

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041662.D
 Acq On : 14 Oct 2024 11:02
 Operator : SY/MD
 Sample : VL1014ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 15 02:39:33 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.205	49	1108335	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	6.668	114	2963163	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.491	117	3472413	10.000	ppbv	0.05
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	2157989	8.442	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	84.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.722	85	1145692	7.158	ppbv	100
3) Chlorodifluoromethane	2.668	51	1310086	9.745	ppbv	99
4) Chloromethane	2.809	50	719788	9.735	ppbv	99
5) Vinyl Chloride	2.915	62	702662	10.975	ppbv	99
6) Bromomethane	3.118	94	255661	8.027	ppbv	98
7) Chloroethane	3.195	64	243123	9.764	ppbv	100
8) Dichlorotetrafluoroethane	2.851	85	1660268	9.888	ppbv	100
9) Propene	2.687	41	601524	10.608	ppbv	100
10) Heptane	7.597	43	1497343	11.278	ppbv	100
11) Trichlorofluoromethane	3.562	101	1638422	9.620	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.070	101	1209387	9.804	ppbv	99
13) Ethanol	3.250	45	22271	5.224	ppbv	92
14) Bromoethene	3.362	108	490120	10.478	ppbv	99
15) Acetone	3.468	43	1216859	8.745	ppbv	99
16) 1,3-Butadiene	2.980	39	697703	10.309	ppbv	97
17) tert-Butyl alcohol	3.880	59	1247539	10.195	ppbv	99
18) 1,1-Dichloroethene	3.883	96	536176	10.267	ppbv	98
19) Isopropyl Alcohol	3.578	45	669012	9.392	ppbv #	98
20) Methylene Chloride	3.935	84	432714	8.278	ppbv	93
21) Allyl Chloride	3.999	41	835610	10.361	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	529705	10.168	ppbv	99
23) Vinyl Acetate	4.632	43	878250	11.475	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1187574	10.338	ppbv	100
25) Ethyl Acetate	5.214	43	2658560	10.643	ppbv	99
26) Hexane	5.221	57	1083358	10.400	ppbv	99
27) Carbon Disulfide	4.128	76	1283235	11.588	ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	665747	10.366	ppbv	99
29) Chloroform	5.285	83	1702002	9.984	ppbv	97
30) Cyclohexane	6.619	84	915770	11.404	ppbv	99
31) cis-1,2-Dichloroethene	5.089	61	1035844	10.474	ppbv	99
32) 1,1,1-Trichloroethane	6.015	97	1684176	11.092	ppbv	99
34) 2-Butanone	4.793	43	1385663	9.807	ppbv	99
35) Carbon Tetrachloride	6.507	117	1746265	12.011	ppbv	100
36) Benzene	6.385	78	2302124	11.187	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1275743	10.685	ppbv	99
38) Trichloroethene	7.307	130	1161316	10.958	ppbv	99
39) 1,2-Dichloropropane	7.089	63	896567	10.709	ppbv	98
40) 1,4-Dioxane	7.307	88	351904	11.151	ppbv #	99
41) Tetrahydrofuran	5.568	42	919479	11.825	ppbv	100
42) Bromodichloromethane	7.266	83	1834480	11.043	ppbv	99
43) Methyl Methacrylate	7.494	69	902852	12.260	ppbv	99
44) 2,2,4-Trimethylpentane	7.343	57	3928081	11.033	ppbv	100
45) t-1,3-Dichloropropene	8.729	75	686411	11.561	ppbv	98

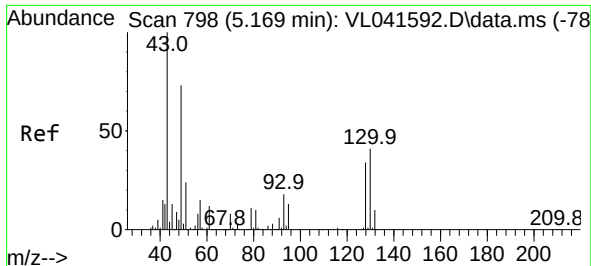
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041662.D
 Acq On : 14 Oct 2024 11:02
 Operator : SY/MD
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Quant Time: Oct 15 02:39:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 09:12:21 2024
 Response via : Initial Calibration

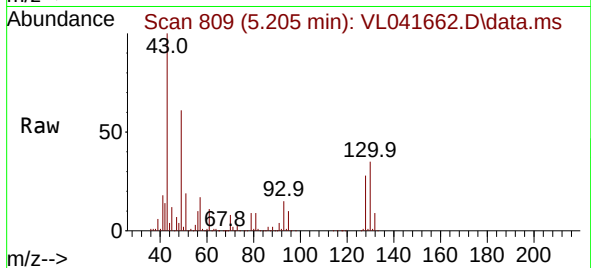
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.163	75	986486	11.341	ppbv	99
47) 1,1,2-Trichloroethane	8.918	97	953812	10.730	ppbv	99
48) Dibromochloromethane	9.732	129	1556080	11.554	ppbv	100
49) Bromoform	12.433	173	1337606	11.570	ppbv	99
50) 4-Methyl-2-Pentanone	8.198	43	2599545	11.914	ppbv	99
51) 2-Hexanone	9.571	43	2038924	12.354	ppbv	100
52) Tetrachloroethene	10.639	164	845842	11.351	ppbv	97
53) Toluene	9.240	91	2657525	12.166	ppbv	100
54) 1,2-Dibromoethane	10.031	107	1251918	11.437	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.529	131	1161496	8.567	ppbv	99
57) Chlorobenzene	11.552	112	2072182	8.277	ppbv	98
58) Ethyl Benzene	12.111	91	3564325	9.589	ppbv	99
59) m/p-Xylene	12.394	91	3216946	9.724	ppbv #	38
60) o-Xylene	13.079	91	2940555	9.271	ppbv	100
61) Styrene	12.918	104	1389742	10.488	ppbv	100
62) Isopropylbenzene	14.053	105	4251841	8.848	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.069	83	1519552	9.370	ppbv	99
64) n-propylbenzene	14.937	120	1134283	9.140	ppbv	99
65) tert-Butylbenzene	16.114	119	3818025	8.668	ppbv	100
66) Benzyl Chloride	16.349	91	206302	9.009	ppbv	95
67) sec-Butylbenzene	16.661	105	5353060	8.759	ppbv	100
69) p-Isopropyltoluene	17.018	119	4451290	8.998	ppbv	100
70) n-Butylbenzene	17.908	91	4571641	8.822	ppbv	100
71) 2-Chlorotoluene	14.825	91	3185904	9.010	ppbv	99
72) 4-Ethyltoluene	15.214	105	3484380	9.398	ppbv	99
73) 1,3,5-Trimethylbenzene	15.375	105	2987131	9.124	ppbv	98
74) 1,2,4-Trimethylbenzene	16.134	105	3325802	8.679	ppbv	95
75) 1,3-Dichlorobenzene	16.355	146	1996430	8.313	ppbv	100
76) 1,4-Dichlorobenzene	16.497	146	1937729	8.420	ppbv	100
77) 1,2-Dichlorobenzene	17.169	146	1943634	8.198	ppbv	99
78) Hexachloro-1,3-Butadiene	22.664	225	1356495	6.936	ppbv	100
79) Naphthalene	21.413	128	2594745	9.200	ppbv	99
80) Naphthalene,2-methyl-	24.394	142	833531	4.218	ppbv	99
81) 1,2,4-Trichlorobenzene	21.165	180	1375748	7.673	ppbv	98

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

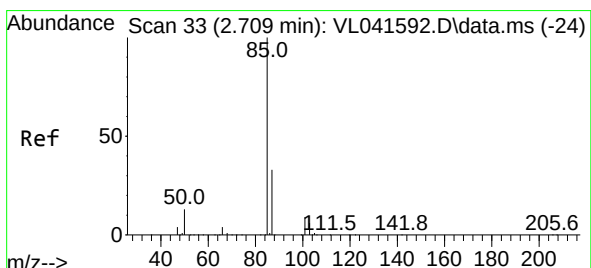
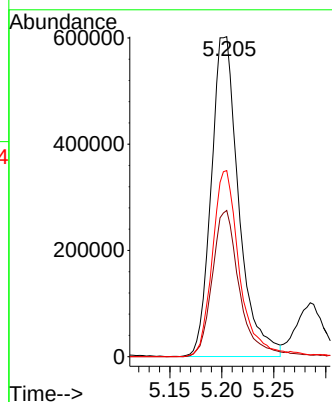
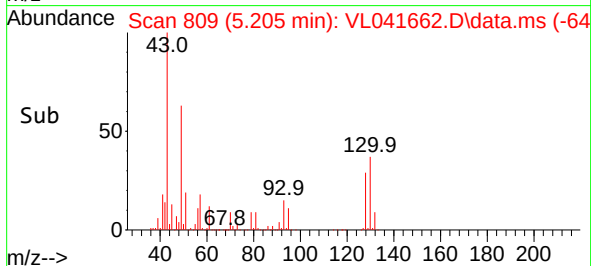


#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.205 min Scan# 80
 Delta R.T. 0.036 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Instrument :
 MSVOA_L
 ClientSampleId :

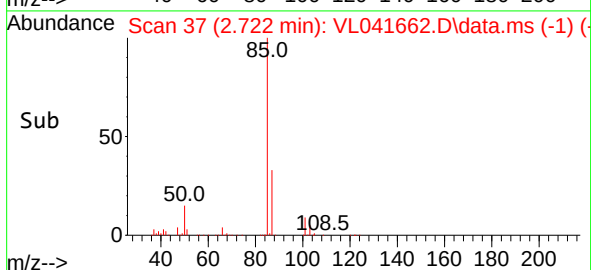
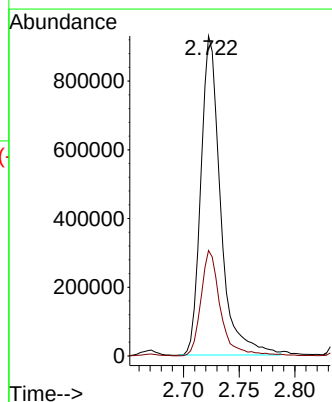
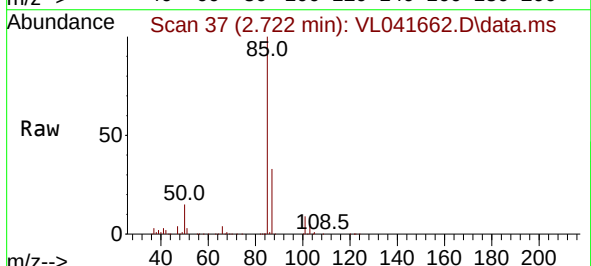


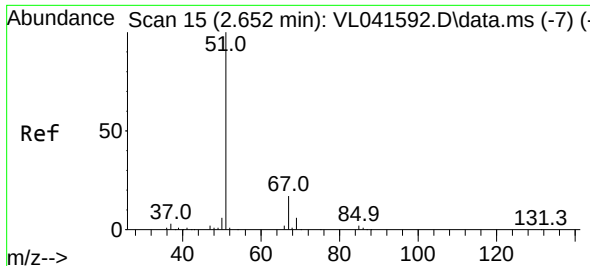
Tgt Ion: 49 Resp: 1108335
 Ion Ratio Lower Upper
 49 100
 128 46.3 23.8 71.5
 130 59.3 30.4 91.3



#2
 Dichlorodifluoromethane
 Concen: 7.158 ppbv
 RT: 2.722 min Scan# 37
 Delta R.T. 0.013 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Tgt Ion: 85 Resp: 1145692
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.3 39.5

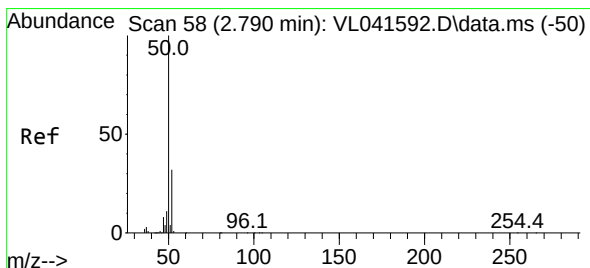
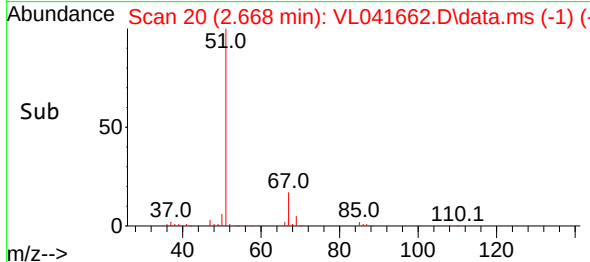
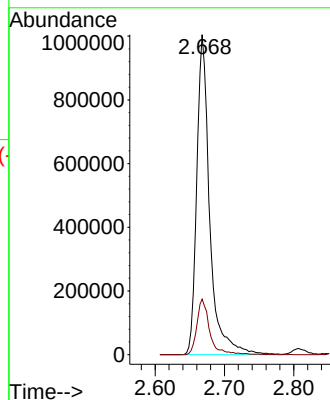
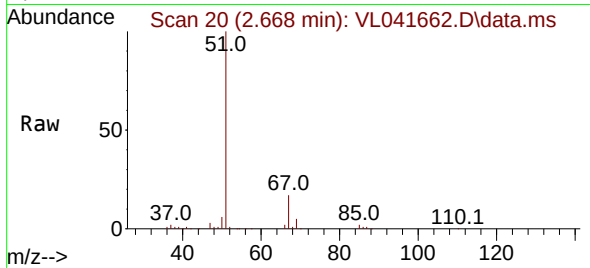




#3
Chlorodifluoromethane
Concen: 9.745 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

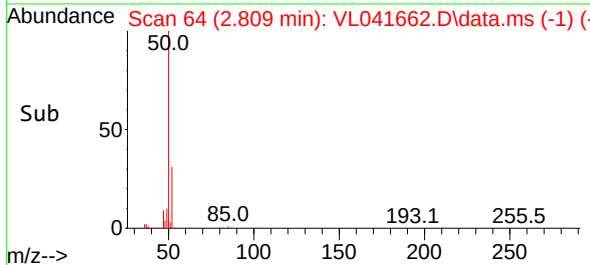
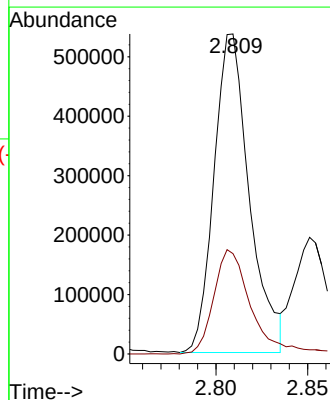
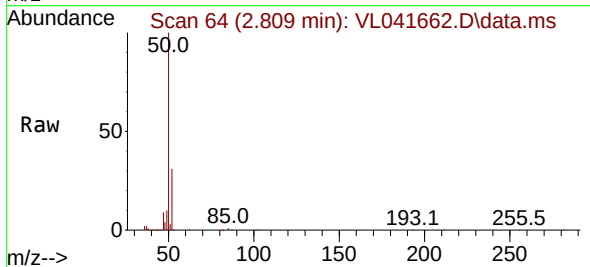
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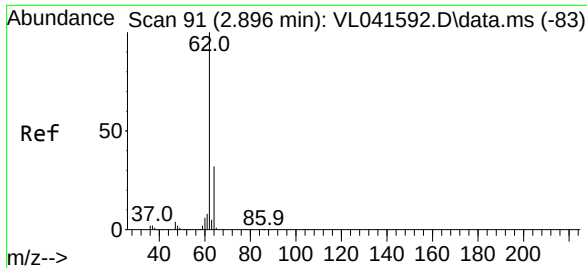
Tgt Ion: 51 Resp: 1310086
Ion Ratio Lower Upper
51 100
67 17.3 14.1 21.1



#4
Chloromethane
Concen: 9.735 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.019 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 50 Resp: 719788
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.2

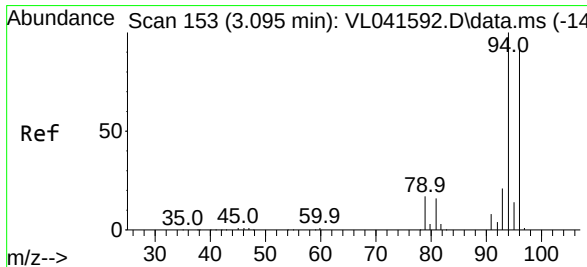
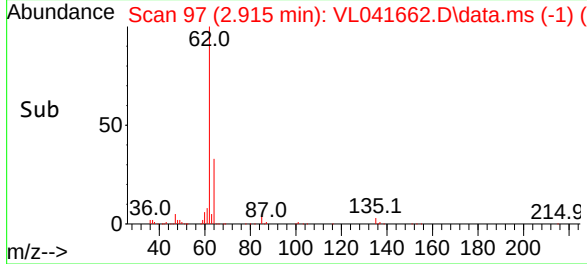
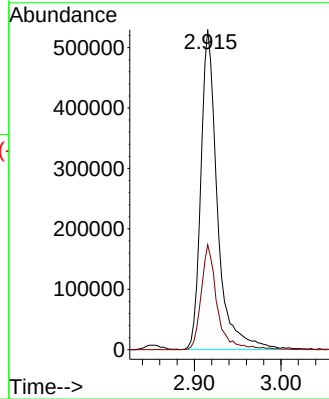
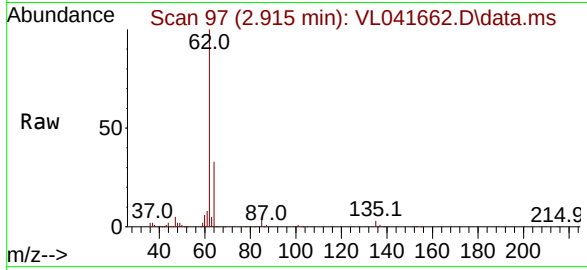




#5
 Vinyl Chloride
 Concen: 10.975 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.019 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

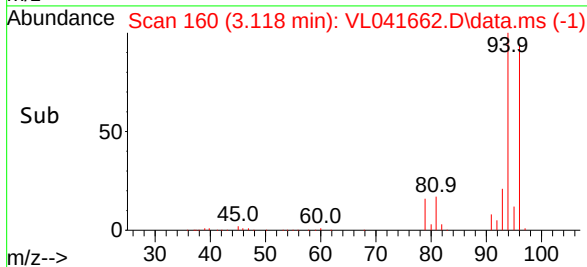
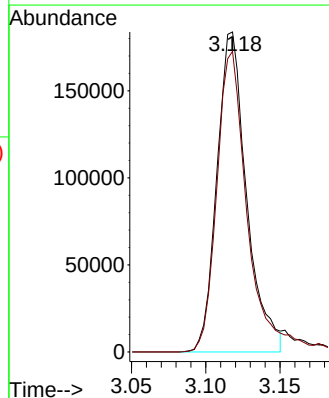
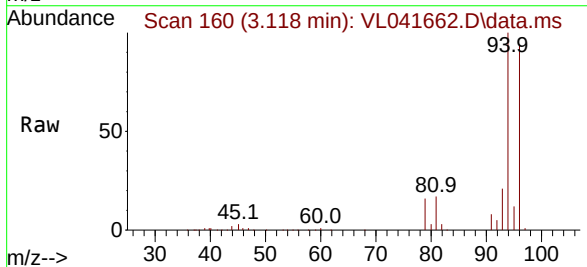
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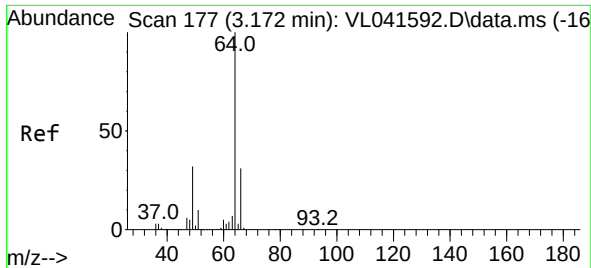
Tgt Ion: 62 Resp: 702662
 Ion Ratio Lower Upper
 62 100
 64 32.8 26.0 39.0



#6
 Bromomethane
 Concen: 8.027 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.023 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Tgt Ion: 94 Resp: 255661
 Ion Ratio Lower Upper
 94 100
 96 94.0 73.4 110.2

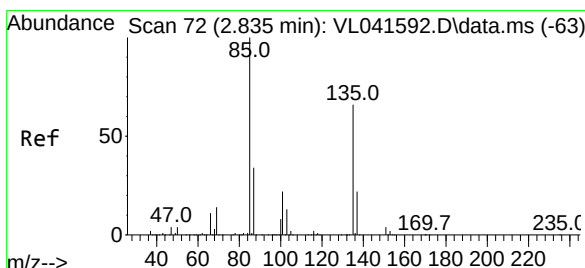
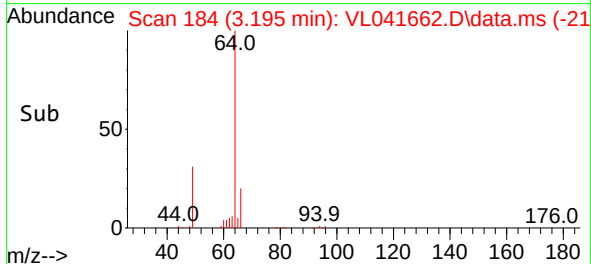
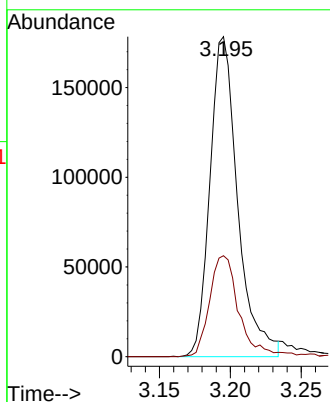
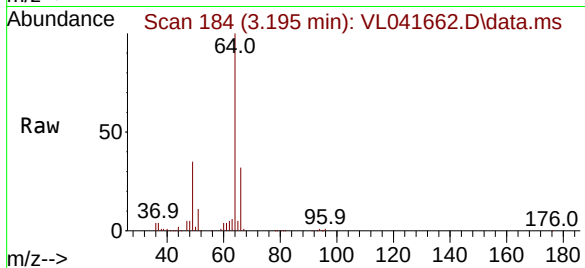




#7
Chloroethane
Concen: 9.764 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

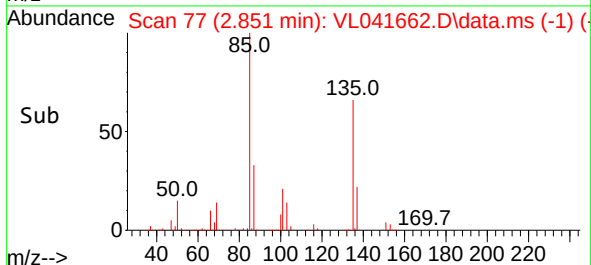
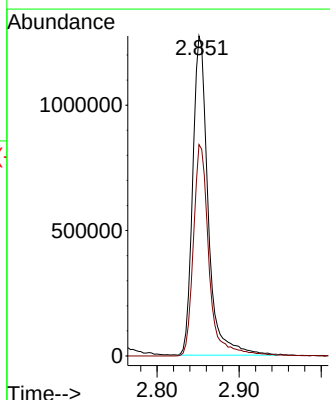
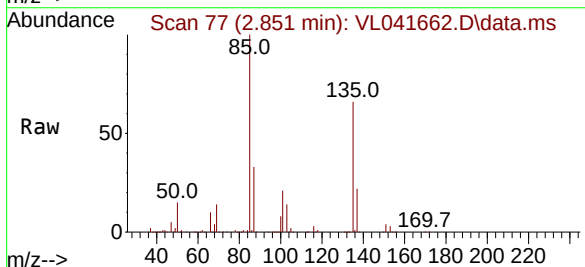
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ClientSampleId :

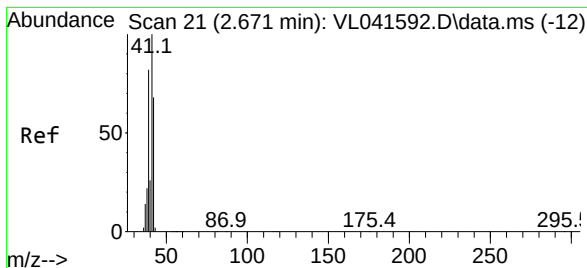
Tgt Ion: 64 Resp: 243123
Ion Ratio Lower Upper
64 100
66 31.6 25.1 37.7



