

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101424\
 Data File : VL041669.D
 Acq On : 14 Oct 2024 15:40
 Operator : SY/MD
 Sample : P4368-15 0.1
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Oct 15 04:50:18 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	949351	10.000	ppbv	0.04
33) 1,4-Difluorobenzene	6.668	114	2647068	10.000	ppbv	0.04
55) Chlorobenzene-d5	11.484	117	2363204	10.000	ppbv	0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.799	95	1752732	10.075	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.883	85	328	0.002	ppbv	100
3) Chlorodifluoromethane	2.671	51	11290	0.098	ppbv	94
4) Chloromethane	2.809	50	7395	0.117	ppbv	98
5) Vinyl Chloride	2.919	62	4828	0.088	ppbv #	83
6) Bromomethane	3.118	94	1150	0.042	ppbv #	51
7) Chloroethane	3.195	64	1911	0.090	ppbv #	63
8) Dichlorotetrafluoroethane	2.857	85	12977	0.090	ppbv #	76
9) Propene	2.693	41	5112	0.105	ppbv #	55
10) Heptane	7.606	43	2151	0.019	ppbv #	28
11) Trichlorofluoromethane	3.565	101	14212	0.097	ppbv	87
12) 1,1,2-Trichlorotrifluo...	4.070	101	8969	0.085	ppbv	100
13) Ethanol	3.247	45	43	0.012	ppbv #	37
14) Bromoethene	3.369	108	2255	0.056	ppbv #	1
15) Acetone	3.497	43	27001	0.227	ppbv	92
16) 1,3-Butadiene	2.980	39	2150	0.037	ppbv #	2
17) tert-Butyl alcohol	3.886	59	125	0.001	ppbv #	71
18) 1,1-Dichloroethene	3.883	96	3006	0.067	ppbv #	70
19) Isopropyl Alcohol	3.581	45	144	0.002	ppbv #	92
20) Methylene Chloride	3.938	84	9068	0.203	ppbv	84
21) Allyl Chloride	3.999	41	5268	0.076	ppbv #	63
22) trans-1,2-Dichloroethene	4.459	96	3137	0.070	ppbv #	58
23) Vinyl Acetate	4.645	43	3520	0.054	ppbv #	65
24) 1,1-Dichloroethane	4.571	63	6377	0.065	ppbv #	94
25) Ethyl Acetate	5.230	43	14429	0.067	ppbv #	94
26) Hexane	5.227	57	2350	0.026	ppbv #	1
27) Carbon Disulfide	4.131	76	5345	0.056	ppbv #	8
28) Methyl tert-Butyl Ether	4.587	73	40	0.001	ppbv #	51
29) Chloroform	5.282	83	9059	0.062	ppbv	90
30) Cyclohexane	6.619	84	1921	0.028	ppbv #	1
31) cis-1,2-Dichloroethene	5.086	61	1990	0.023	ppbv #	75
32) 1,1,1-Trichloroethane	6.018	97	6239	0.048	ppbv #	26
34) 2-Butanone	4.809	43	1560	0.012	ppbv #	55
35) Carbon Tetrachloride	6.507	117	7153	0.055	ppbv #	80
36) Benzene	6.388	78	2942	0.016	ppbv #	75
37) 1,2-Dichloroethane	5.819	62	2324	0.022	ppbv #	82
38) Trichloroethene	7.311	130	4400	0.046	ppbv #	54
39) 1,2-Dichloropropane	6.664	63	655435	8.764	ppbv #	23
40) 1,4-Dioxane	7.330	88	96	0.003	ppbv #	1
41) Tetrahydrofuran	5.578	42	63	0.001	ppbv #	38
42) Bromodichloromethane	7.262	83	6208	0.042	ppbv #	43
43) Methyl Methacrylate	7.497	69	1573	0.024	ppbv #	1
44) 2,2,4-Trimethylpentane	7.349	57	4892	0.015	ppbv #	42
45) t-1,3-Dichloropropene	8.741	75	723	0.014	ppbv	98

