

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091624\
 Data File : VL041597.D
 Acq On : 16 Sep 2024 16:38
 Operator : SY/MD
 Sample : VSTDIC0.03
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Sep 17 04:29:28 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	5.173	49	1115440	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3030679	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2692276	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1983531	9.640	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.838	85	3577	0.019	ppbv	99
3) Chlorodifluoromethane	2.655	51	4520	0.034	ppbv	93
4) Chloromethane	2.806	50	2971	0.041	ppbv #	79
5) Vinyl Chloride	2.906	62	1310	0.019	ppbv #	68
6) Bromomethane	3.102	94	430	0.012	ppbv #	4
7) Chloroethane	3.176	64	275	0.011	ppbv #	43
8) Dichlorotetrafluoroethane	2.838	85	3577	0.021	ppbv #	16
9) Propene	2.919	41	169	0.003	ppbv	92
10) Heptane	7.565	43	448	0.003	ppbv #	1
11) Trichlorofluoromethane	3.578	101	130	0.001	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.047	101	1918	0.016	ppbv #	48
13) Ethanol	3.247	45	229	0.044	ppbv #	37
14) Bromoethene	3.353	108	859	0.018	ppbv #	41
15) Acetone	3.452	43	99	0.001	ppbv #	48
16) 1,3-Butadiene	2.970	39	1342	0.020	ppbv #	44
17) tert-Butyl alcohol	3.861	59	68	0.001	ppbv #	71
18) 1,1-Dichloroethene	3.861	96	1558	0.029	ppbv #	41
19) Isopropyl Alcohol	3.552	45	75	0.001	ppbv #	92
20) Methylene Chloride	3.919	84	7440	0.156	ppbv #	75
21) Allyl Chloride	3.973	41	839	0.010	ppbv #	19
22) trans-1,2-Dichloroethene	4.427	96	1478	0.028	ppbv #	48
23) Vinyl Acetate	4.610	43	412	0.004	ppbv #	1
24) 1,1-Dichloroethane	4.539	63	2436	0.021	ppbv #	92
25) Ethyl Acetate	5.195	43	1762	0.007	ppbv #	25
26) Hexane	5.195	57	1816	0.017	ppbv #	1
27) Carbon Disulfide	4.105	76	1789	0.015	ppbv #	1
28) Methyl tert-Butyl Ether	4.574	73	520	0.008	ppbv #	51
29) Chloroform	5.259	83	1568	0.009	ppbv #	49
30) Cyclohexane	6.581	84	251	0.003	ppbv #	1
31) cis-1,2-Dichloroethene	5.060	61	851	0.008	ppbv #	53
32) 1,1,1-Trichloroethane	5.983	97	593	0.004	ppbv #	22
34) 2-Butanone	4.771	43	362	0.002	ppbv #	55
35) Carbon Tetrachloride	6.475	117	740	0.004	ppbv #	30
36) Benzene	6.353	78	2624	0.012	ppbv #	77
37) 1,2-Dichloroethane	5.787	62	1611	0.013	ppbv #	82
38) Trichloroethene	7.269	130	2247	0.022	ppbv #	80
39) 1,2-Dichloropropane	6.632	63	736512	8.631	ppbv #	23
40) 1,4-Dioxane	7.272	88	68	0.002	ppbv #	1
41) Tetrahydrofuran	5.571	42	321	0.004	ppbv #	22
42) Bromodichloromethane	7.227	83	2679	0.015	ppbv #	40
43) Methyl Methacrylate	7.449	69	166	0.002	ppbv #	1
44) 2,2,4-Trimethylpentane	7.304	57	2036	0.005	ppbv #	1
45) t-1,3-Dichloropropene	8.690	75	153	0.002	ppbv	95

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

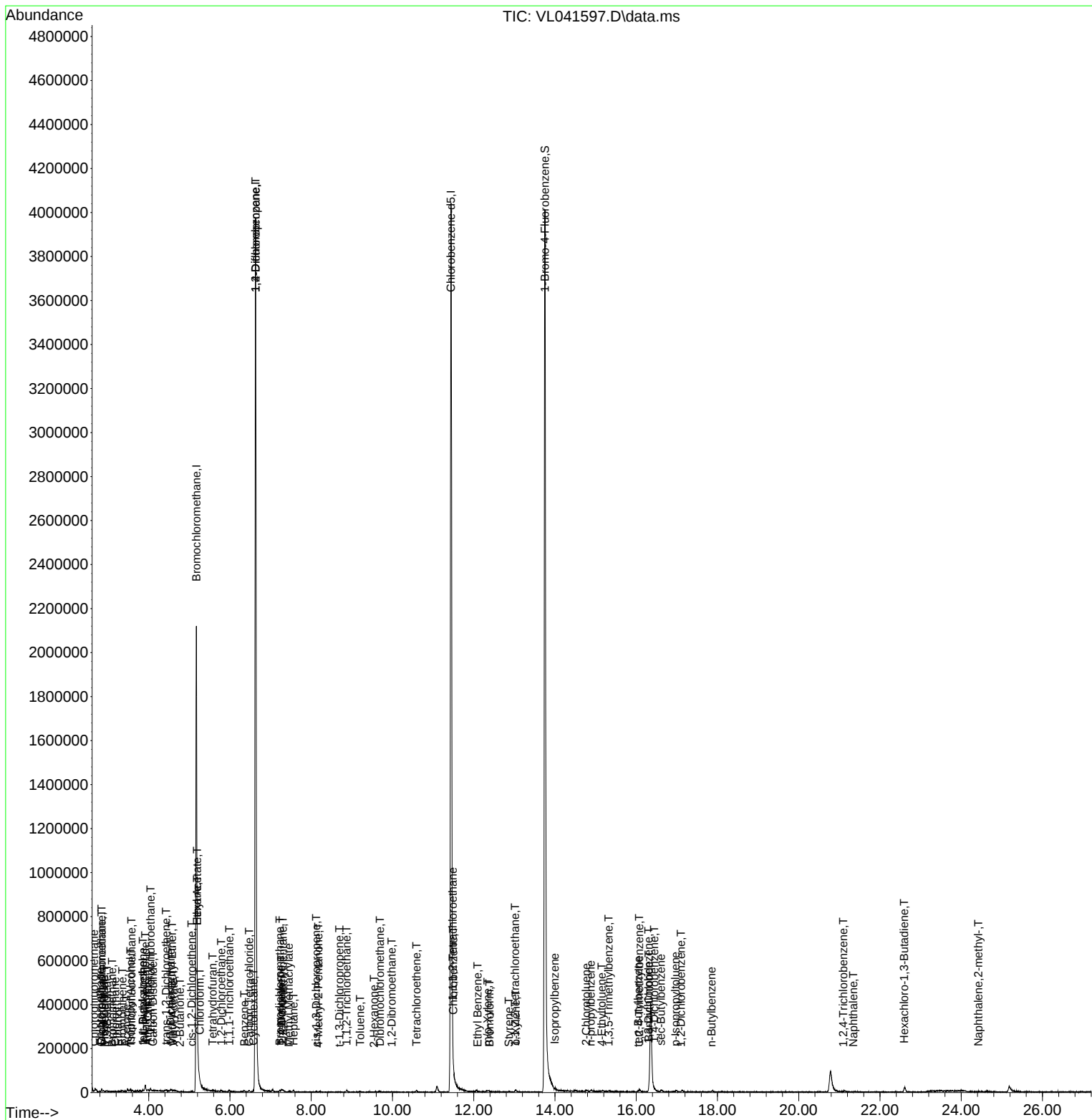
Instrument :
 MSVOA_L
 ClientSampleId :

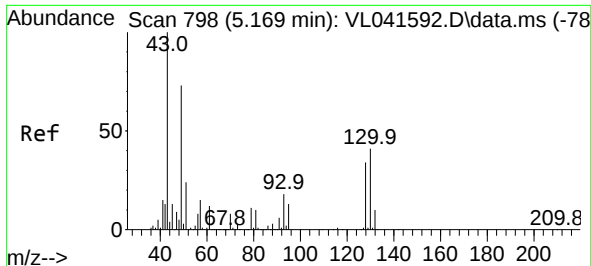
Quant Time: Sep 17 04:29:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 17 02:32:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
46) cis-1,3-Dichloropropene	8.124	75	304	0.003	ppbv	#	59
47) 1,1,2-Trichloroethane	8.873	97	805	0.009	ppbv	#	57
48) Dibromochloromethane	9.693	129	891	0.006	ppbv	#	34
49) Bromoform	12.388	173	388	0.003	ppbv	#	26
50) 4-Methyl-2-Pentanone	8.179	43	165	0.001	ppbv	#	1
51) 2-Hexanone	9.545	43	47	0.000	ppbv	#	31
52) Tetrachloroethene	10.594	164	980	0.011	ppbv	#	28
53) Toluene	9.205	91	1569	0.006	ppbv	#	20
54) 1,2-Dibromoethane	9.979	107	709	0.006	ppbv		89
56) 1,1,1,2-Tetrachloroethane	11.487	131	879	0.008	ppbv	#	9
57) Chlorobenzene	11.497	112	1827	0.009	ppbv	#	1
58) Ethyl Benzene	12.098	91	275	0.001	ppbv		91
59) m/p-Xylene	12.339	91	692	0.003	ppbv	#	30
60) o-Xylene	13.034	91	1029	0.004	ppbv	#	1
61) Styrene	12.867	104	399	0.003	ppbv	#	29
62) Isopropylbenzene	13.995	105	589	0.002	ppbv	#	1
63) 1,1,2,2-Tetrachloroethane	13.018	83	712	0.005	ppbv	#	25
64) n-propylbenzene	14.880	120	117	0.001	ppbv	#	1
65) tert-Butylbenzene	16.050	119	431	0.001	ppbv	#	18
66) Benzyl Chloride	16.307	91	91	0.004	ppbv	#	63
67) sec-Butylbenzene	16.609	105	1466	0.003	ppbv	#	2
69) p-Isopropyltoluene	16.966	119	931	0.002	ppbv	#	48
70) n-Butylbenzene	17.851	91	449	0.001	ppbv	#	33
71) 2-Chlorotoluene	14.767	91	1501	0.005	ppbv	#	42
72) 4-Ethyltoluene	15.153	105	664	0.002	ppbv	#	45
73) 1,3,5-Trimethylbenzene	15.320	105	395	0.002	ppbv	#	28
74) 1,2,4-Trimethylbenzene	16.072	105	851	0.003	ppbv	#	69
75) 1,3-Dichlorobenzene	16.304	146	923	0.005	ppbv	#	24
76) 1,4-Dichlorobenzene	16.442	146	625	0.003	ppbv	#	23
77) 1,2-Dichlorobenzene	17.105	146	544	0.003	ppbv	#	23
78) Hexachloro-1,3-Butadiene	22.596	225	1629	0.010	ppbv	#	19
79) Naphthalene	21.346	128	413	0.002	ppbv	#	1
80) Naphthalene,2-methyl-	24.419	142	245	0.001	ppbv	#	54
81) 1,2,4-Trichlorobenzene	21.098	180	198	0.001	ppbv	#	12

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

Quant Time: Sep 17 04:29:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M
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QLast Update : Tue Sep 17 02:32:57 2024
Response via : Initial Calibration

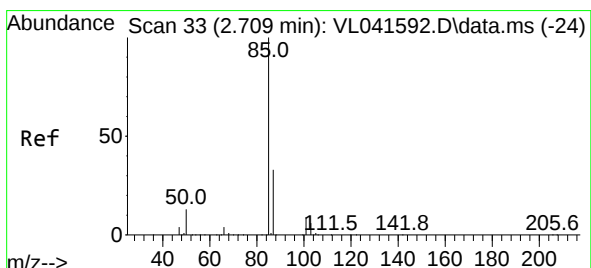
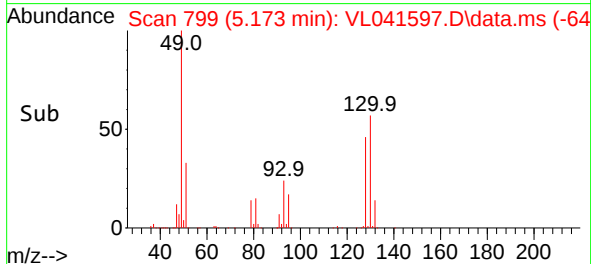
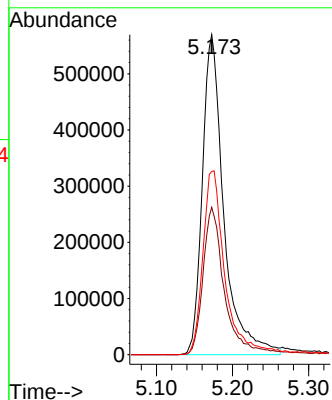
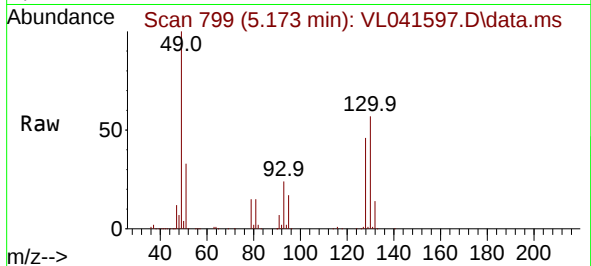




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.173 min Scan# 79
Delta R.T. 0.004 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

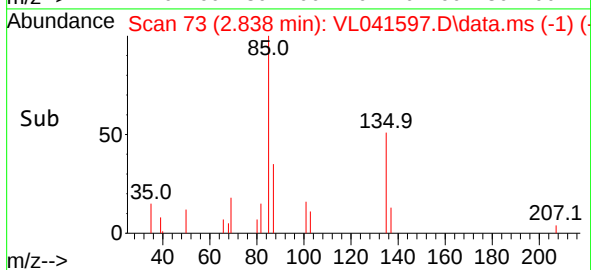
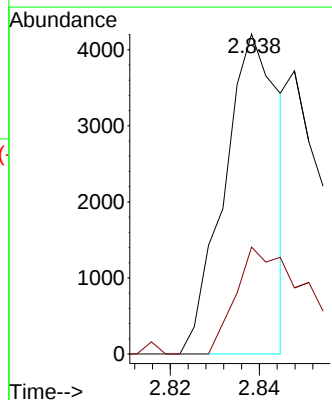
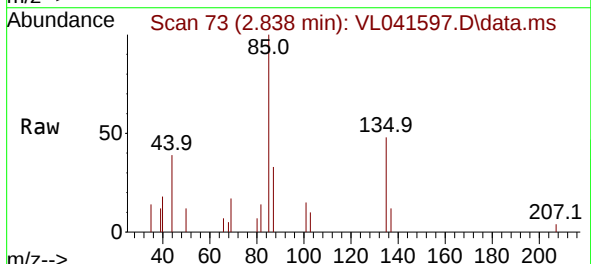
Instrument :
MSVOA_L
ClientSampleId :

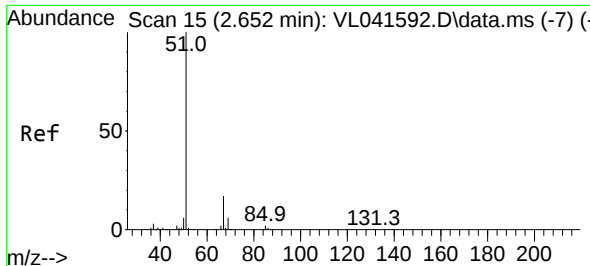
Tgt Ion: 49 Resp: 1115440
Ion Ratio Lower Upper
49 100
128 46.7 23.8 71.5
130 59.4 30.4 91.3



#2
Dichlorodifluoromethane
Concen: 0.019 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.129 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 85 Resp: 3577
Ion Ratio Lower Upper
85 100
87 33.4 26.3 39.5

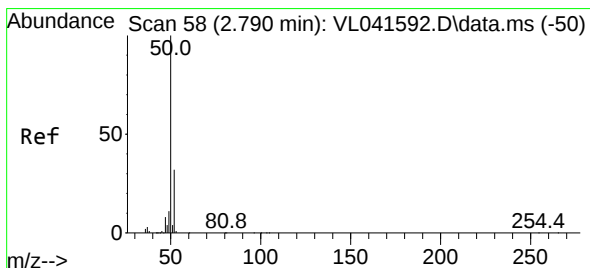
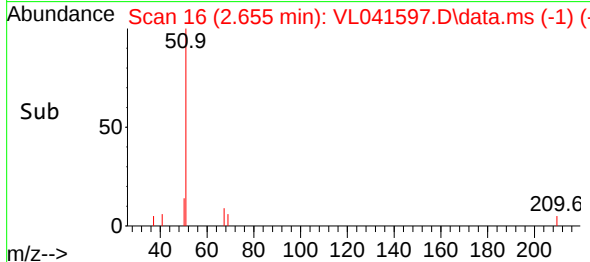
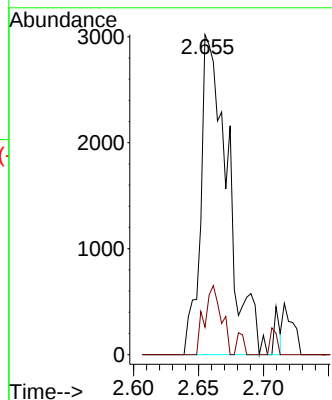
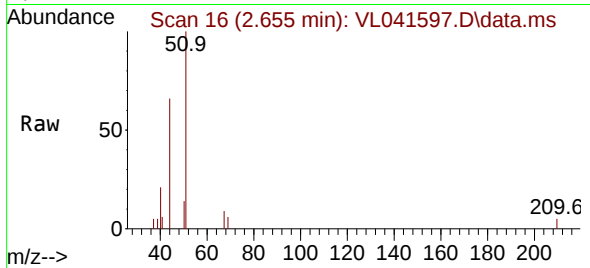




#3
Chlorodifluoromethane
Concen: 0.034 ppbv
RT: 2.655 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

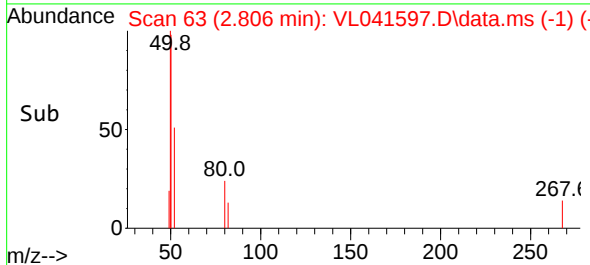
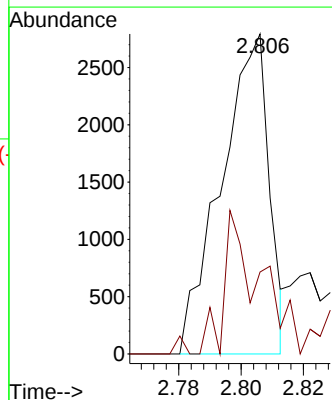
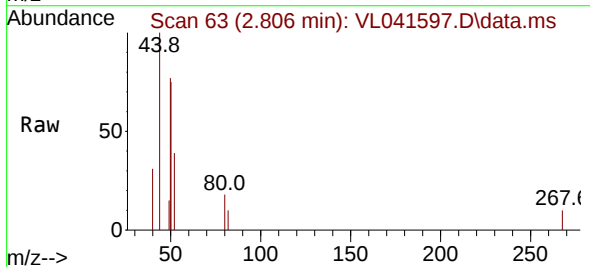
Instrument :
MSVOA_L
ClientSampleId :

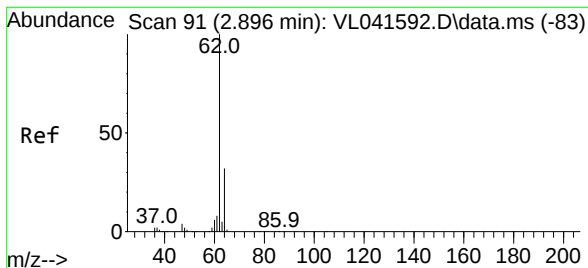
Tgt Ion: 51 Resp: 4520
Ion Ratio Lower Upper
51 100
67 14.6 14.1 21.1



#4
Chloromethane
Concen: 0.041 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.016 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 50 Resp: 2971
Ion Ratio Lower Upper
50 100
52 20.0 25.4 38.2#

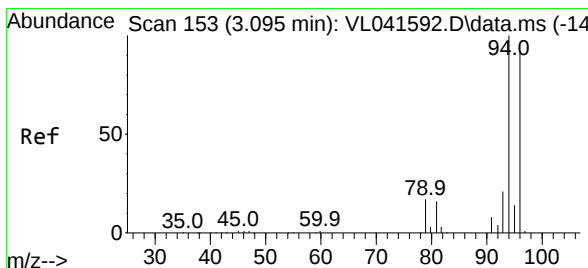
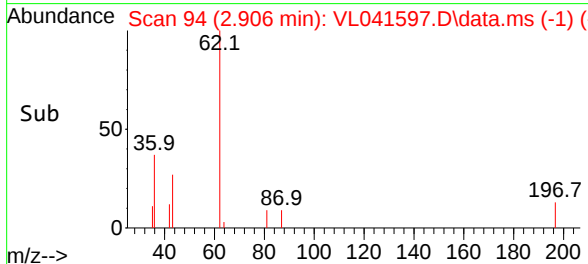
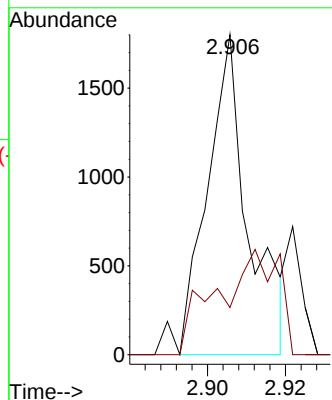
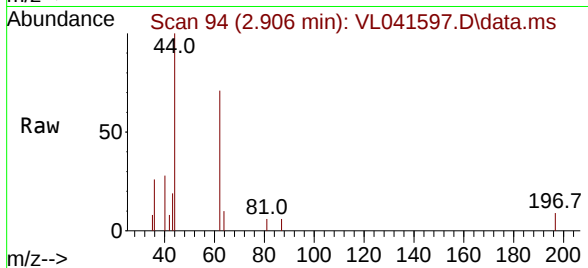




#5
 Vinyl Chloride
 Concen: 0.019 ppbv
 RT: 2.906 min Scan# 94
 Delta R.T. 0.010 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

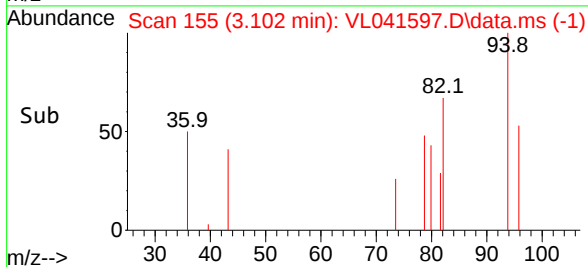
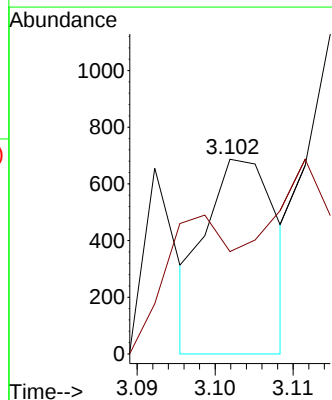
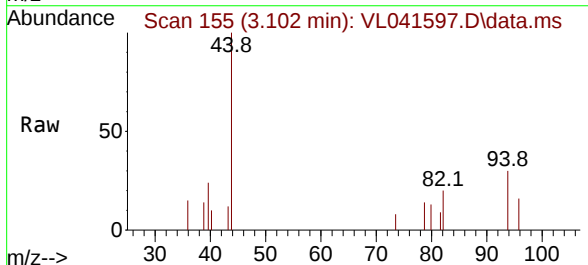
Instrument :
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 ClientSampleId :

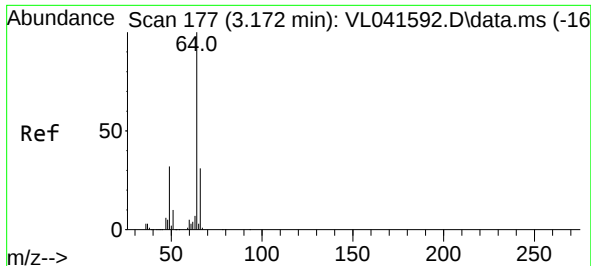
Tgt Ion: 62 Resp: 1310
 Ion Ratio Lower Upper
 62 100
 64 14.8 26.0 39.0#



#6
 Bromomethane
 Concen: 0.012 ppbv
 RT: 3.102 min Scan# 155
 Delta R.T. 0.007 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