#8
Dichlorotetrafluoroethane
Concen: 9.888 ppbv
RT: 2.851 min Scan# 77
Delta R.T. 0.016 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 85 Resp: 1660268
Ion Ratio Lower Upper
85 100
135 67.4 53.9 80.9





#9

Propene

Concen: 10.608 ppbv

RT: 2.687 min Scan# 21

Delta R.T. 0.016 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

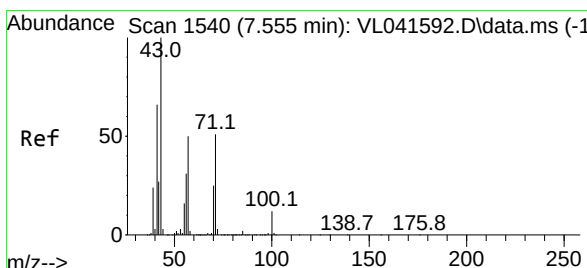
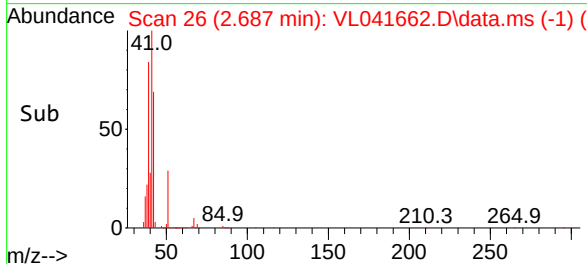
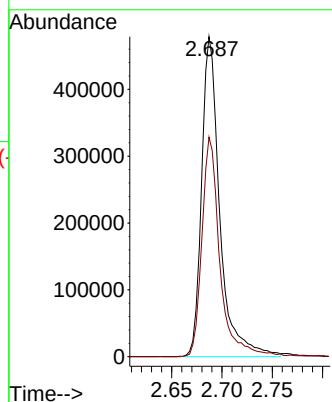
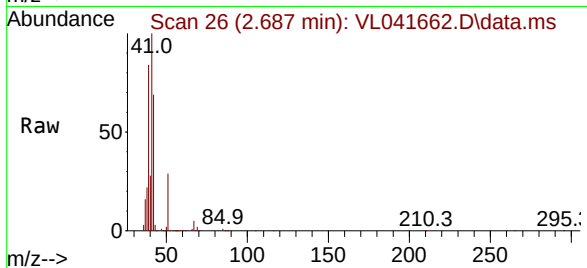
ClientSampleId :

Tgt Ion: 41 Resp: 601524

Ion Ratio Lower Upper

41 100

42 68.6 55.2 82.8



#10

Heptane

Concen: 11.278 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.042 min

Lab File: VL041662.D

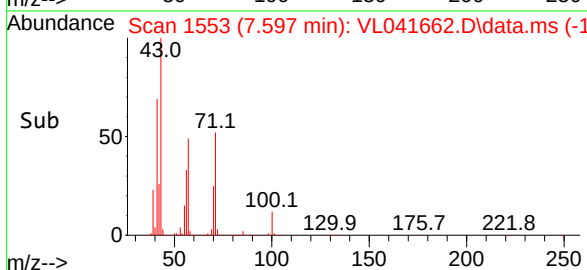
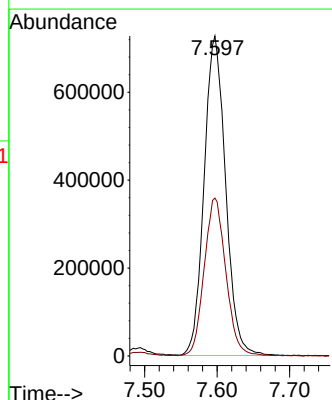
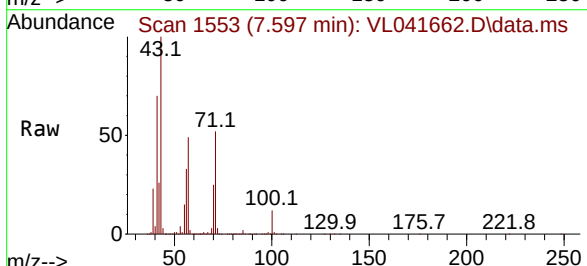
Acq: 14 Oct 2024 11:02

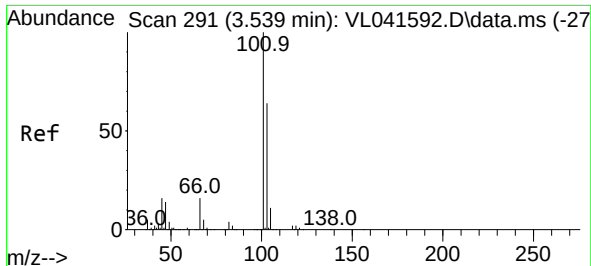
Tgt Ion: 43 Resp: 1497343

Ion Ratio Lower Upper

43 100

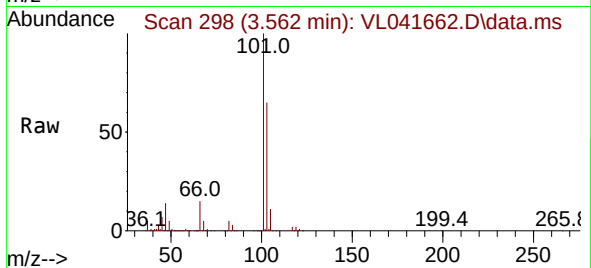
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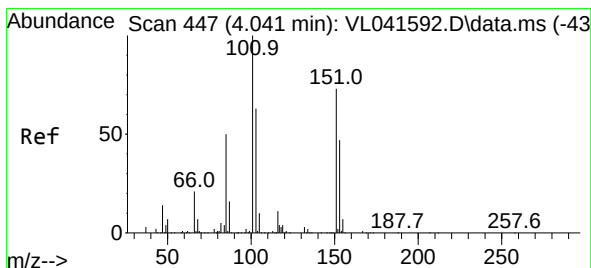
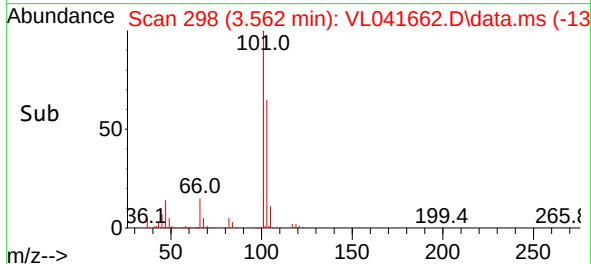
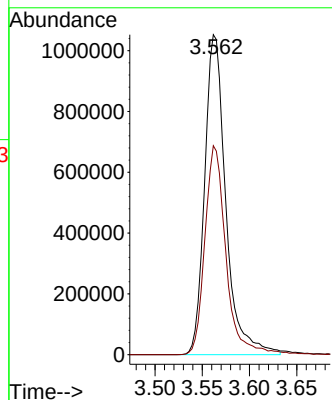


#11
 Trichlorofluoromethane
 Concen: 9.620 ppbv
 RT: 3.562 min Scan# 291
 Delta R.T. 0.023 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Instrument :
 MSVOA_L
 ClientSampleId :

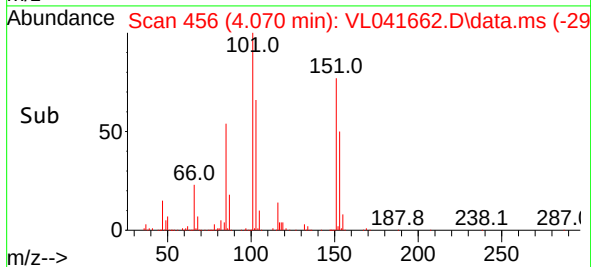
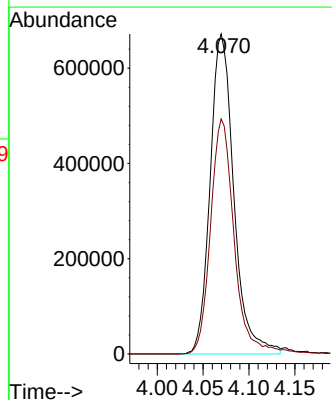
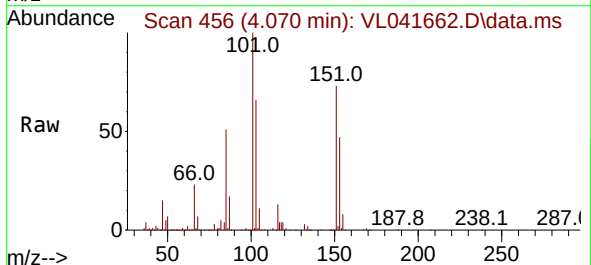


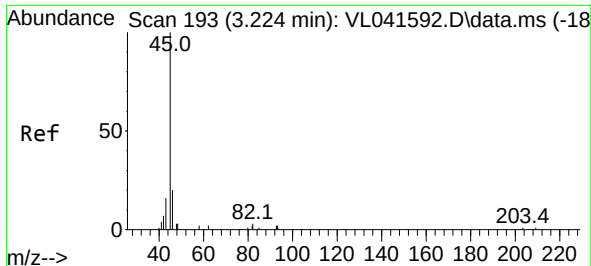
Tgt Ion:101 Resp: 1638422
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.804 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.029 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Tgt Ion:101 Resp: 1209387
 Ion Ratio Lower Upper
 101 100
 151 73.5 59.4 89.2

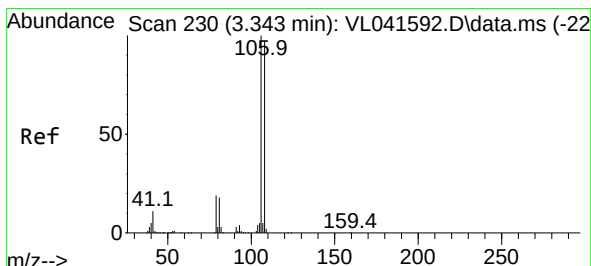
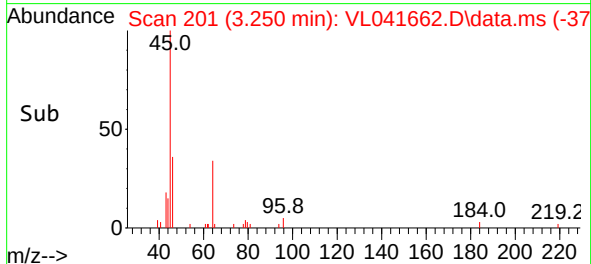
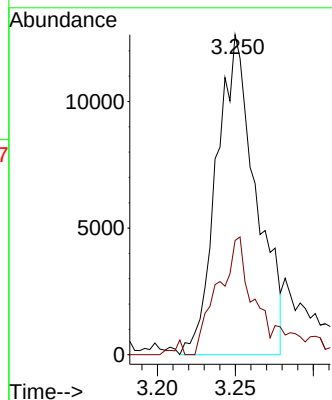
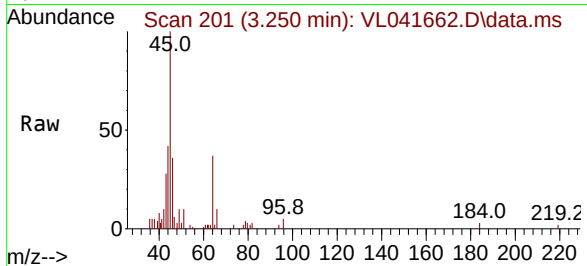




#13
Ethanol
Concen: 5.224 ppbv
RT: 3.250 min Scan# 201
Delta R.T. 0.026 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

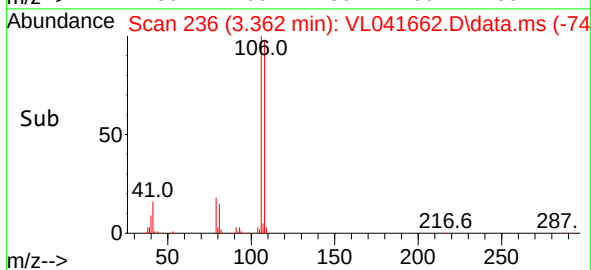
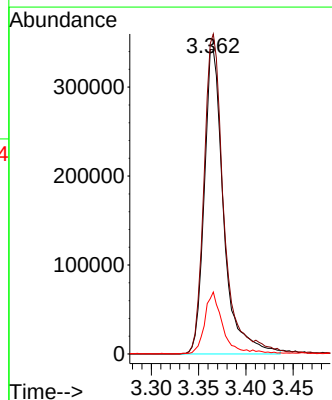
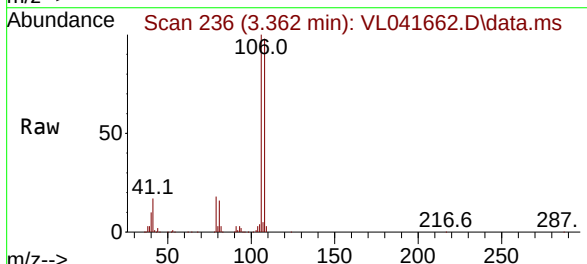
Instrument :
MSVOA_L
ClientSampleId :

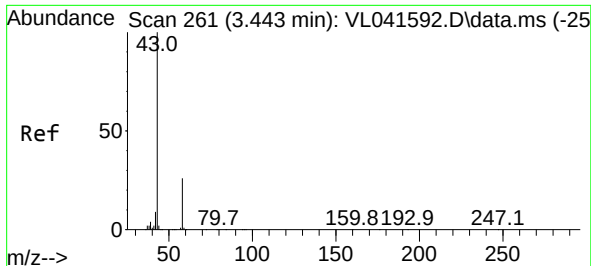
Tgt Ion: 45 Resp: 22271
Ion Ratio Lower Upper
45 100
46 42.9 15.2 60.8



#14
Bromoethene
Concen: 10.478 ppbv
RT: 3.362 min Scan# 236
Delta R.T. 0.019 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion:108 Resp: 490120
Ion Ratio Lower Upper
108 100
106 108.5 86.5 129.7
79 19.4 16.2 24.4

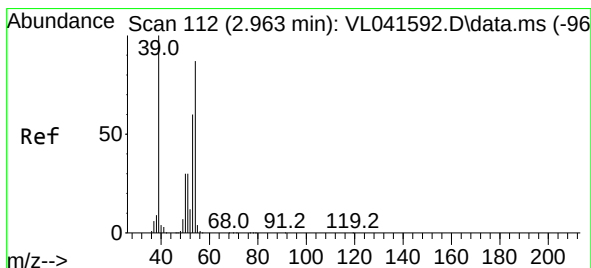
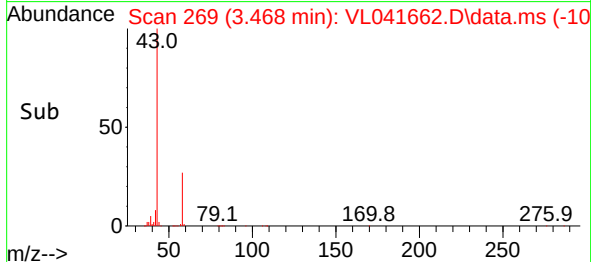
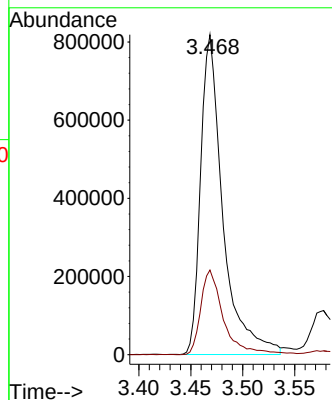
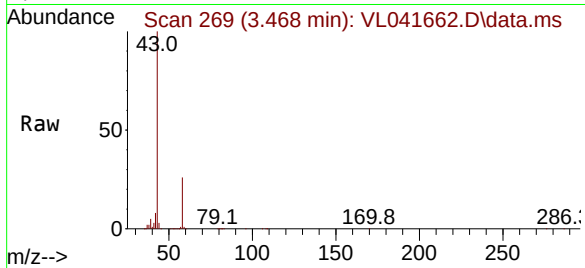




#15
Acetone
Concen: 8.745 ppbv
RT: 3.468 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

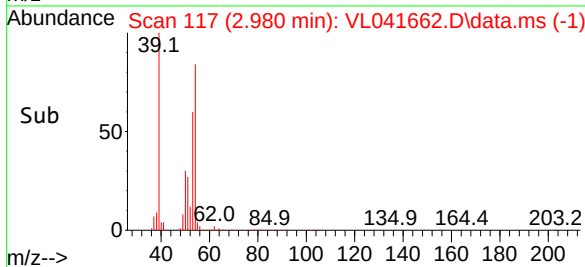
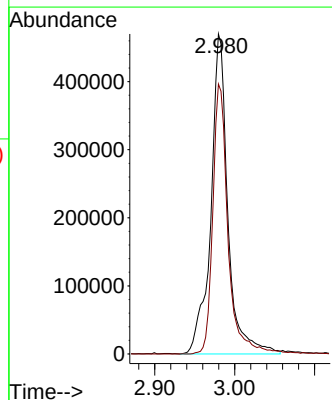
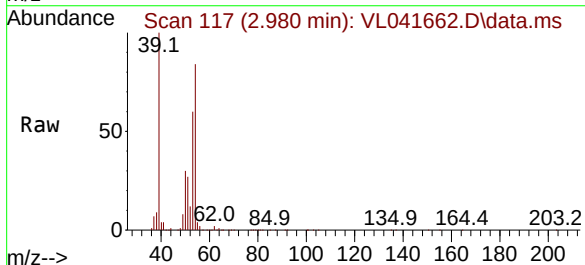
Instrument :
MSVOA_L
ClientSampleId :

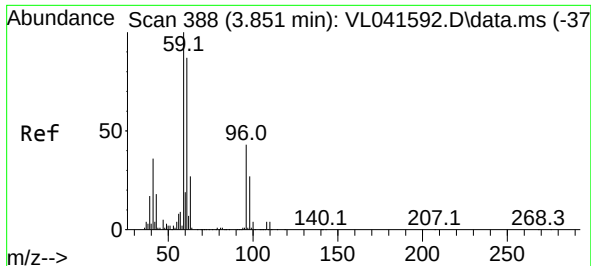
Tgt Ion: 43 Resp: 1216859
Ion Ratio Lower Upper
43 100
58 27.3 21.5 32.3



#16
1,3-Butadiene
Concen: 10.309 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 39 Resp: 697703
Ion Ratio Lower Upper
39 100
54 75.8 62.9 94.3





#17

tert-Butyl alcohol

Concen: 10.195 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.029 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

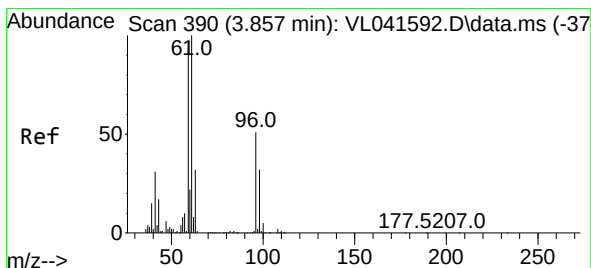
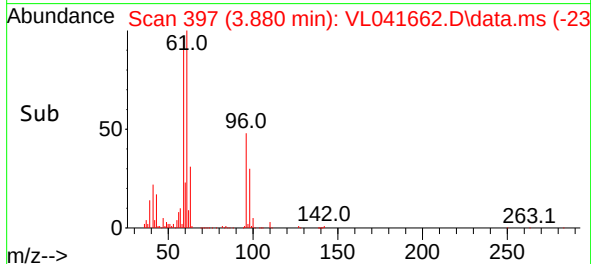
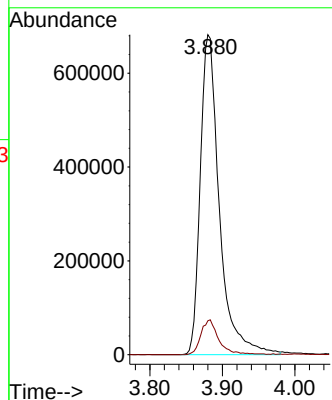
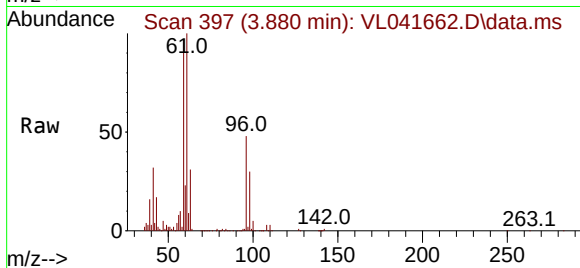
ClientSampleId :

Tgt Ion: 59 Resp: 1247539

Ion Ratio Lower Upper

59 100

57 10.3 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.267 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.026 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

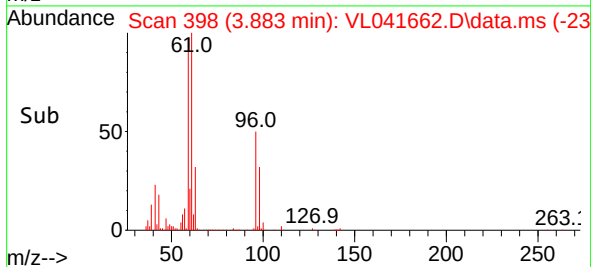
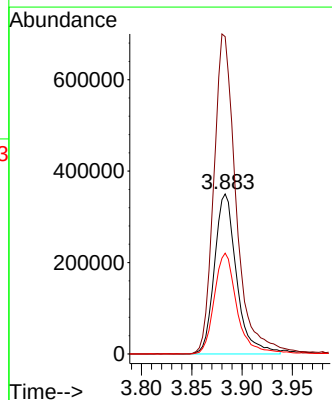
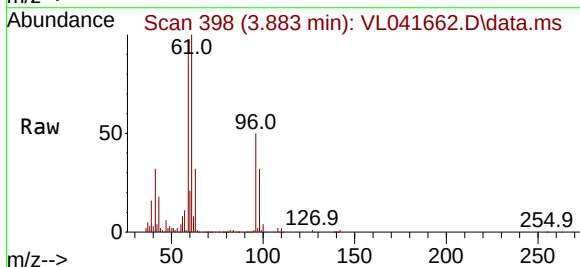
Tgt Ion: 96 Resp: 536176

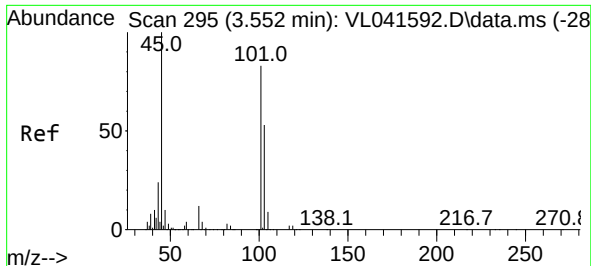
Ion Ratio Lower Upper

96 100

61 198.3 155.6 233.4

98 62.9 50.6 75.8

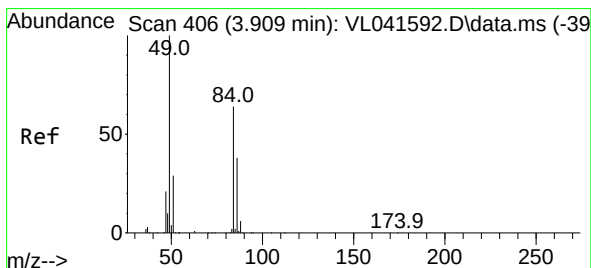
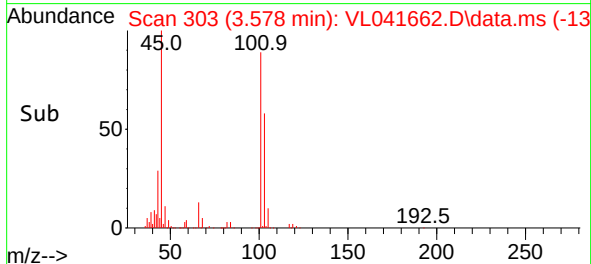
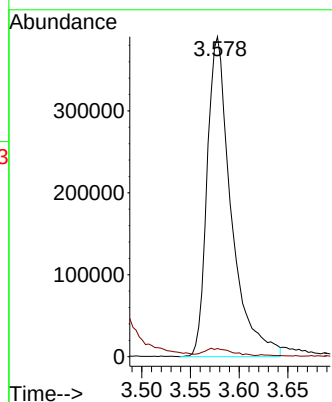
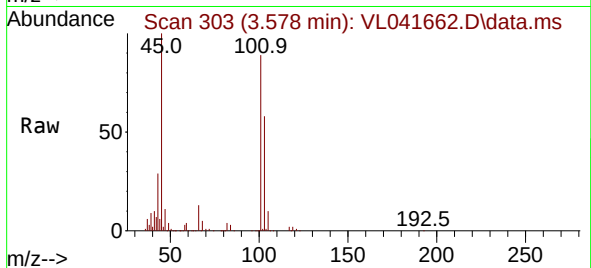




