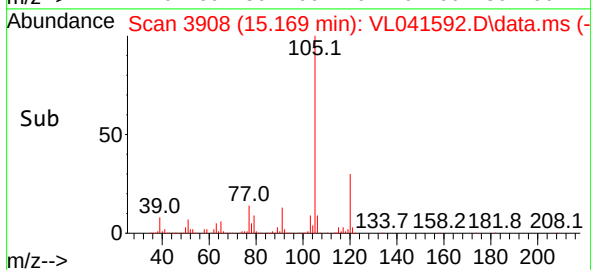
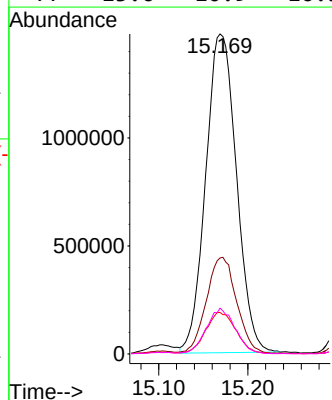
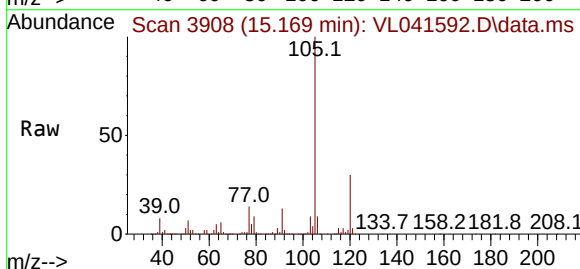
Instrument :
MSVOA_L
ClientSampleId :

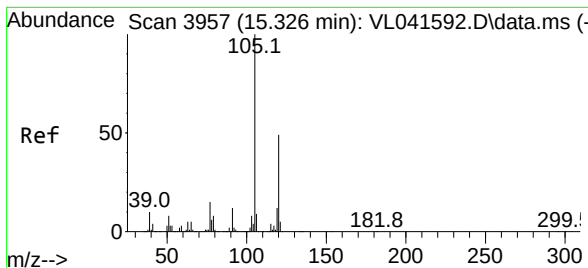
Tgt Ion: 91 Resp: 3221836
Ion Ratio Lower Upper
91 100
126 32.2 12.9 51.5



#72
4-Ethyltoluene
Concen: 8.682 ppbv
RT: 15.169 min Scan# 3908
Delta R.T. 0.000 min
Lab File: VL041592.D
Acq: 16 Sep 2024 13:15

Tgt Ion:105 Resp: 3541706
Ion Ratio Lower Upper
105 100
120 30.1 24.1 36.1
91 12.7 10.2 15.2
77 13.6 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 8.627 ppbv

RT: 15.326 min Scan# 3957

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

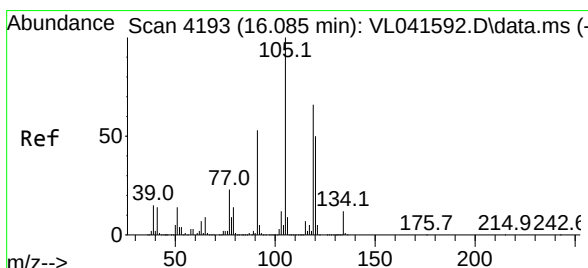
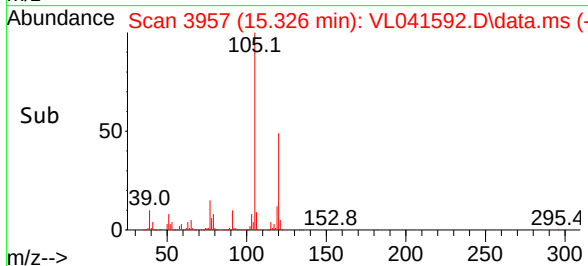
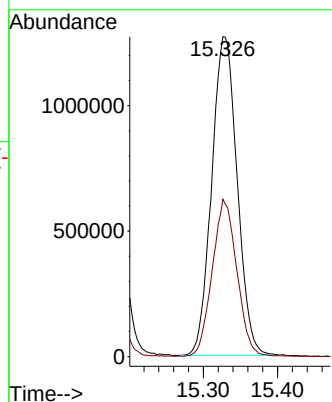
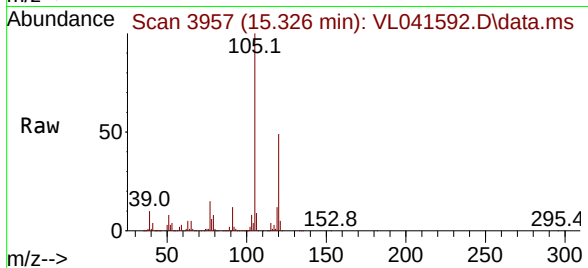
ClientSampleId :