Tgt Ion: 94 Resp: 430
 Ion Ratio Lower Upper
 94 100
 96 0.0 73.4 110.2#

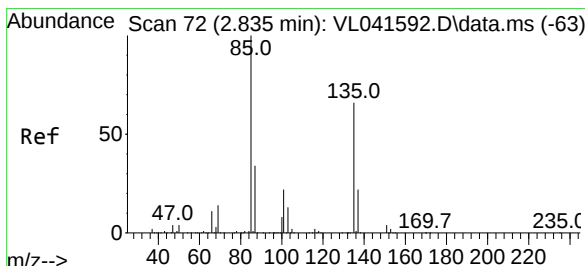
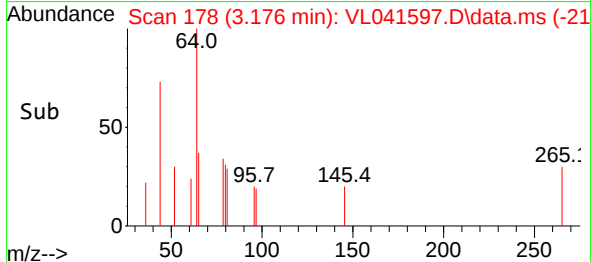
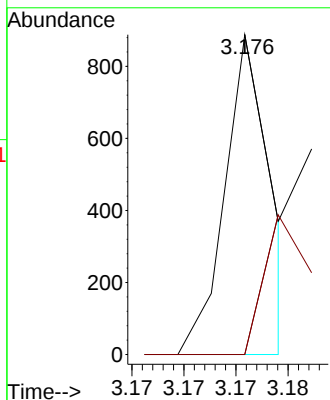
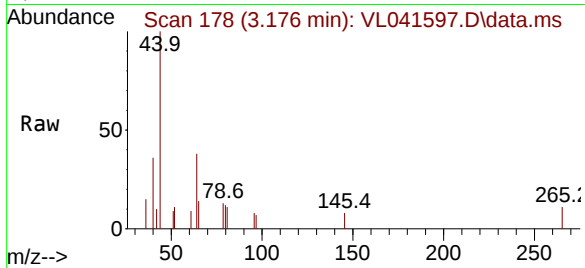




#7
Chloroethane
Concen: 0.011 ppbv
RT: 3.176 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

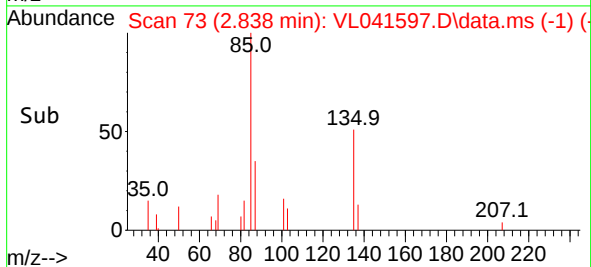
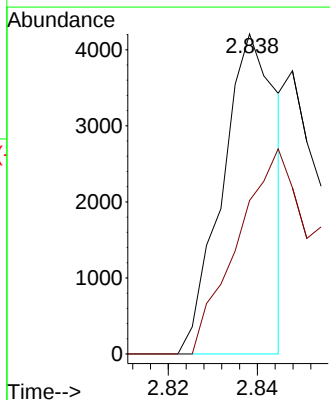
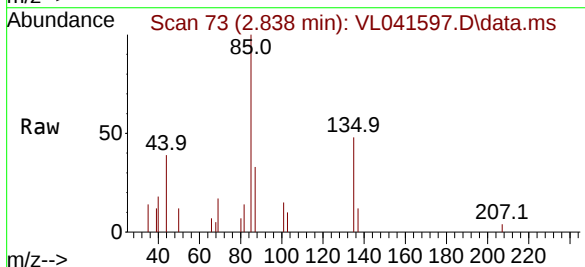
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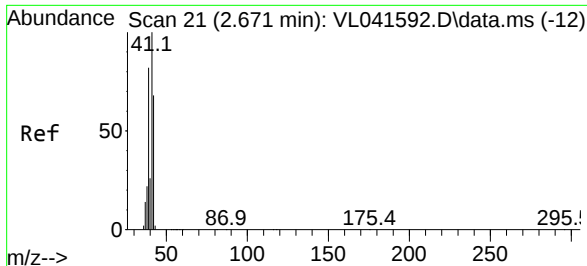
Tgt Ion: 64 Resp: 275
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#8
Dichlorotetrafluoroethane
Concen: 0.021 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 85 Resp: 3577
Ion Ratio Lower Upper
85 100
135 0.0 53.9 80.9#

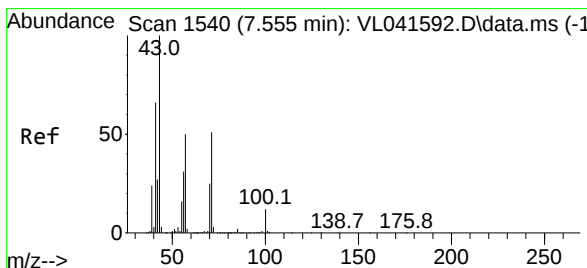
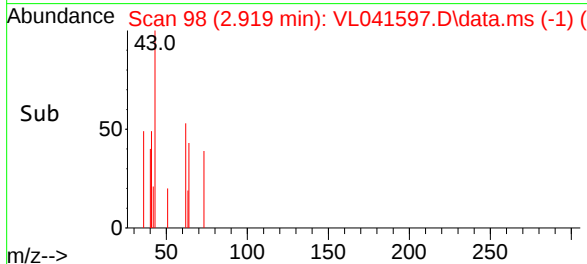
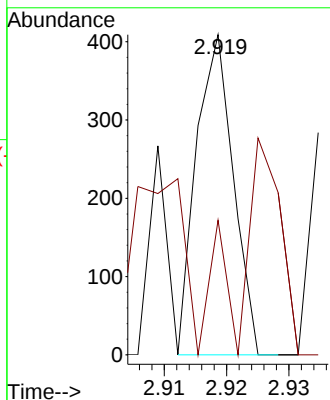
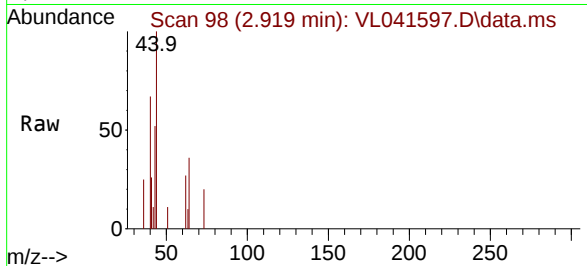




#9
 Propene
 Concen: 0.003 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. 0.248 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

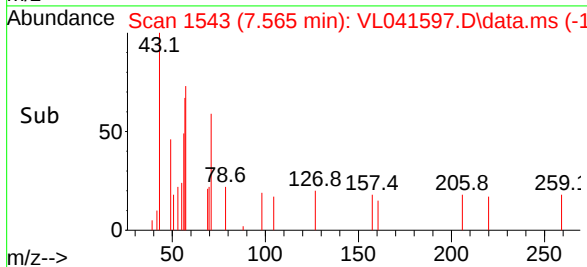
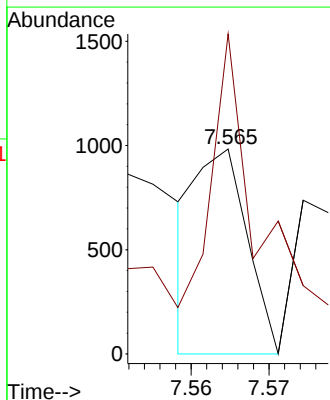
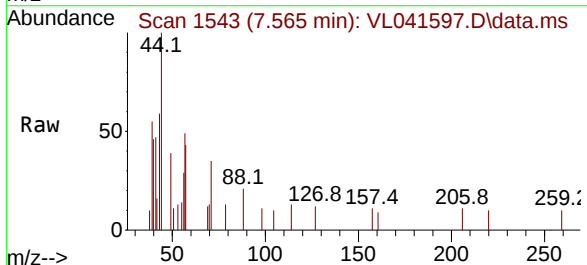
Instrument :
 MSVOA_L
 ClientSampleId :

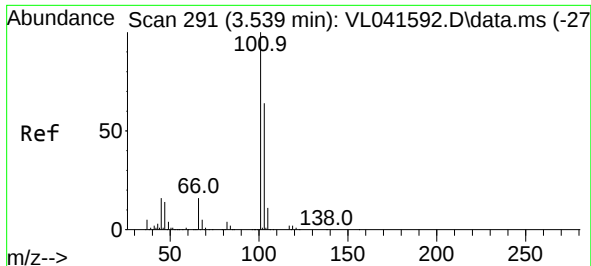
Tgt Ion: 41 Resp: 169
 Ion Ratio Lower Upper
 41 100
 42 75.1 55.2 82.8



#10
 Heptane
 Concen: 0.003 ppbv
 RT: 7.565 min Scan# 1543
 Delta R.T. 0.010 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

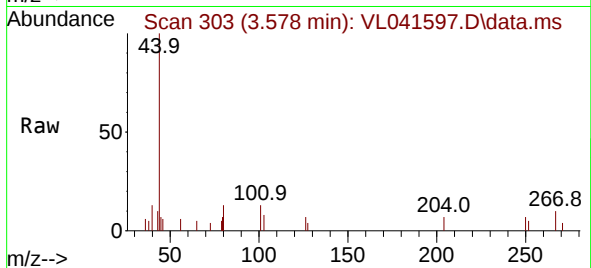
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 Ion Ratio Lower Upper
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 57 290.2 39.8 59.8#



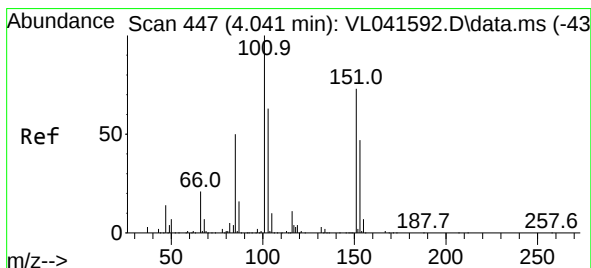
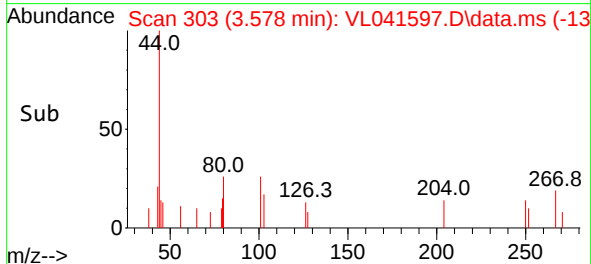
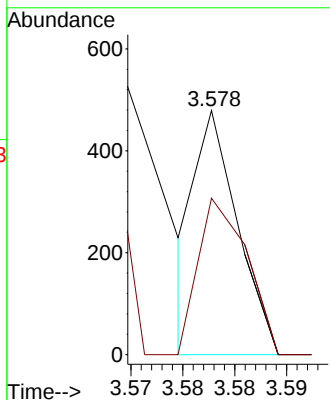


#11
 Trichlorofluoromethane
 Concen: 0.001 ppbv
 RT: 3.578 min Scan# 303
 Delta R.T. 0.039 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

Instrument :
 MSVOA_L
 ClientSampleId :

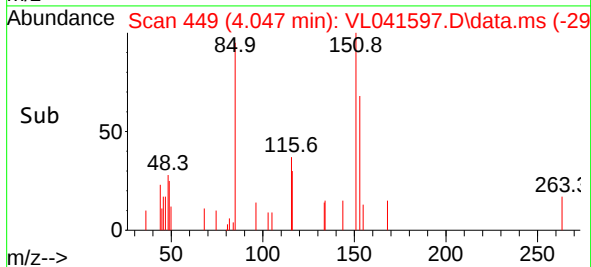
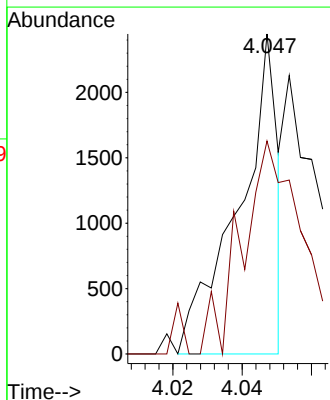
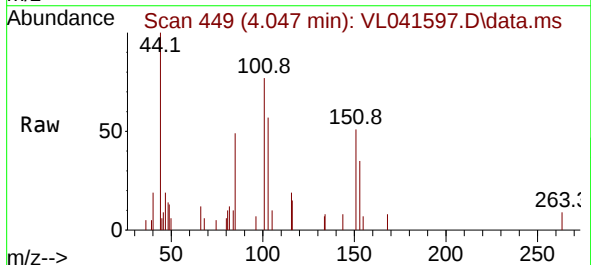


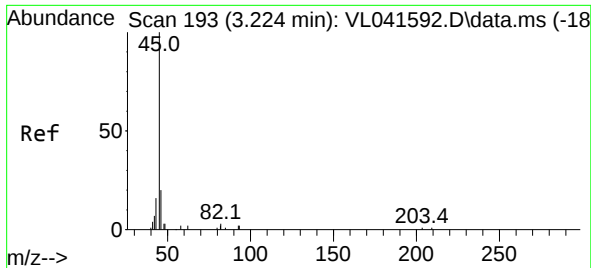
Tgt Ion:101 Resp: 130
 Ion Ratio Lower Upper
 101 100
 103 64.1 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.016 ppbv
 RT: 4.047 min Scan# 449
 Delta R.T. 0.007 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

Tgt Ion:101 Resp: 1918
 Ion Ratio Lower Upper
 101 100
 151 118.0 59.4 89.2#

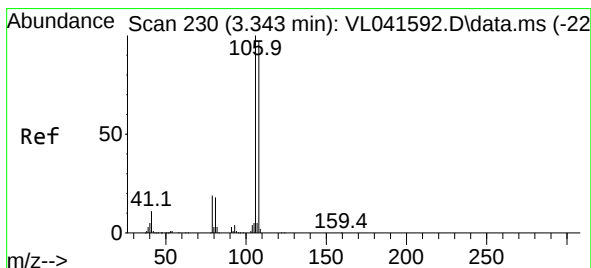
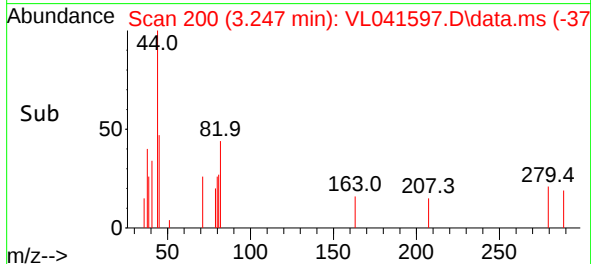
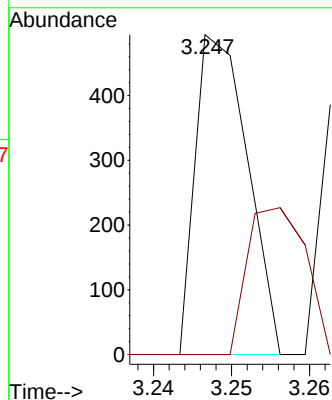
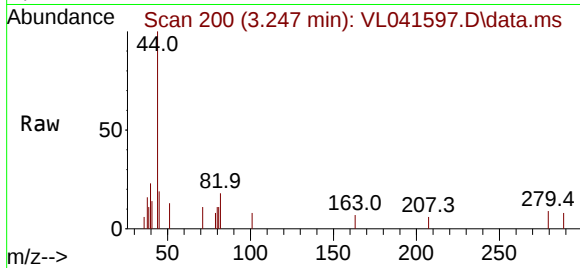




#13
 Ethanol
 Concen: 0.044 ppbv
 RT: 3.247 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

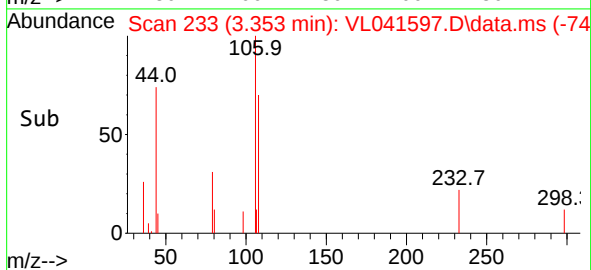
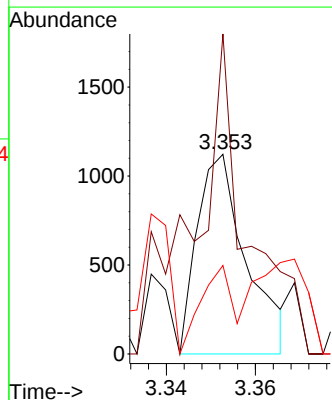
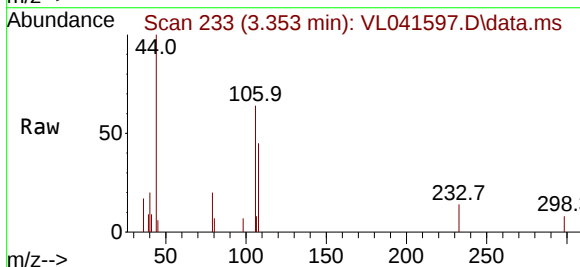
Instrument :
 MSVOA_L
 ClientSampleId :

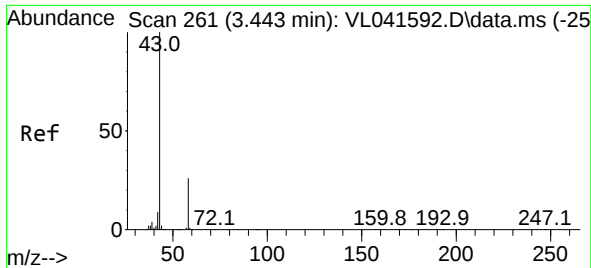
Tgt Ion: 45 Resp: 229
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.2 60.8#



#14
 Bromoethene
 Concen: 0.018 ppbv
 RT: 3.353 min Scan# 233
 Delta R.T. 0.010 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

Tgt Ion: 108 Resp: 859
 Ion Ratio Lower Upper
 108 100
 106 172.6 86.5 129.7#
 79 0.0 16.2 24.4#

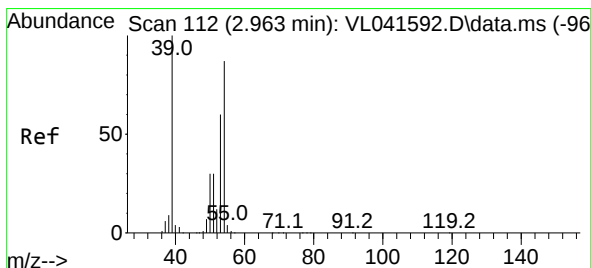
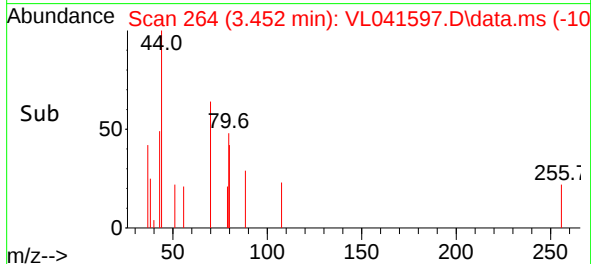
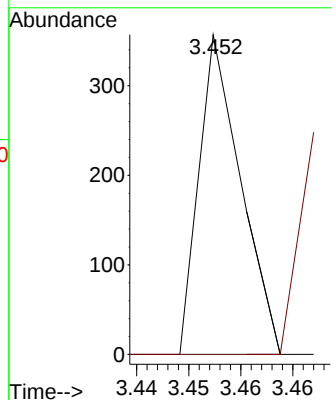
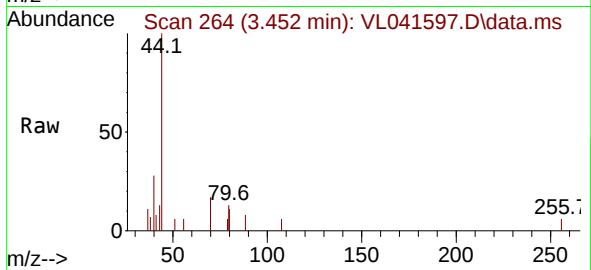




#15
Acetone
Concen: 0.001 ppbv
RT: 3.452 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

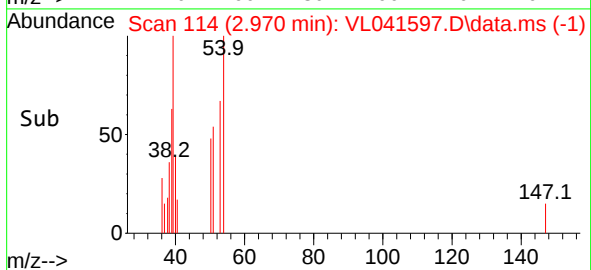
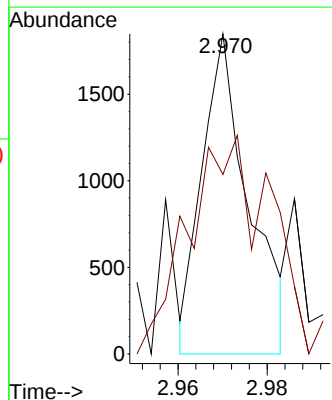
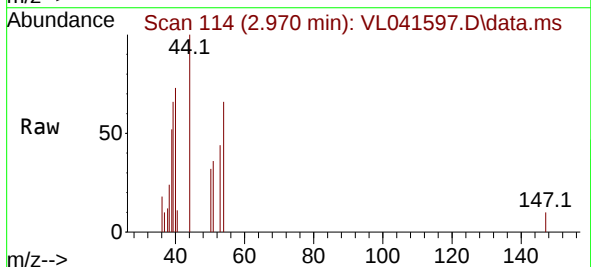
Instrument :
MSVOA_L
ClientSampleId :

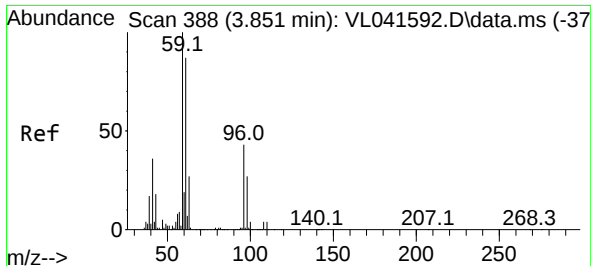
Tgt Ion: 43 Resp: 99
Ion Ratio Lower Upper
43 100
58 0.0 21.5 32.3#



#16
1,3-Butadiene
Concen: 0.020 ppbv
RT: 2.970 min Scan# 114
Delta R.T. 0.007 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 39 Resp: 1342
Ion Ratio Lower Upper
39 100
54 127.6 62.9 94.3#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.010 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

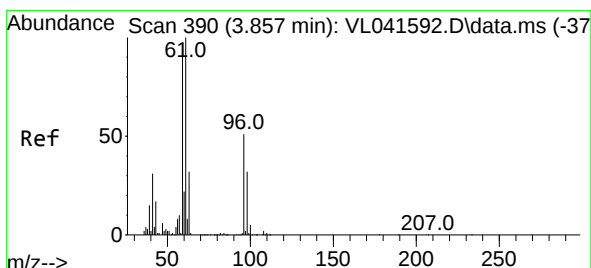
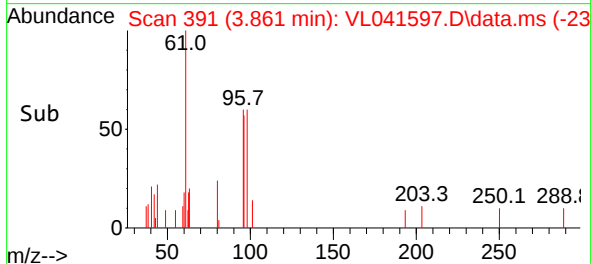
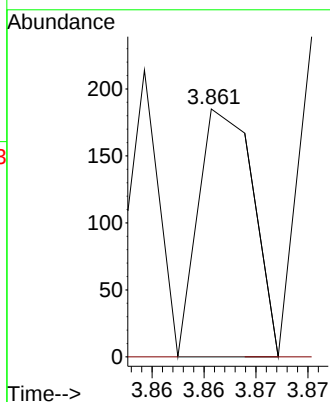
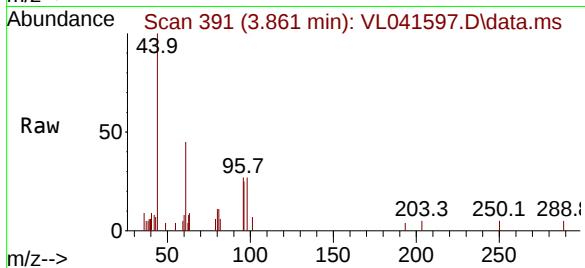
ClientSampleId :