#19
Isopropyl Alcohol
Concen: 9.392 ppbv
RT: 3.578 min Scan# 301
Delta R.T. 0.026 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

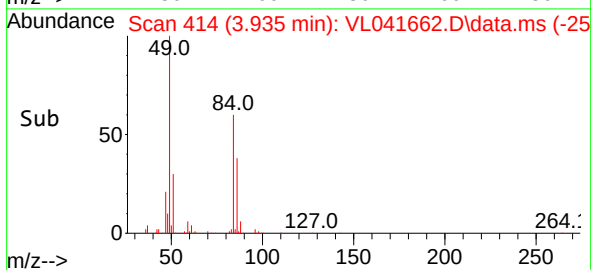
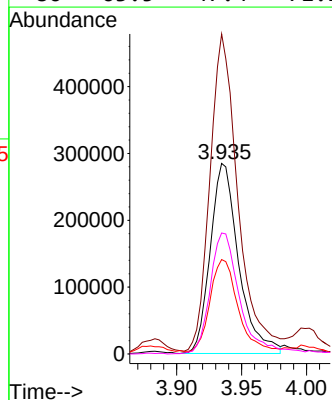
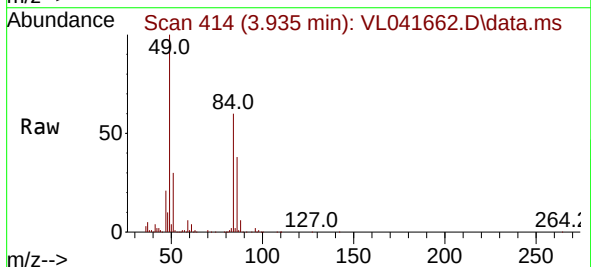
Instrument :
MSVOA_L
ClientSampleId :

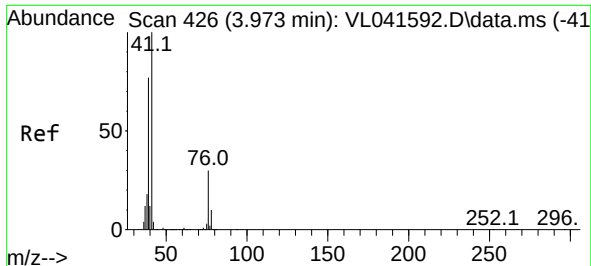
Tgt Ion: 45 Resp: 669012
Ion Ratio Lower Upper
45 100
58 3.2 2.1 3.1#



#20
Methylene Chloride
Concen: 8.278 ppbv
RT: 3.935 min Scan# 414
Delta R.T. 0.026 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 84 Resp: 432714
Ion Ratio Lower Upper
84 100
49 166.5 124.3 186.5
51 47.9 36.3 54.5
86 63.5 47.4 71.2





#21

Allyl Chloride

Concen: 10.361 ppbv

RT: 3.999 min Scan# 41

Delta R.T. 0.026 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

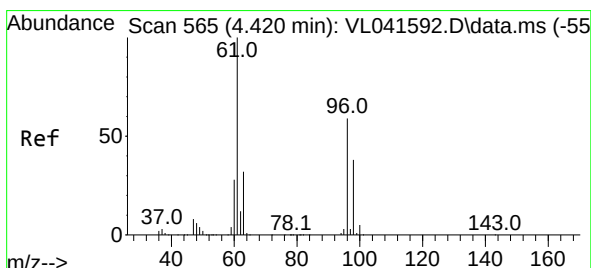
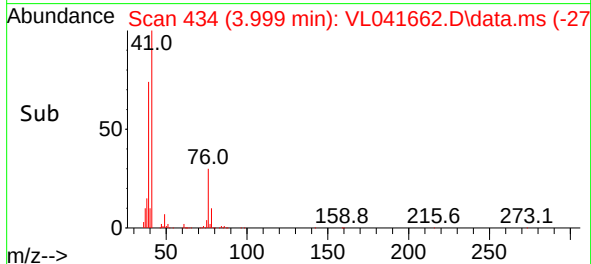
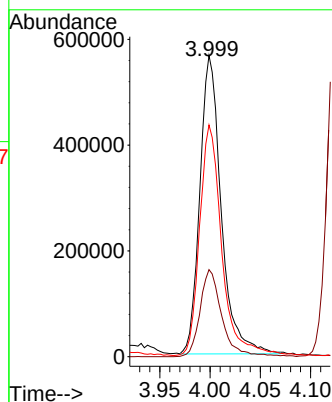
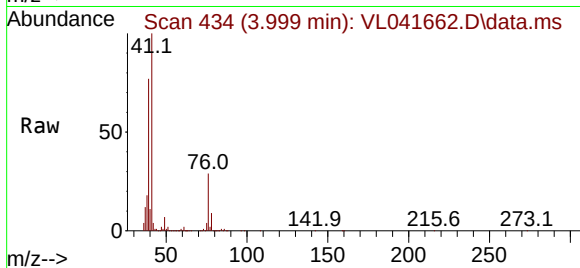
Tgt Ion: 41 Resp: 835610

Ion Ratio Lower Upper

41 100

76 29.7 23.8 35.6

39 80.6 63.9 95.9



#22

trans-1,2-Dichloroethene

Concen: 10.168 ppbv

RT: 4.449 min Scan# 574

Delta R.T. 0.029 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

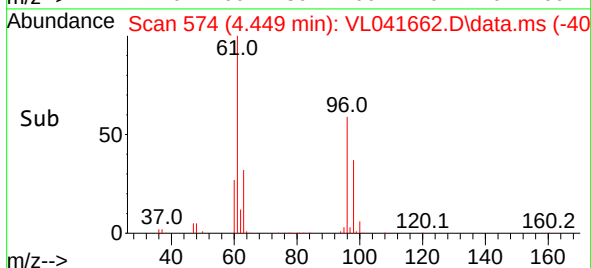
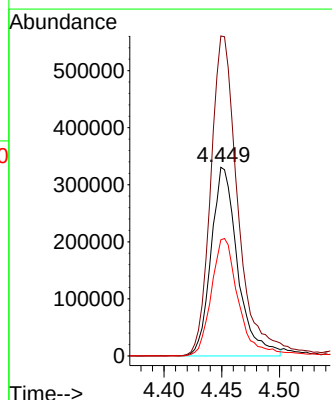
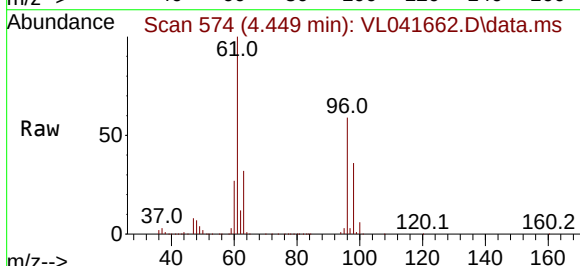
Tgt Ion: 96 Resp: 529705

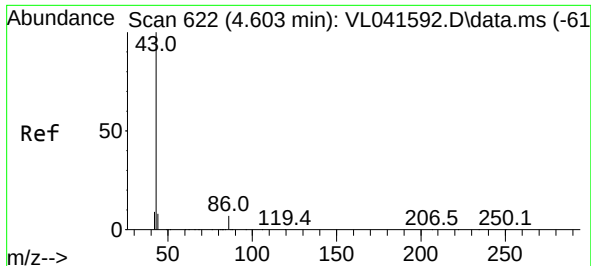
Ion Ratio Lower Upper

96 100

61 169.5 135.7 203.5

98 61.5 50.9 76.3



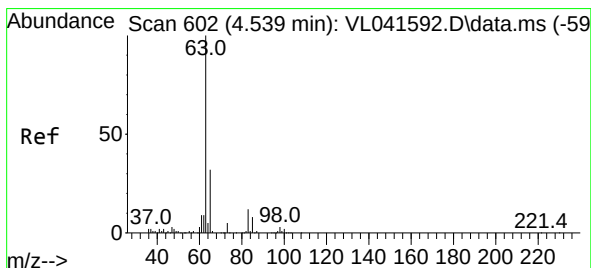
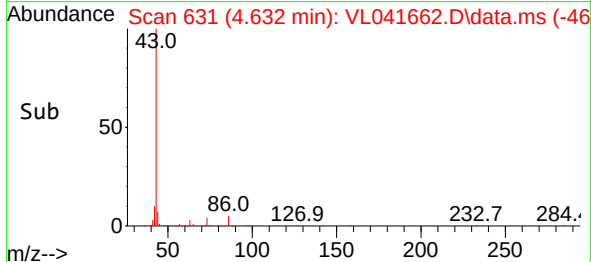
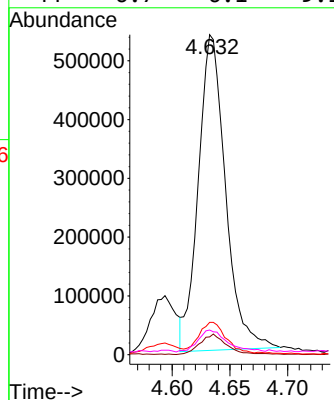
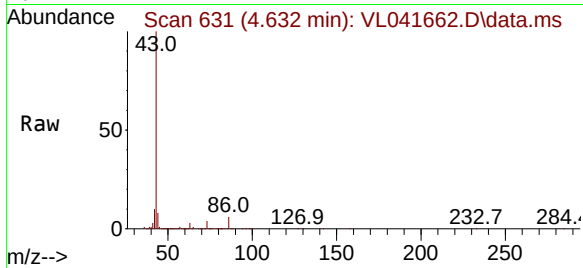


#23
 Vinyl Acetate
 Concen: 11.475 ppbv
 RT: 4.632 min Scan# 612
 Delta R.T. 0.029 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 43 Resp: 878250

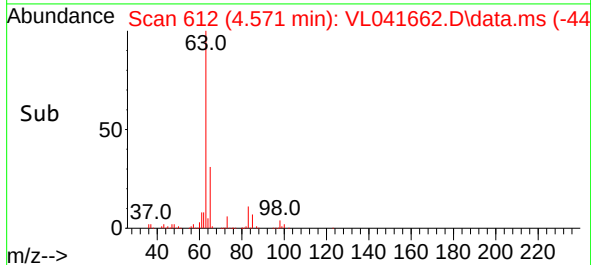
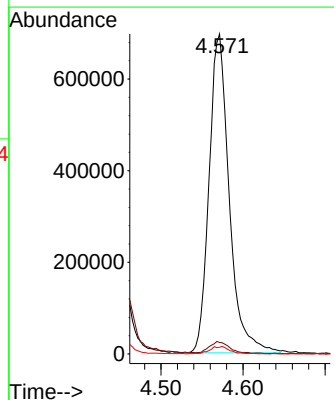
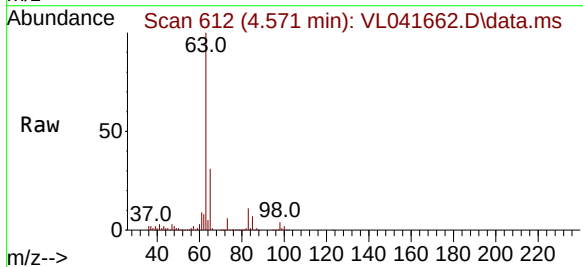
Ion	Ratio	Lower	Upper
43	100		
86	5.5	4.9	7.3
42	9.9	8.0	12.0
44	6.7	6.1	9.1

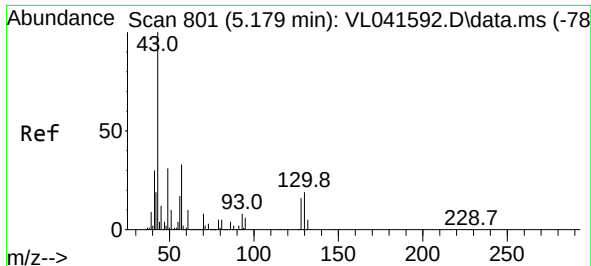


#24
 1,1-Dichloroethane
 Concen: 10.338 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.032 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Tgt Ion: 63 Resp: 1187574

Ion	Ratio	Lower	Upper
63	100		
98	3.4	1.7	5.1
100	2.1	1.1	3.3



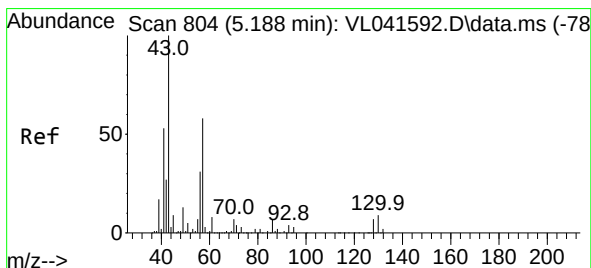
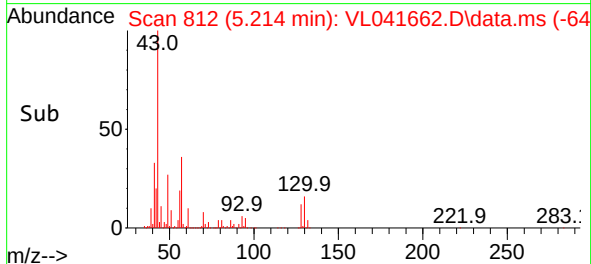
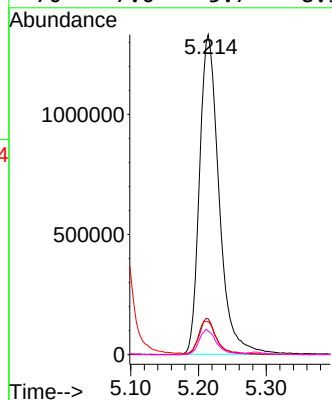
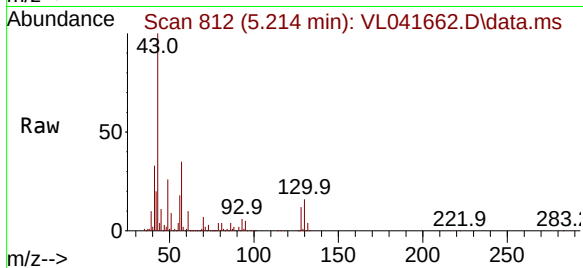


#25
Ethyl Acetate
Concen: 10.643 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.036 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 2658560

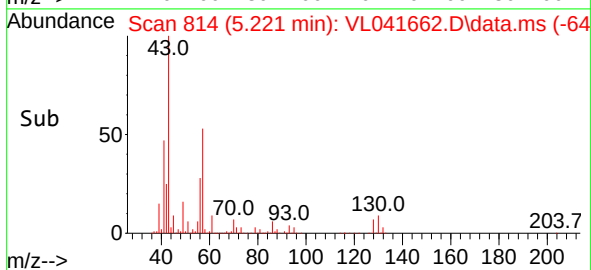
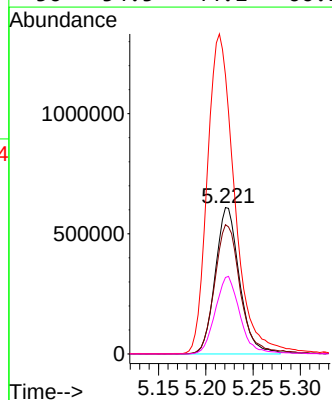
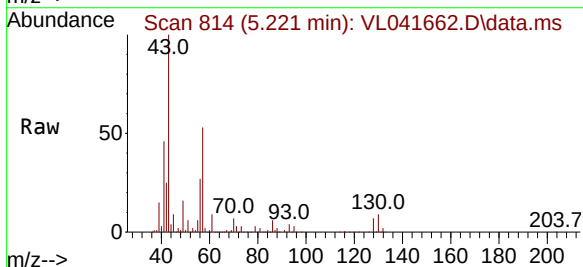
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.2
61	10.4	8.0	12.0
70	7.0	5.7	8.5

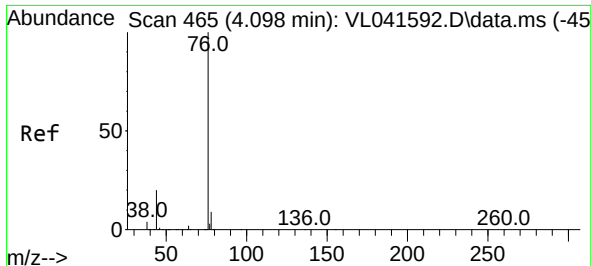


#26
Hexane
Concen: 10.400 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.032 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 57 Resp: 1083358

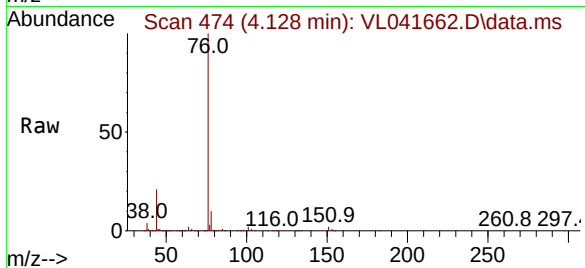
Ion	Ratio	Lower	Upper
57	100		
41	94.9	75.7	113.5
43	246.6	198.5	297.7
56	54.5	44.1	66.1





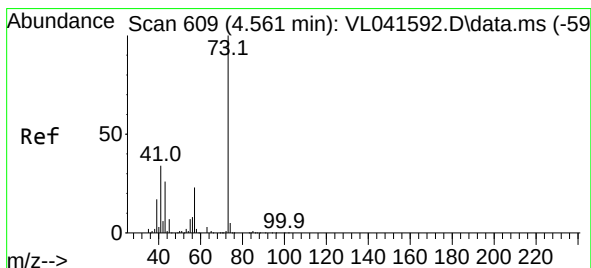
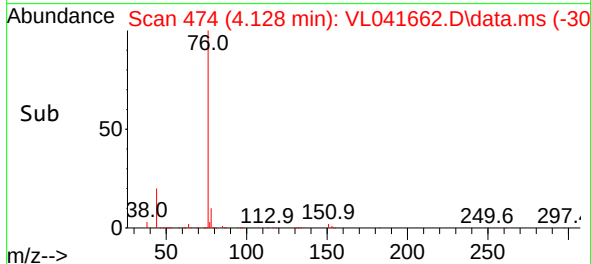
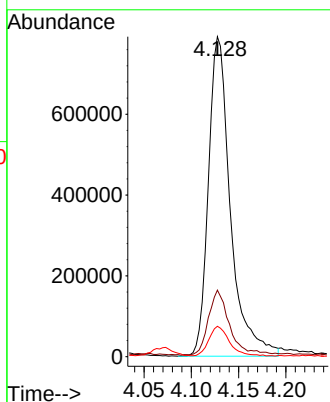
#27
Carbon Disulfide
Concen: 11.588 ppbv
RT: 4.128 min Scan# 41
Delta R.T. 0.029 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 76 Resp: 1283235

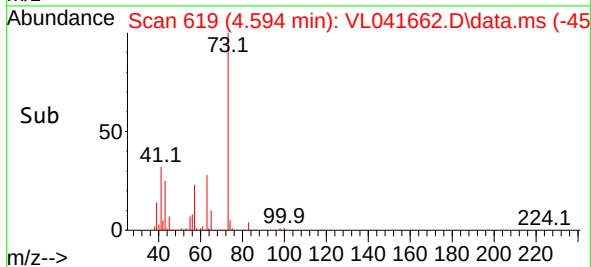
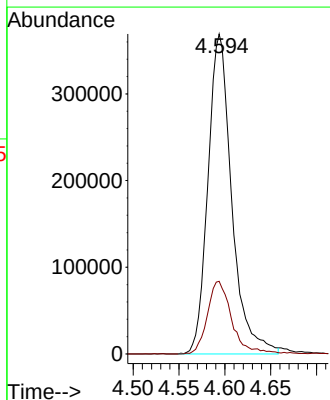
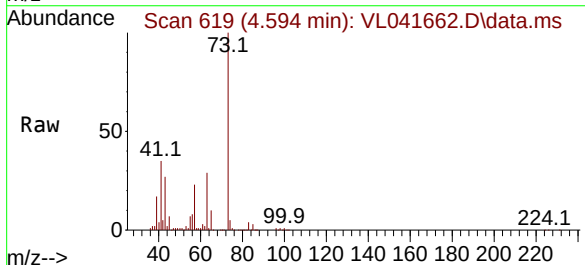
Ion	Ratio	Lower	Upper
76	100		
44	19.6	15.8	23.8
78	10.0	7.5	11.3

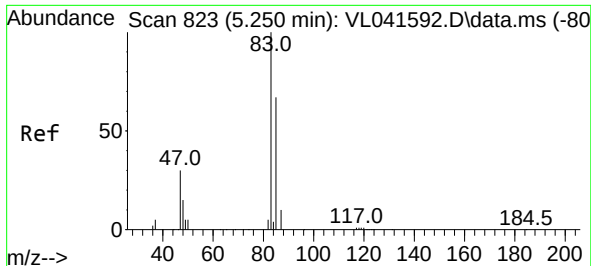


#28
Methyl tert-Butyl Ether
Concen: 10.366 ppbv
RT: 4.594 min Scan# 619
Delta R.T. 0.032 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 73 Resp: 665747

Ion	Ratio	Lower	Upper
73	100		
57	23.5	19.3	28.9





#29

Chloroform

Concen: 9.984 ppbv

RT: 5.285 min Scan# 81

Delta R.T. 0.036 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

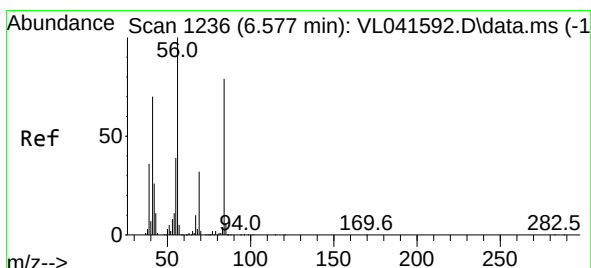
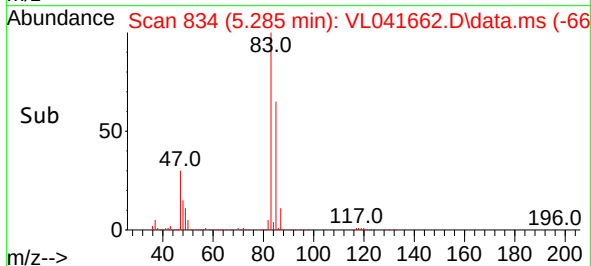
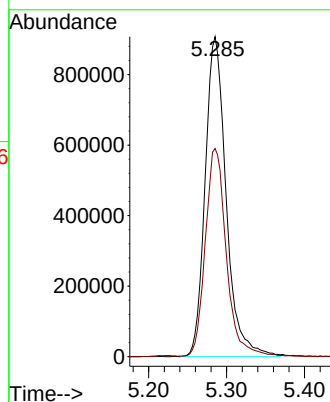
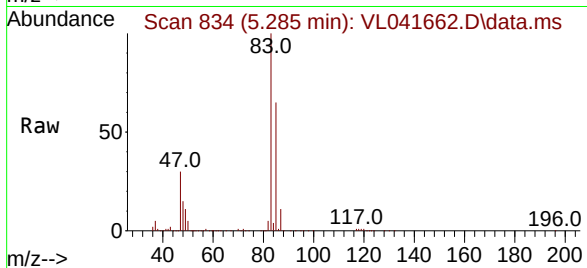
ClientSampleId :