Tgt Ion:105 Resp: 3032119

Ion Ratio Lower Upper

105 100

120 49.2 39.4 59.0



#74

1,2,4-Trimethylbenzene

Concen: 8.218 ppbv

RT: 16.085 min Scan# 4193

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Tgt Ion:105 Resp: 3360833

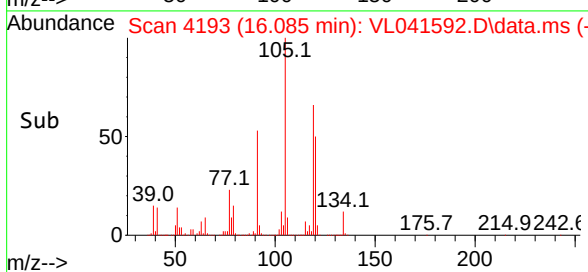
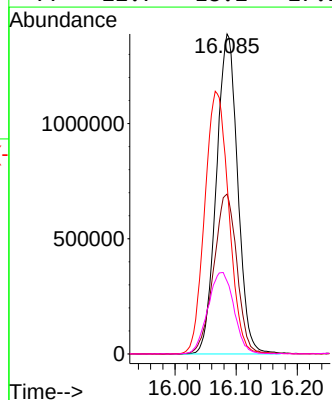
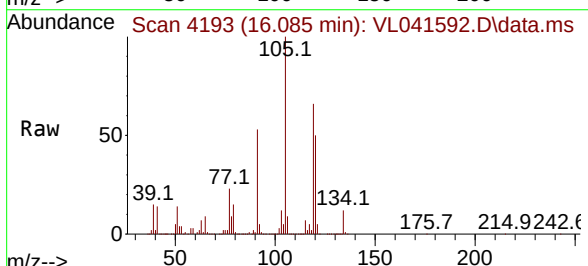
Ion Ratio Lower Upper

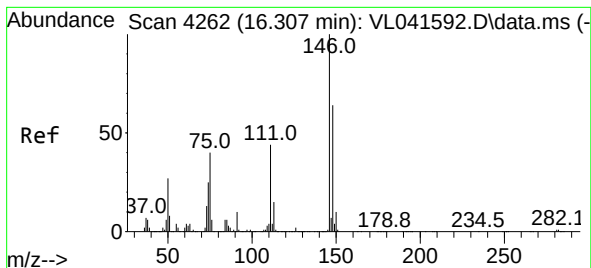
105 100

120 49.9 39.9 59.9

91 53.2 42.6 63.8

77 22.7 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 8.135 ppbv

RT: 16.307 min Scan# 4262

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

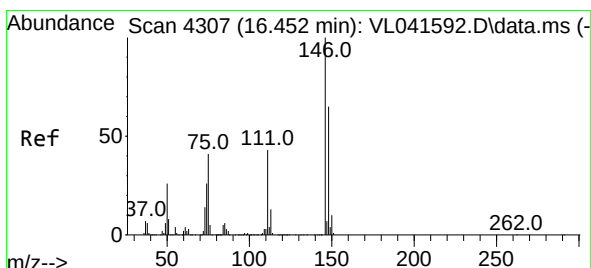
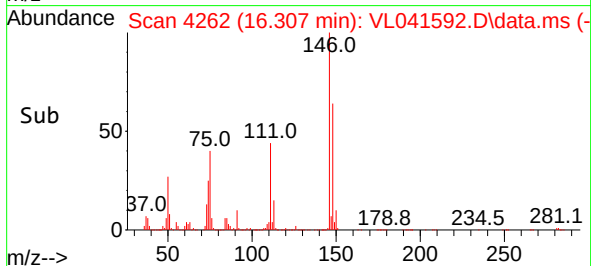
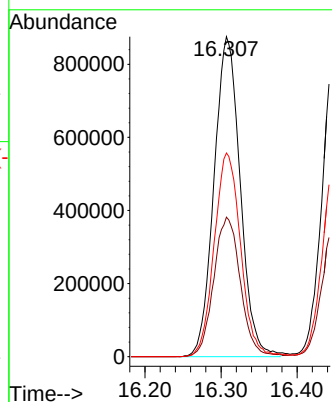
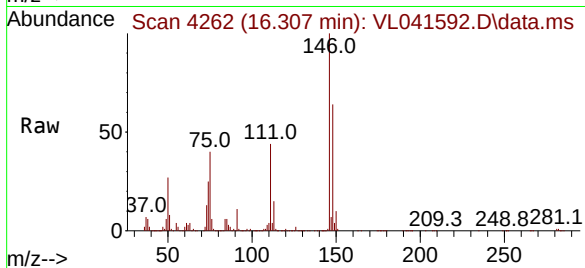
Tgt Ion:146 Resp: 2088291