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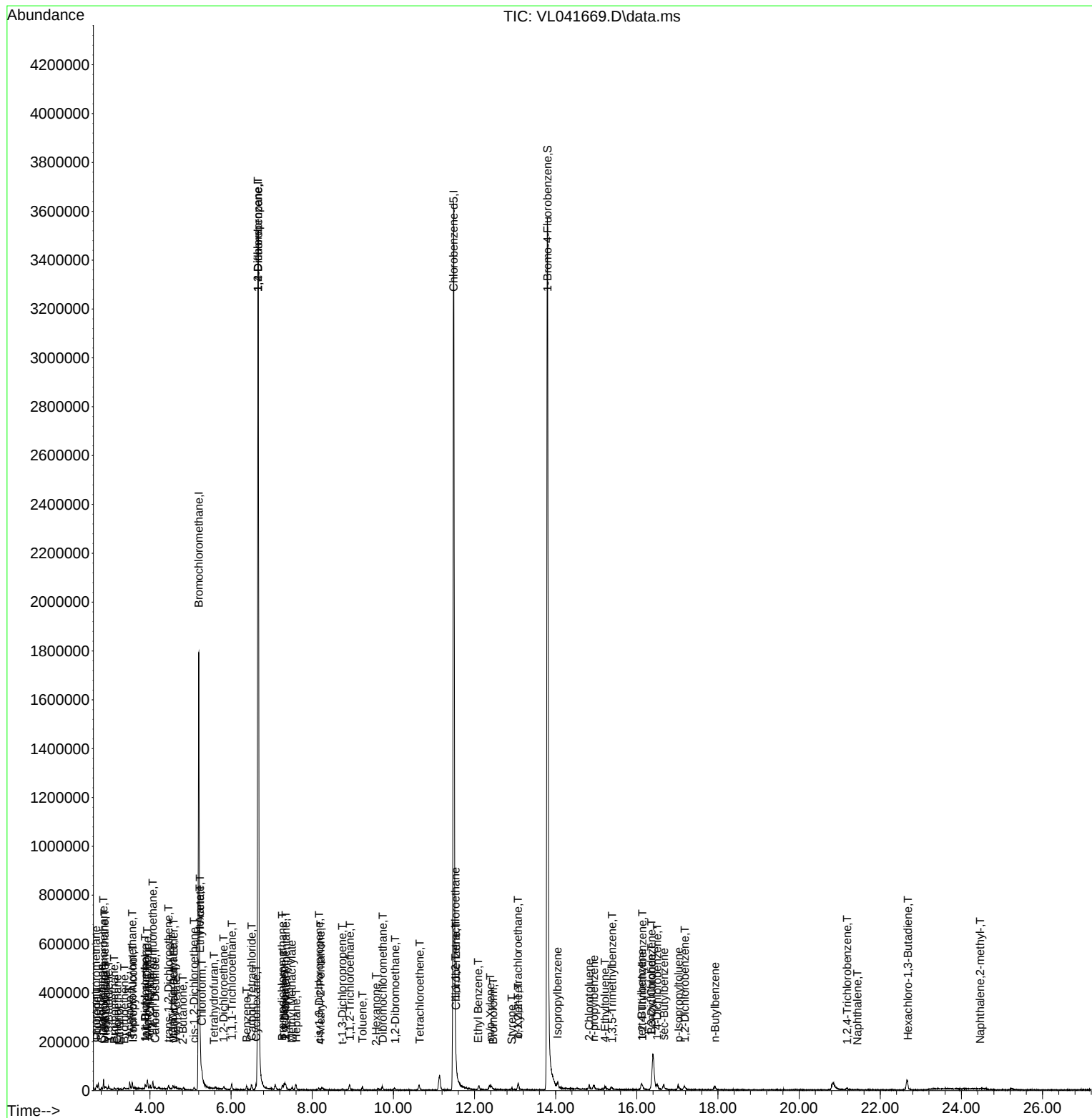
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.172	75	1063	0.014	ppbv	94
47) 1,1,2-Trichloroethane	8.928	97	1247	0.016	ppbv #	30
48) Dibromochloromethane	9.738	129	1413	0.012	ppbv #	10
49) Bromoform	12.462	173	96	0.001	ppbv #	26
50) 4-Methyl-2-Pentanone	8.208	43	215	0.001	ppbv #	40
51) 2-Hexanone	9.577	43	35	0.000	ppbv #	31
52) Tetrachloroethene	10.651	164	505	0.008	ppbv #	35
53) Toluene	9.240	91	4858	0.025	ppbv #	17
54) 1,2-Dibromoethane	10.044	107	1248	0.013	ppbv	83
56) 1,1,1,2-Tetrachloroethane	11.536	131	3490	0.038	ppbv #	9
57) Chlorobenzene	11.545	112	7370	0.043	ppbv #	35
58) Ethyl Benzene	12.092	91	2589	0.010	ppbv	96
59) m/p-Xylene	12.391	91	1693	0.008	ppbv #	30
60) o-Xylene	13.076	91	5515	0.026	ppbv	67
61) Styrene	12.918	104	450	0.005	ppbv #	29
62) Isopropylbenzene	14.044	105	6198	0.019	ppbv #	38
63) 1,1,2,2-Tetrachloroethane	13.069	83	1939	0.018	ppbv #	1
64) n-propylbenzene	14.944	120	995	0.012	ppbv #	1
65) tert-Butylbenzene	16.121	119	5677	0.019	ppbv #	13
66) Benzyl Chloride	16.362	91	378	0.024	ppbv #	63
67) sec-Butylbenzene	16.670	105	9005	0.022	ppbv #	59
69) p-Isopropyltoluene	17.034	119	1820	0.005	ppbv #	48
70) n-Butylbenzene	17.928	91	2202	0.006	ppbv #	1
71) 2-Chlorotoluene	14.825	91	9936	0.041	ppbv	96
72) 4-Ethyltoluene	15.217	105	2500	0.010	ppbv #	27
73) 1,3,5-Trimethylbenzene	15.387	105	3265	0.015	ppbv #	28
74) 1,2,4-Trimethylbenzene	16.140	105	4248	0.016	ppbv #	70
75) 1,3-Dichlorobenzene	16.359	146	3400	0.021	ppbv #	1
76) 1,4-Dichlorobenzene	16.503	146	8795	0.056	ppbv	88
77) 1,2-Dichlorobenzene	17.182	146	1026	0.006	ppbv #	1
78) Hexachloro-1,3-Butadiene	22.683	225	1289	0.010	ppbv #	19
79) Naphthalene	21.435	128	960	0.005	ppbv #	65
80) Naphthalene,2-methyl-	24.464	142	103	0.001	ppbv #	17
81) 1,2,4-Trichlorobenzene	21.181	180	803	0.007	ppbv #	1