Tgt Ion: 83 Resp: 1702002

Ion Ratio Lower Upper

83 100

85 64.9 53.8 80.6



#30

Cyclohexane

Concen: 11.404 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. 0.042 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

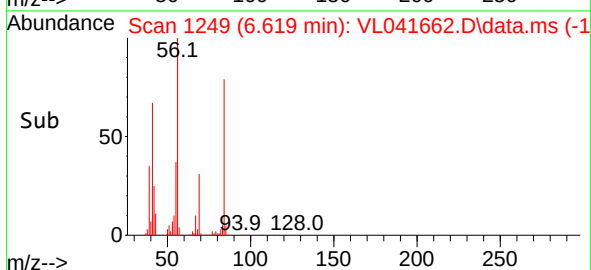
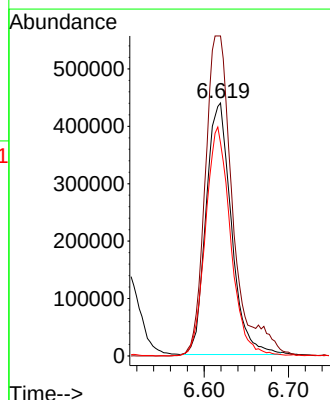
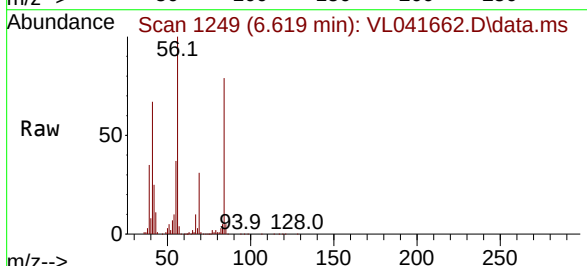
Tgt Ion: 84 Resp: 915770

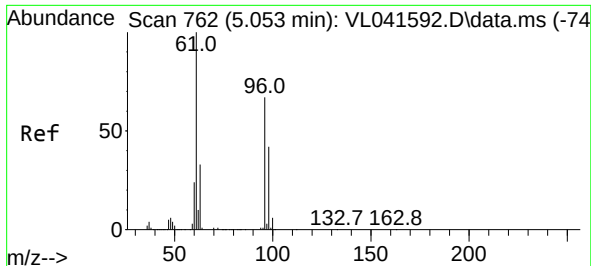
Ion Ratio Lower Upper

84 100

56 139.8 111.5 167.3

41 90.5 70.9 106.3

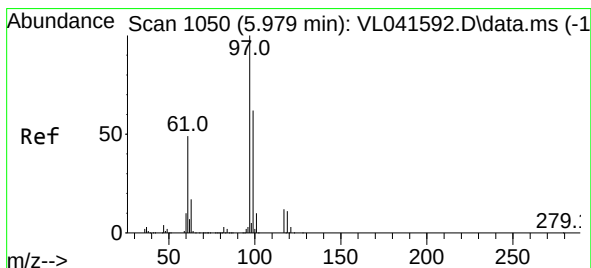
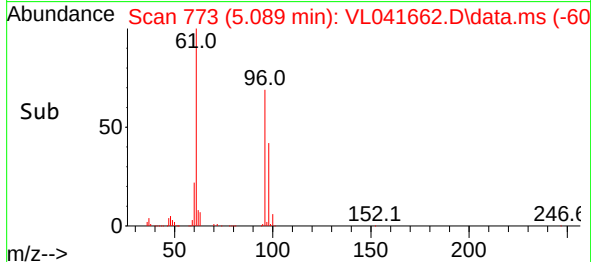
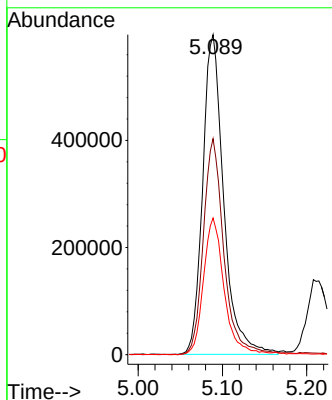
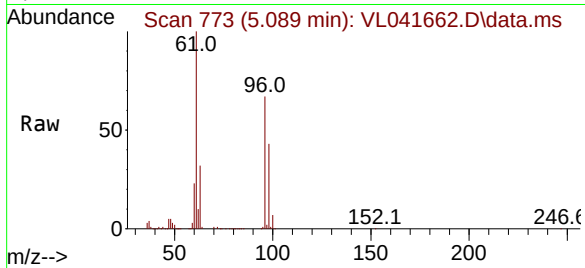




#31
 cis-1,2-Dichloroethene
 Concen: 10.474 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. 0.036 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

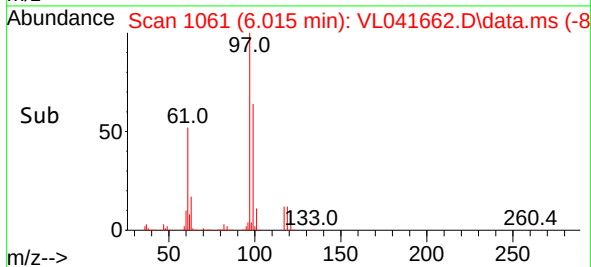
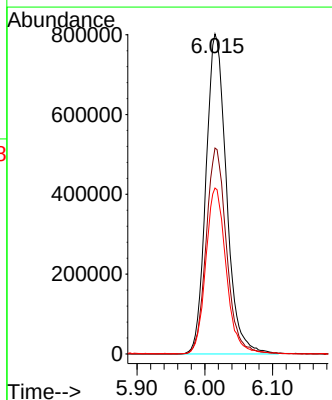
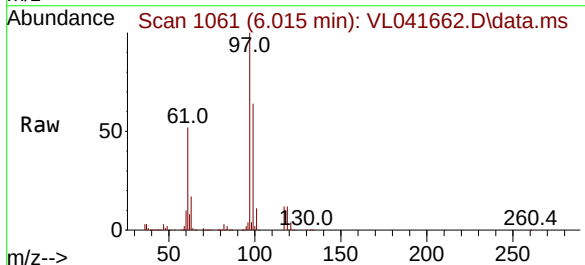
Instrument :
 MSVOA_L
 ClientSampleId :

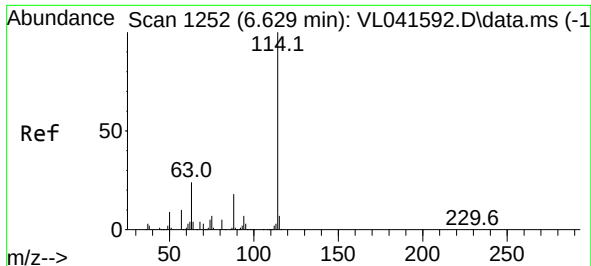
Tgt Ion: 61 Resp: 1035844
 Ion Ratio Lower Upper
 61 100
 96 67.6 53.5 80.3
 98 42.8 33.7 50.5



#32
 1,1,1-Trichloroethane
 Concen: 11.092 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.036 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Tgt Ion: 97 Resp: 1684176
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.0 76.4
 61 52.0 41.0 61.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 11

Delta R.T. 0.039 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

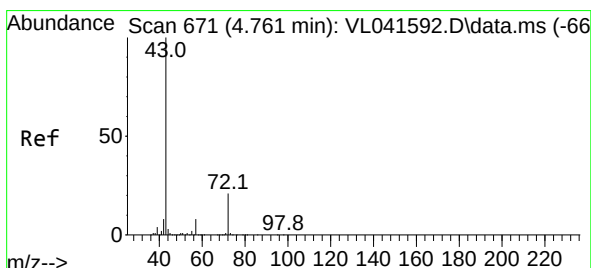
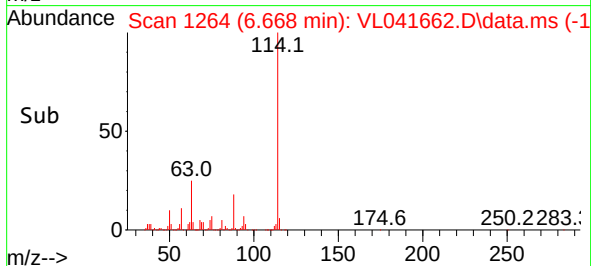
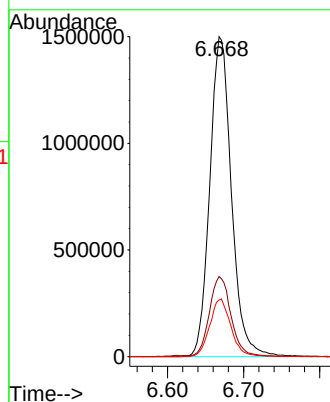
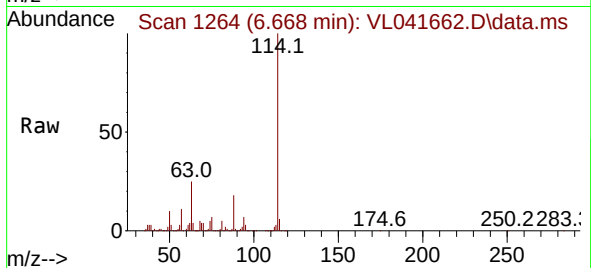
Tgt Ion:114 Resp: 2963163

Ion Ratio Lower Upper

114 100

63 25.6 20.2 30.2

88 17.7 14.2 21.4



#34

2-Butanone

Concen: 9.807 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.032 min

Lab File: VL041662.D

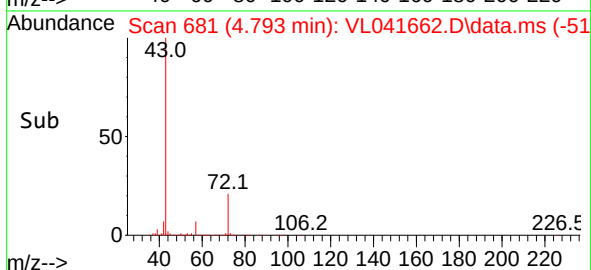
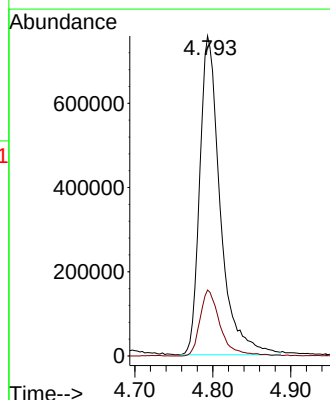
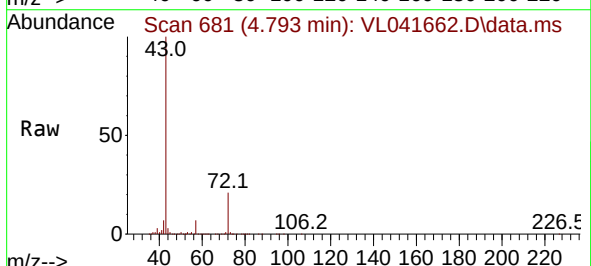
Acq: 14 Oct 2024 11:02

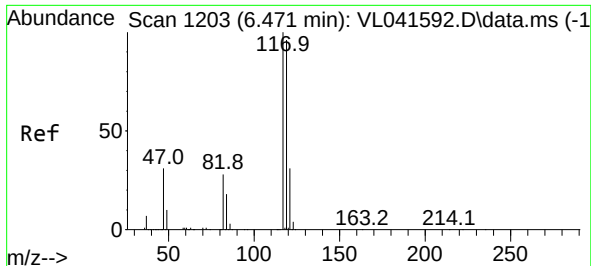
Tgt Ion: 43 Resp: 1385663

Ion Ratio Lower Upper

43 100

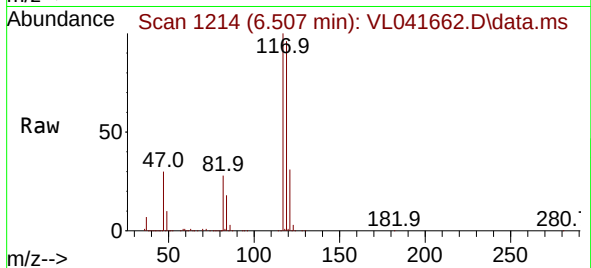
72 20.8 16.8 25.2



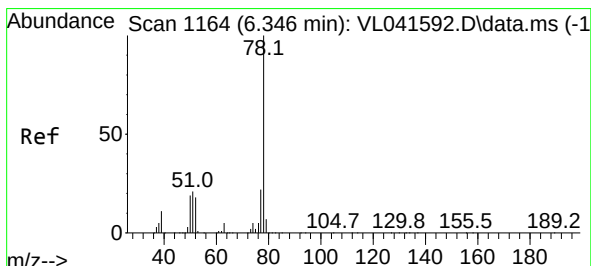
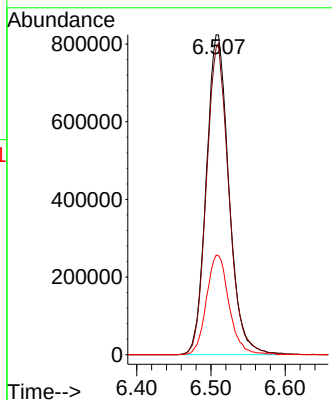
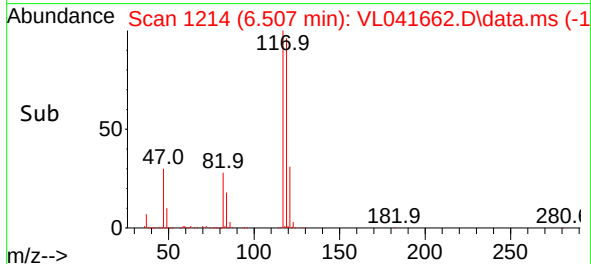


#35
Carbon Tetrachloride
Concen: 12.011 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. 0.036 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :

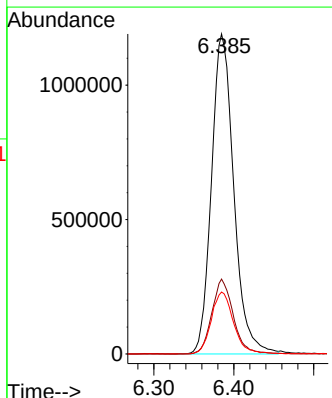
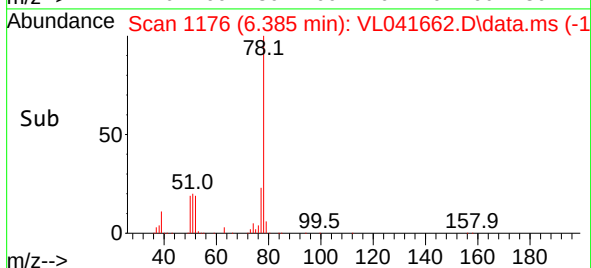
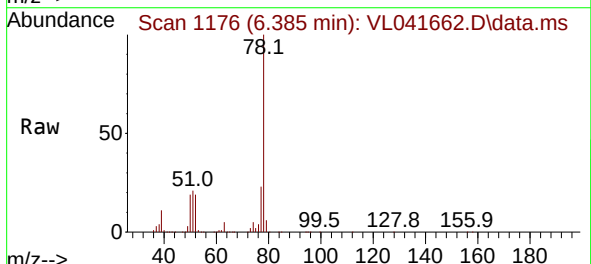


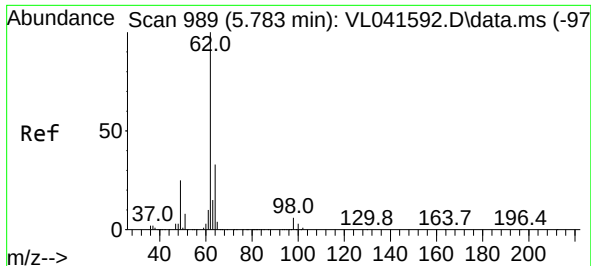
Tgt Ion:117 Resp: 1746265
Ion Ratio Lower Upper
117 100
119 95.8 76.8 115.2
121 31.1 25.0 37.6



#36
Benzene
Concen: 11.187 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.039 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 78 Resp: 2302124
Ion Ratio Lower Upper
78 100
77 23.3 17.8 26.6
50 19.3 15.4 23.0





#37

1,2-Dichloroethane

Concen: 10.685 ppbv

RT: 5.822 min Scan# 1

Delta R.T. 0.039 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

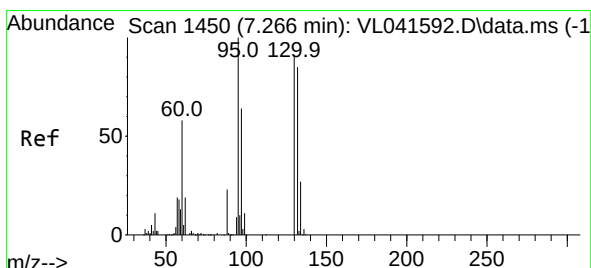
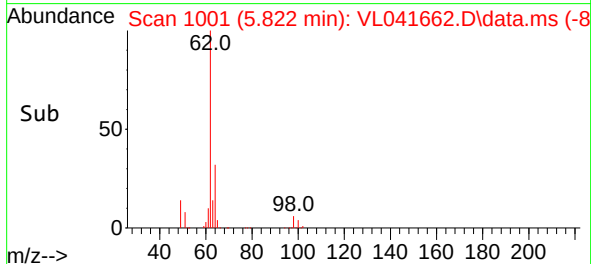
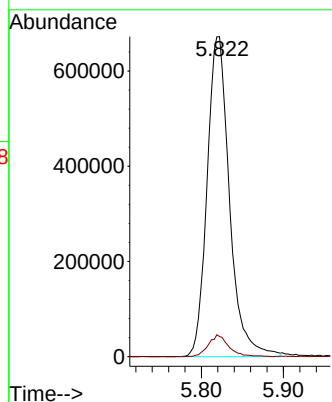
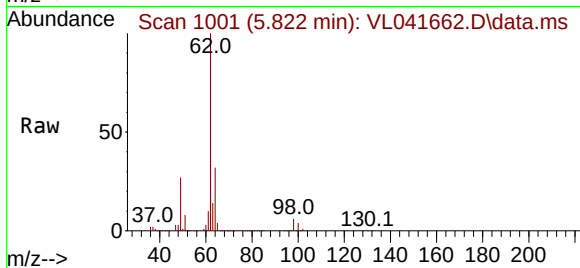
ClientSampleId :

Tgt Ion: 62 Resp: 1275743

Ion Ratio Lower Upper

62 100

98 6.3 4.8 7.2



#38

Trichloroethene

Concen: 10.958 ppbv

RT: 7.307 min Scan# 1463

Delta R.T. 0.042 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Tgt Ion:130 Resp: 1161316

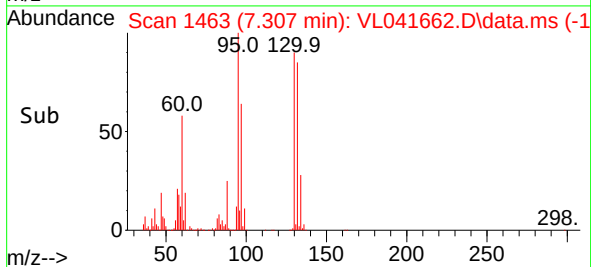
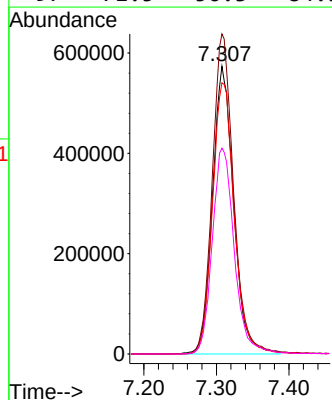
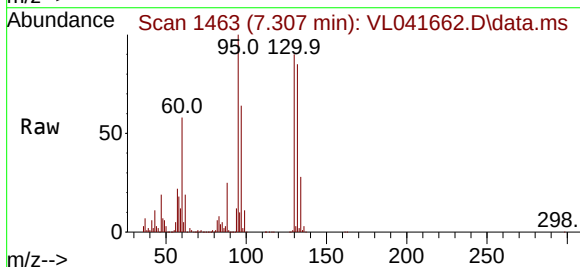
Ion Ratio Lower Upper

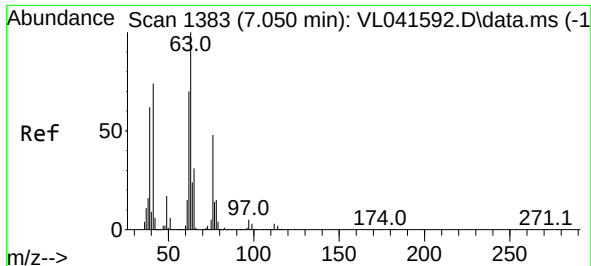
130 100

95 111.2 87.7 131.5

132 94.2 74.5 111.7

97 71.5 56.3 84.5





#39

1,2-Dichloropropane

Concen: 10.709 ppbv

RT: 7.089 min Scan# 11

Delta R.T. 0.039 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

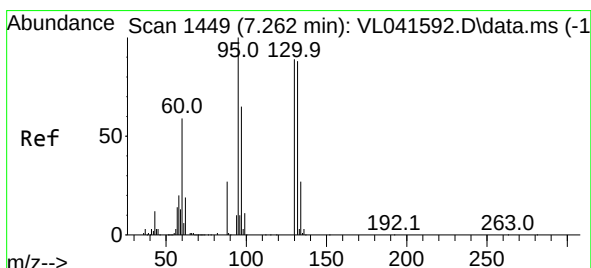
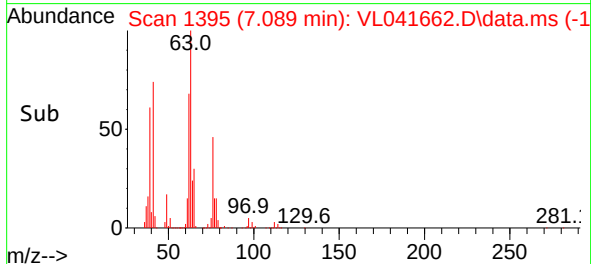
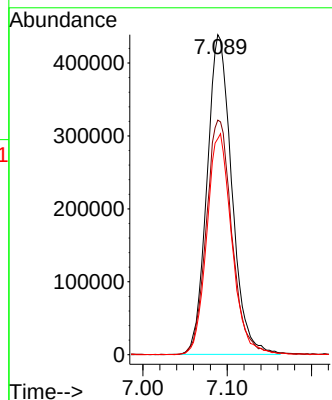
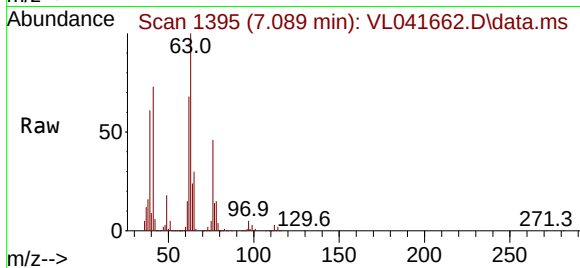
Tgt Ion: 63 Resp: 896567

Ion Ratio Lower Upper

63 100

41 73.2 59.5 89.3

62 67.3 56.2 84.2



#40

1,4-Dioxane

Concen: 11.151 ppbv

RT: 7.307 min Scan# 1463

Delta R.T. 0.045 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Tgt Ion: 88 Resp: 351904