Ion Ratio Lower Upper

146 100

111 44.7 22.4 67.0

148 64.3 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 8.175 ppbv

RT: 16.452 min Scan# 4307

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

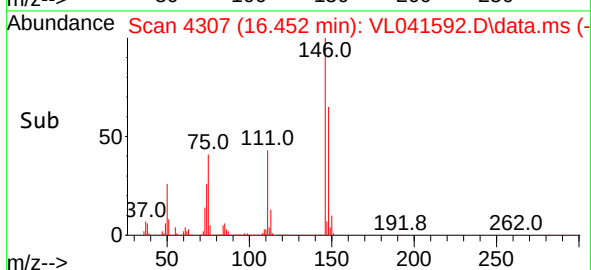
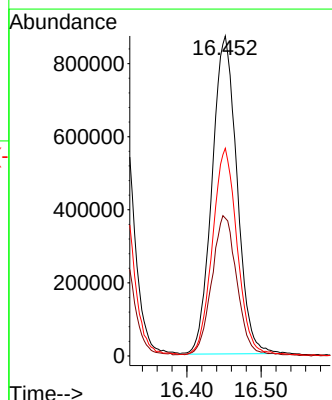
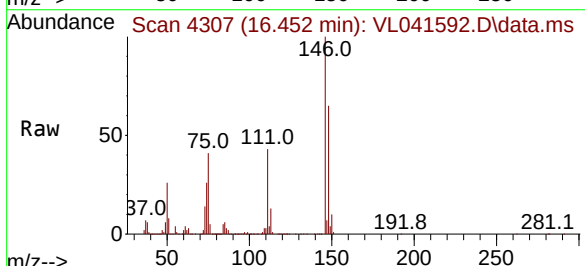
Tgt Ion:146 Resp: 2030349

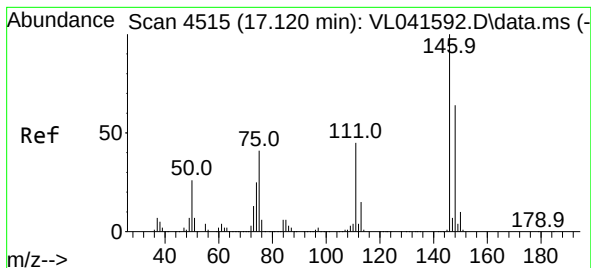
Ion Ratio Lower Upper

146 100

111 44.9 22.4 67.3

148 65.6 32.8 98.4





#77

1,2-Dichlorobenzene

Concen: 7.943 ppbv

RT: 17.120 min Scan# 4515

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

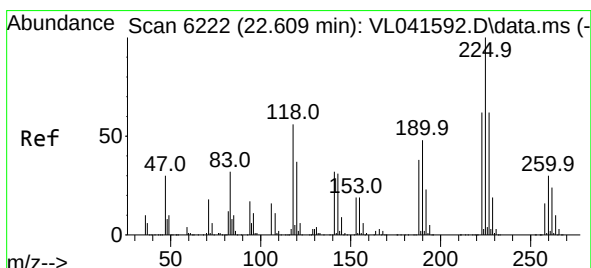
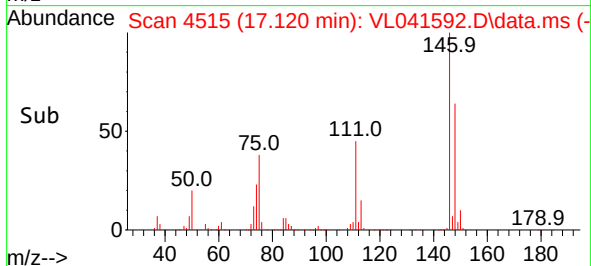
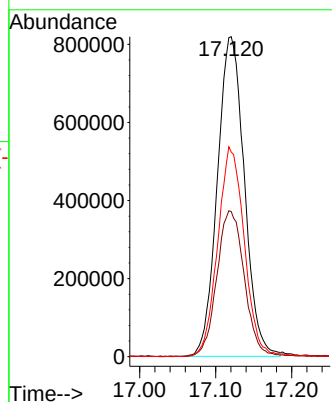
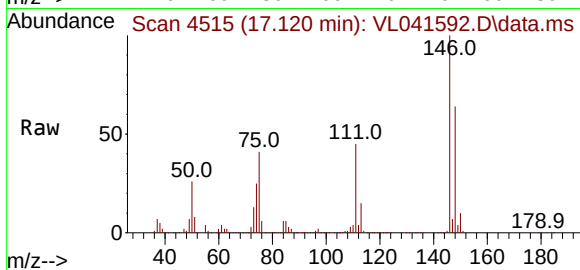
Tgt Ion:146 Resp: 2019099