Tgt Ion: 59 Resp: 68

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.029 ppbv

RT: 3.861 min Scan# 391

Delta R.T. 0.003 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

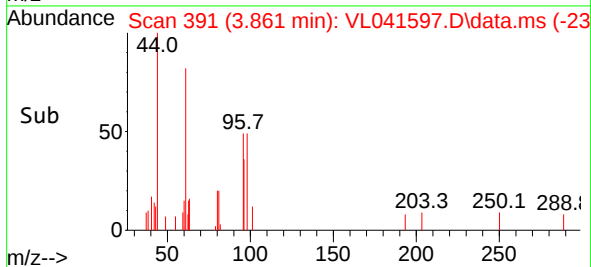
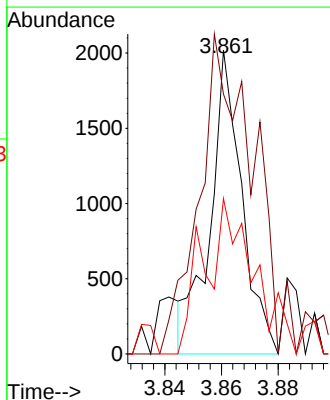
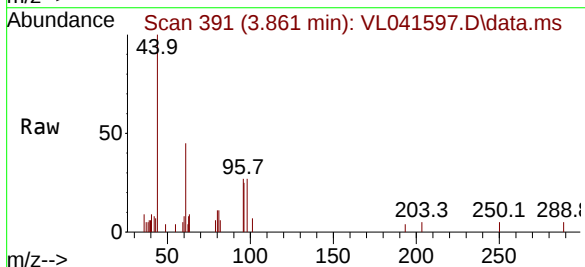
Tgt Ion: 96 Resp: 1558

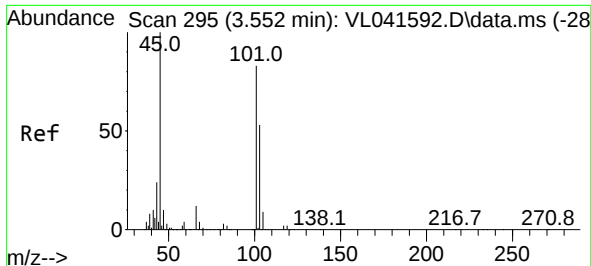
Ion Ratio Lower Upper

96 100

61 85.5 155.6 233.4#

98 51.1 50.6 75.8

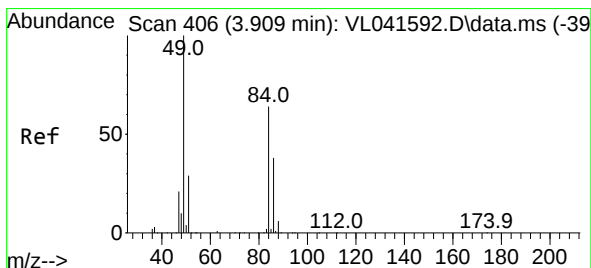
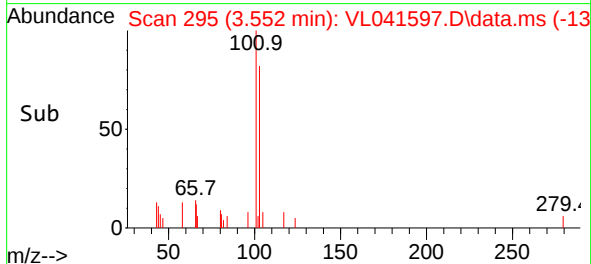
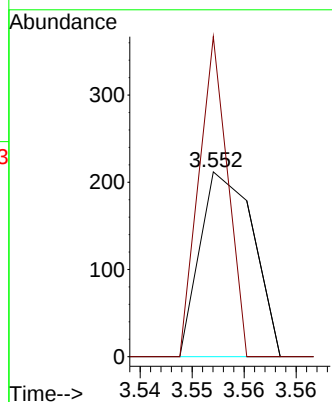
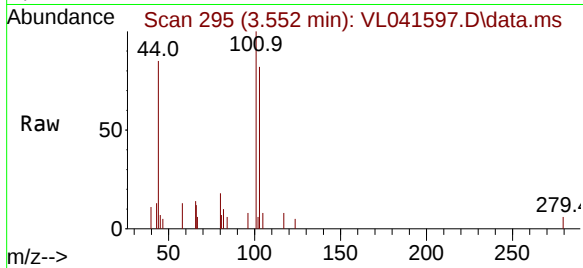




#19
Isopropyl Alcohol
Concen: 0.001 ppbv
RT: 3.552 min Scan# 295
Delta R.T. 0.000 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

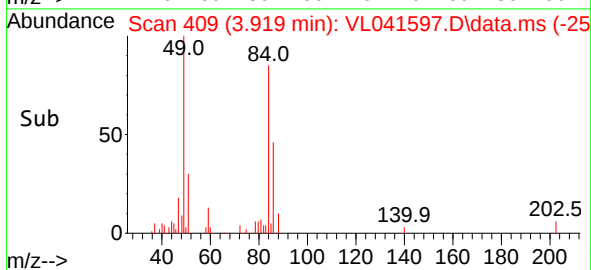
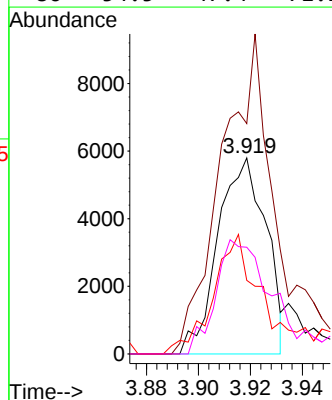
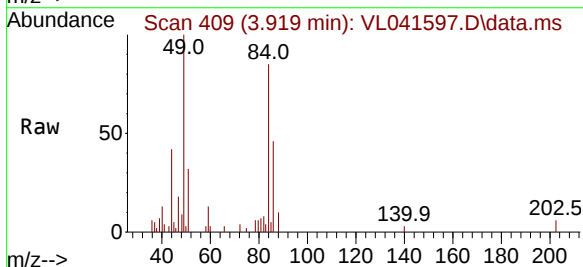
Instrument :
MSVOA_L
ClientSampleId :

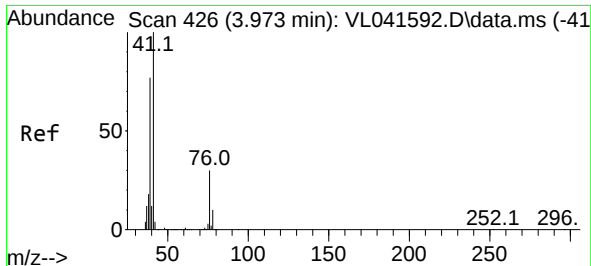
Tgt Ion: 45 Resp: 75
Ion Ratio Lower Upper
45 100
58 0.0 2.1 3.1#



#20
Methylene Chloride
Concen: 0.156 ppbv
RT: 3.919 min Scan# 409
Delta R.T. 0.010 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 84 Resp: 7440
Ion Ratio Lower Upper
84 100
49 112.1 124.3 186.5#
51 30.5 36.3 54.5#
86 54.5 47.4 71.2





#21

Allyl Chloride

Concen: 0.010 ppbv

RT: 3.973 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

ClientSampleId :

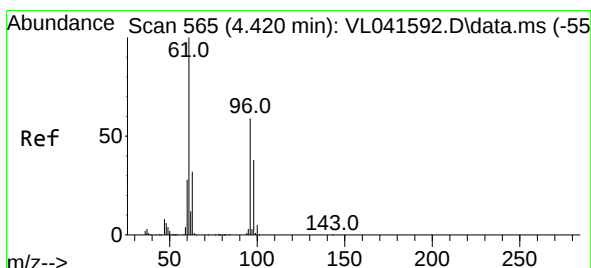
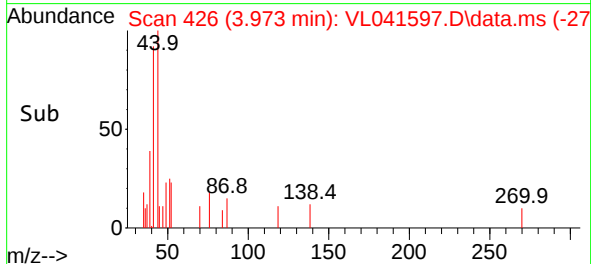
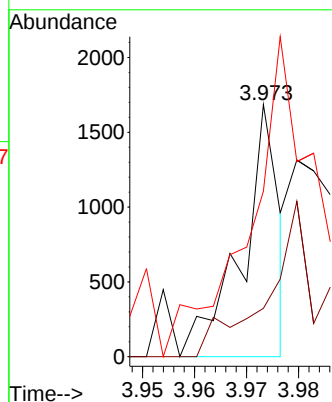
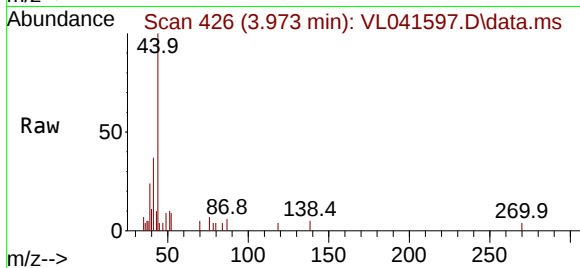
Tgt Ion: 41 Resp: 839

Ion Ratio Lower Upper

41 100

76 0.0 23.8 35.6#

39 0.0 63.9 95.9#



#22

trans-1,2-Dichloroethene

Concen: 0.028 ppbv

RT: 4.427 min Scan# 567

Delta R.T. 0.007 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

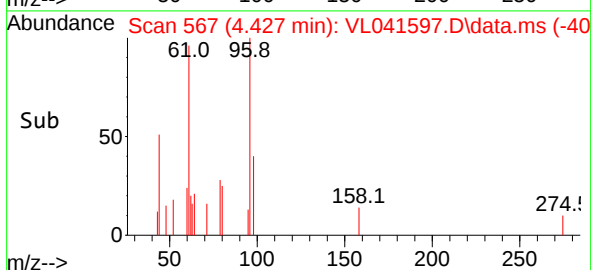
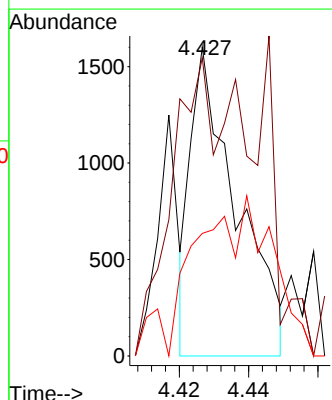
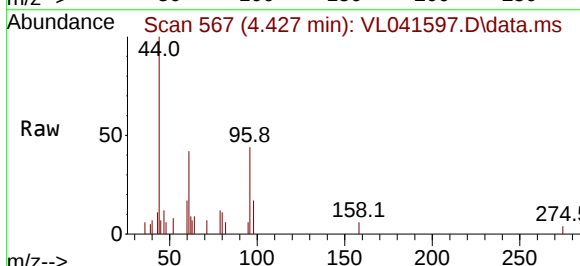
Tgt Ion: 96 Resp: 1478

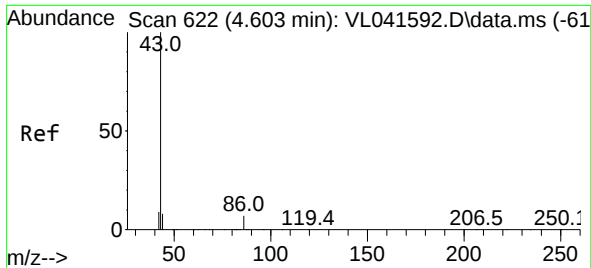
Ion Ratio Lower Upper

96 100

61 103.1 135.7 203.5#

98 15.4 50.9 76.3#

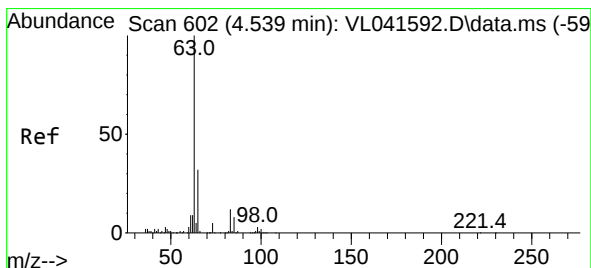
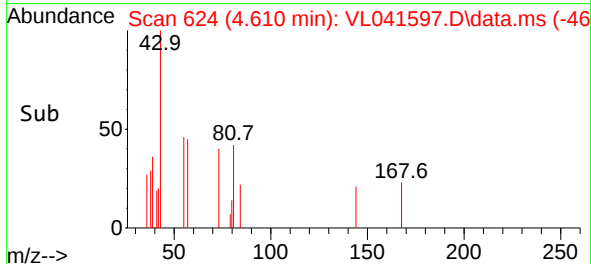
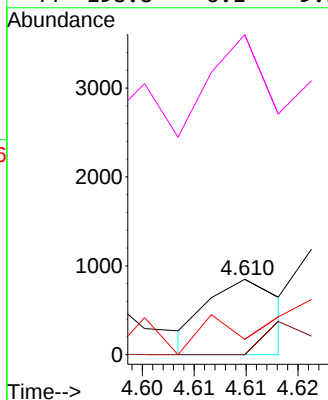
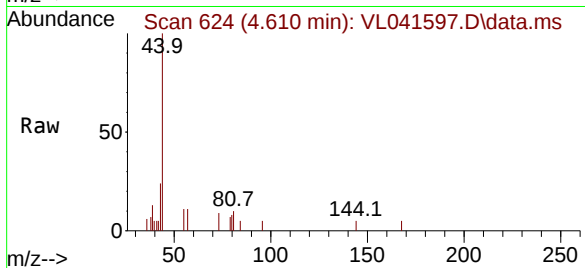




#23
 Vinyl Acetate
 Concen: 0.004 ppbv
 RT: 4.610 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

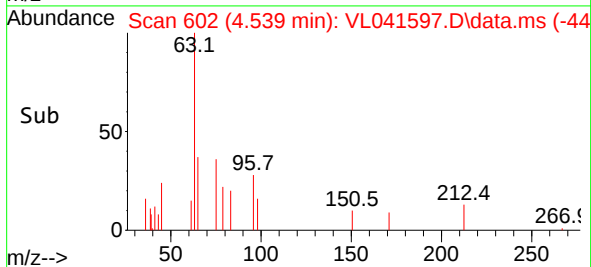
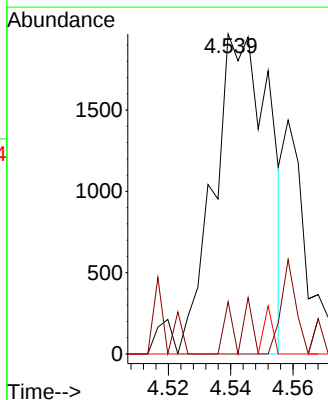
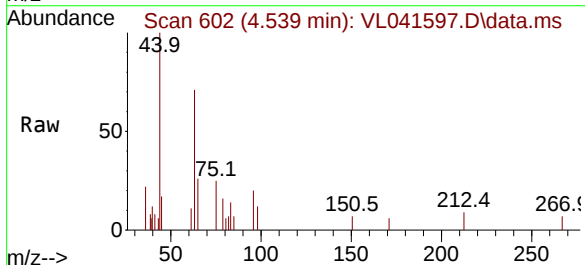
Instrument :
 MSVOA_L
 ClientSampleId :

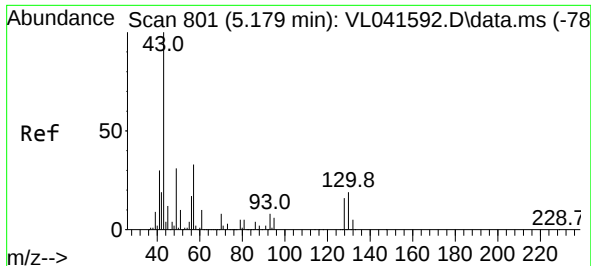
Tgt Ion: 43	Resp: 412
Ion Ratio	Lower Upper
43 100	
86 0.0	4.9 7.3#
42 0.0	8.0 12.0#
44 198.8	6.1 9.1#



#24
 1,1-Dichloroethane
 Concen: 0.021 ppbv
 RT: 4.539 min Scan# 602
 Delta R.T. 0.000 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

Tgt Ion: 63	Resp:	2436	
Ion Ratio	Lower	Upper	
63 100			
98 6.7	1.7	5.1#	
100 0.0	1.1	3.3#	

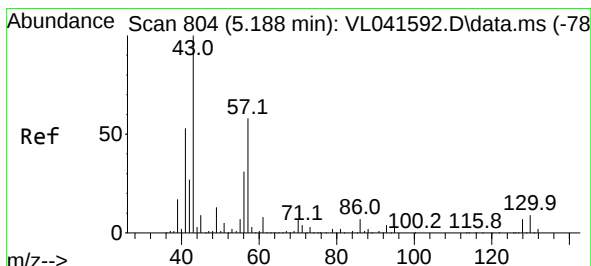
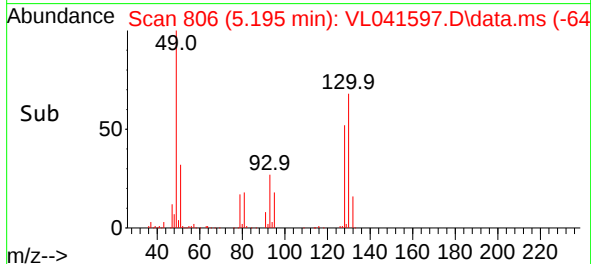
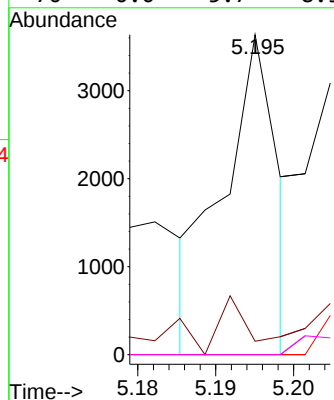
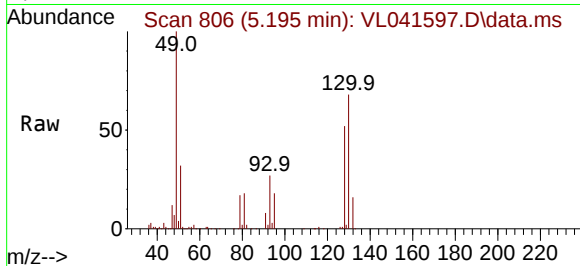




#25
Ethyl Acetate
Concen: 0.007 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.016 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

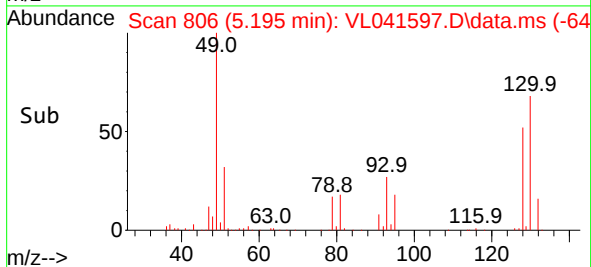
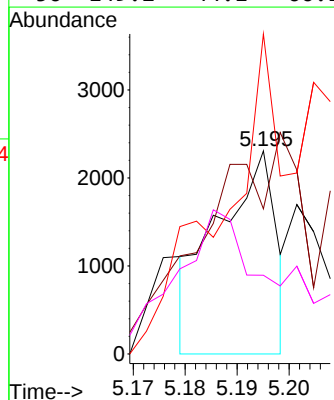
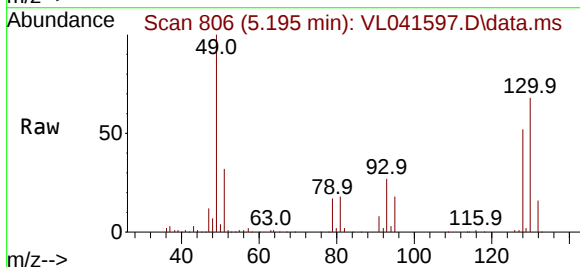
Instrument :
MSVOA_L
ClientSampleId :

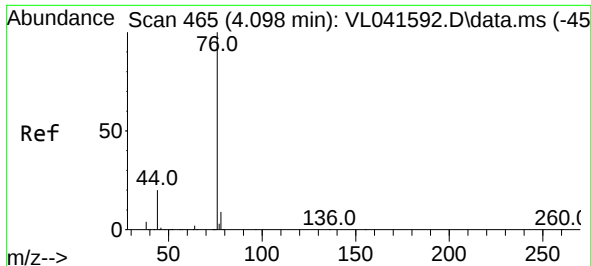
Tgt Ion:	43	Resp:	1762
Ion	Ratio	Lower	Upper
43	100		
45	70.1	8.2	12.2#
61	0.0	8.0	12.0#
70	0.0	5.7	8.5#



#26
Hexane
Concen: 0.017 ppbv
RT: 5.195 min Scan# 806
Delta R.T. 0.007 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion:	57	Resp:	1816
Ion	Ratio	Lower	Upper
57	100		
41	0.0	75.7	113.5#
43	419.5	198.5	297.7#
56	149.2	44.1	66.1#





#27

Carbon Disulfide

Concen: 0.015 ppbv

RT: 4.105 min Scan# 4

Delta R.T. 0.007 min

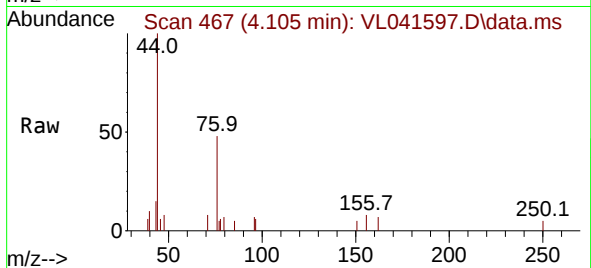
Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

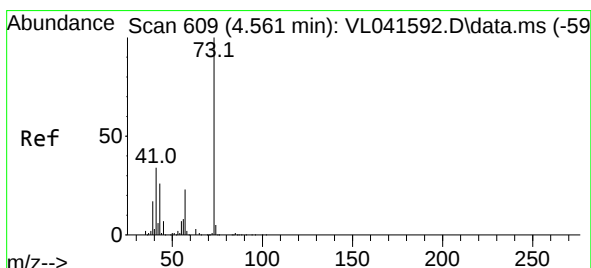
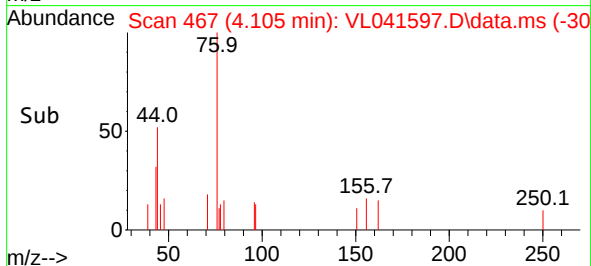
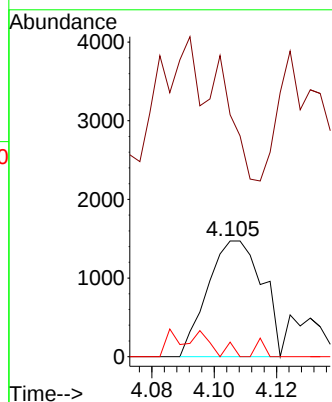
Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion: 76	Resp: 1789
Ion Ratio	Lower Upper
76	100
44	128.7 15.8 23.8#
78	14.8 7.5 11.3#



#28

Methyl tert-Butyl Ether

Concen: 0.008 ppbv

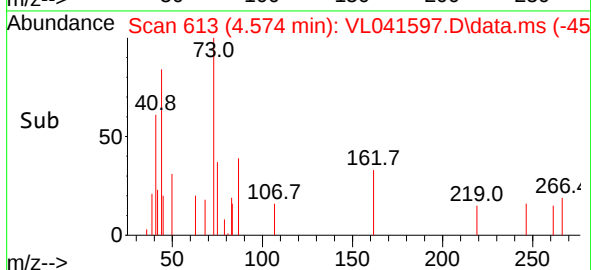
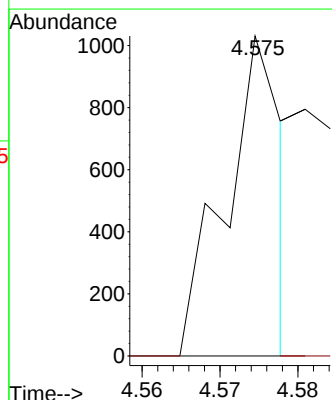
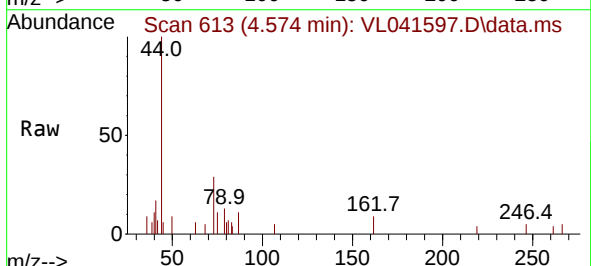
RT: 4.574 min Scan# 613