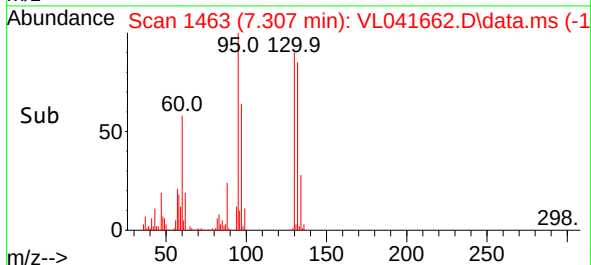
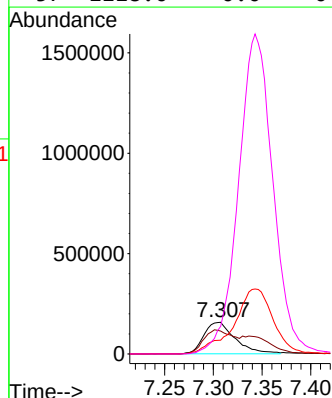
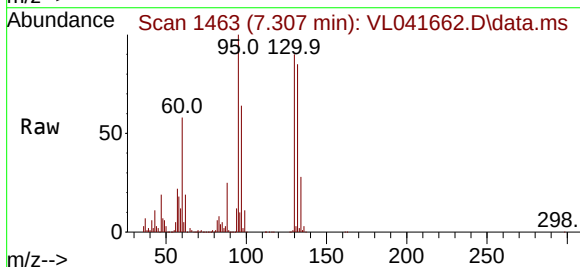
Ion Ratio Lower Upper

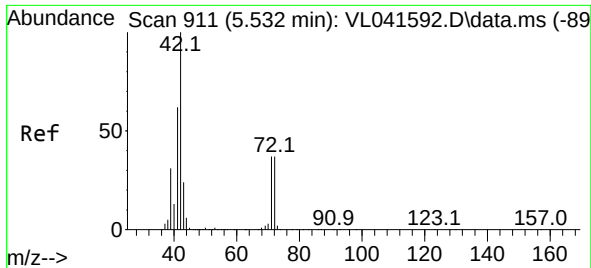
88 100

58 126.5 100.2 150.4

43 258.7 0.0 0.0#

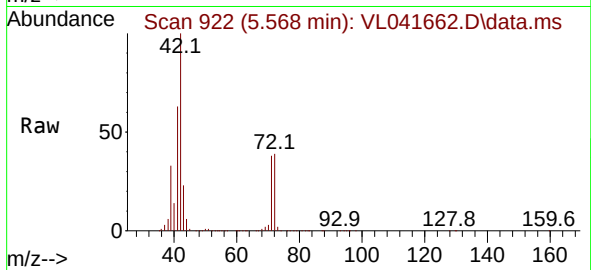
57 1118.0 0.0 0.0#



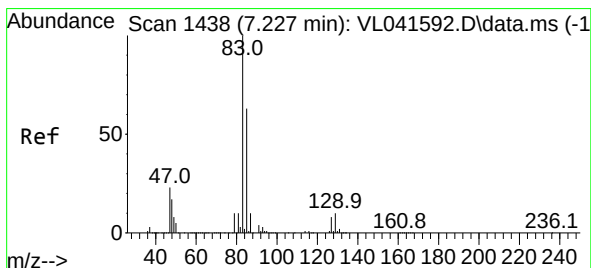
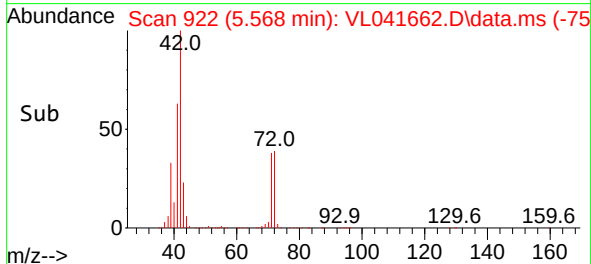
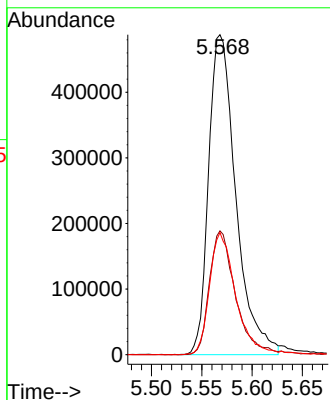


#41
Tetrahydrofuran
Concen: 11.825 ppbv
RT: 5.568 min Scan# 911
Delta R.T. 0.036 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Instrument :
MSVOA_L
ClientSampleId :

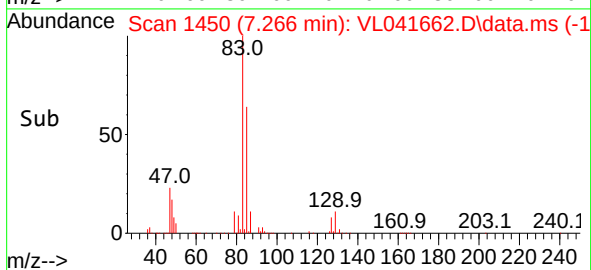
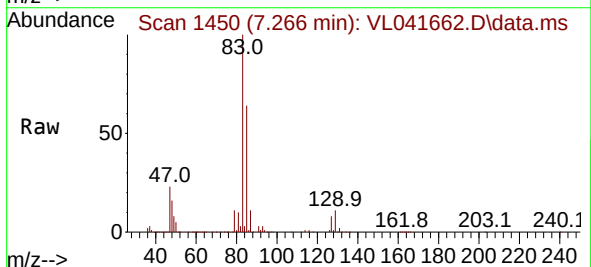
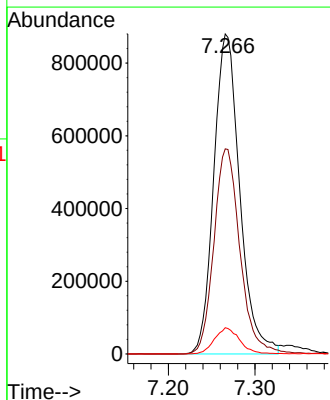


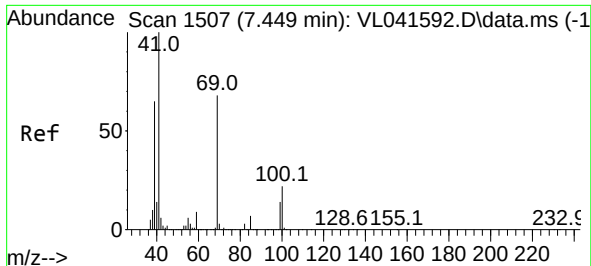
Tgt Ion: 42 Resp: 919479
Ion Ratio Lower Upper
42 100
72 37.7 30.2 45.2
71 37.4 29.6 44.4



#42
Bromodichloromethane
Concen: 11.043 ppbv
RT: 7.266 min Scan# 1450
Delta R.T. 0.039 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 83 Resp: 1834480
Ion Ratio Lower Upper
83 100
85 64.1 50.5 75.7
127 8.2 6.5 9.7

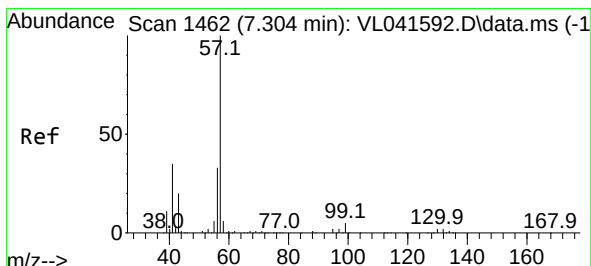
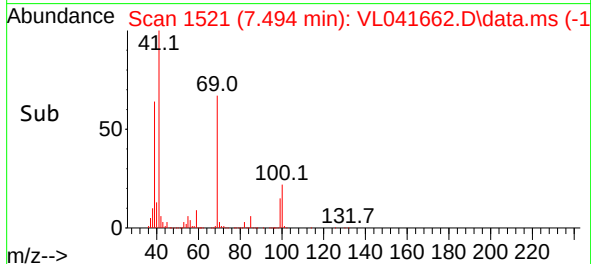
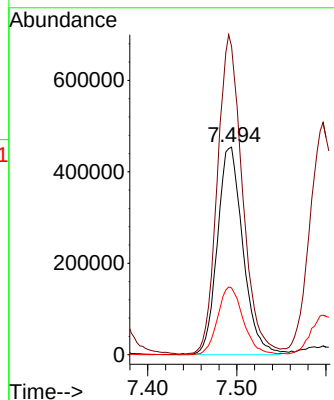
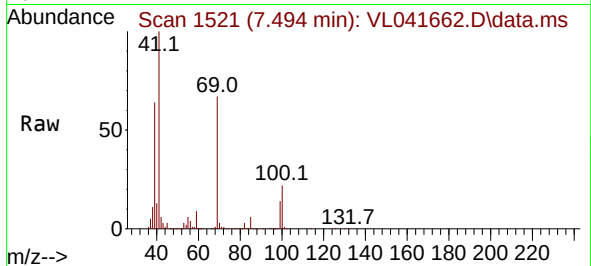




#43
Methyl Methacrylate
Concen: 12.260 ppbv
RT: 7.494 min Scan# 11
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

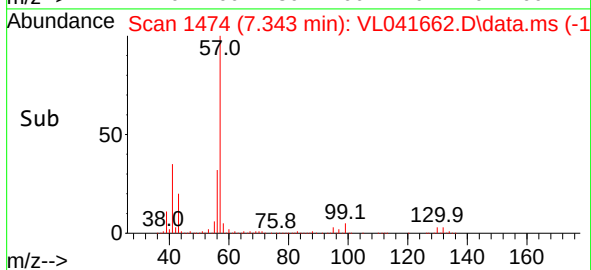
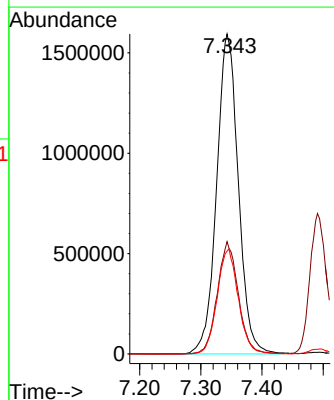
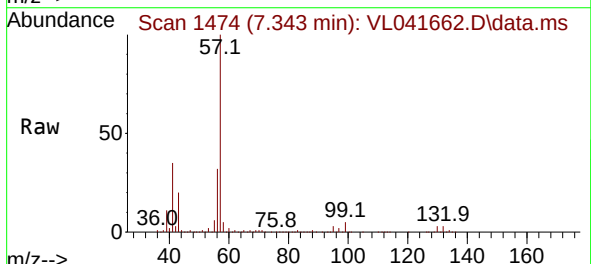
Instrument :
MSVOA_L
ClientSampleId :

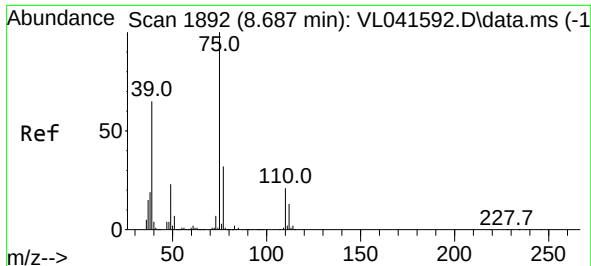
Tgt Ion: 69 Resp: 902852
Ion Ratio Lower Upper
69 100
41 151.0 121.8 182.6
100 32.8 26.5 39.7



#44
2,2,4-Trimethylpentane
Concen: 11.033 ppbv
RT: 7.343 min Scan# 1474
Delta R.T. 0.039 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 57 Resp: 3928081
Ion Ratio Lower Upper
57 100
41 34.1 27.0 40.6
56 32.0 25.5 38.3





#45

t-1,3-Dichloropropene

Concen: 11.561 ppbv

RT: 8.729 min Scan# 1905

Delta R.T. 0.042 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

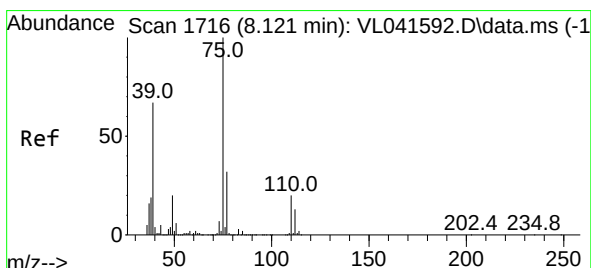
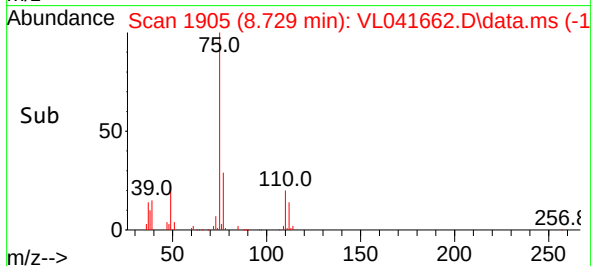
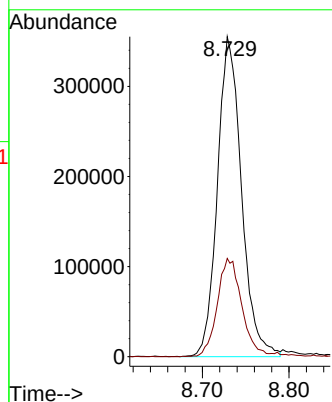
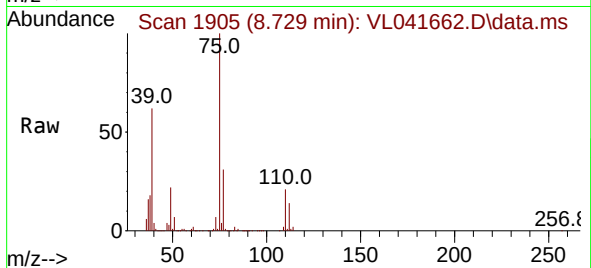
ClientSampleId :

Tgt Ion: 75 Resp: 686411

Ion Ratio Lower Upper

75 100

77 30.7 25.4 38.0



#46

cis-1,3-Dichloropropene

Concen: 11.341 ppbv

RT: 8.163 min Scan# 1729

Delta R.T. 0.042 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

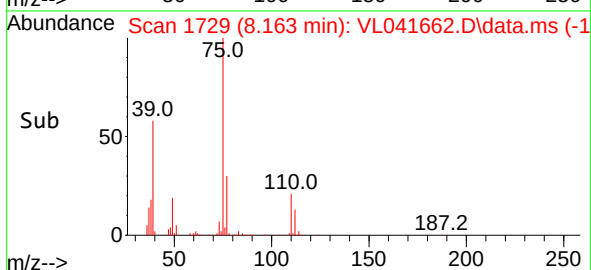
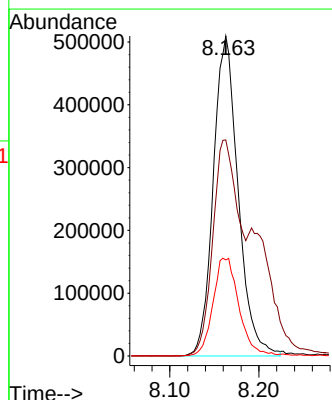
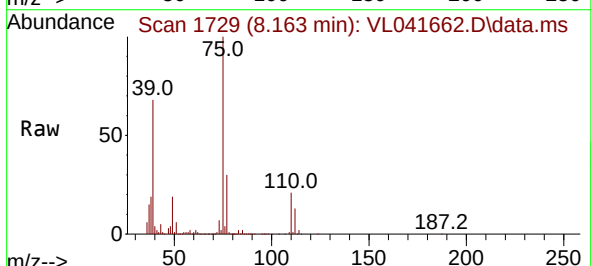
Tgt Ion: 75 Resp: 986486

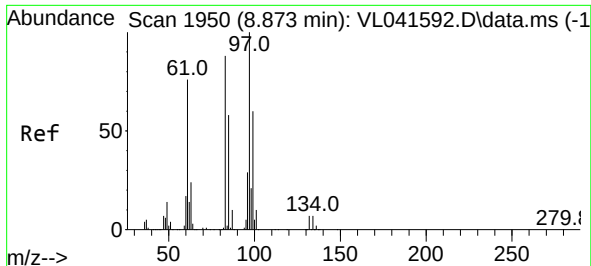
Ion Ratio Lower Upper

75 100

39 67.5 54.0 81.0

77 30.0 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 10.730 ppbv

RT: 8.918 min Scan# 1950

Delta R.T. 0.045 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 953812

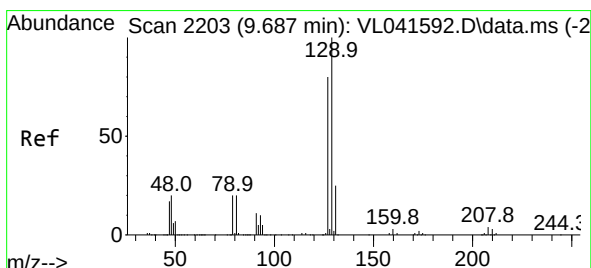
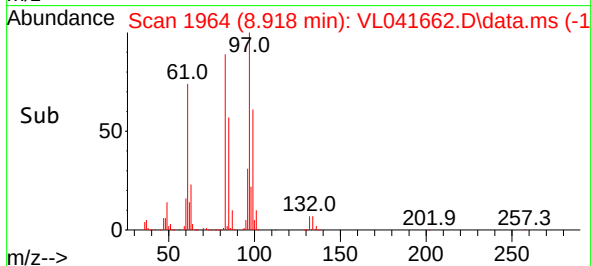
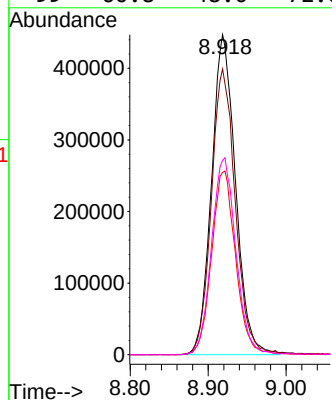
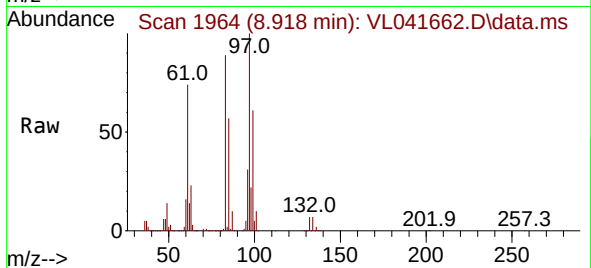
Ion Ratio Lower Upper

97 100

83 89.2 70.2 105.4

85 57.0 46.3 69.5

99 60.8 48.0 72.0



#48

Dibromochloromethane

Concen: 11.554 ppbv

RT: 9.732 min Scan# 2217

Delta R.T. 0.045 min

Lab File: VL041662.D

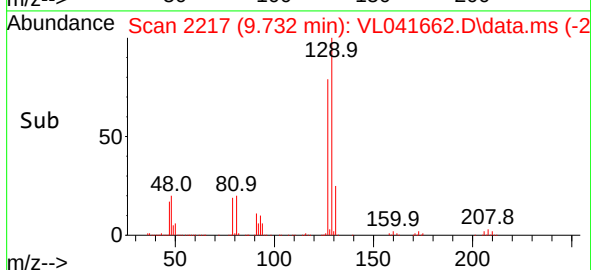
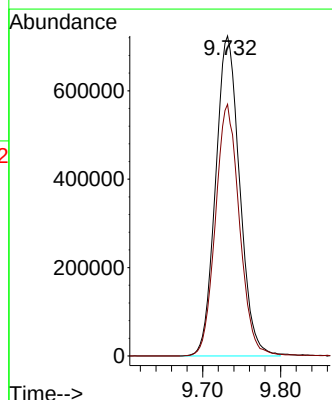
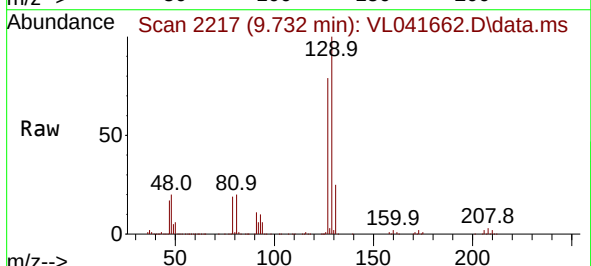
Acq: 14 Oct 2024 11:02

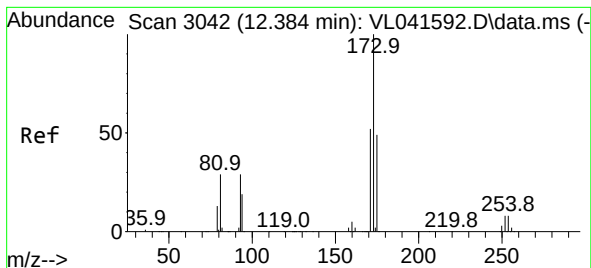
Tgt Ion: 129 Resp: 1556080

Ion Ratio Lower Upper

129 100

127 78.7 39.3 117.9





#49

Bromoform

Concen: 11.570 ppbv

RT: 12.433 min Scan# 3042

Delta R.T. 0.048 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

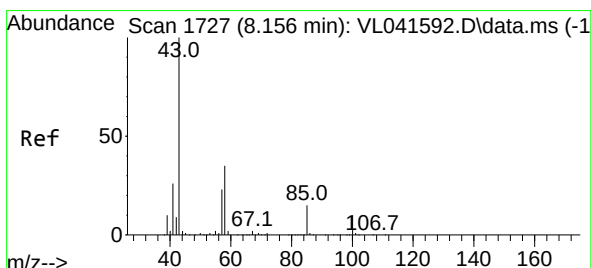
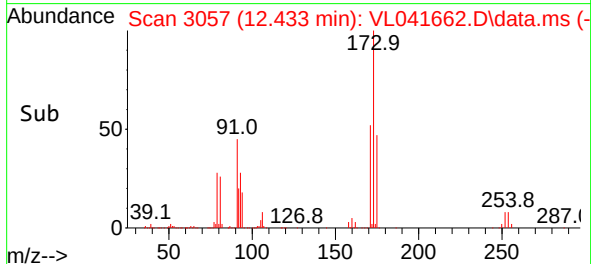
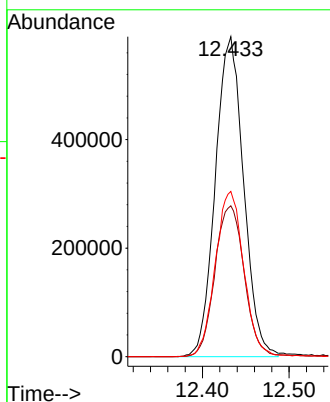
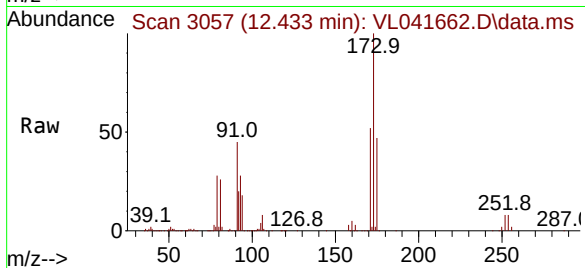
Tgt Ion:173 Resp: 1337606

Ion Ratio Lower Upper

173 100

175 49.2 40.1 60.1

171 52.2 42.2 63.4



#50

4-Methyl-2-Pentanone

Concen: 11.914 ppbv

RT: 8.198 min Scan# 1740

Delta R.T. 0.042 min

Lab File: VL041662.D

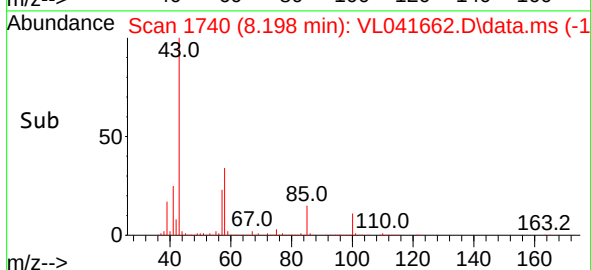
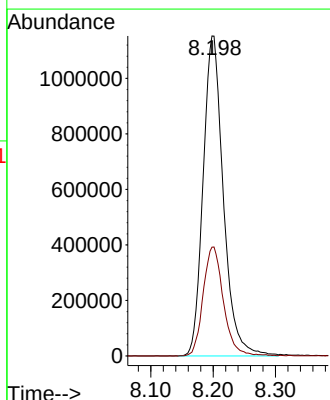
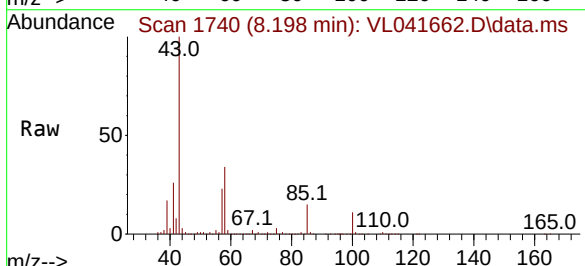
Acq: 14 Oct 2024 11:02