Ion Ratio Lower Upper

146 100

111 46.7 23.4 70.0

148 64.9 32.5 97.4



#78

Hexachloro-1,3-Butadiene

Concen: 6.984 ppbv

RT: 22.609 min Scan# 6222

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

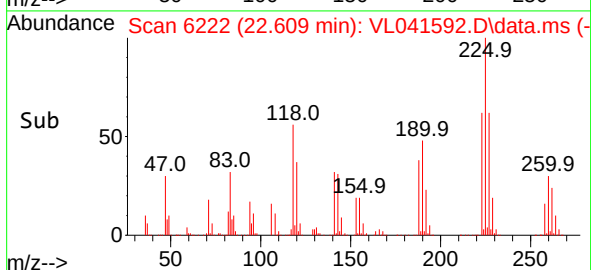
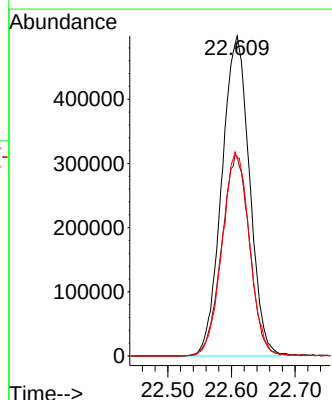
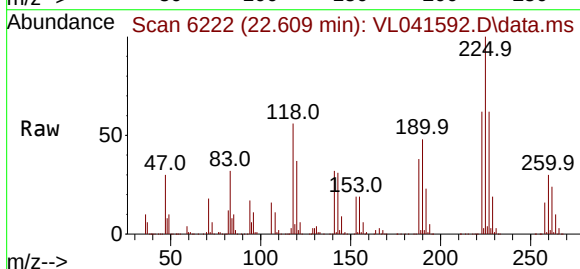
Tgt Ion:225 Resp: 1508307

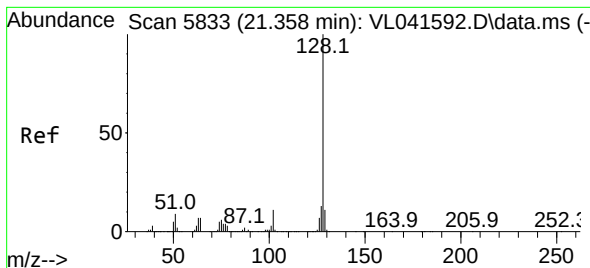
Ion Ratio Lower Upper

225 100

223 63.2 50.6 75.8

227 63.6 50.9 76.3





#79

Naphthalene

Concen: 8.942 ppbv

RT: 21.358 min Scan# 5833

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

Instrument :

MSVOA_L

ClientSampleId :