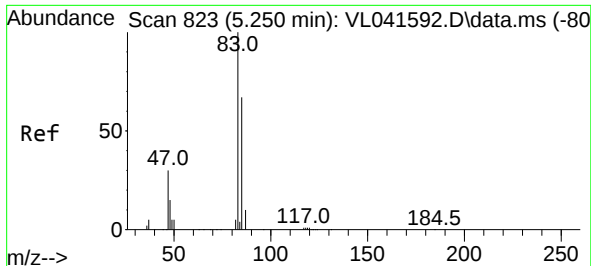
Delta R.T. 0.013 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Tgt Ion: 73	Resp: 520
Ion Ratio	Lower Upper
73	100
57	0.0 19.3 28.9#





#29

Chloroform

Concen: 0.009 ppbv

RT: 5.259 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

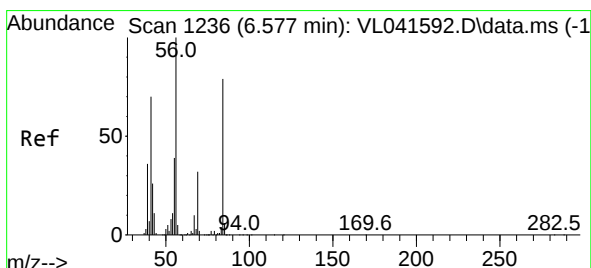
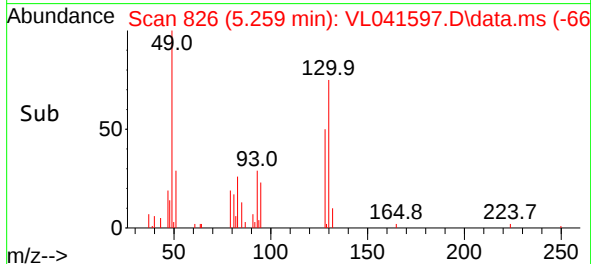
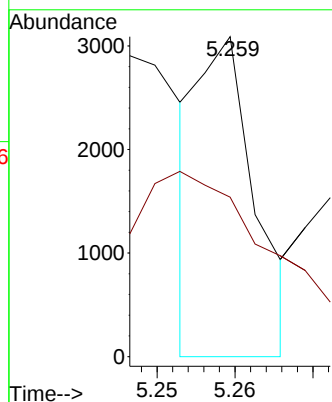
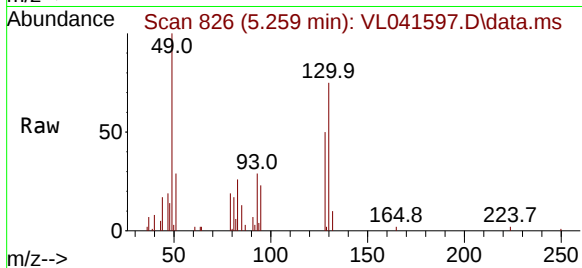
ClientSampleId :

Tgt Ion: 83 Resp: 1568

Ion Ratio Lower Upper

83 100

85 26.3 53.8 80.6#



#30

Cyclohexane

Concen: 0.003 ppbv

RT: 6.581 min Scan# 1237

Delta R.T. 0.003 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

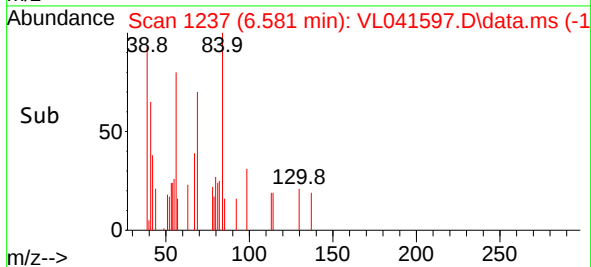
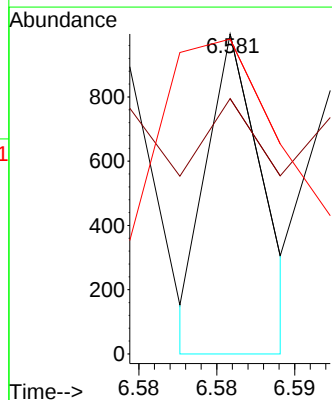
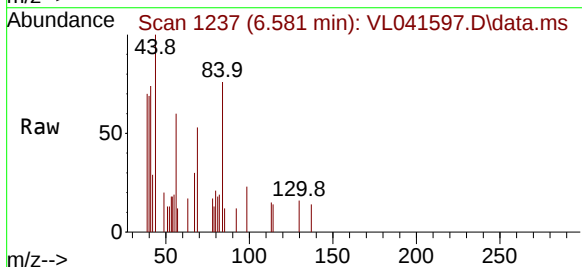
Tgt Ion: 84 Resp: 251

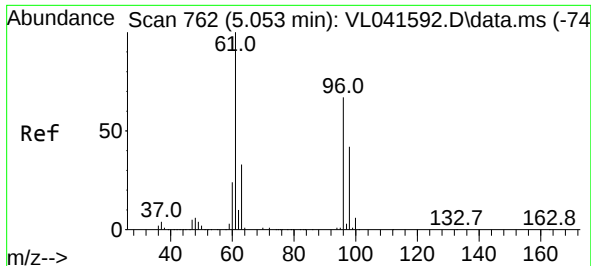
Ion Ratio Lower Upper

84 100

56 0.0 111.5 167.3#

41 575.3 70.9 106.3#

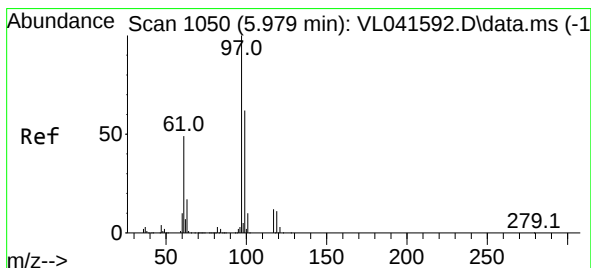
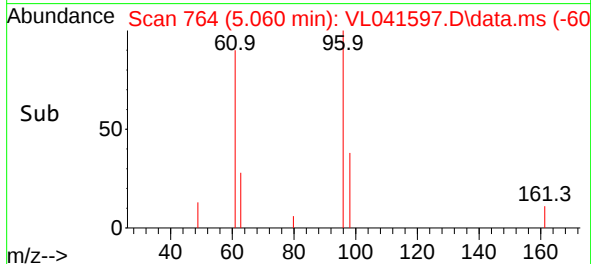
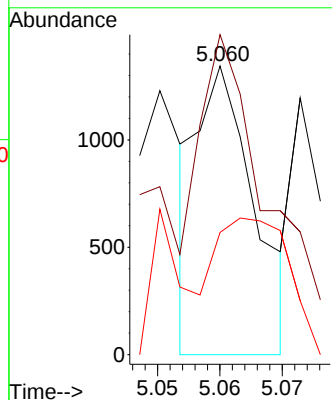
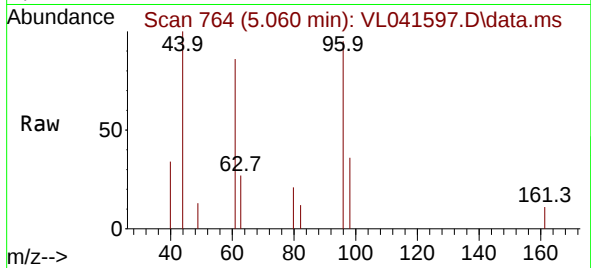




#31
 cis-1,2-Dichloroethene
 Concen: 0.008 ppbv
 RT: 5.060 min Scan# 764
 Delta R.T. 0.007 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

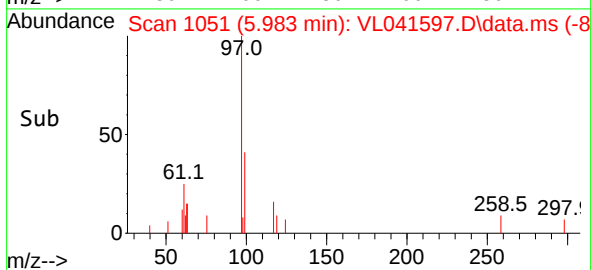
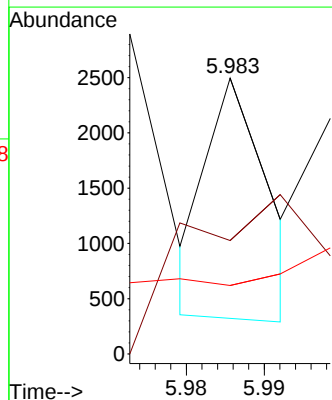
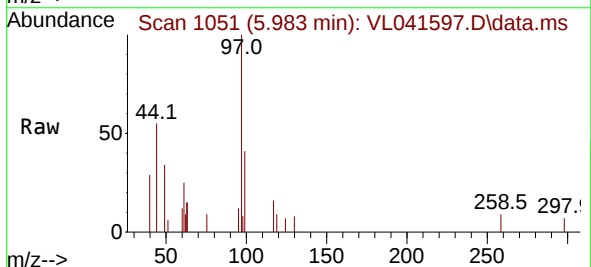
Instrument :
 MSVOA_L
 ClientSampleId :

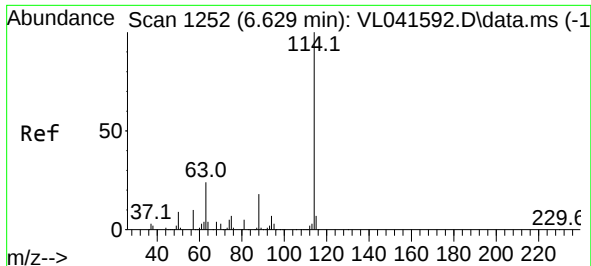
Tgt Ion: 61 Resp: 851
 Ion Ratio Lower Upper
 61 100
 96 118.4 53.5 80.3#
 98 29.4 33.7 50.5#



#32
 1,1,1-Trichloroethane
 Concen: 0.004 ppbv
 RT: 5.983 min Scan# 1051
 Delta R.T. 0.003 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

Tgt Ion: 97 Resp: 593
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.0 76.4#
 61 0.0 41.0 61.6#





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 114

Delta R.T. 0.003 min

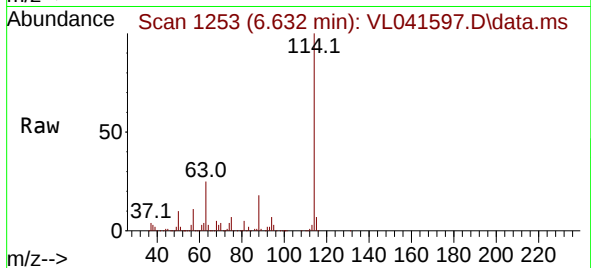
Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

ClientSampleId :



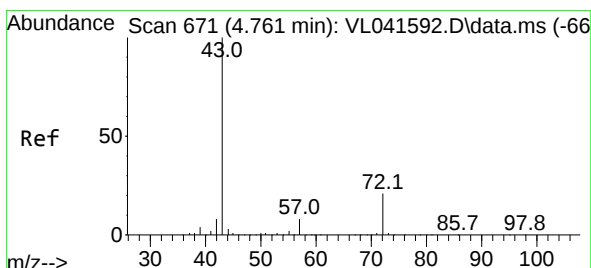
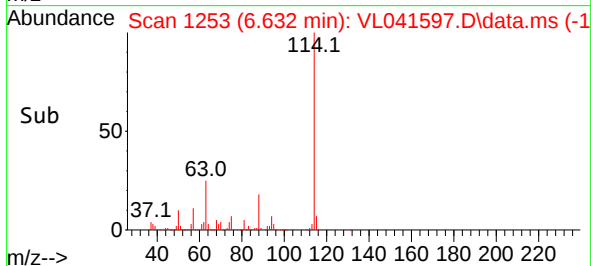
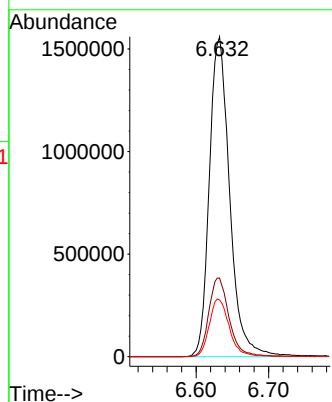
Tgt Ion:114 Resp: 3030679

Ion Ratio Lower Upper

114 100

63 24.8 20.2 30.2

88 18.0 14.2 21.4



#34

2-Butanone

Concen: 0.002 ppbv

RT: 4.771 min Scan# 674

Delta R.T. 0.010 min

Lab File: VL041597.D

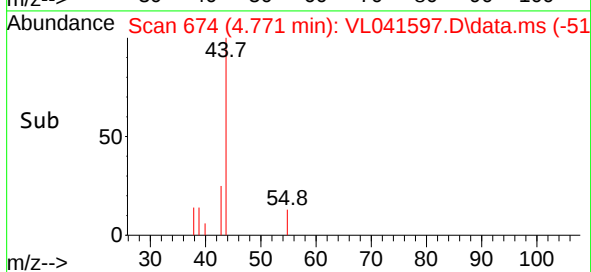
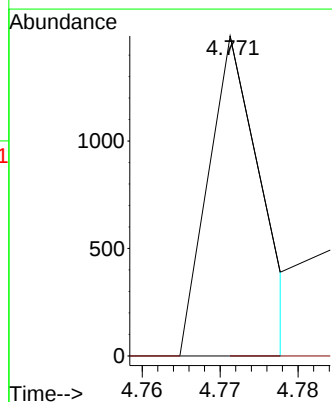
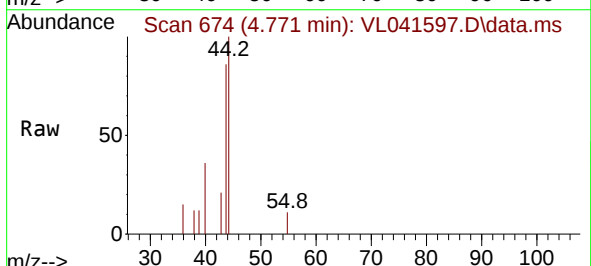
Acq: 16 Sep 2024 16:38

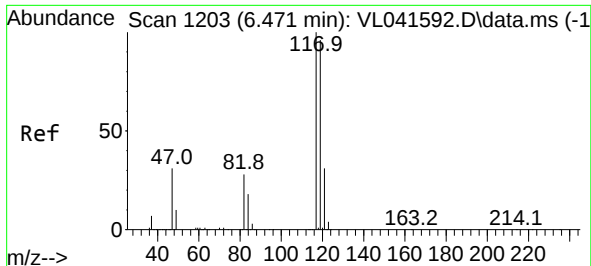
Tgt Ion: 43 Resp: 362

Ion Ratio Lower Upper

43 100

72 0.0 16.8 25.2#

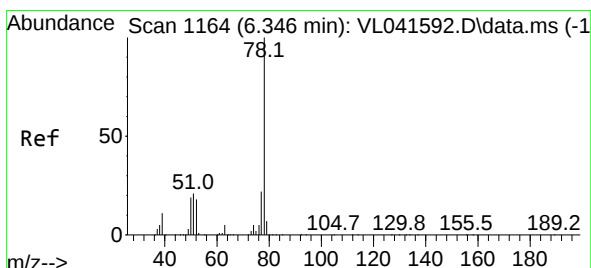
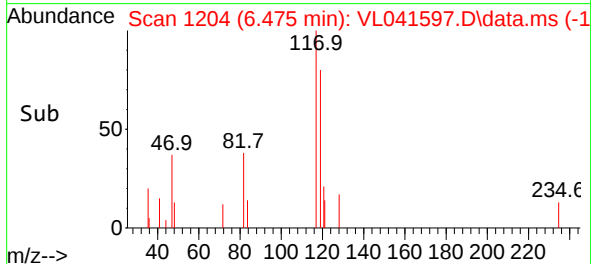
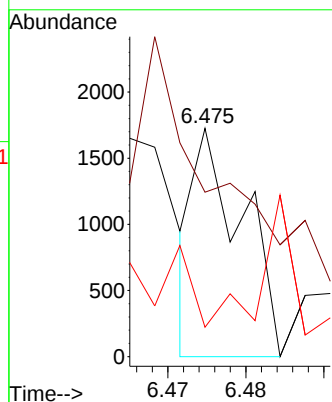
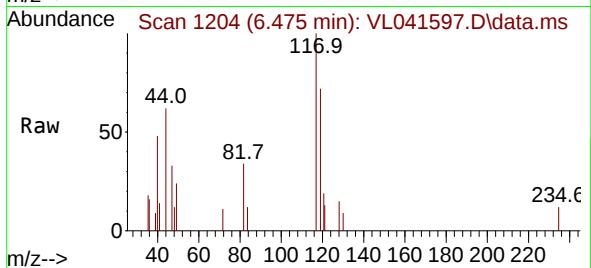




#35
Carbon Tetrachloride
Concen: 0.004 ppbv
RT: 6.475 min Scan# 1166
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

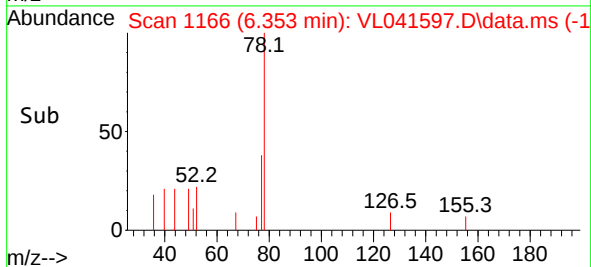
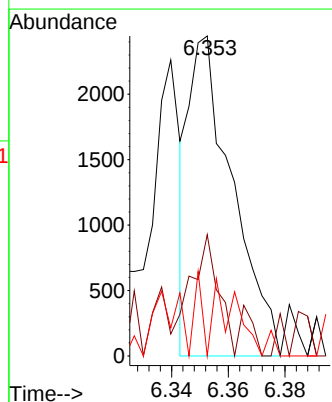
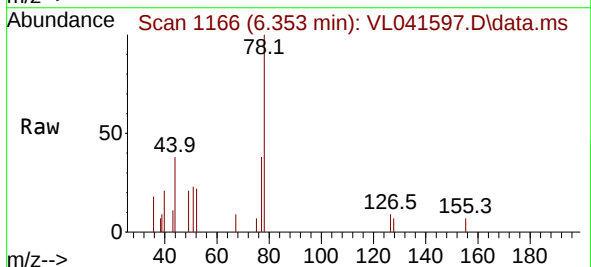
Instrument :
MSVOA_L
ClientSampleId :

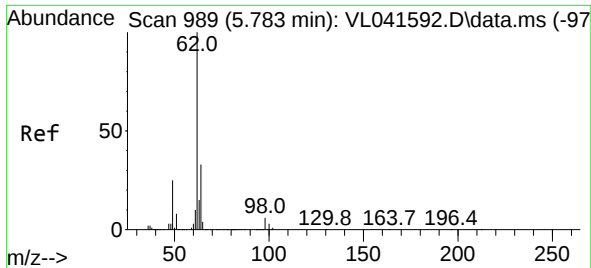
Tgt Ion:117 Resp: 740
Ion Ratio Lower Upper
117 100
119 23.1 76.8 115.2#
121 0.0 25.0 37.6#



#36
Benzene
Concen: 0.012 ppbv
RT: 6.353 min Scan# 1166
Delta R.T. 0.007 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 78 Resp: 2624
Ion Ratio Lower Upper
78 100
77 24.9 17.8 26.6
50 0.0 15.4 23.0#

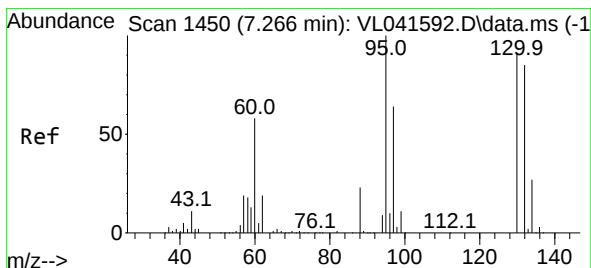
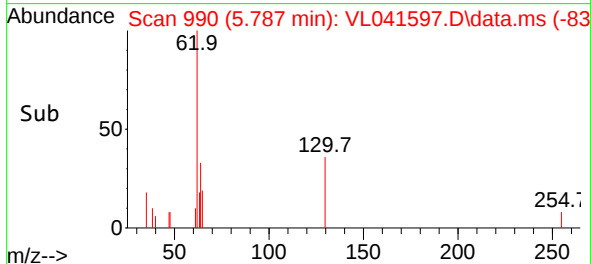
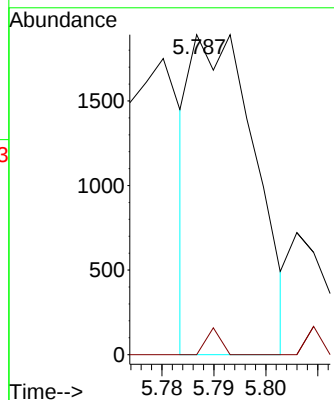
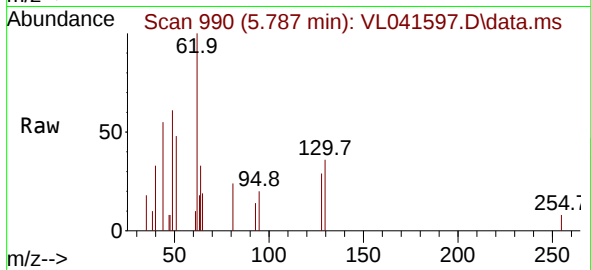




#37
1,2-Dichloroethane
Concen: 0.013 ppbv
RT: 5.787 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

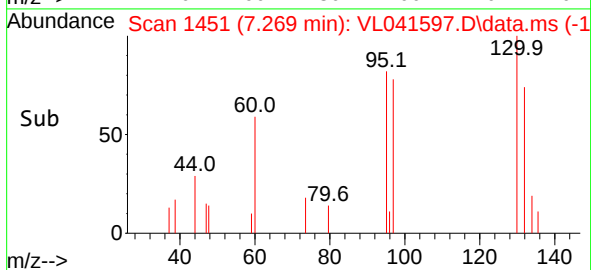
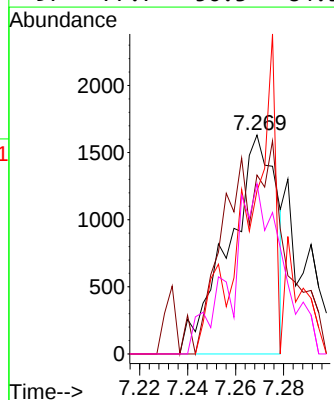
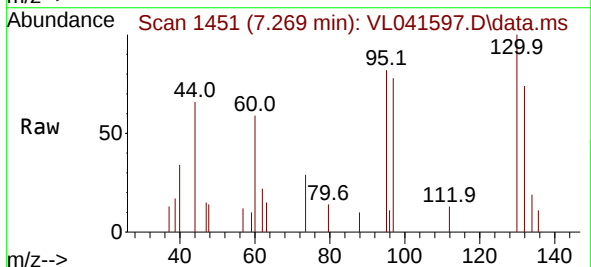
Instrument :
MSVOA_L
ClientSampleId :

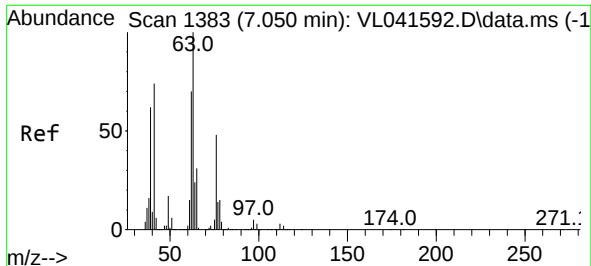
Tgt Ion: 62 Resp: 1611
Ion Ratio Lower Upper
62 100
98 0.0 4.8 7.2#



#38
Trichloroethene
Concen: 0.022 ppbv
RT: 7.269 min Scan# 1451
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion:130 Resp: 2247
Ion Ratio Lower Upper
130 100
95 81.7 87.7 131.5#
132 74.4 74.5 111.7#
97 77.7 56.3 84.5