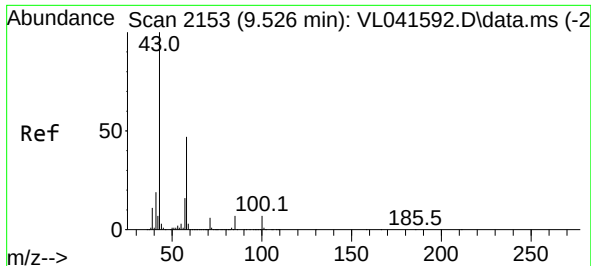
Tgt Ion: 43 Resp: 2599545

Ion Ratio Lower Upper

43 100

58 34.3 27.8 41.8

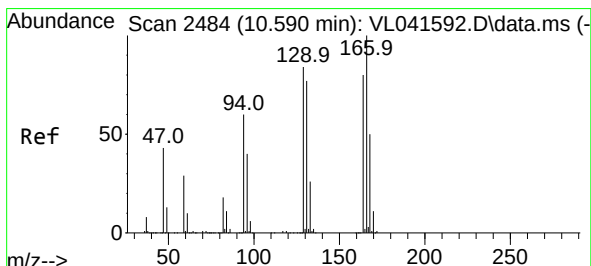
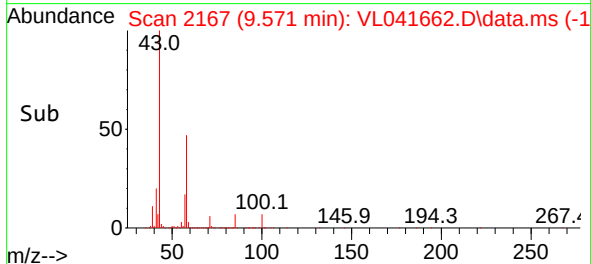
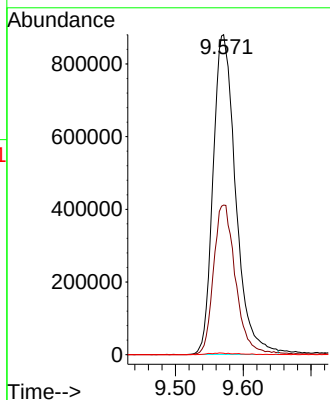
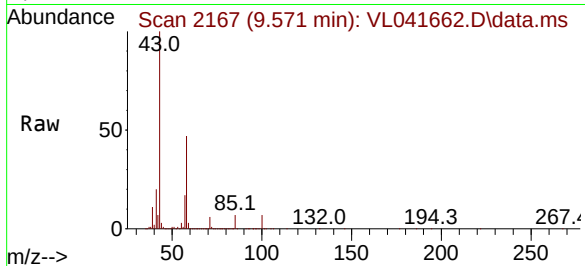




#51
2-Hexanone
Concen: 12.354 ppbv
RT: 9.571 min Scan# 2153
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

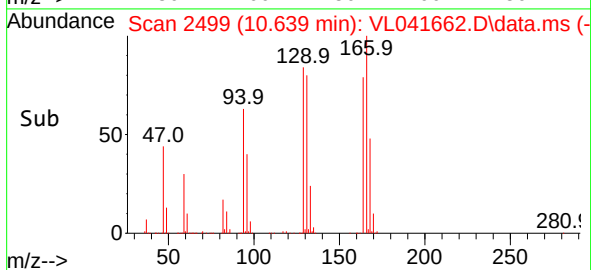
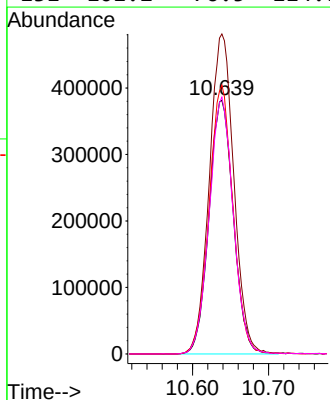
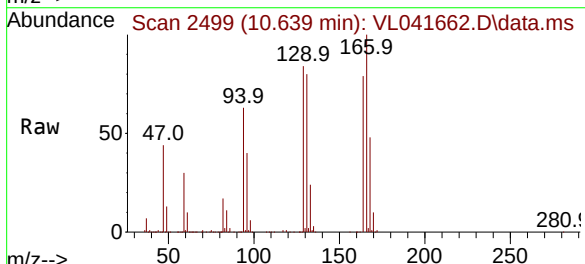
Instrument :
MSVOA_L
ClientSampleId :

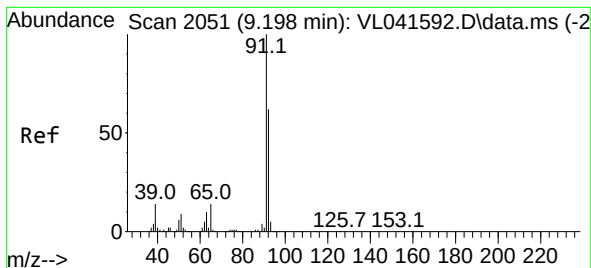
Tgt Ion: 43 Resp: 2038924
Ion Ratio Lower Upper
43 100
58 46.2 37.2 55.8
98 0.7 0.5 0.7



#52
Tetrachloroethene
Concen: 11.351 ppbv
RT: 10.639 min Scan# 2499
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion:164 Resp: 845842
Ion Ratio Lower Upper
164 100
166 126.1 99.4 149.2
129 105.9 83.5 125.3
131 101.2 76.5 114.7





#53

Toluene

Concen: 12.166 ppbv

RT: 9.240 min Scan# 2051

Delta R.T. 0.042 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

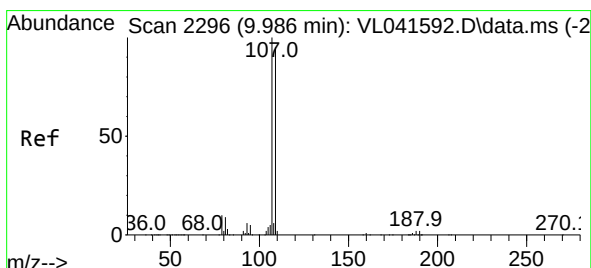
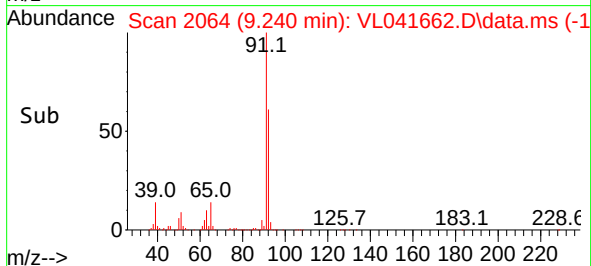
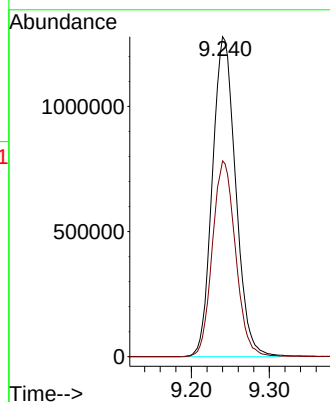
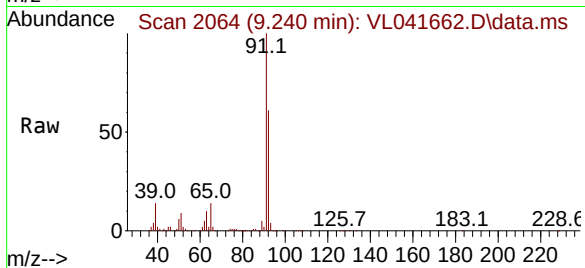
ClientSampleId :

Tgt Ion: 91 Resp: 2657525

Ion Ratio Lower Upper

91 100

92 61.0 48.9 73.3



#54

1,2-Dibromoethane

Concen: 11.437 ppbv

RT: 10.031 min Scan# 2310

Delta R.T. 0.045 min

Lab File: VL041662.D

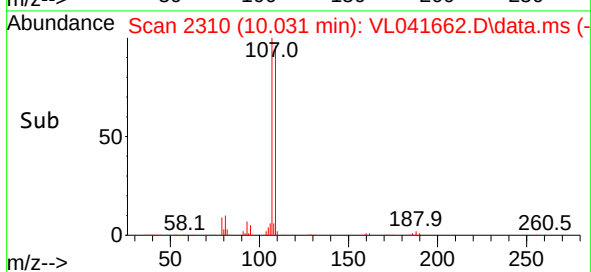
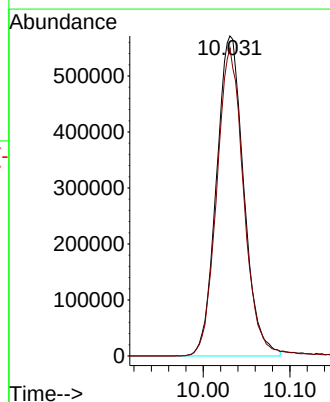
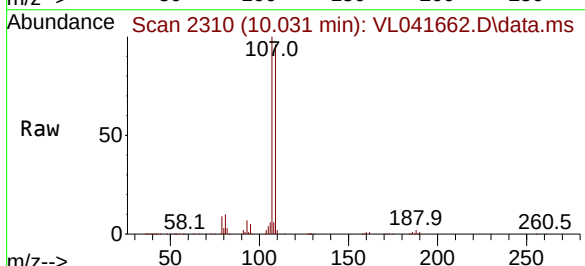
Acq: 14 Oct 2024 11:02

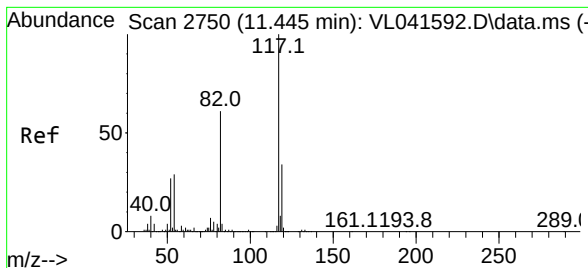
Tgt Ion: 107 Resp: 1251918

Ion Ratio Lower Upper

107 100

109 96.3 75.7 113.5

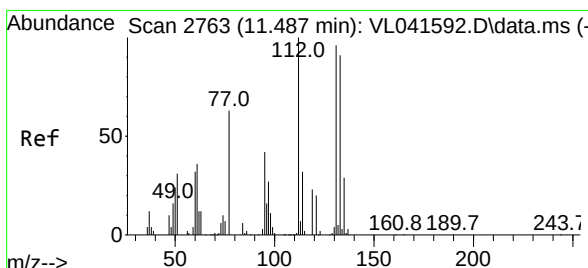
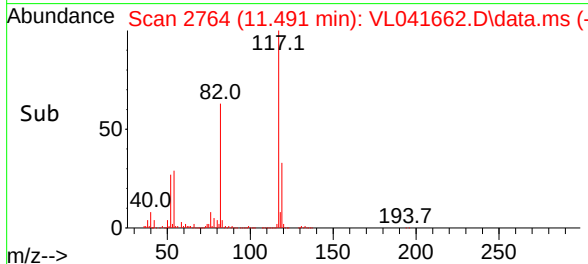
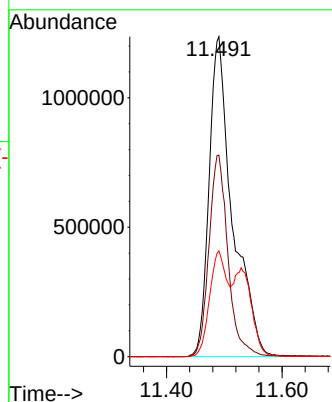
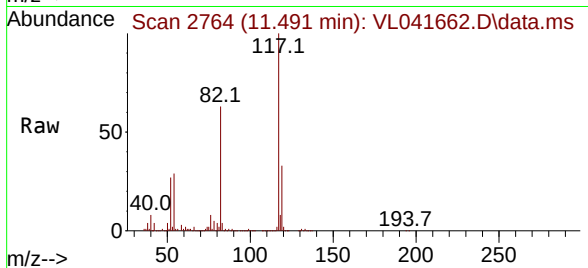




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.491 min Scan# 2750
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

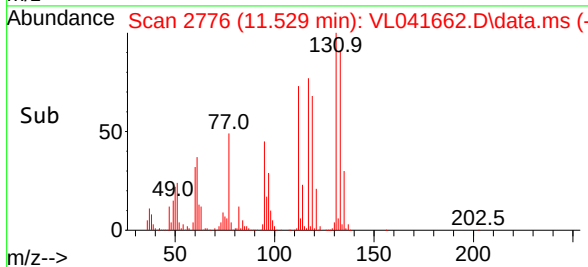
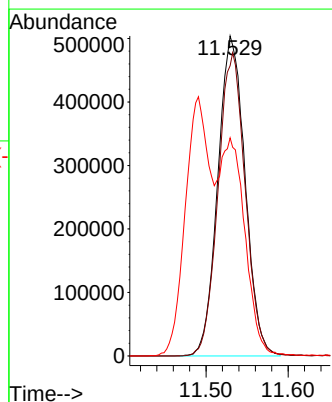
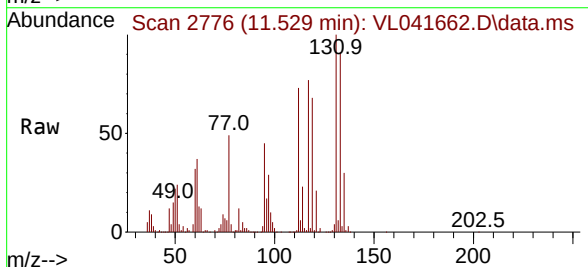
Instrument :
MSVOA_L
ClientSampleId :

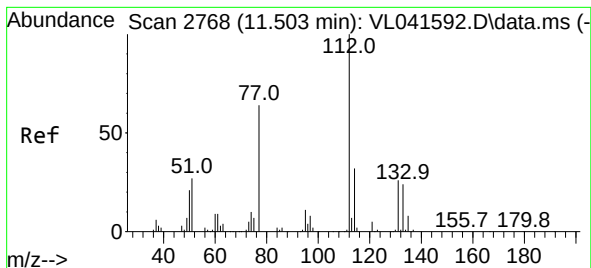
Tgt Ion:117 Resp: 3472413
Ion Ratio Lower Upper
117 100
82 51.6 49.4 74.2
119 24.8 24.4 36.6



#56
1,1,1,2-Tetrachloroethane
Concen: 8.567 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.042 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion:131 Resp: 1161496
Ion Ratio Lower Upper
131 100
133 94.9 76.6 115.0
119 61.2 48.5 72.7





#57

Chlorobenzene

Concen: 8.277 ppbv

RT: 11.552 min Scan# 21

Delta R.T. 0.048 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

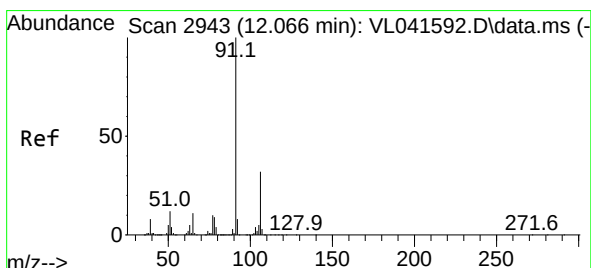
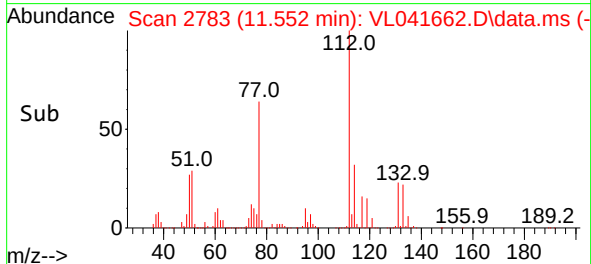
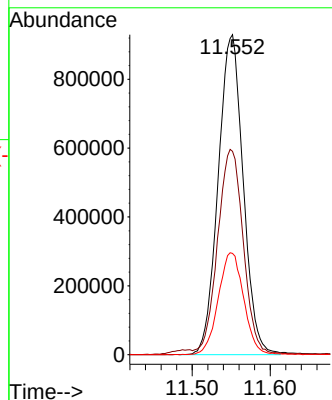
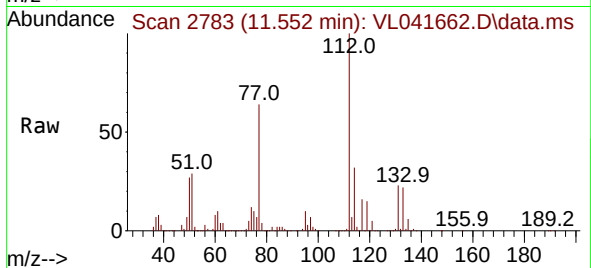
Tgt Ion:112 Resp: 2072182

Ion Ratio Lower Upper

112 100

77 63.0 52.0 78.0

114 31.7 28.6 35.0



#58

Ethyl Benzene

Concen: 9.589 ppbv

RT: 12.111 min Scan# 2957

Delta R.T. 0.045 min

Lab File: VL041662.D

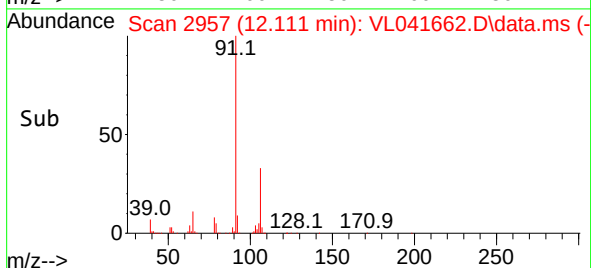
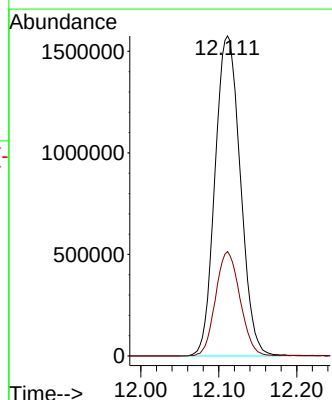
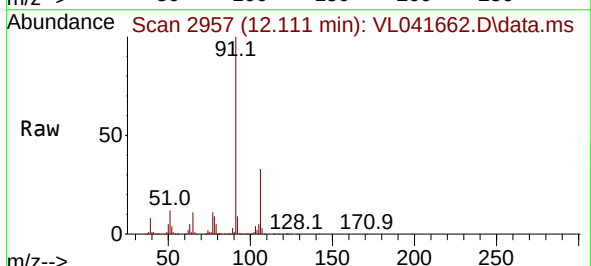
Acq: 14 Oct 2024 11:02

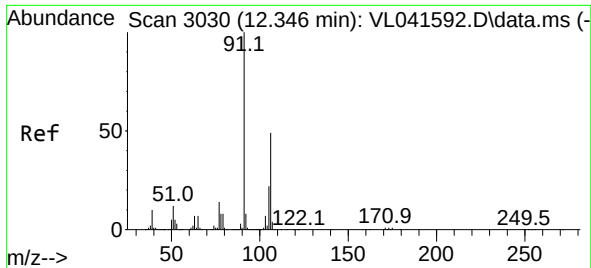
Tgt Ion: 91 Resp: 3564325

Ion Ratio Lower Upper

91 100

106 32.7 25.8 38.6





#59

m/p-Xylene

Concen: 9.724 ppbv

RT: 12.394 min Scan# 3030

Delta R.T. 0.048 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

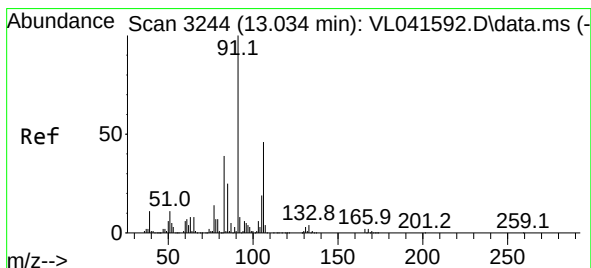
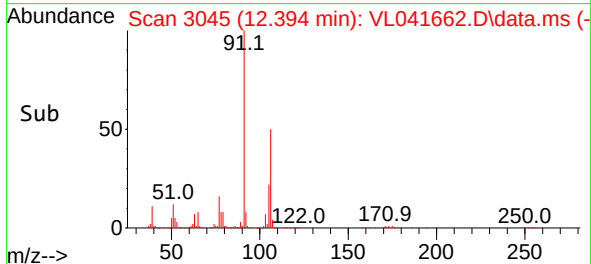
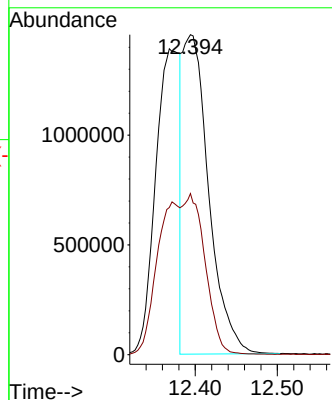
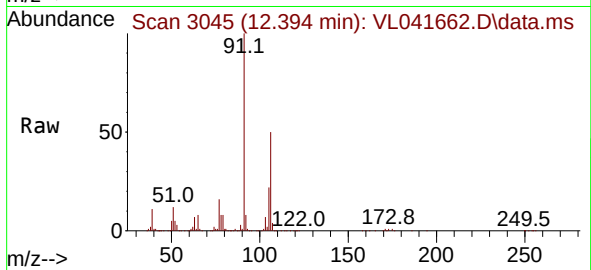
ClientSampleId :

Tgt Ion: 91 Resp: 3216946

Ion Ratio Lower Upper

91 100

106 86.7 36.8 55.2#



#60

o-Xylene

Concen: 9.271 ppbv

RT: 13.079 min Scan# 3258

Delta R.T. 0.045 min

Lab File: VL041662.D

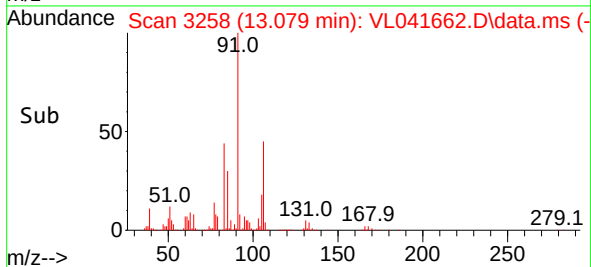
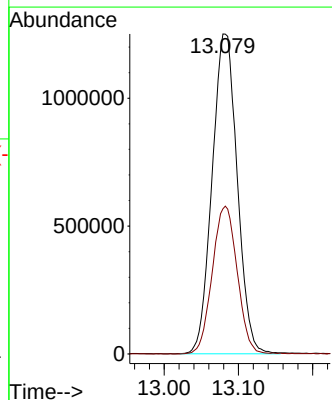
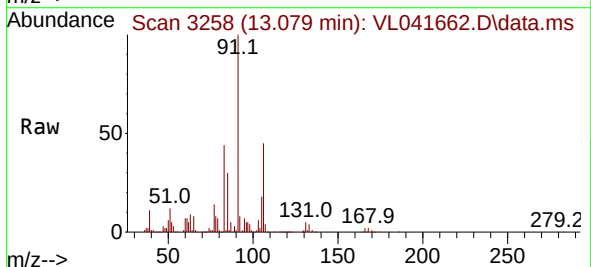
Acq: 14 Oct 2024 11:02