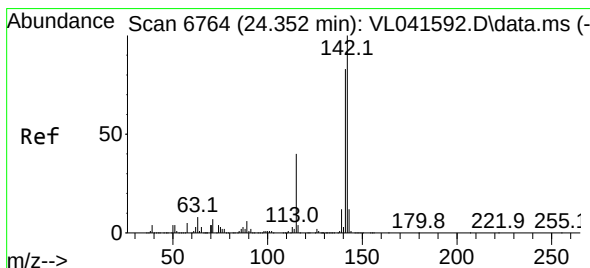
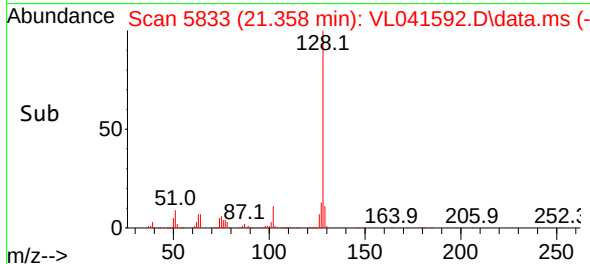
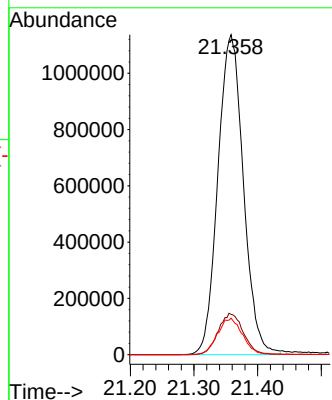
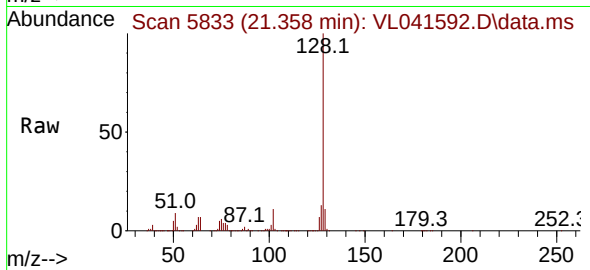
Tgt Ion:128 Resp: 3163696

Ion Ratio Lower Upper

128 100

127 12.6 10.1 15.1

129 11.4 9.1 13.7



#80

Naphthalene,2-methyl-

Concen: 8.111 ppbv

RT: 24.352 min Scan# 6764

Delta R.T. 0.000 min

Lab File: VL041592.D

Acq: 16 Sep 2024 13:15

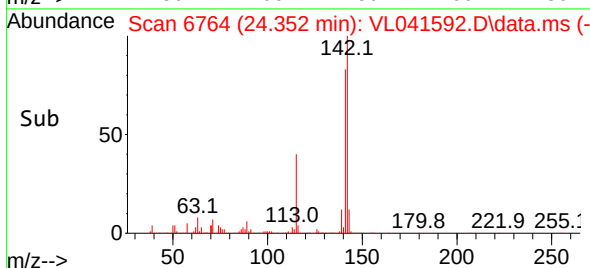
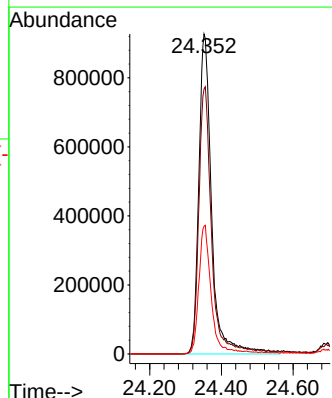
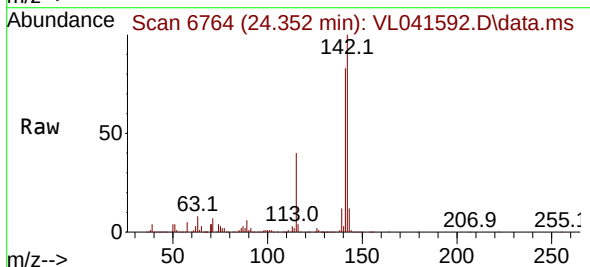
Tgt Ion:142 Resp: 2300402

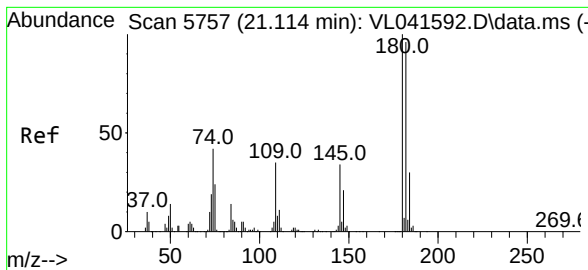
Ion Ratio Lower Upper

142 100

141 82.9 66.3 99.5

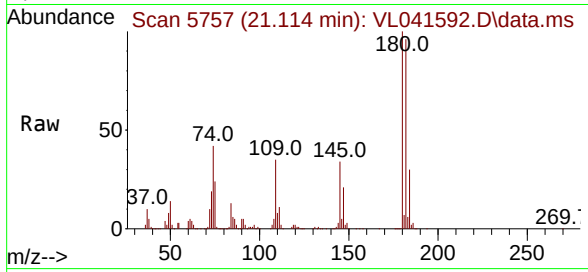
115 39.3 31.4 47.2





#81
 1,2,4-Trichlorobenzene
 Concen: 7.911 ppbv
 RT: 21.114 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041592.D
 Acq: 16 Sep 2024 13:15

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1667878

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.5	114.7
184	30.9	24.7	37.1