#39

1,2-Dichloropropane

Concen: 8.631 ppbv

RT: 6.632 min Scan# 11

Delta R.T. -0.418 min

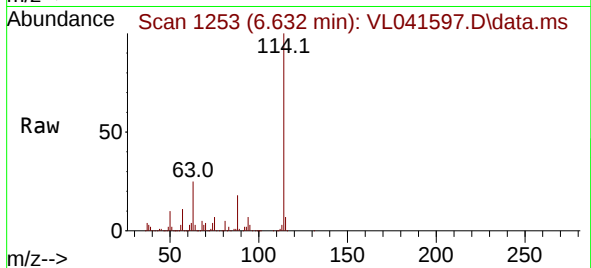
Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

ClientSampleId :



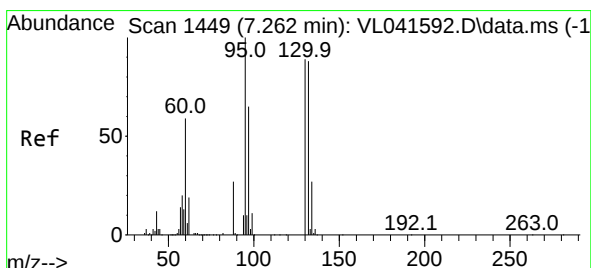
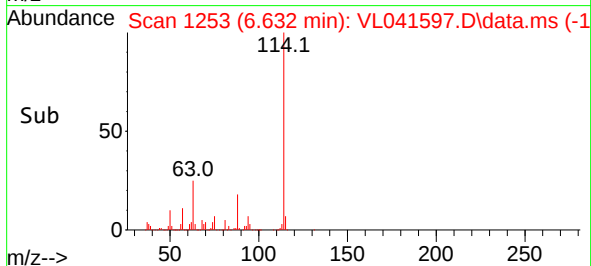
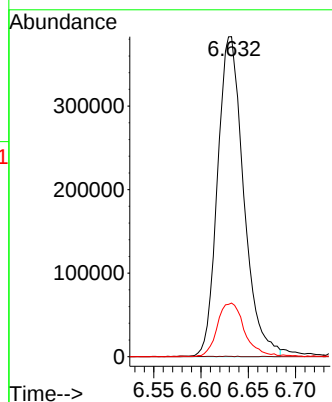
Tgt Ion: 63 Resp: 736512

Ion Ratio Lower Upper

63 100

41 0.1 59.5 89.3#

62 16.7 56.2 84.2#



#40

1,4-Dioxane

Concen: 0.002 ppbv

RT: 7.272 min Scan# 1452

Delta R.T. 0.010 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Tgt Ion: 88 Resp: 68

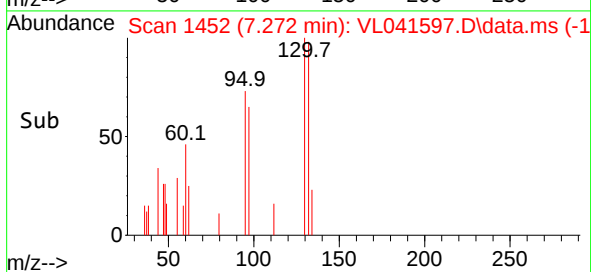
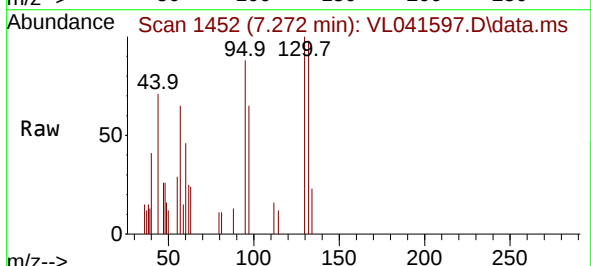
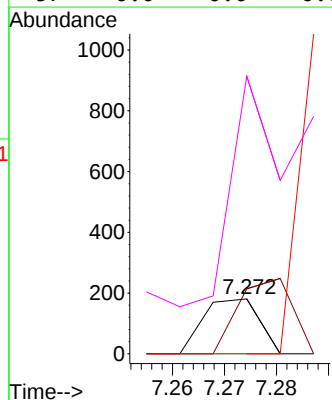
Ion Ratio Lower Upper

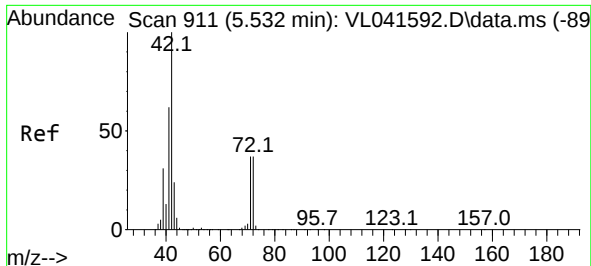
88 100

58 0.0 100.2 150.4#

43 855.9 0.0 0.0#

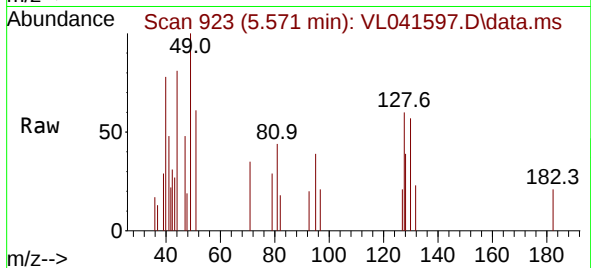
57 0.0 0.0 0.0



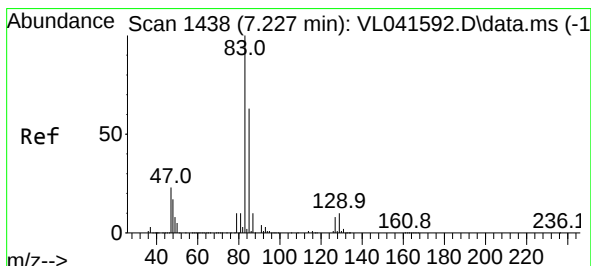
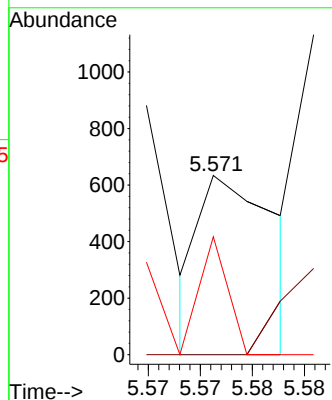
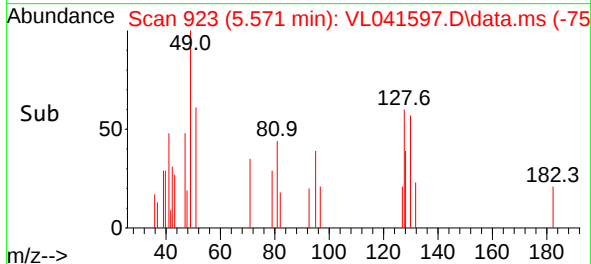


#41
Tetrahydrofuran
Concen: 0.004 ppbv
RT: 5.571 min Scan# 911
Delta R.T. 0.039 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Instrument :
MSVOA_L
ClientSampleId :

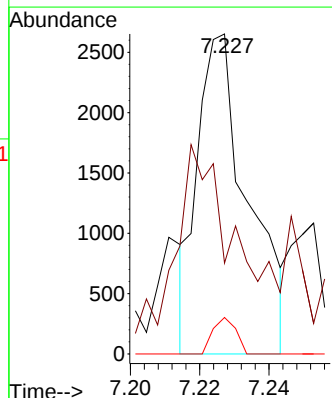
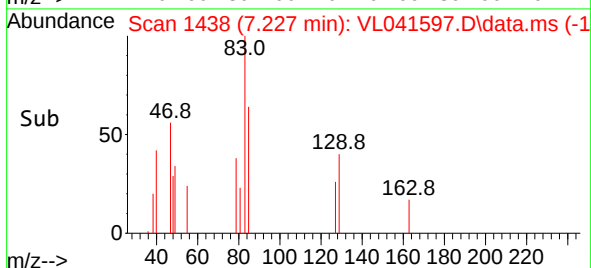
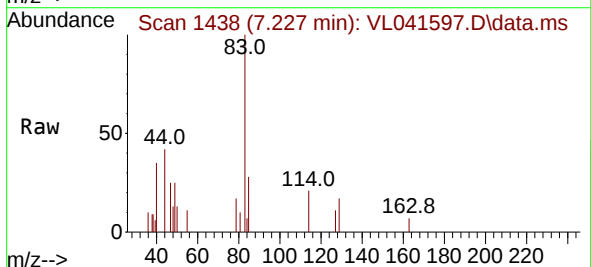


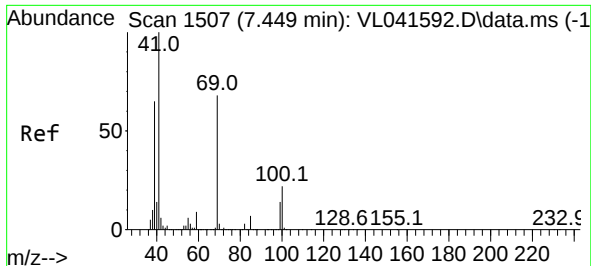
Tgt Ion: 42 Resp: 321
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.2#
71 92.5 29.6 44.4#



#42
Bromodichloromethane
Concen: 0.015 ppbv
RT: 7.227 min Scan# 1438
Delta R.T. 0.000 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 83 Resp: 2679
Ion Ratio Lower Upper
83 100
85 12.6 50.5 75.7#
127 15.6 6.5 9.7#

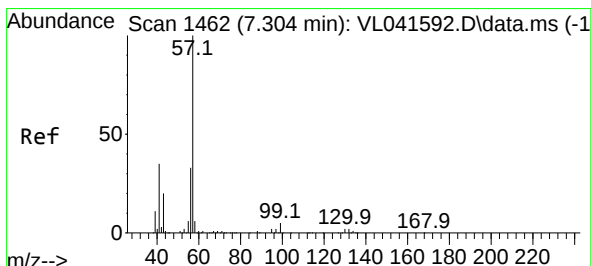
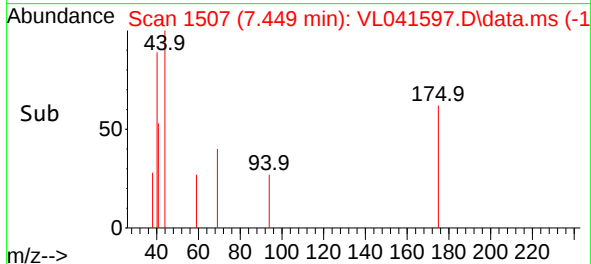
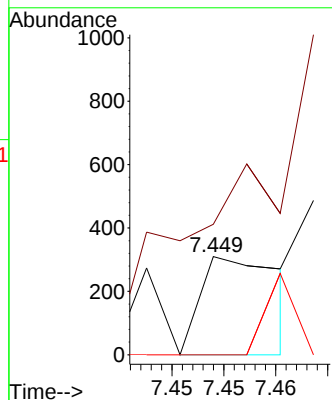
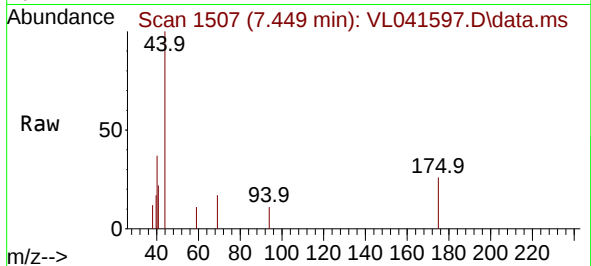




#43
Methyl Methacrylate
Concen: 0.002 ppbv
RT: 7.449 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

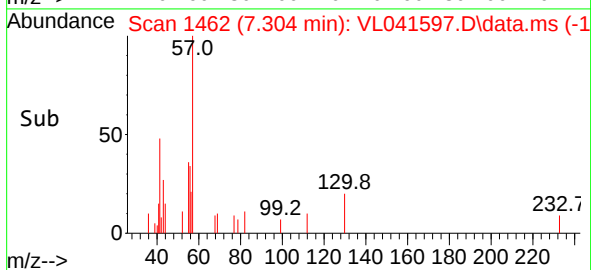
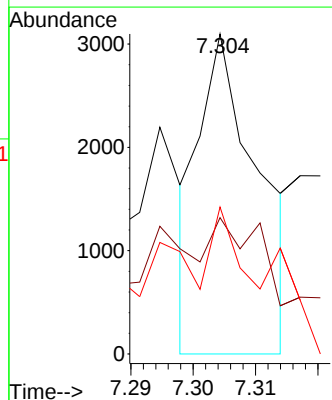
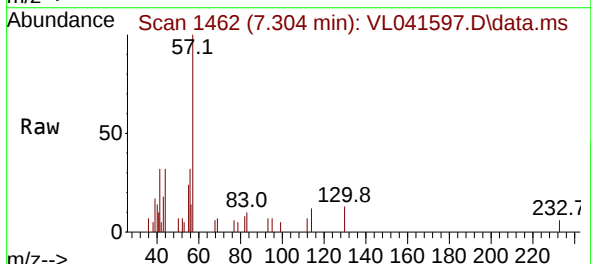
Instrument :
MSVOA_L
ClientSampleId :

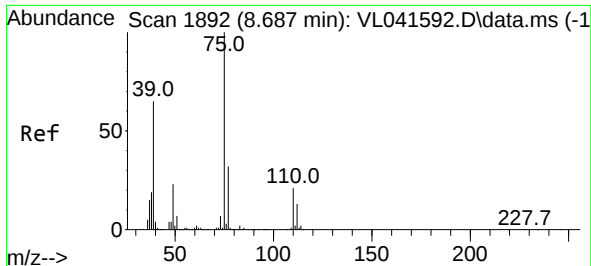
Tgt Ion: 69 Resp: 166
Ion Ratio Lower Upper
69 100
41 0.0 121.8 182.6#
100 0.0 26.5 39.7#



#44
2,2,4-Trimethylpentane
Concen: 0.005 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 57 Resp: 2036
Ion Ratio Lower Upper
57 100
41 130.3 27.0 40.6#
56 98.1 25.5 38.3#

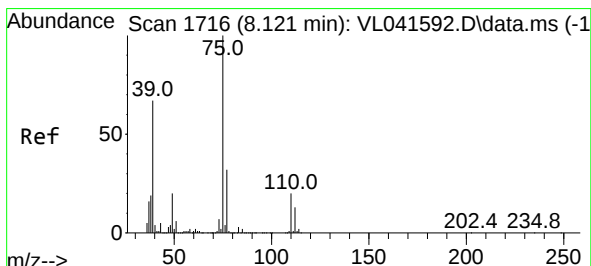
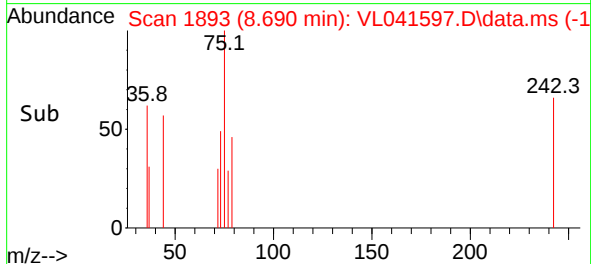
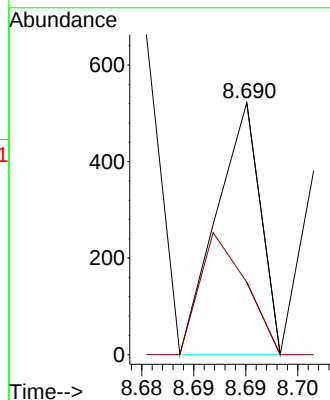
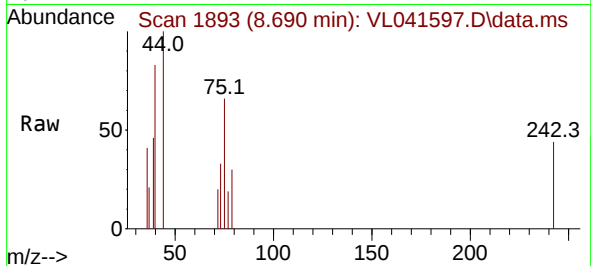




#45
 t-1,3-Dichloropropene
 Concen: 0.002 ppbv
 RT: 8.690 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

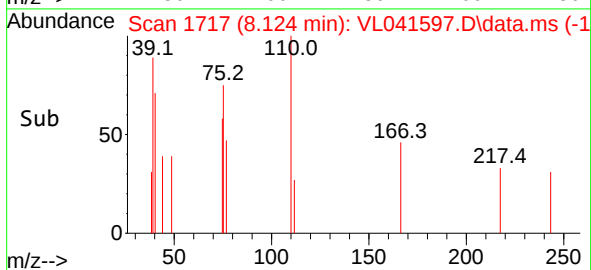
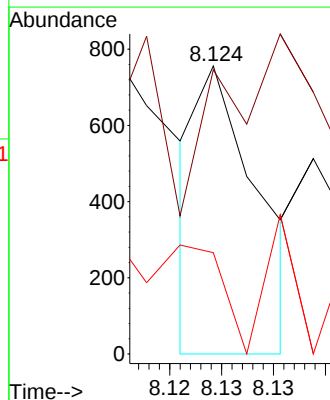
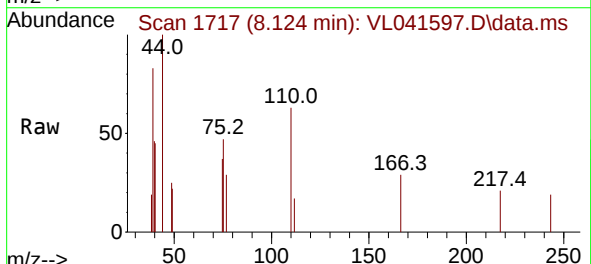
Instrument :
 MSVOA_L
 ClientSampleId :

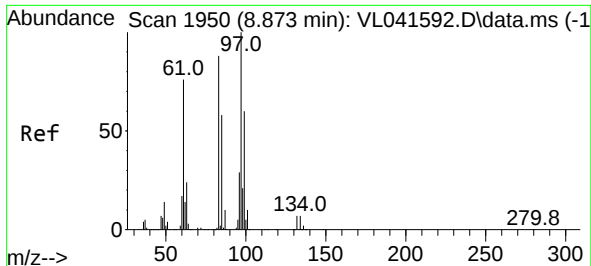
Tgt Ion: 75 Resp: 153
 Ion Ratio Lower Upper
 75 100
 77 28.7 25.4 38.0



#46
 cis-1,3-Dichloropropene
 Concen: 0.003 ppbv
 RT: 8.124 min Scan# 1717
 Delta R.T. 0.003 min
 Lab File: VL041597.D
 Acq: 16 Sep 2024 16:38

Tgt Ion: 75 Resp: 304
 Ion Ratio Lower Upper
 75 100
 39 95.0 54.0 81.0#
 77 0.0 25.2 37.8#





#47

1,1,2-Trichloroethane

Concen: 0.009 ppbv

RT: 8.873 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 805

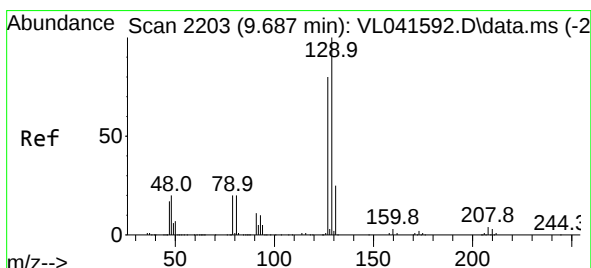
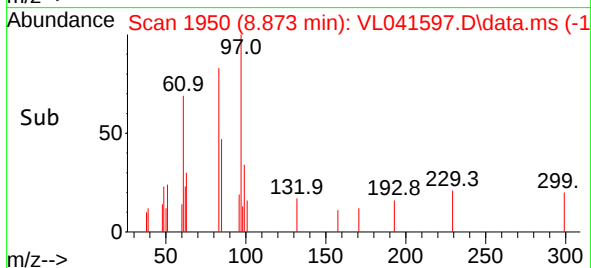
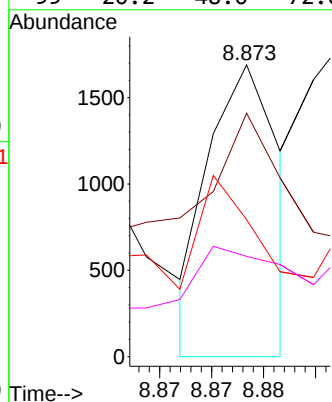
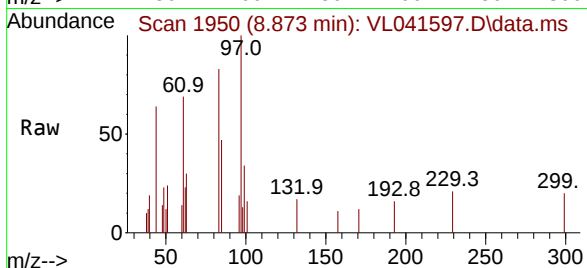
Ion Ratio Lower Upper

97 100

83 48.8 70.2 105.4#

85 32.5 46.3 69.5#

99 20.2 48.0 72.0#



#48

Dibromochloromethane

Concen: 0.006 ppbv

RT: 9.693 min Scan# 2205

Delta R.T. 0.007 min

Lab File: VL041597.D

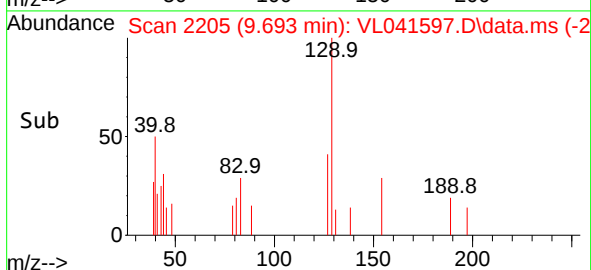
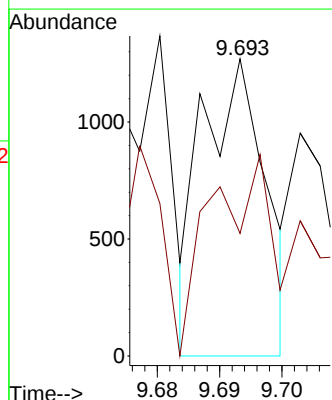
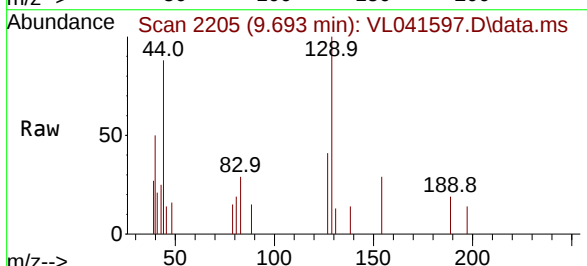
Acq: 16 Sep 2024 16:38

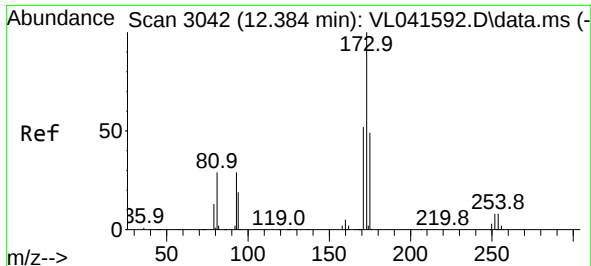
Tgt Ion: 129 Resp: 891

Ion Ratio Lower Upper

129 100

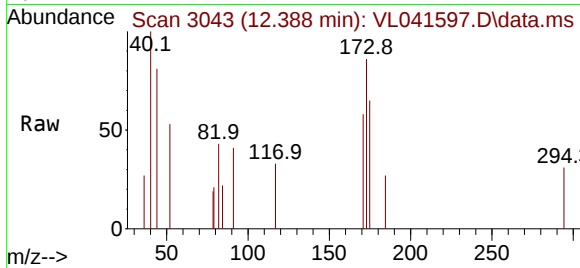
127 136.1 39.3 117.9#



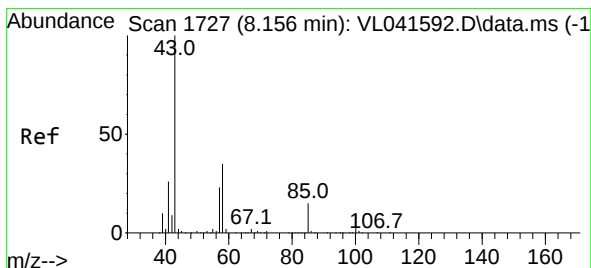
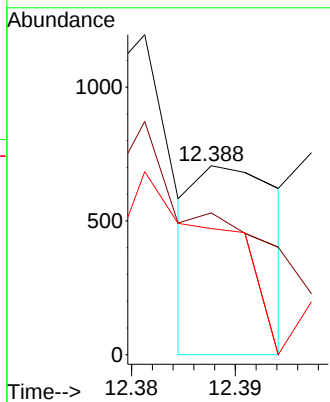
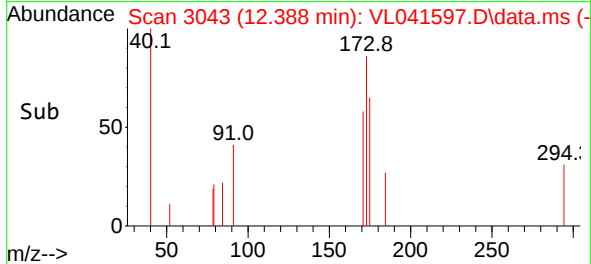