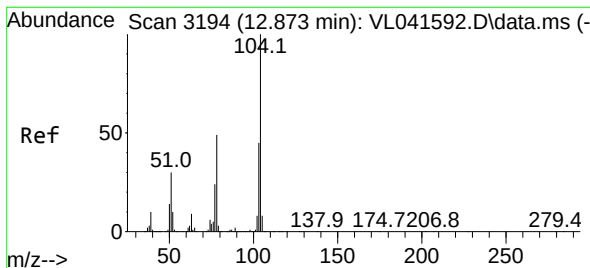
Tgt Ion: 91 Resp: 2940555

Ion Ratio Lower Upper

91 100

106 45.9 23.1 69.3





#61

Styrene

Concen: 10.488 ppbv

RT: 12.918 min Scan# 31

Delta R.T. 0.045 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

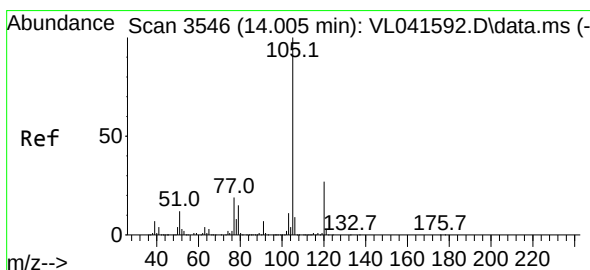
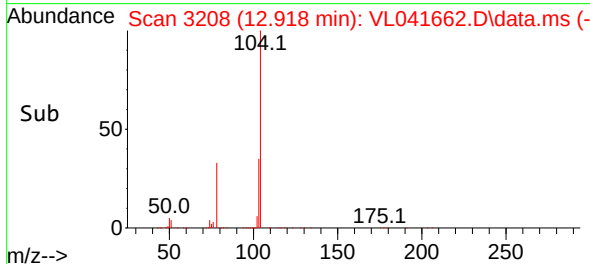
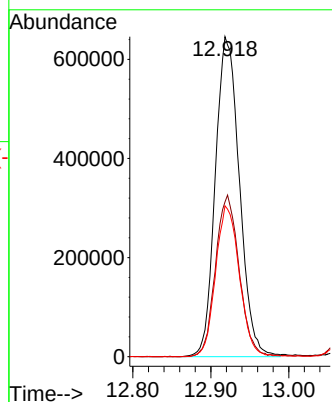
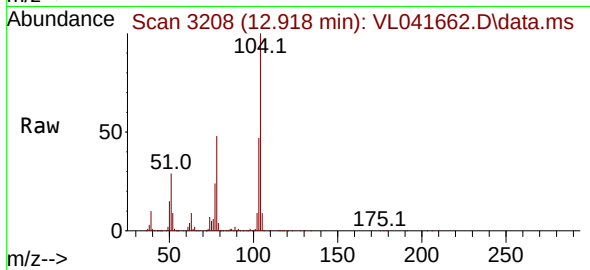
Tgt Ion:104 Resp: 1389742

Ion Ratio Lower Upper

104 100

78 50.0 39.8 59.6

103 46.8 37.4 56.0



#62

Isopropylbenzene

Concen: 8.848 ppbv

RT: 14.053 min Scan# 3561

Delta R.T. 0.048 min

Lab File: VL041662.D

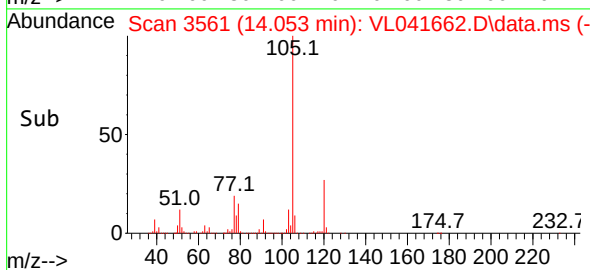
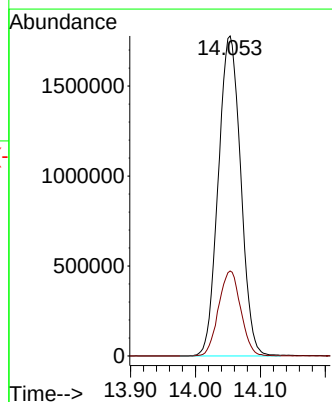
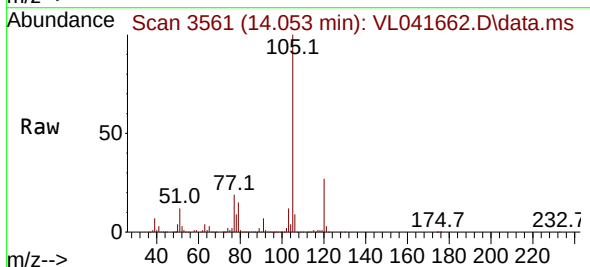
Acq: 14 Oct 2024 11:02

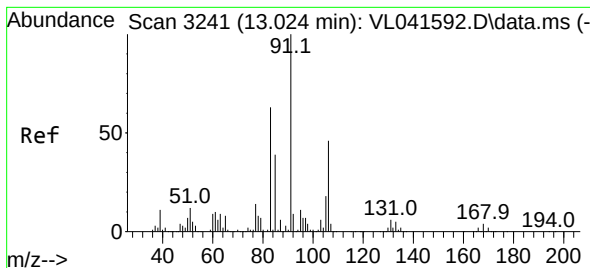
Tgt Ion:105 Resp: 4251841

Ion Ratio Lower Upper

105 100

120 26.3 20.9 31.3

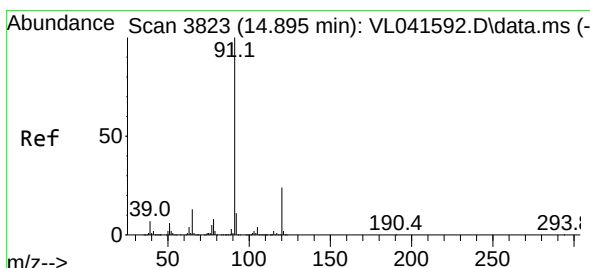
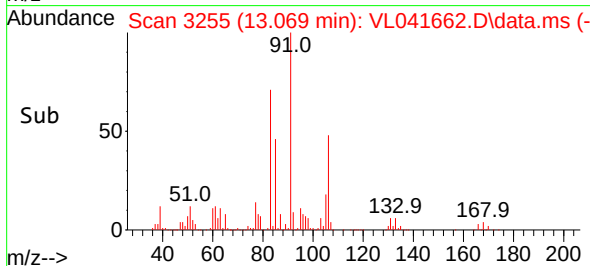
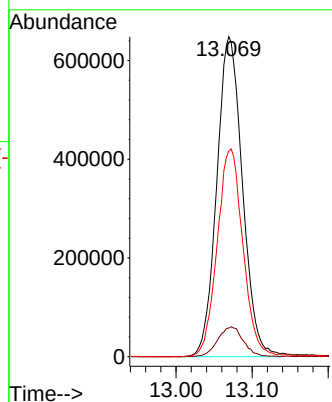
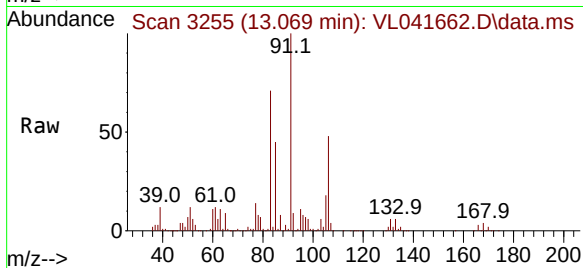




#63
1,1,2,2-Tetrachloroethane
Concen: 9.370 ppbv
RT: 13.069 min Scan# 31
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

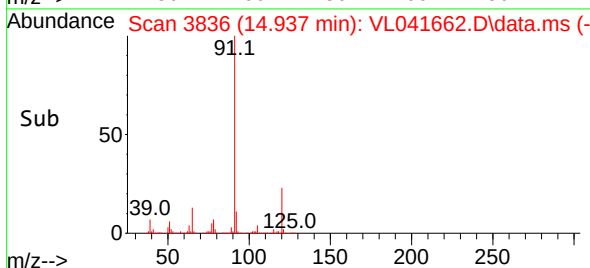
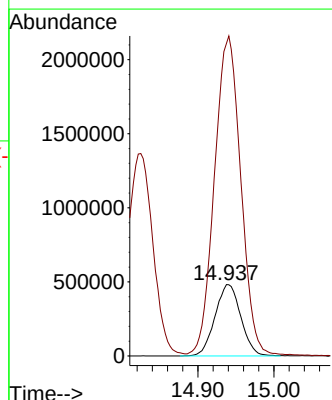
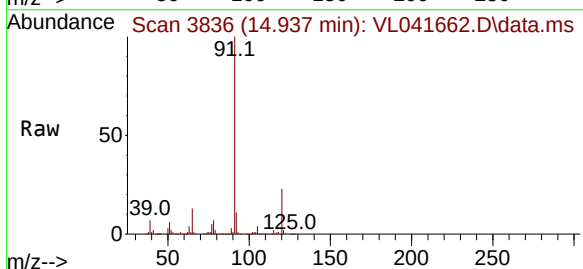
Instrument :
MSVOA_L
ClientSampleId :

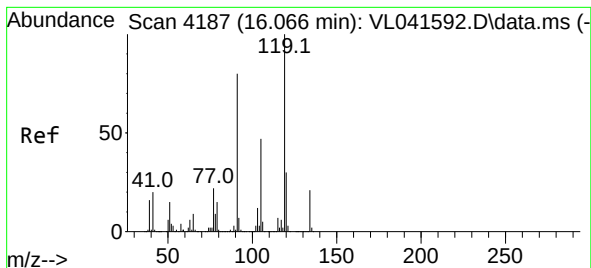
Tgt Ion: 83 Resp: 1519552
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 65.5 32.5 97.4



#64
n-propylbenzene
Concen: 9.140 ppbv
RT: 14.937 min Scan# 3836
Delta R.T. 0.042 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion:120 Resp: 1134283
Ion Ratio Lower Upper
120 100
91 460.1 366.4 549.6





#65

tert-Butylbenzene

Concen: 8.668 ppbv

RT: 16.114 min Scan# 4187

Delta R.T. 0.048 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

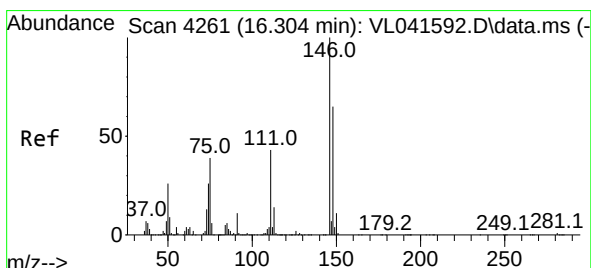
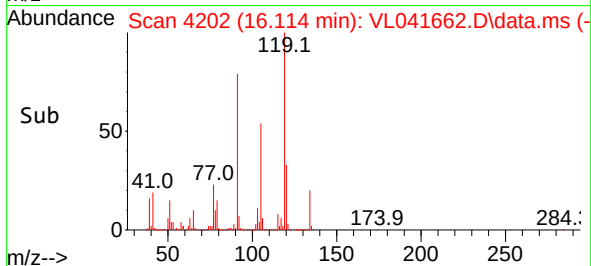
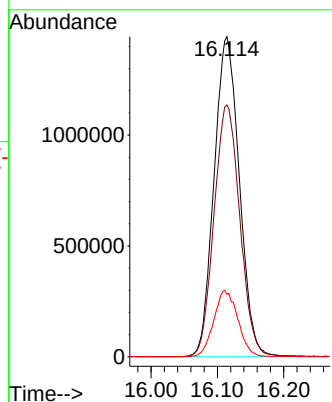
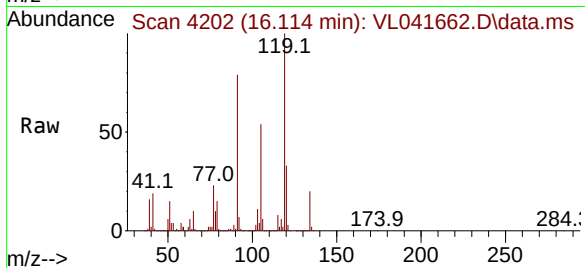
Tgt Ion:119 Resp: 3818025

Ion Ratio Lower Upper

119 100

91 80.5 64.6 96.8

134 19.8 15.8 23.8



#66

Benzyl Chloride

Concen: 9.009 ppbv

RT: 16.349 min Scan# 4275

Delta R.T. 0.045 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

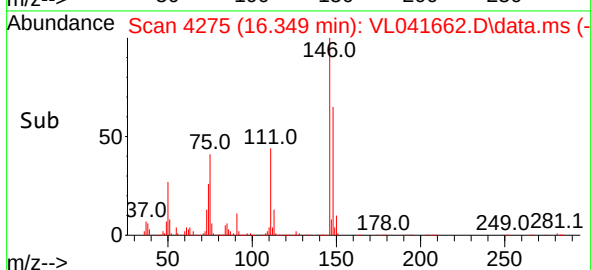
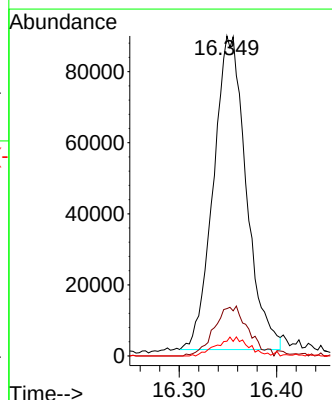
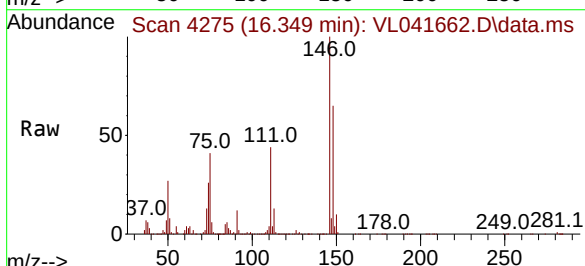
Tgt Ion: 91 Resp: 206302

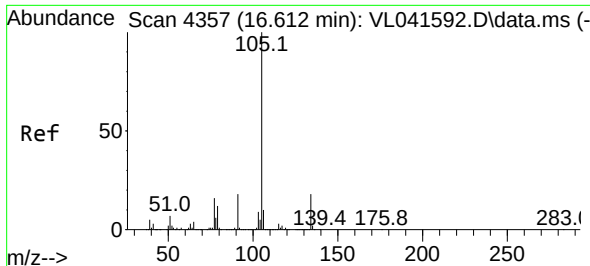
Ion Ratio Lower Upper

91 100

126 16.3 15.4 23.2

128 6.2 4.8 7.2

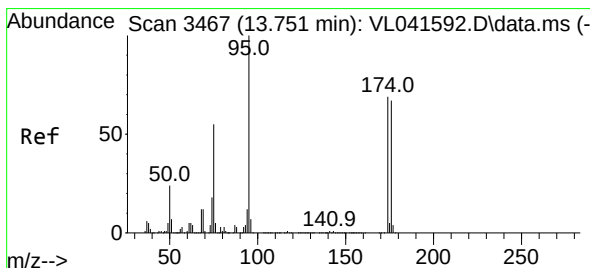
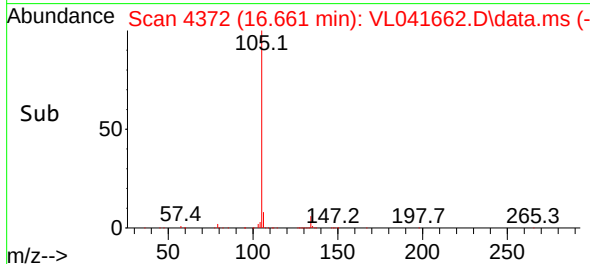
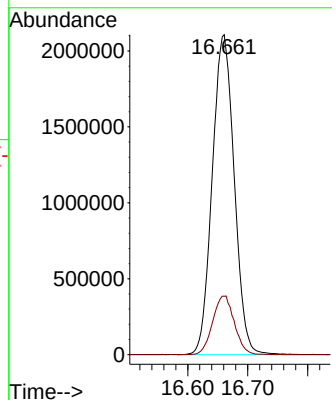
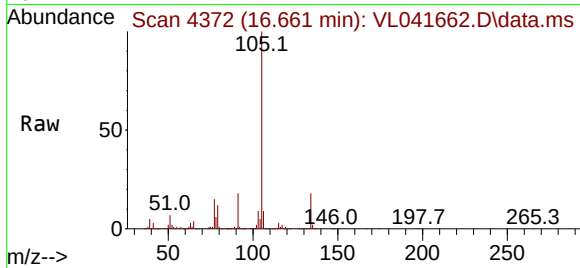




#67
 sec-Butylbenzene
 Concen: 8.759 ppbv
 RT: 16.661 min Scan# 41
 Delta R.T. 0.048 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

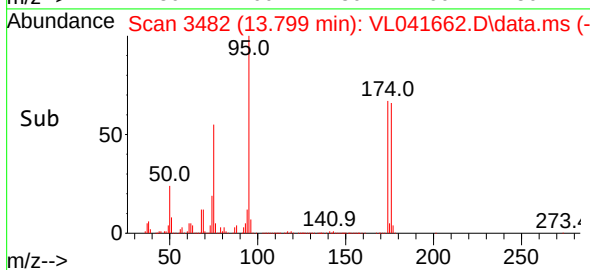
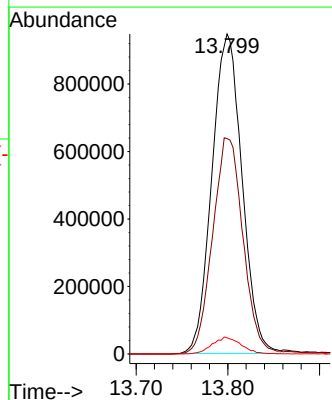
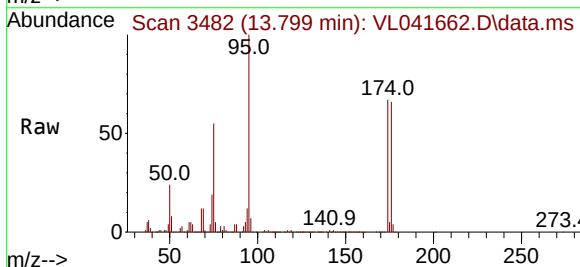
Instrument :
 MSVOA_L
 ClientSampleId :

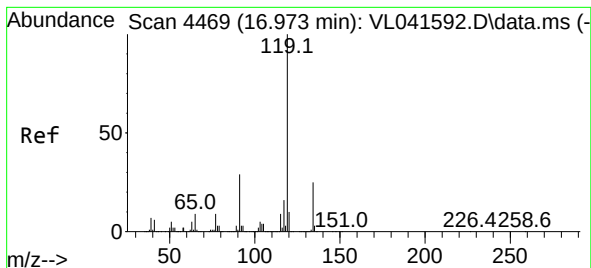
Tgt Ion:105 Resp: 5353060
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 21.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.442 ppbv
 RT: 13.799 min Scan# 3482
 Delta R.T. 0.048 min
 Lab File: VL041662.D
 Acq: 14 Oct 2024 11:02

Tgt Ion: 95 Resp: 2157989
 Ion Ratio Lower Upper
 95 100
 174 68.8 55.8 83.8
 175 5.1 4.1 6.1





#69

p-Isopropyltoluene

Concen: 8.998 ppbv

RT: 17.018 min Scan# 4469

Delta R.T. 0.045 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

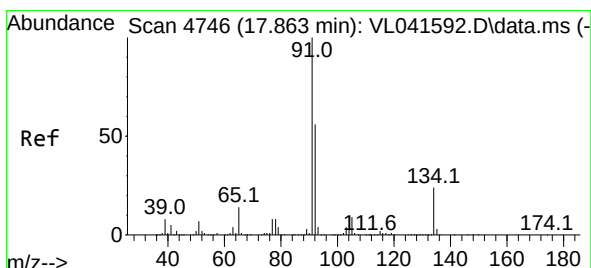
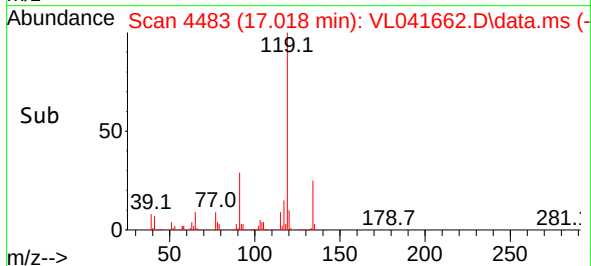
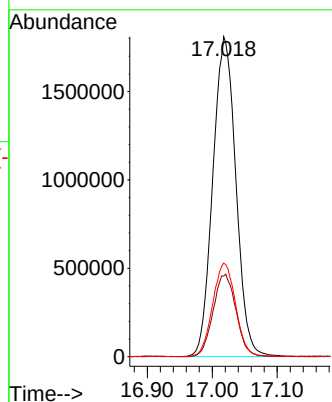
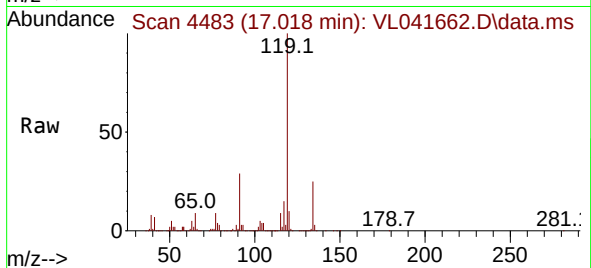
Tgt Ion:119 Resp: 4451290

Ion Ratio Lower Upper

119 100

134 25.6 20.5 30.7

91 29.2 23.1 34.7



#70

n-Butylbenzene

Concen: 8.822 ppbv

RT: 17.908 min Scan# 4760

Delta R.T. 0.045 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

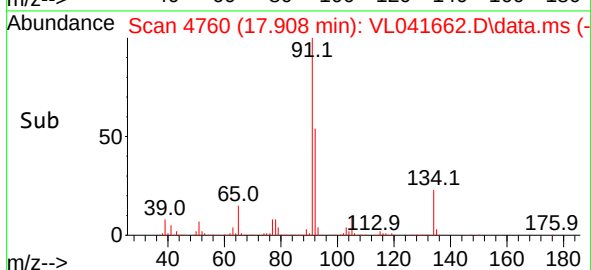
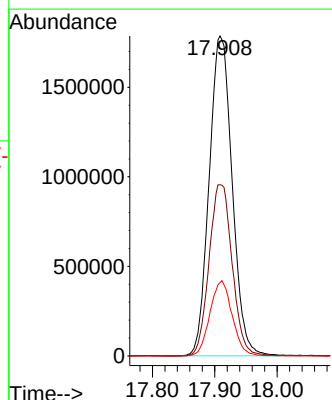
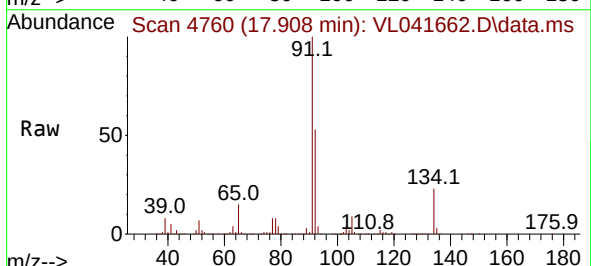
Tgt Ion: 91 Resp: 4571641