#49
Bromoform
Concen: 0.003 ppbv
RT: 12.388 min Scan# 3042
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Instrument :
MSVOA_L
ClientSampleId :

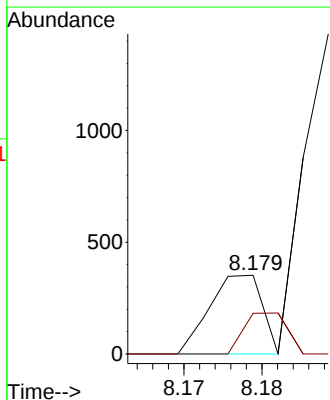
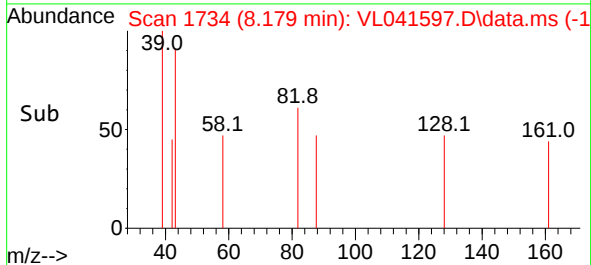
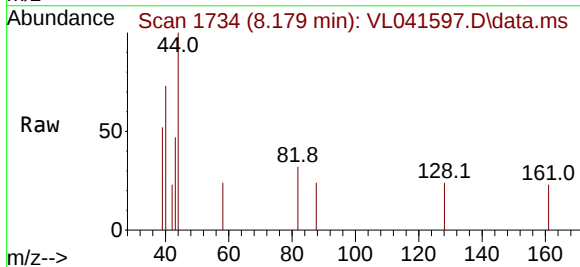


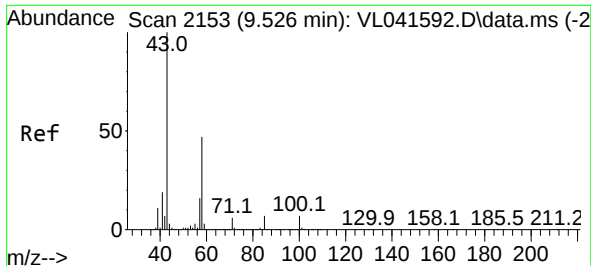
Tgt Ion:173 Resp: 388
Ion Ratio Lower Upper
173 100
175 0.0 40.1 60.1#
171 0.0 42.2 63.4#



#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 8.179 min Scan# 1734
Delta R.T. 0.023 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 43 Resp: 165
Ion Ratio Lower Upper
43 100
58 92.7 27.8 41.8#

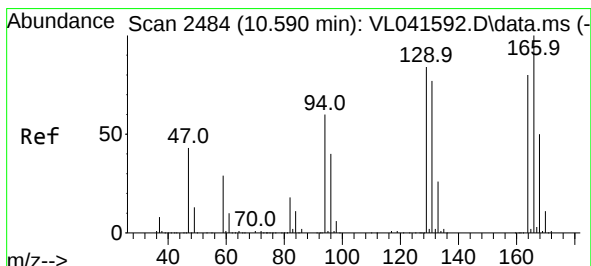
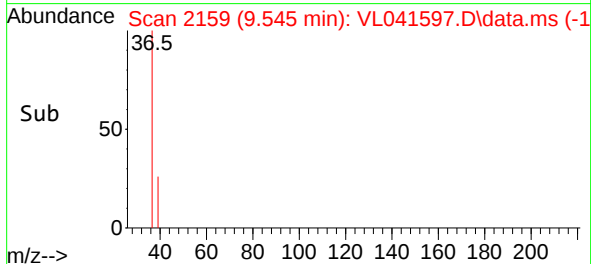
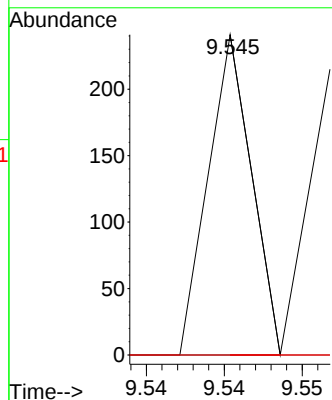
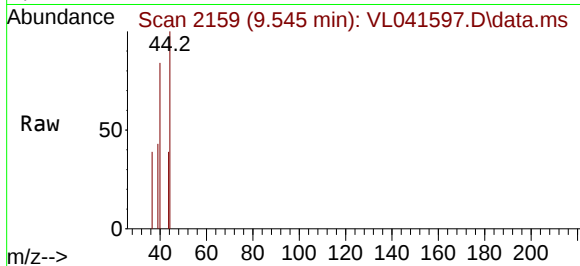




#51
2-Hexanone
Concen: 0.000 ppbv
RT: 9.545 min Scan# 2153
Delta R.T. 0.019 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

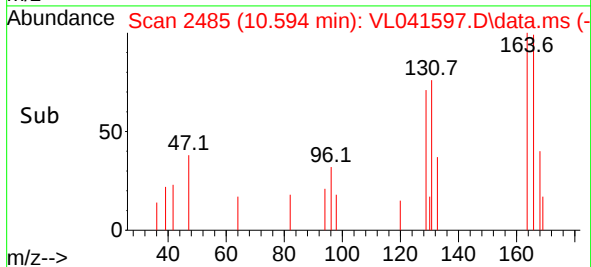
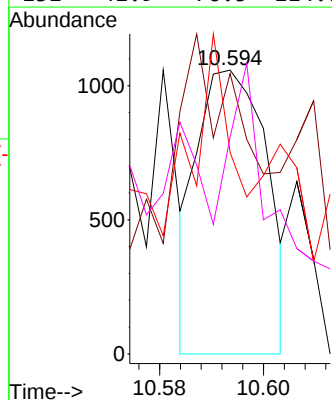
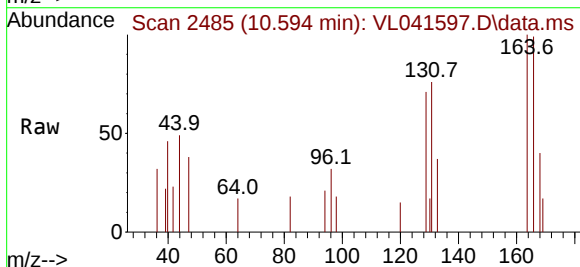
Instrument :
MSVOA_L
ClientSampleId :

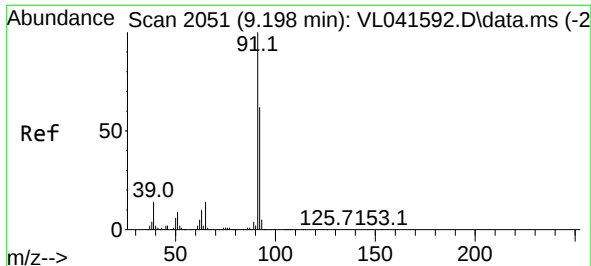
Tgt Ion: 43 Resp: 47
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.011 ppbv
RT: 10.594 min Scan# 2485
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 164 Resp: 980
Ion Ratio Lower Upper
164 100
166 57.1 99.4 149.2#
129 0.0 83.5 125.3#
131 41.9 76.5 114.7#

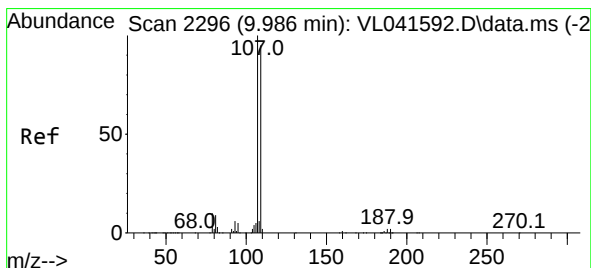
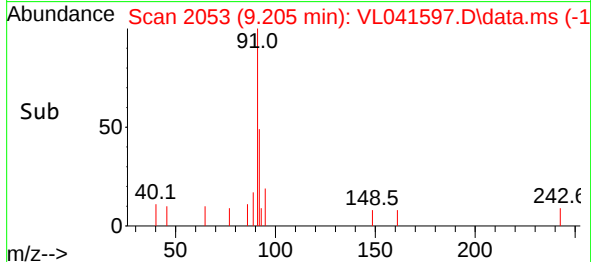
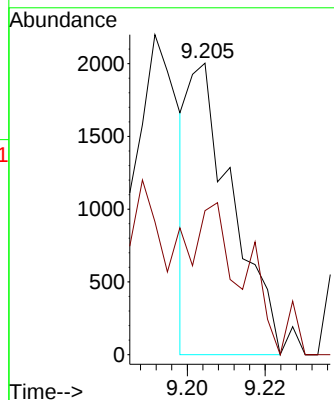
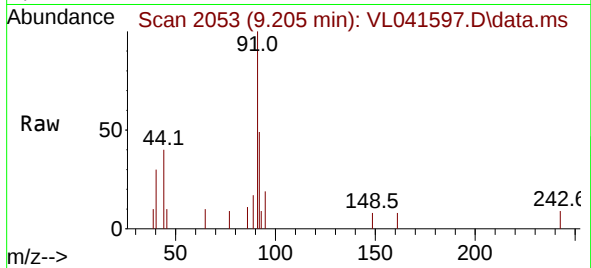




#53
Toluene
Concen: 0.006 ppbv
RT: 9.205 min Scan# 2053
Delta R.T. 0.007 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

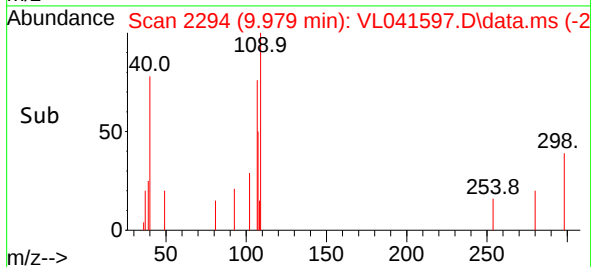
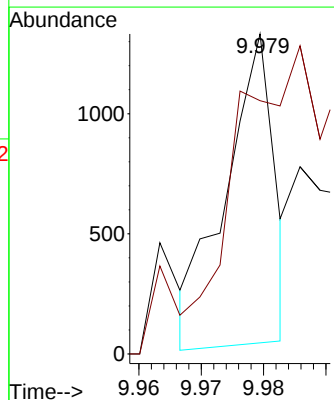
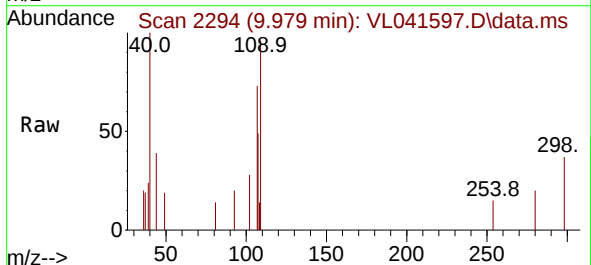
Instrument :
MSVOA_L
ClientSampleId :

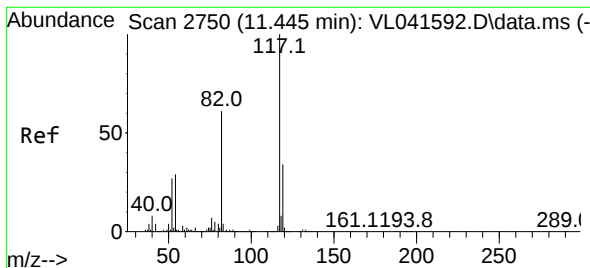
Tgt Ion: 91 Resp: 1569
Ion Ratio Lower Upper
91 100
92 0.0 48.9 73.3#



#54
1,2-Dibromoethane
Concen: 0.006 ppbv
RT: 9.979 min Scan# 2294
Delta R.T. -0.006 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 107 Resp: 709
Ion Ratio Lower Upper
107 100
109 83.7 75.7 113.5

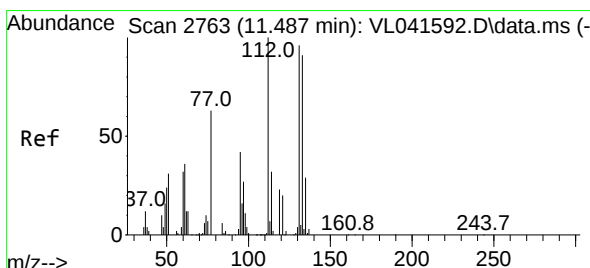
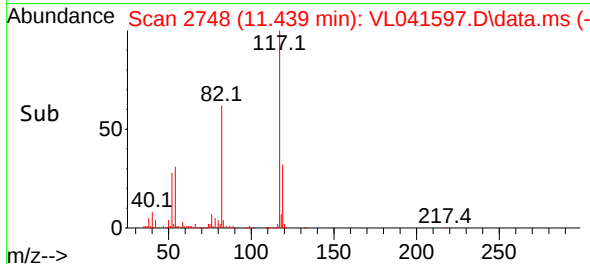
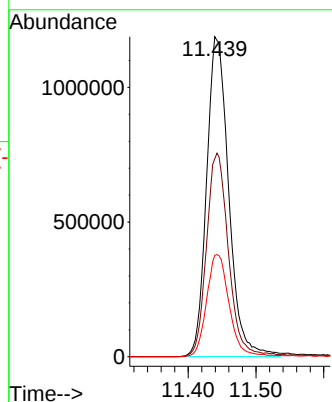
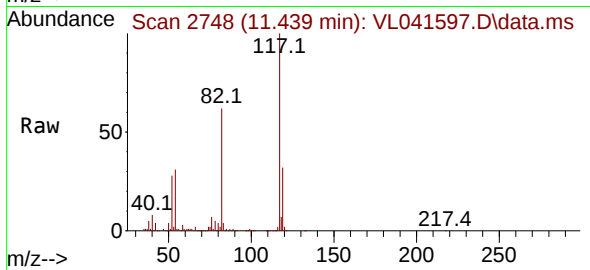




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

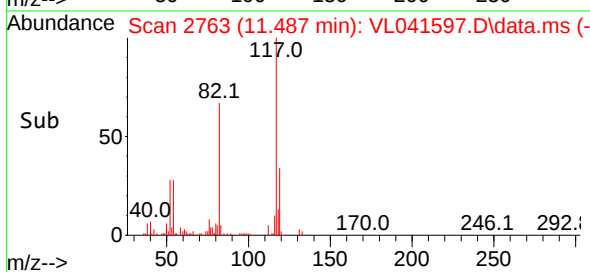
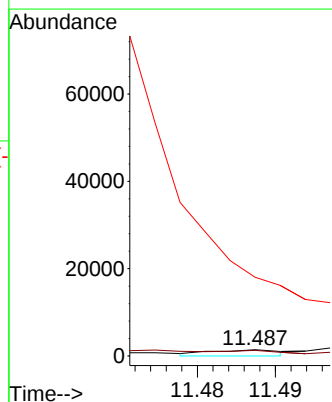
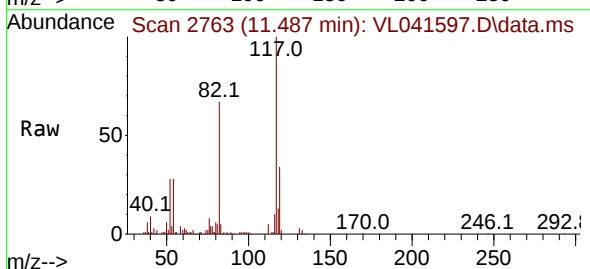
Instrument :
MSVOA_L
ClientSampleId :

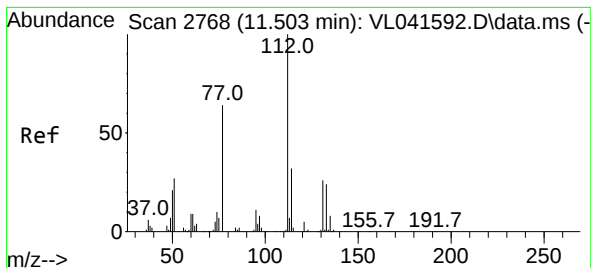
Tgt Ion:117 Resp: 2692276
Ion Ratio Lower Upper
117 100
82 64.5 49.4 74.2
119 32.8 24.4 36.6



#56
1,1,1,2-Tetrachloroethane
Concen: 0.008 ppbv
RT: 11.487 min Scan# 2763
Delta R.T. 0.000 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion:131 Resp: 879
Ion Ratio Lower Upper
131 100
133 0.0 76.6 115.0#
119 0.0 48.5 72.7#





#57

Chlorobenzene

Concen: 0.009 ppbv

RT: 11.497 min Scan# 21

Delta R.T. -0.006 min

Lab File: VL041597.D

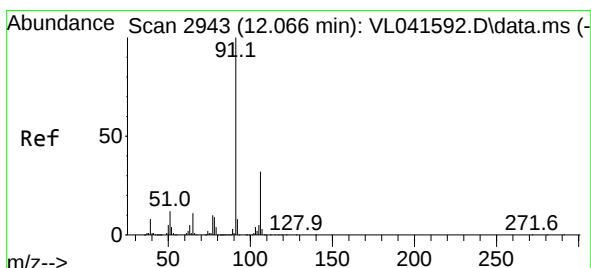
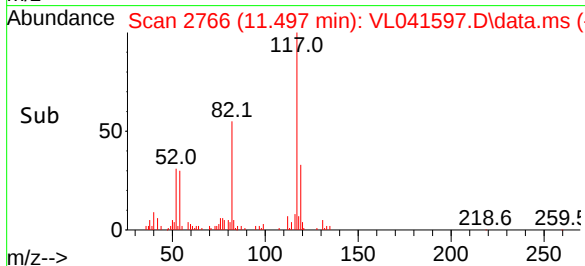
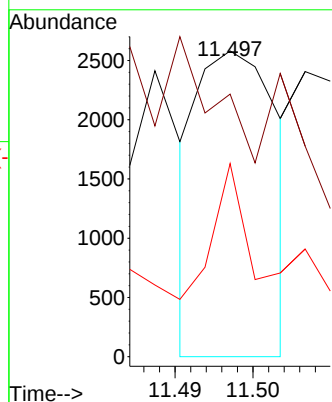
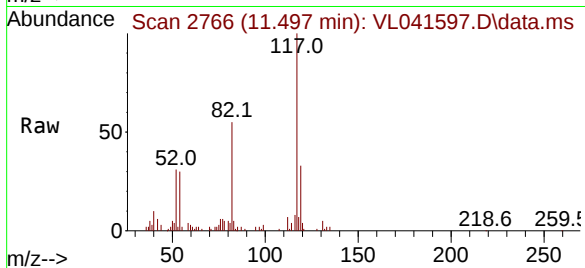
Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	112	Resp:	1827
Ion Ratio	Lower	Upper	
112	100		
77	0.0	52.0	78.0#
114	149.5	28.6	35.0#



#58

Ethyl Benzene

Concen: 0.001 ppbv

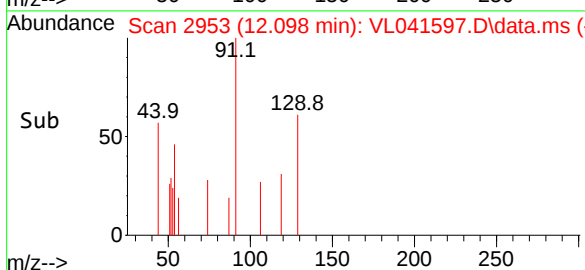
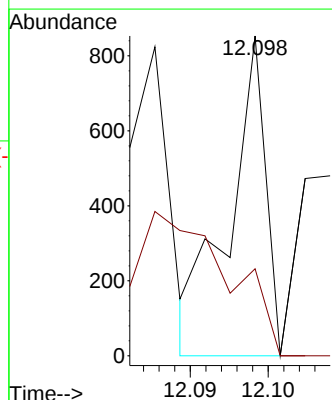
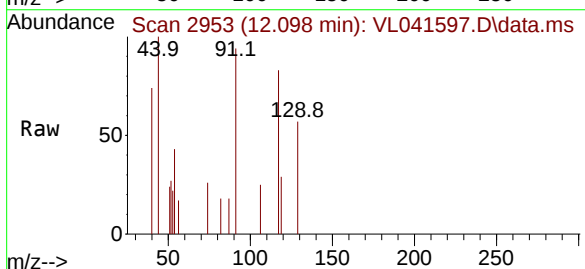
RT: 12.098 min Scan# 2953

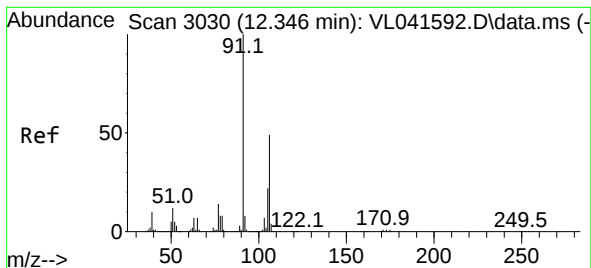
Delta R.T. 0.032 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Tgt Ion:	91	Resp:	275
Ion Ratio	Lower	Upper	
91	100		
106	27.2	25.8	38.6

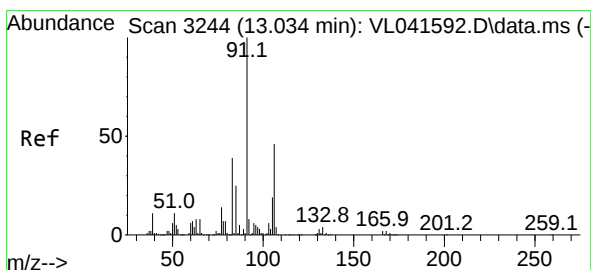
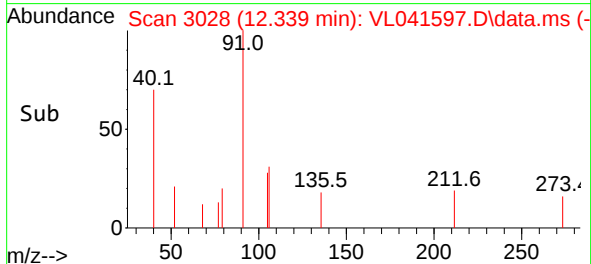
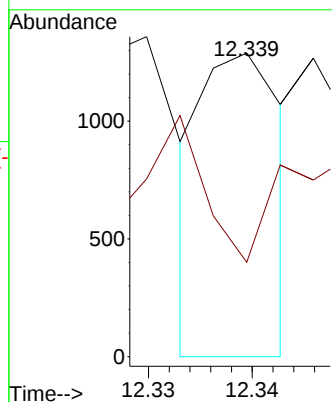
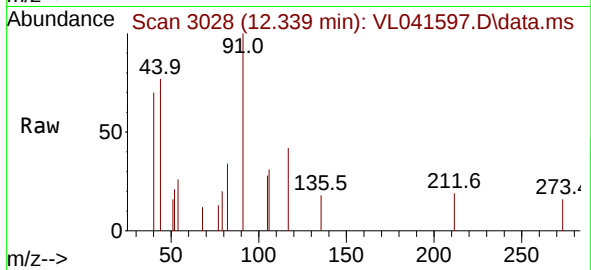




#59
m/p-Xylene
Concen: 0.003 ppbv
RT: 12.339 min Scan# 3030
Delta R.T. -0.006 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

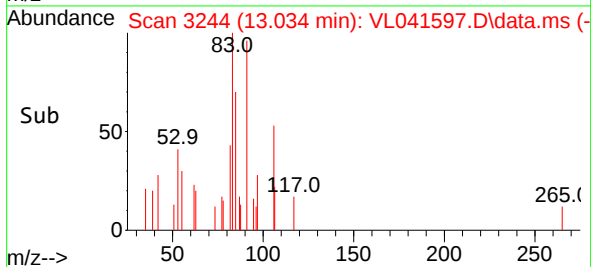
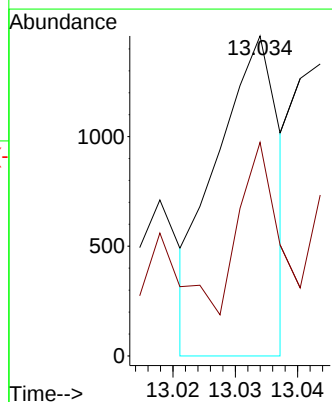
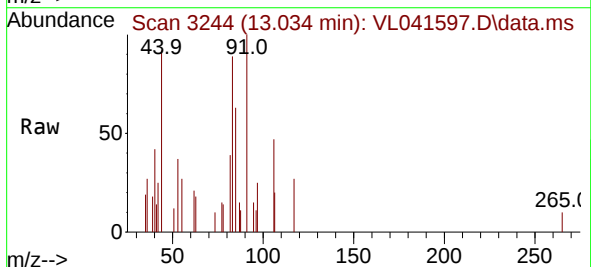
Instrument :
MSVOA_L
ClientSampleId :

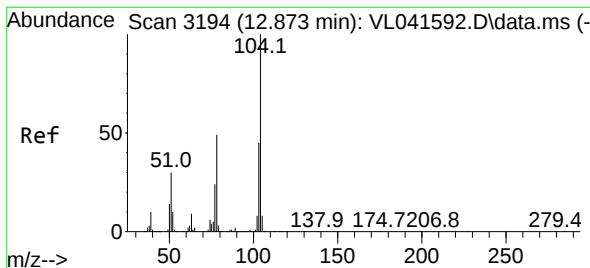
Tgt Ion: 91 Resp: 692
Ion Ratio Lower Upper
91 100
106 0.0 36.8 55.2#



#60
o-Xylene
Concen: 0.004 ppbv
RT: 13.034 min Scan# 3244
Delta R.T. 0.000 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 91 Resp: 1029
Ion Ratio Lower Upper
91 100
106 149.4 23.1 69.3#





#61

Styrene

Concen: 0.003 ppbv

RT: 12.867 min Scan# 3194

Delta R.T. -0.006 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

ClientSampleId :

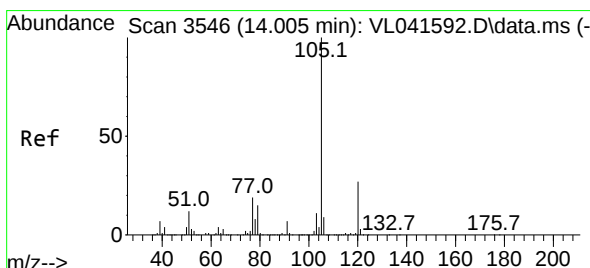
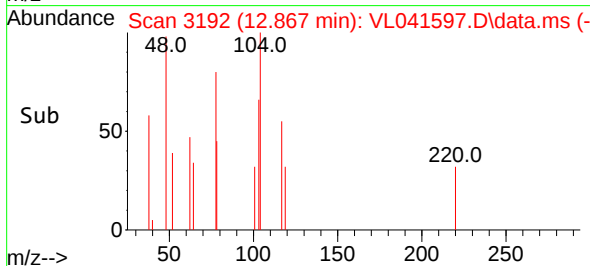
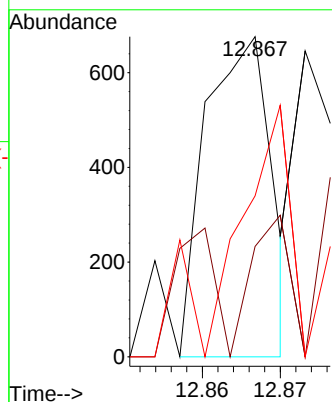
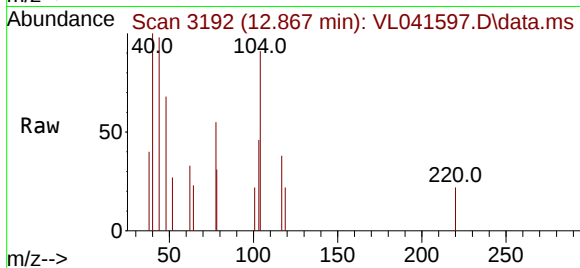
Tgt Ion:104 Resp: 399

Ion Ratio Lower Upper

104 100

78 0.0 39.8 59.6#

103 0.0 37.4 56.0#



#62

Isopropylbenzene

Concen: 0.002 ppbv

RT: 13.995 min Scan# 3543

Delta R.T. -0.009 min

Lab File: VL041597.D

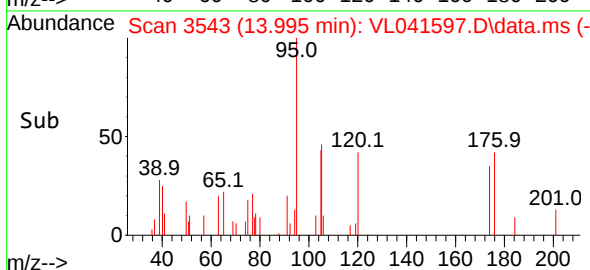
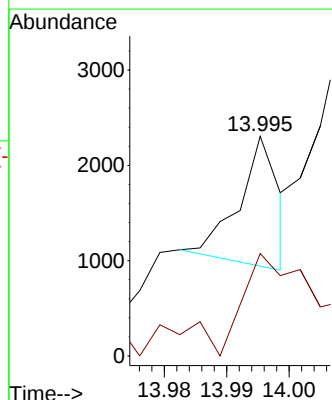
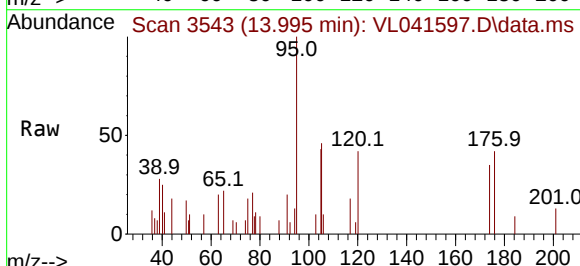
Acq: 16 Sep 2024 16:38

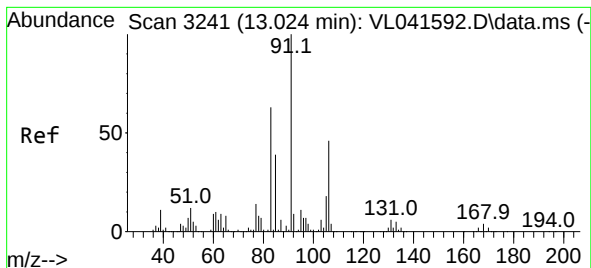
Tgt Ion:105 Resp: 589

Ion Ratio Lower Upper

105 100

120 296.1 20.9 31.3#

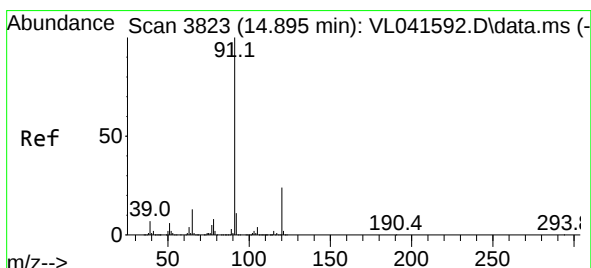
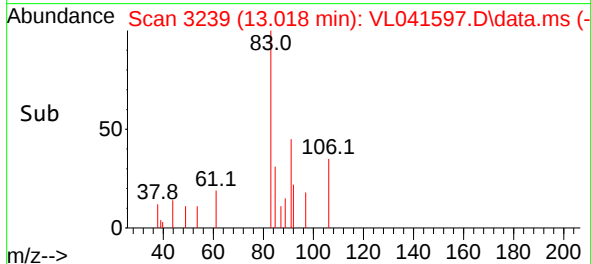
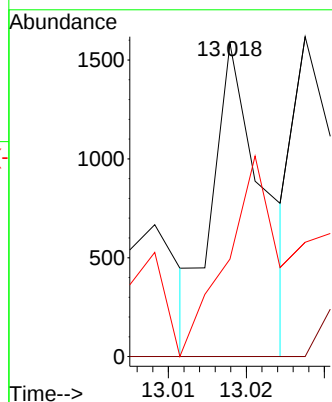
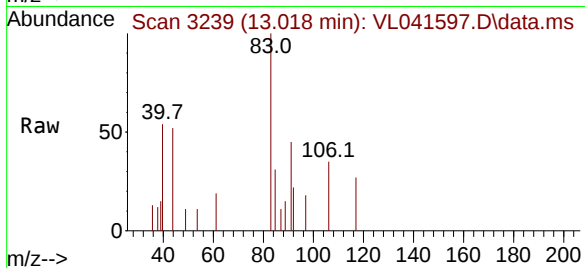




#63
1,1,2,2-Tetrachloroethane
Concen: 0.005 ppbv
RT: 13.018 min Scan# 311
Delta R.T. -0.006 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

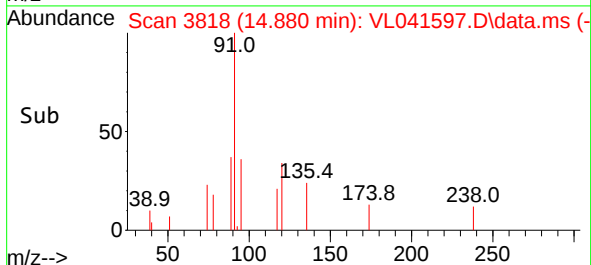
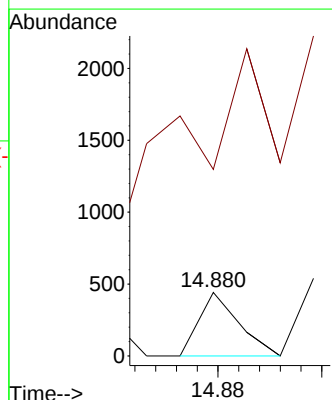
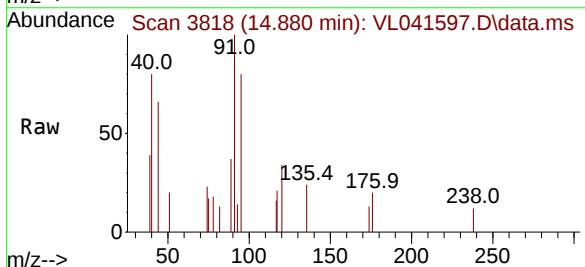
Instrument :
MSVOA_L
ClientSampleId :

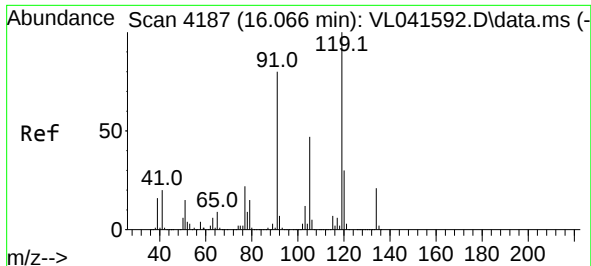
Tgt Ion: 83 Resp: 712
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 0.0 32.5 97.4#



#64
n-propylbenzene
Concen: 0.001 ppbv
RT: 14.880 min Scan# 3818
Delta R.T. -0.016 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 120 Resp: 117
Ion Ratio Lower Upper
120 100
91 0.0 366.4 549.6#

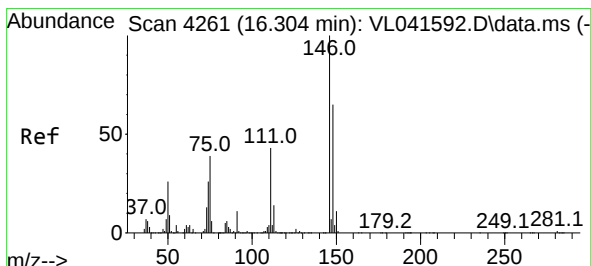
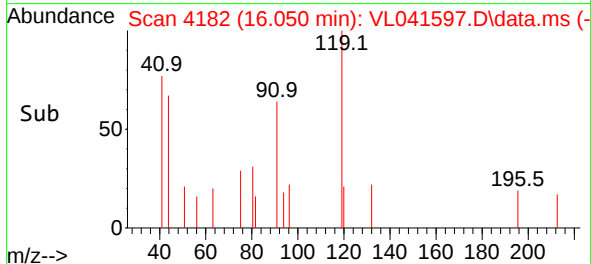
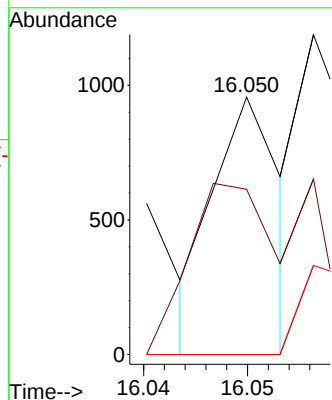
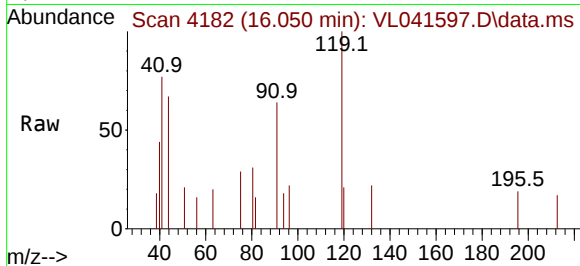




#65
tert-Butylbenzene
Concen: 0.001 ppbv
RT: 16.050 min Scan# 4187
Delta R.T. -0.016 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

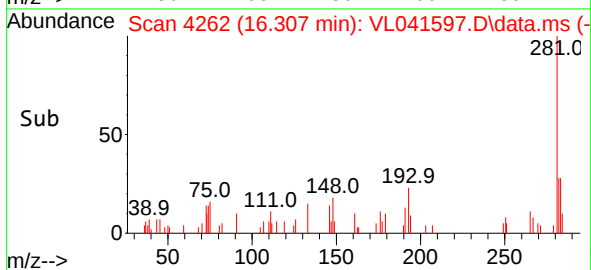
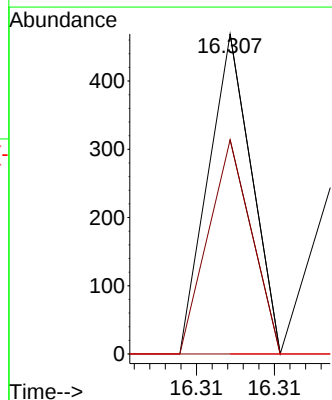
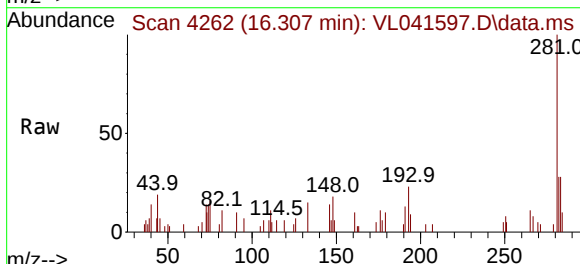
Instrument :
MSVOA_L
ClientSampleId :

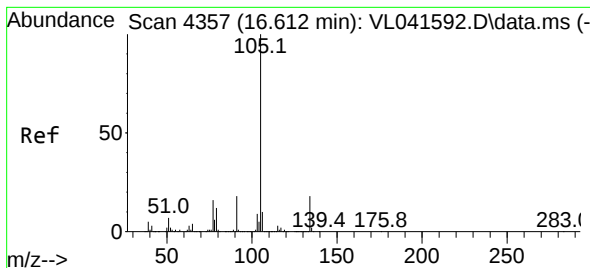
Tgt Ion:119 Resp: 431
Ion Ratio Lower Upper
119 100
91 0.0 64.6 96.8#
134 0.0 15.8 23.8#



#66
Benzyl Chloride
Concen: 0.004 ppbv
RT: 16.307 min Scan# 4262
Delta R.T. 0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion: 91 Resp: 91
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.8 7.2#





#67

sec-Butylbenzene

Concen: 0.003 ppbv

RT: 16.609 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

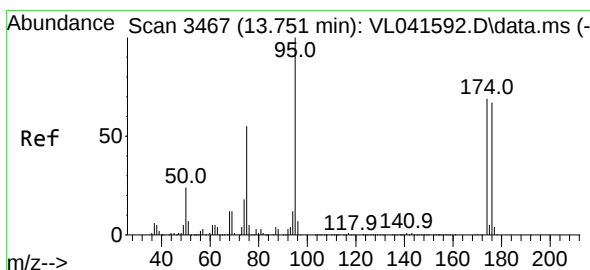
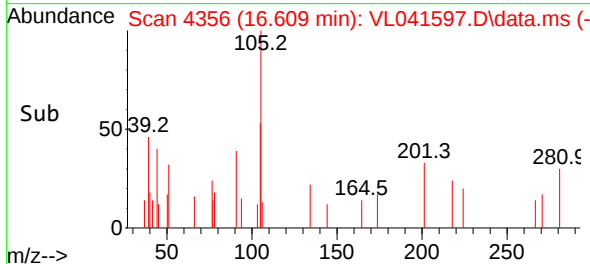
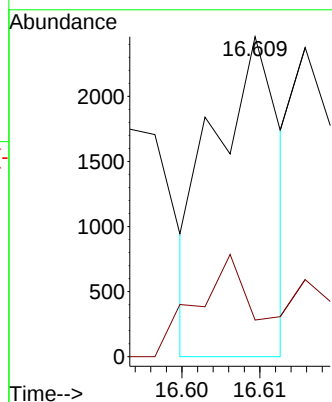
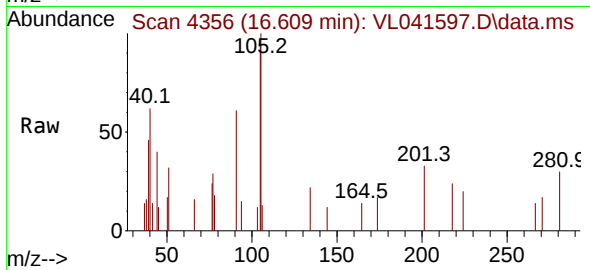
ClientSampleId :

Tgt Ion:105 Resp: 1466

Ion Ratio Lower Upper

105 100

134 61.5 14.6 21.8#



#68

1-Bromo-4-Fluorobenzene

Concen: 9.640 ppbv

RT: 13.751 min Scan# 3467

Delta R.T. 0.000 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

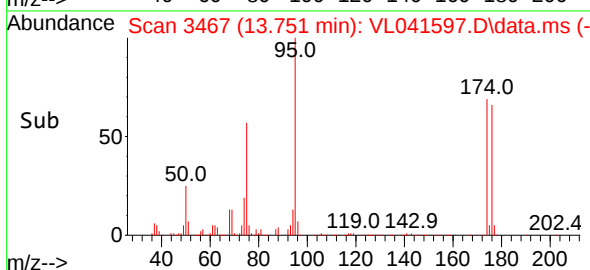
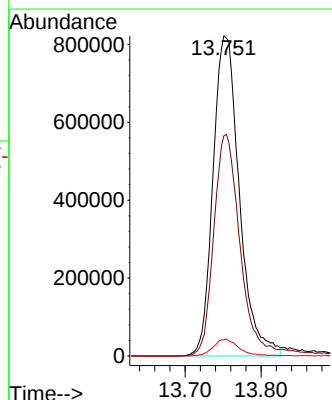
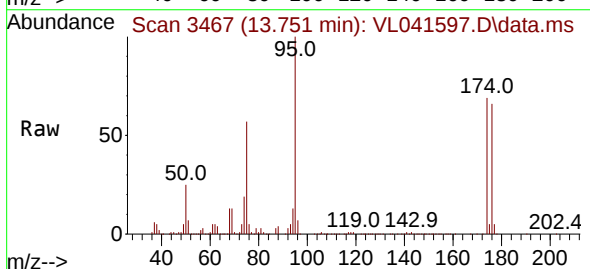
Tgt Ion: 95 Resp: 1983531

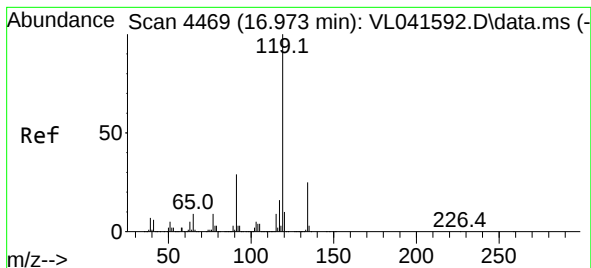
Ion Ratio Lower Upper

95 100

174 71.3 55.8 83.8

175 5.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.002 ppbv

RT: 16.966 min Scan# 4469

Delta R.T. -0.006 min

Lab File: VL041597.D

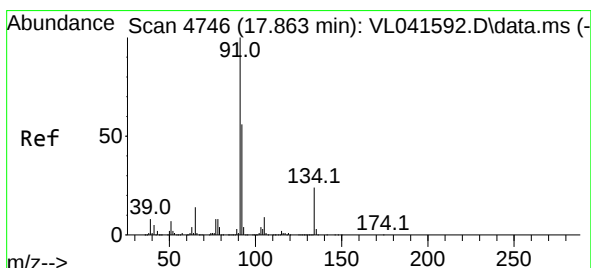
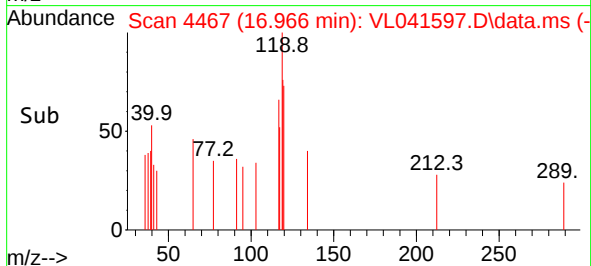
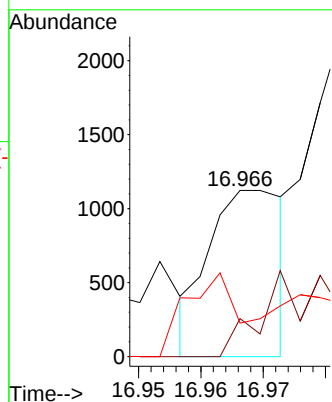
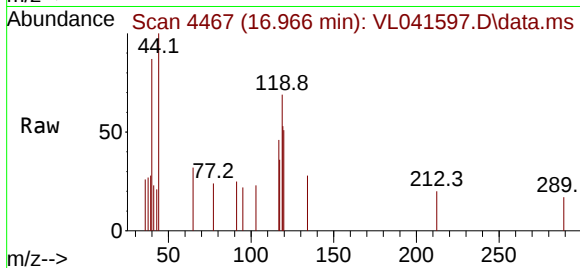
Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	931
Ion Ratio	Lower	Upper	
119	100		
134	0.0	20.5	30.7#
91	0.0	23.1	34.7#



#70

n-Butylbenzene

Concen: 0.001 ppbv

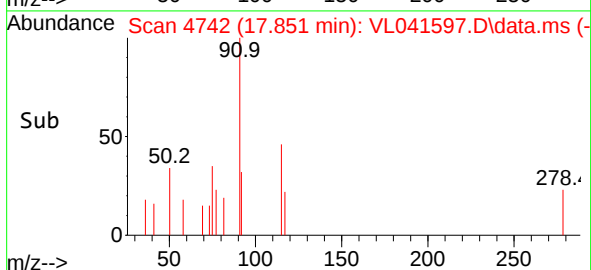
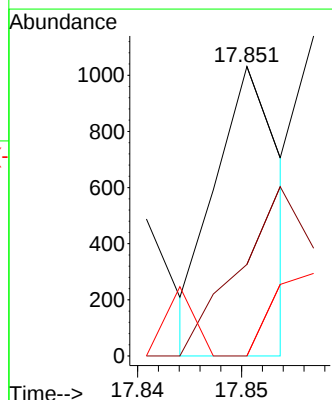
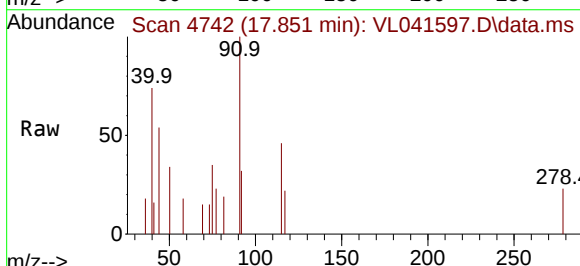
RT: 17.851 min Scan# 4742