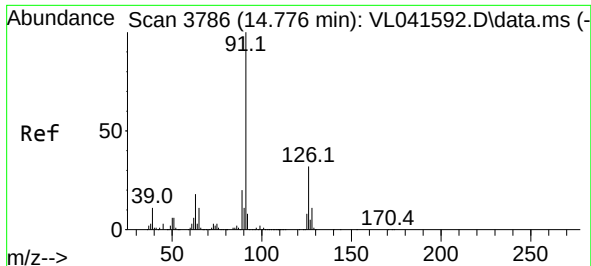
Ion Ratio Lower Upper

91 100

92 54.0 43.2 64.8

134 22.9 18.6 27.8

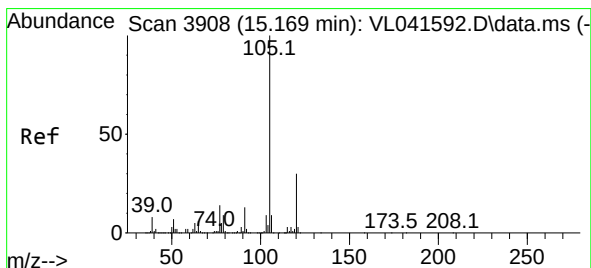
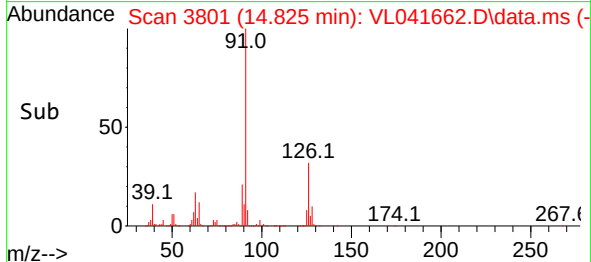
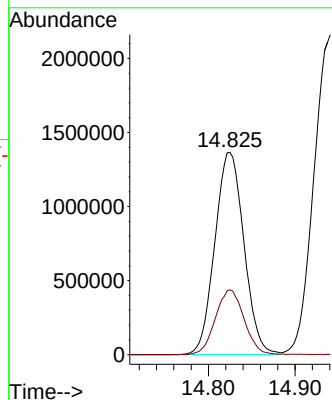
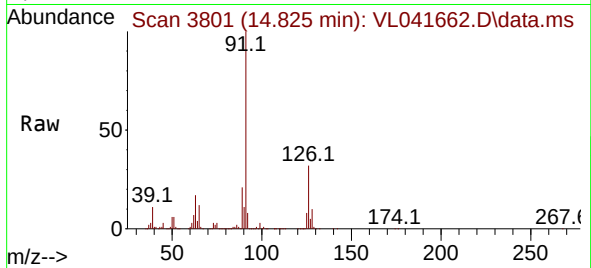




#71
2-Chlorotoluene
Concen: 9.010 ppbv
RT: 14.825 min Scan# 3185
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

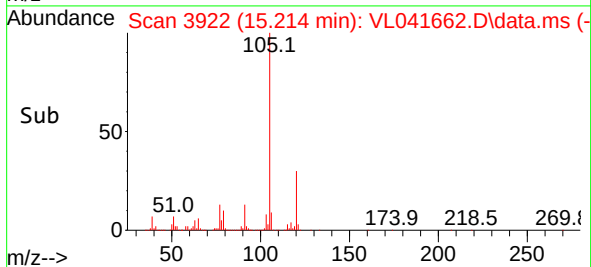
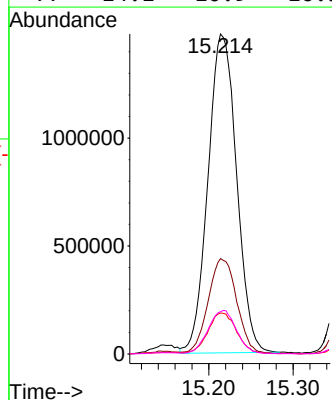
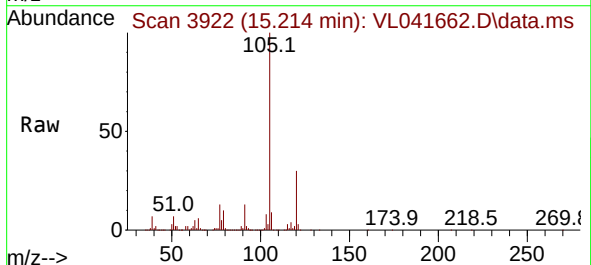
Instrument :
MSVOA_L
ClientSampleId :

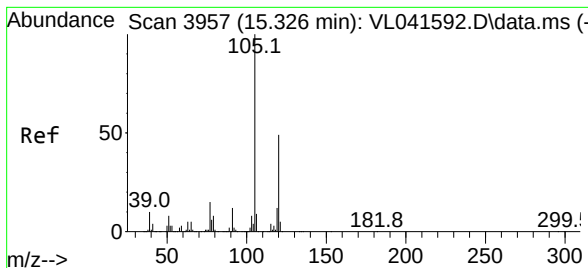
Tgt Ion: 91 Resp: 3185904
Ion Ratio Lower Upper
91 100
126 31.8 12.9 51.5



#72
4-Ethyltoluene
Concen: 9.398 ppbv
RT: 15.214 min Scan# 3922
Delta R.T. 0.045 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion: 105 Resp: 3484380
Ion Ratio Lower Upper
105 100
120 30.0 24.1 36.1
91 13.6 10.2 15.2
77 14.1 10.9 16.3





#73

1,3,5-Trimethylbenzene

Concen: 9.124 ppbv

RT: 15.375 min Scan# 3957

Delta R.T. 0.048 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

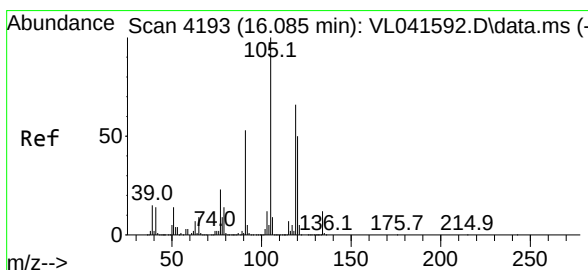
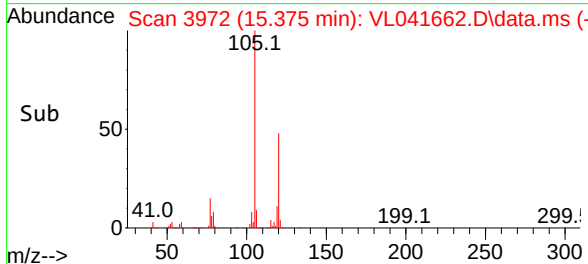
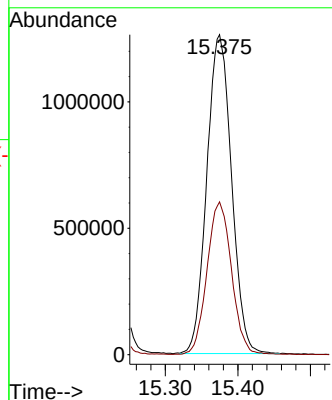
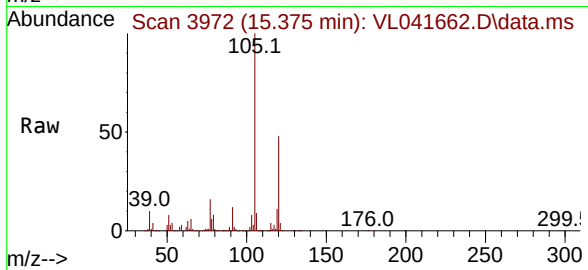
ClientSampleId :

Tgt Ion:105 Resp: 2987131

Ion Ratio Lower Upper

105 100

120 47.8 39.4 59.0



#74

1,2,4-Trimethylbenzene

Concen: 8.679 ppbv

RT: 16.134 min Scan# 4208

Delta R.T. 0.048 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Tgt Ion:105 Resp: 3325802

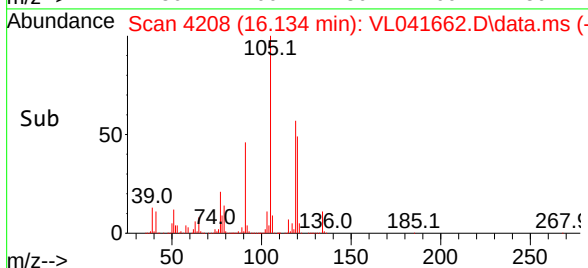
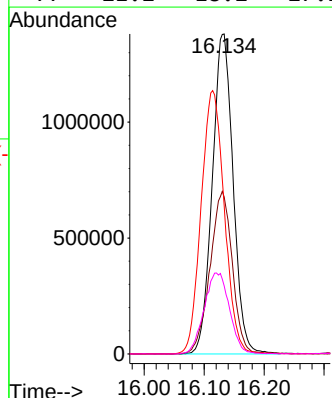
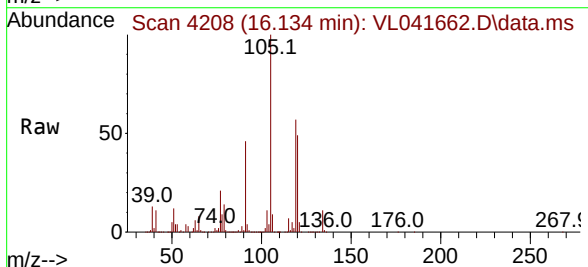
Ion Ratio Lower Upper

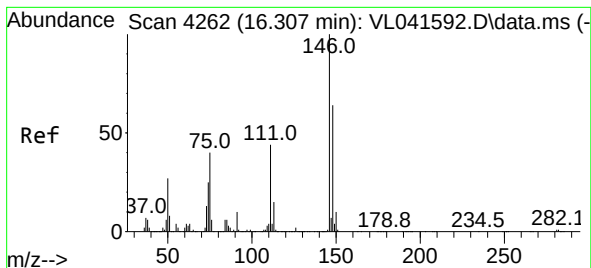
105 100

120 49.0 39.9 59.9

91 46.1 42.6 63.8

77 21.2 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 8.313 ppbv

RT: 16.355 min Scan# 4321

Delta R.T. 0.048 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :

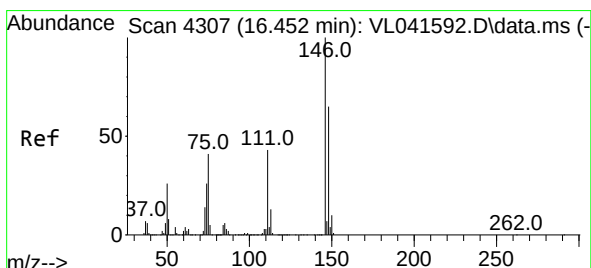
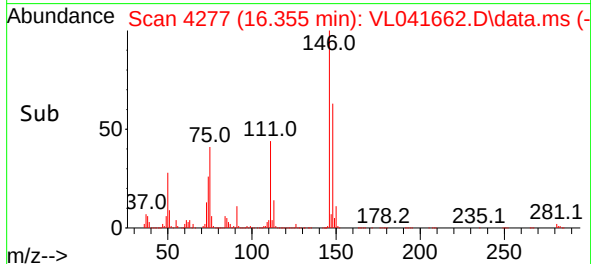
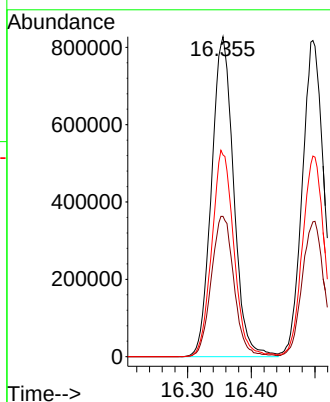
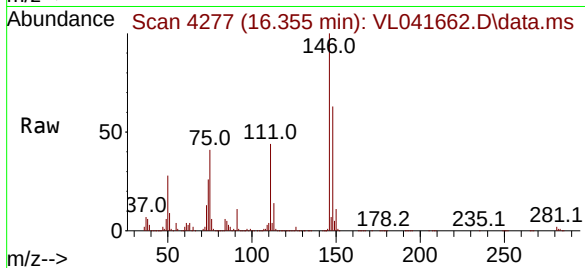
Tgt Ion:146 Resp: 1996430

Ion Ratio Lower Upper

146 100

111 45.0 22.4 67.0

148 64.3 32.1 96.5



#76

1,4-Dichlorobenzene

Concen: 8.420 ppbv

RT: 16.497 min Scan# 4321

Delta R.T. 0.045 min

Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

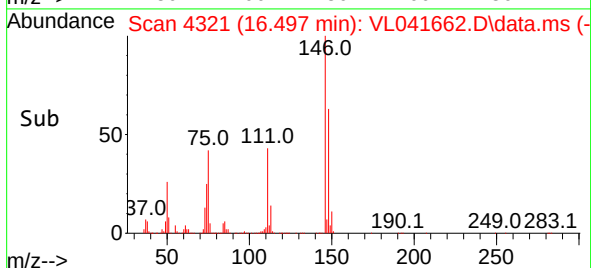
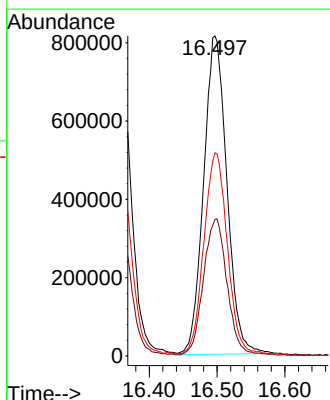
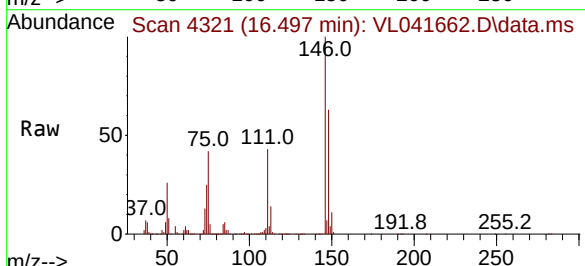
Tgt Ion:146 Resp: 1937729

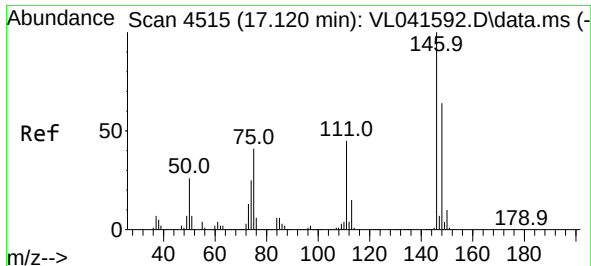
Ion Ratio Lower Upper

146 100

111 44.1 22.4 67.3

148 65.6 32.8 98.4

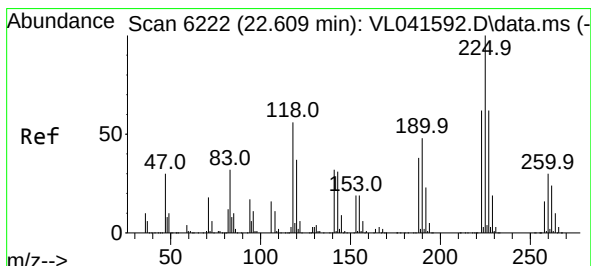
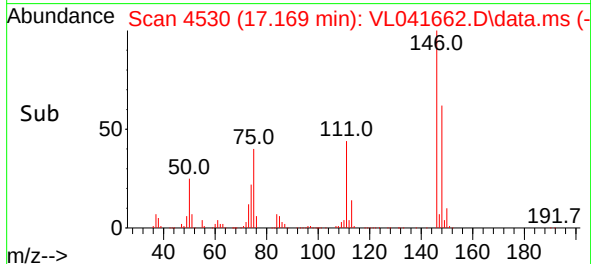
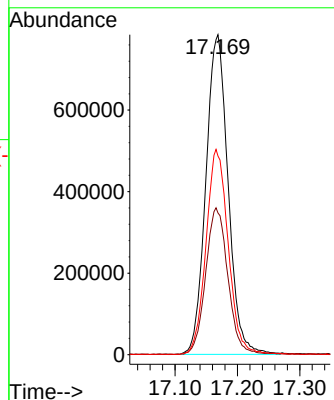
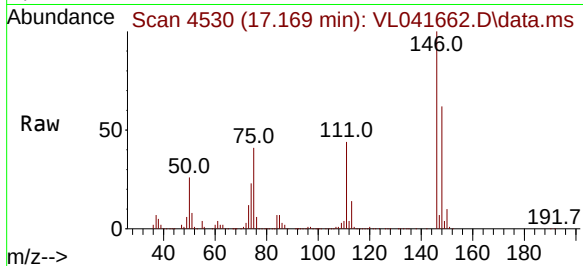




#77
1,2-Dichlorobenzene
Concen: 8.198 ppbv
RT: 17.169 min Scan# 4530
Delta R.T. 0.048 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

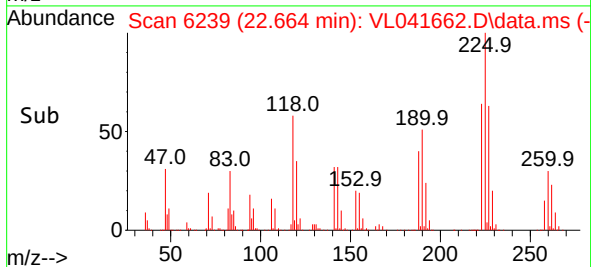
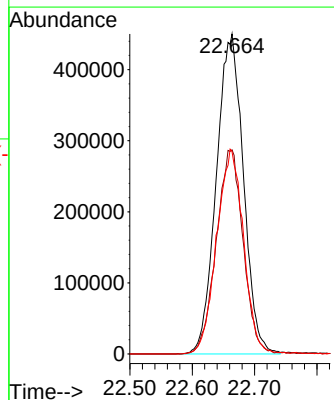
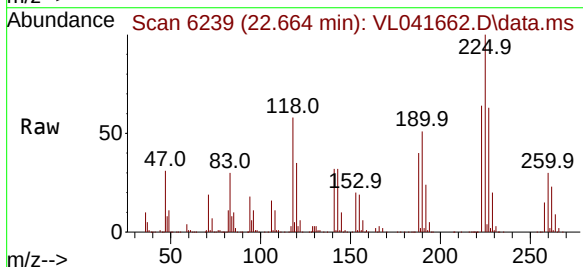
Instrument :
MSVOA_L
ClientSampleId :

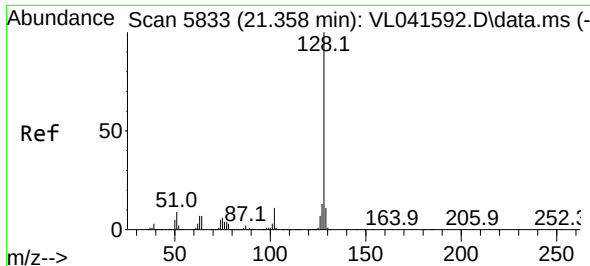
Tgt Ion:146 Resp: 1943634
Ion Ratio Lower Upper
146 100
111 46.1 23.4 70.0
148 64.2 32.5 97.4



#78
Hexachloro-1,3-Butadiene
Concen: 6.936 ppbv
RT: 22.664 min Scan# 6239
Delta R.T. 0.055 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion:225 Resp: 1356495
Ion Ratio Lower Upper
225 100
223 63.5 50.6 75.8
227 63.8 50.9 76.3

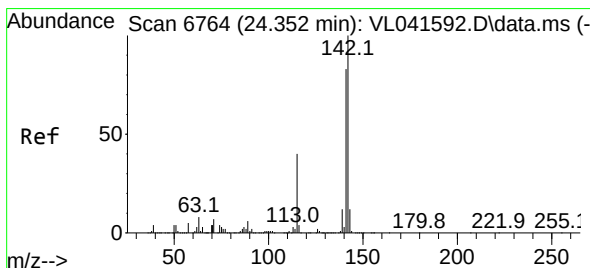
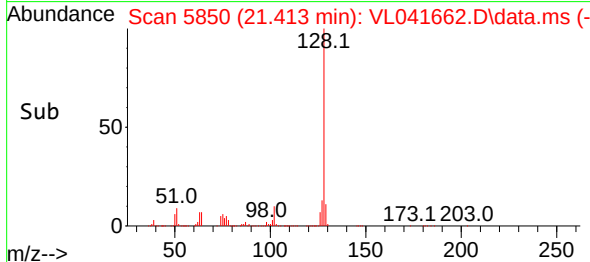
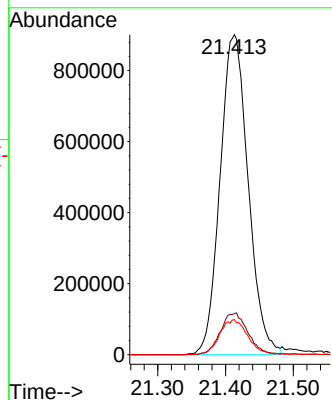
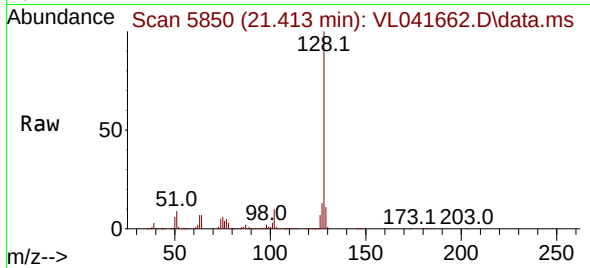




#79
Naphthalene
Concen: 9.200 ppbv
RT: 21.413 min Scan# 5833
Delta R.T. 0.055 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

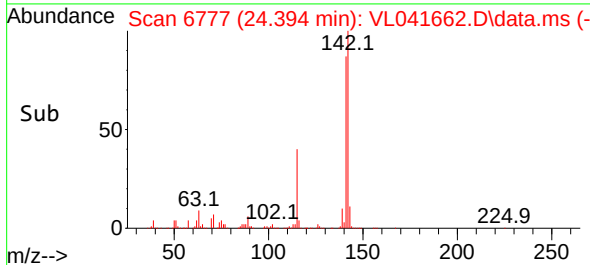
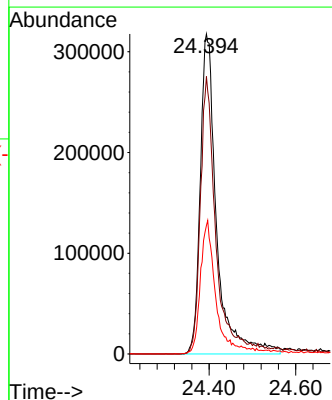
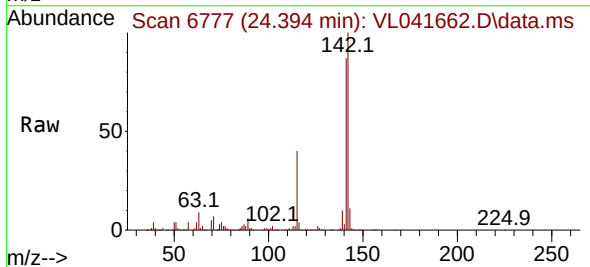
Instrument :
MSVOA_1
ClientSampleId :

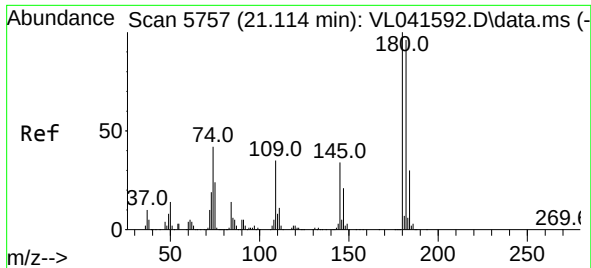
Tgt Ion:128 Resp: 2594745
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 11.0 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 4.218 ppbv
RT: 24.394 min Scan# 6777
Delta R.T. 0.042 min
Lab File: VL041662.D
Acq: 14 Oct 2024 11:02

Tgt Ion:142 Resp: 833531
Ion Ratio Lower Upper
142 100
141 83.1 66.3 99.5
115 41.0 31.4 47.2





#81

1,2,4-Trichlorobenzene

Concen: 7.673 ppbv

RT: 21.165 min Scan# 51

Delta R.T. 0.052 min

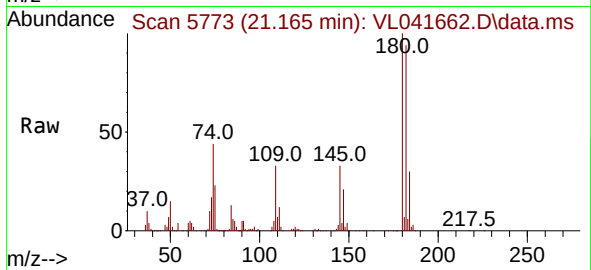
Lab File: VL041662.D

Acq: 14 Oct 2024 11:02

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1375748

Ion	Ratio	Lower	Upper
180	100		
182	97.8	76.5	114.7
184	31.1	24.7	37.1

180 100

182 97.8 76.5 114.7

184 31.1 24.7 37.1