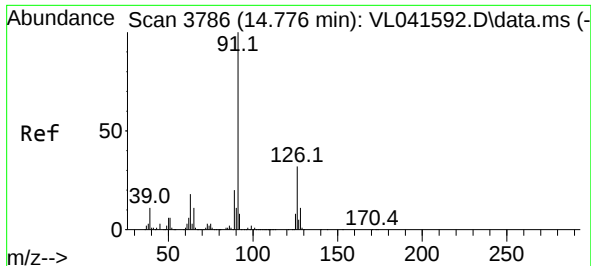
Delta R.T. -0.013 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Tgt Ion:	91	Resp:	449
Ion Ratio	Lower	Upper	
91	100		
92	0.0	43.2	64.8#
134	0.0	18.6	27.8#

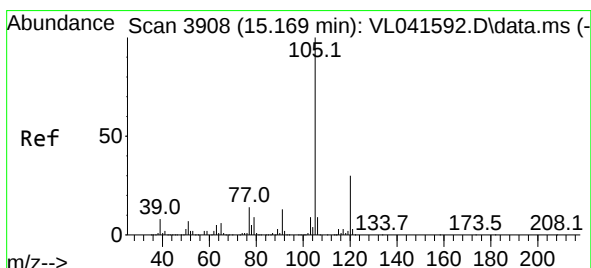
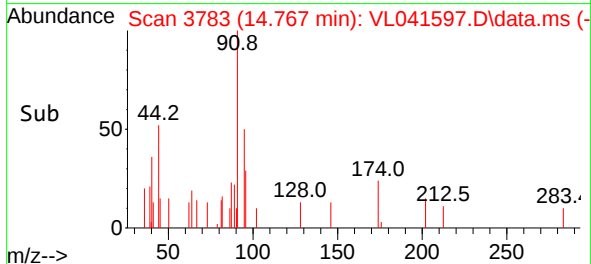
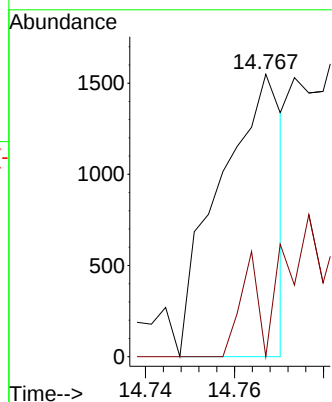
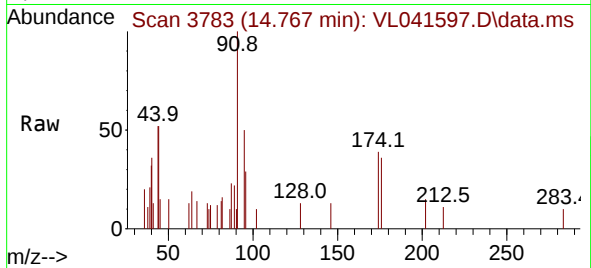




#71
2-Chlorotoluene
Concen: 0.005 ppbv
RT: 14.767 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

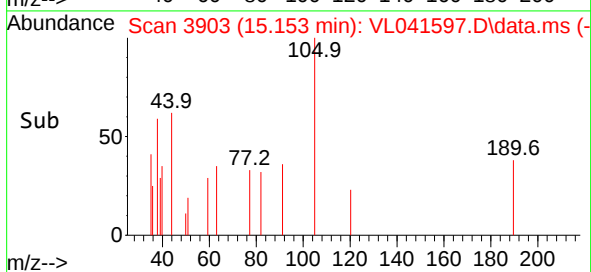
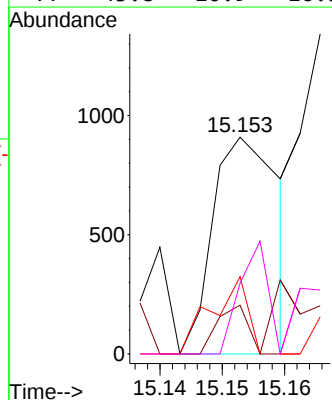
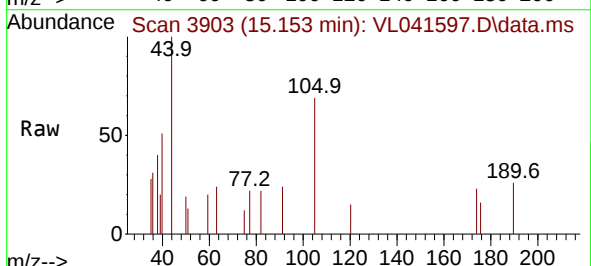
Instrument :
MSVOA_L
ClientSampleId :

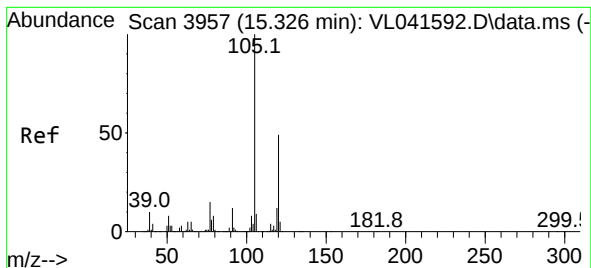
Tgt Ion: 91 Resp: 1501
Ion Ratio Lower Upper
91 100
126 0.0 12.9 51.5#



#72
4-Ethyltoluene
Concen: 0.002 ppbv
RT: 15.153 min Scan# 3903
Delta R.T. -0.016 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion:105 Resp: 664
Ion Ratio Lower Upper
105 100
120 0.0 24.1 36.1#
91 0.0 10.2 15.2#
77 43.8 10.9 16.3#





#73

1,3,5-Trimethylbenzene

Concen: 0.002 ppbv

RT: 15.320 min Scan# 3955

Delta R.T. -0.006 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

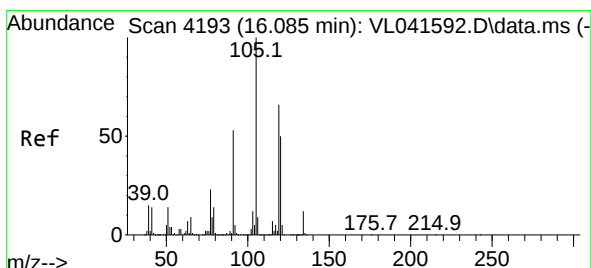
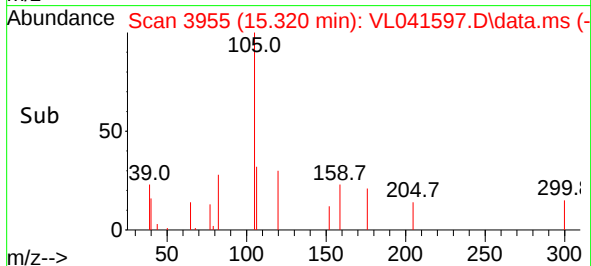
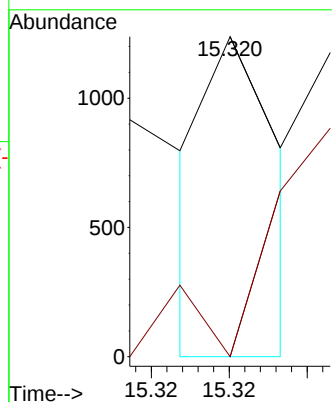
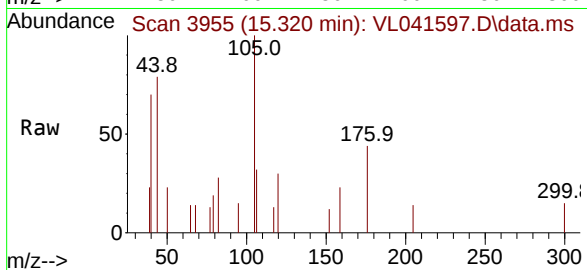
ClientSampleId :

Tgt Ion:105 Resp: 395

Ion Ratio Lower Upper

105 100

120 0.0 39.4 59.0#



#74

1,2,4-Trimethylbenzene

Concen: 0.003 ppbv

RT: 16.072 min Scan# 4189

Delta R.T. -0.013 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Tgt Ion:105 Resp: 851

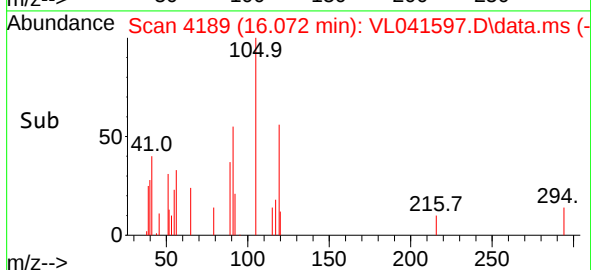
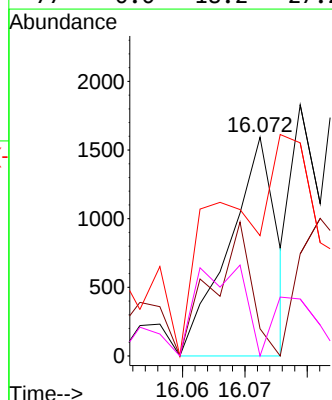
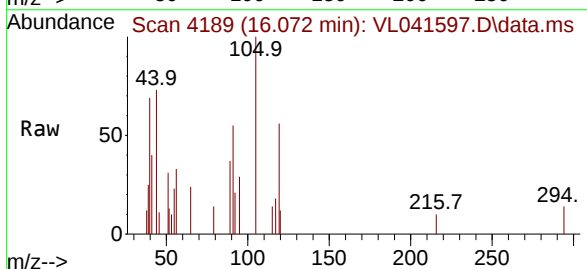
Ion Ratio Lower Upper

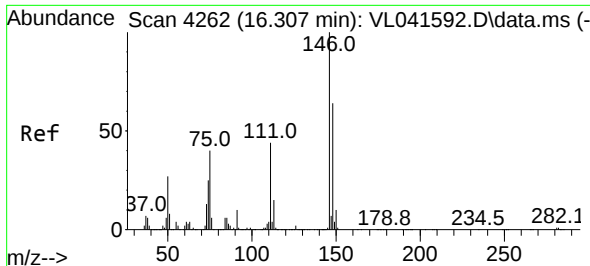
105 100

120 12.4 39.9 59.9#

91 55.1 42.6 63.8

77 0.0 18.2 27.2#

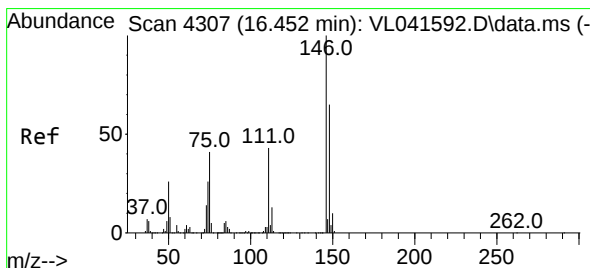
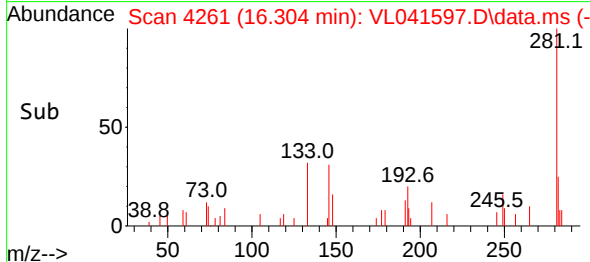
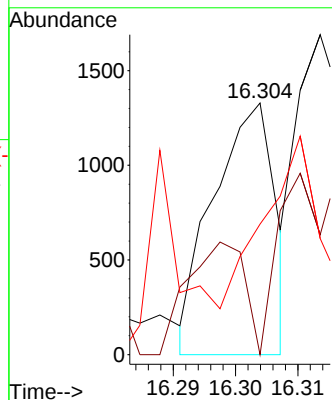
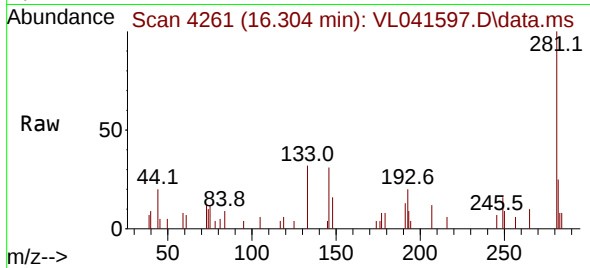




#75
1,3-Dichlorobenzene
Concen: 0.005 ppbv
RT: 16.304 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

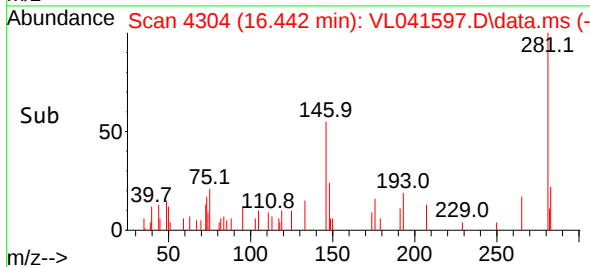
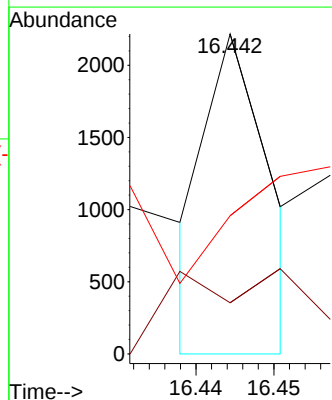
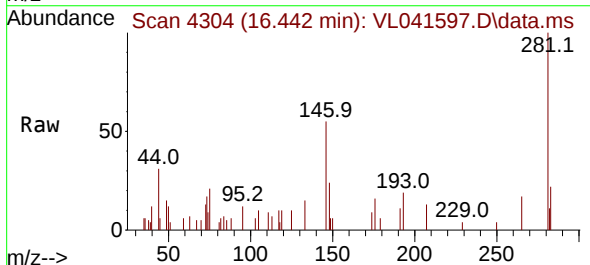
Instrument :
MSVOA_L
ClientSampleId :

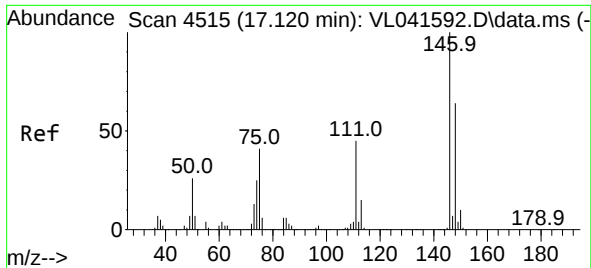
Tgt Ion:146 Resp: 923
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.0#
148 0.0 32.1 96.5#



#76
1,4-Dichlorobenzene
Concen: 0.003 ppbv
RT: 16.442 min Scan# 4304
Delta R.T. -0.009 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

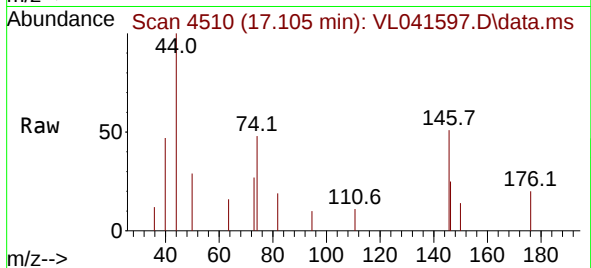
Tgt Ion:146 Resp: 625
Ion Ratio Lower Upper
146 100
111 0.0 22.4 67.3#
148 0.0 32.8 98.4#



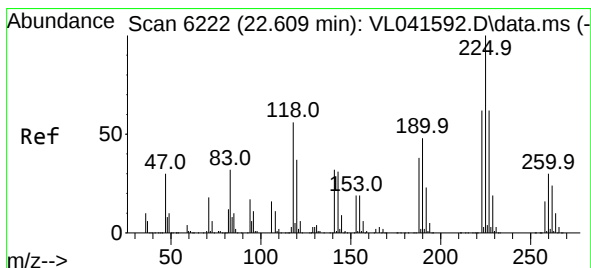
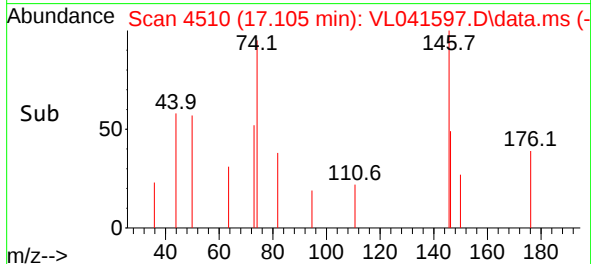
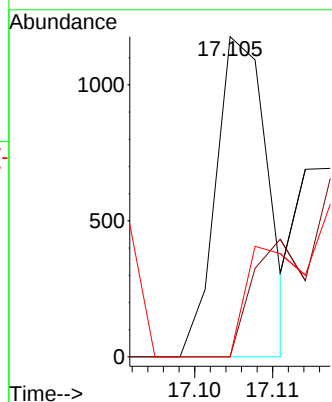


#77
1,2-Dichlorobenzene
Concen: 0.003 ppbv
RT: 17.105 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Instrument :
MSVOA_L
ClientSampleId :

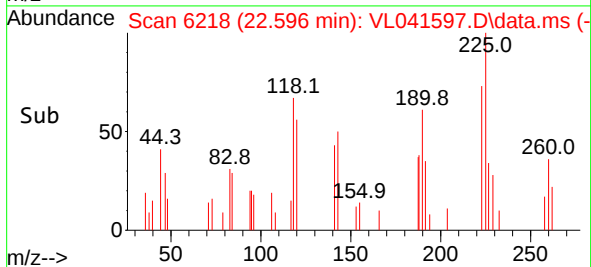
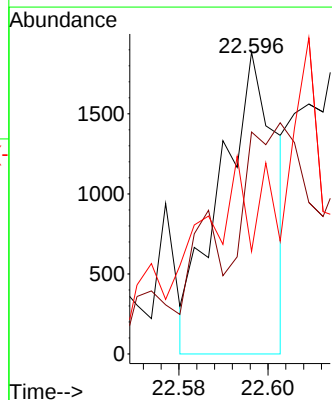
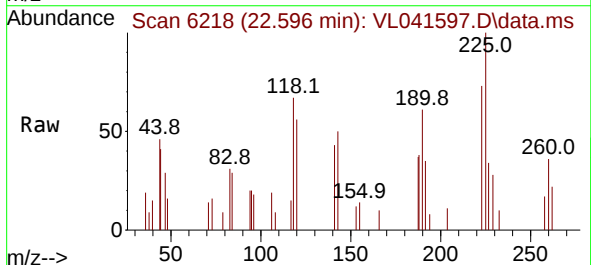


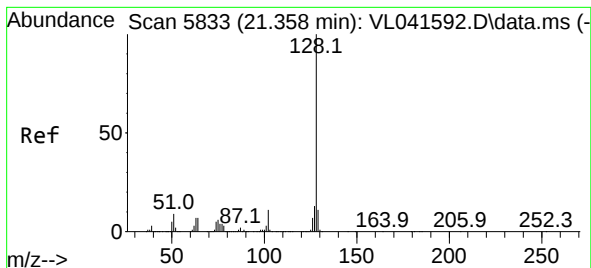
Tgt Ion:146 Resp: 544
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.0#
148 0.0 32.5 97.4#



#78
Hexachloro-1,3-Butadiene
Concen: 0.010 ppbv
RT: 22.596 min Scan# 6218
Delta R.T. -0.013 min
Lab File: VL041597.D
Acq: 16 Sep 2024 16:38

Tgt Ion:225 Resp: 1629
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 50.9 76.3#





#79

Naphthalene

Concen: 0.002 ppbv

RT: 21.346 min Scan# 5829

Delta R.T. -0.013 min

Lab File: VL041597.D

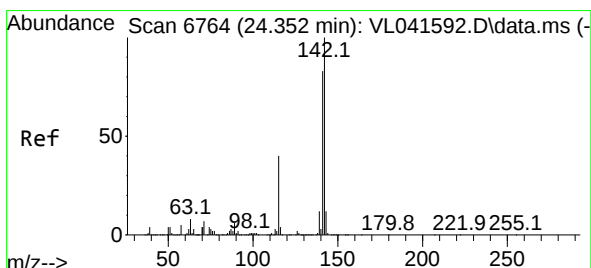
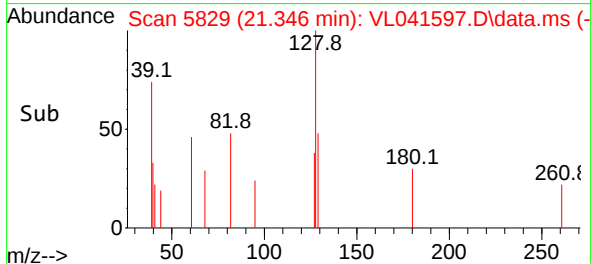
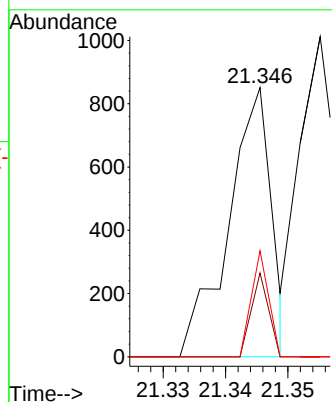
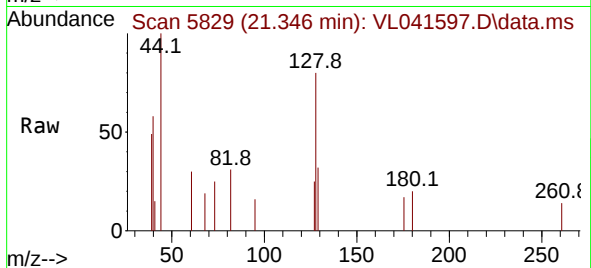
Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:128	Resp:	413
Ion	Ratio	Lower Upper
128	100	
127	131.1	10.1 15.1#
129	39.4	9.1 13.7#



#80

Naphthalene,2-methyl-

Concen: 0.001 ppbv

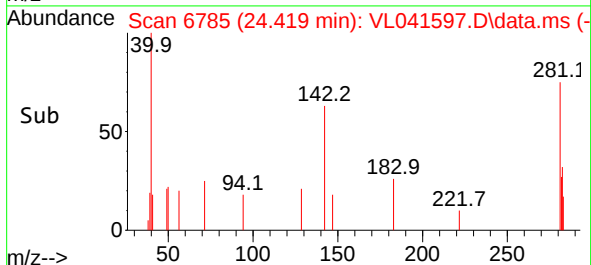
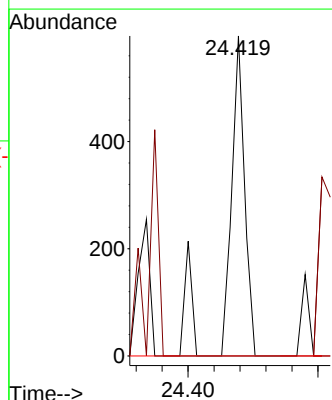
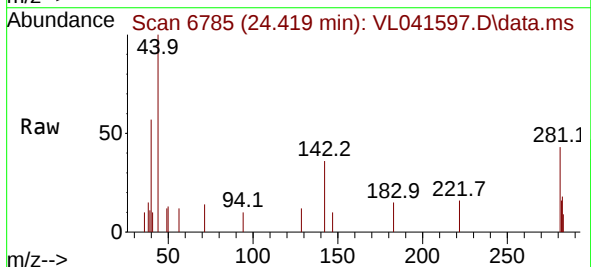
RT: 24.419 min Scan# 6785

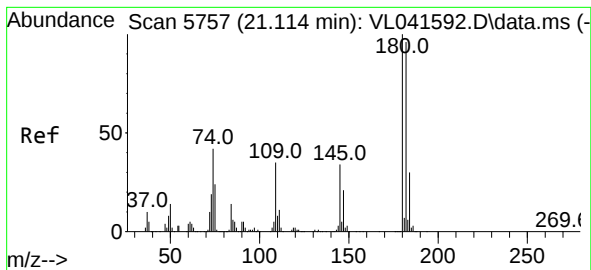
Delta R.T. 0.068 min

Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Tgt Ion:142	Resp:	245
Ion	Ratio	Lower Upper
142	100	
141	49.0	66.3 99.5#
115	0.0	31.4 47.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.001 ppbv

RT: 21.098 min Scan# 51

Delta R.T. -0.016 min

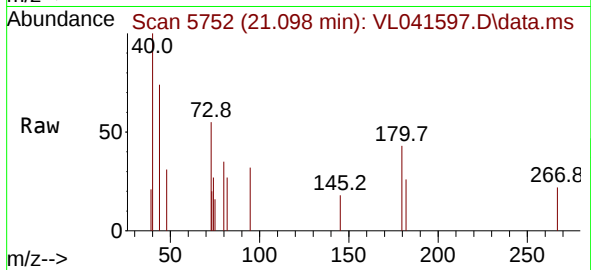
Lab File: VL041597.D

Acq: 16 Sep 2024 16:38

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 198

Ion Ratio Lower Upper

180 100

182 0.0 76.5 114.7#

184 0.0 24.7 37.1#