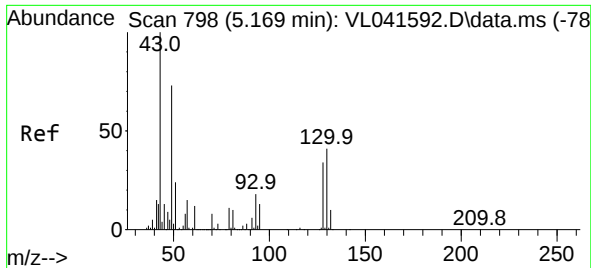
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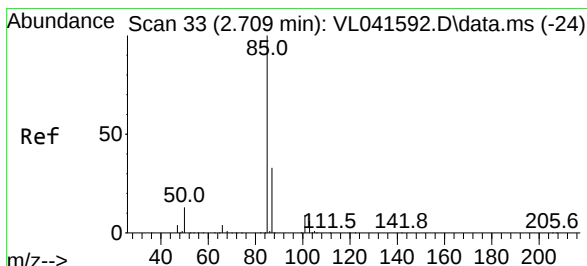
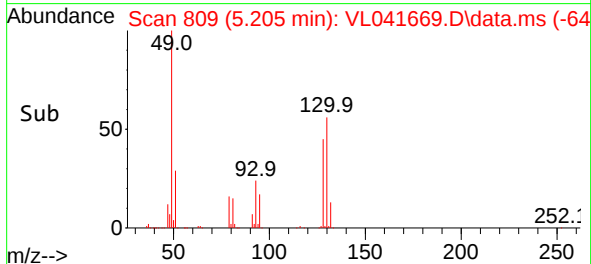
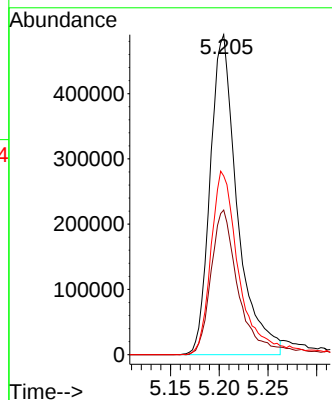
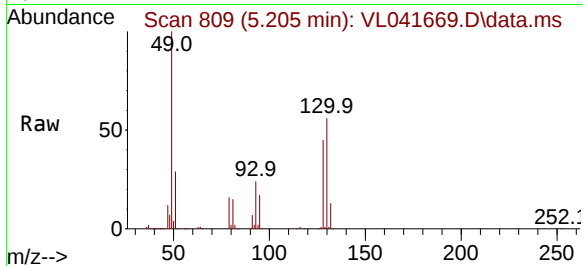




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.036 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

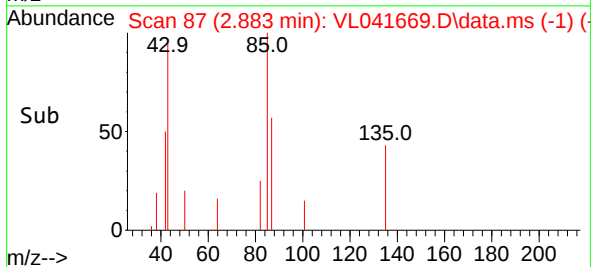
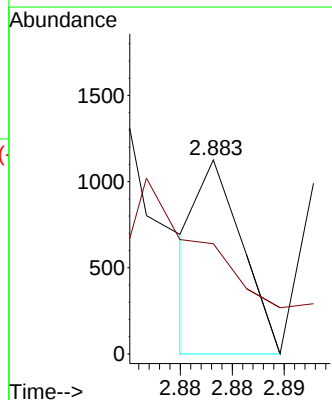
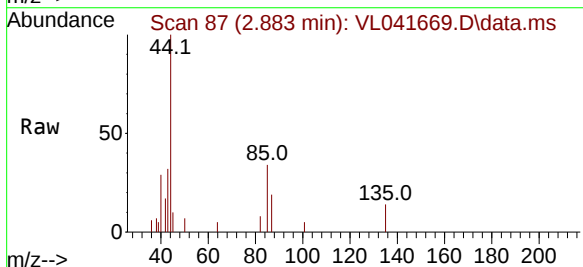
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MSVOA_L
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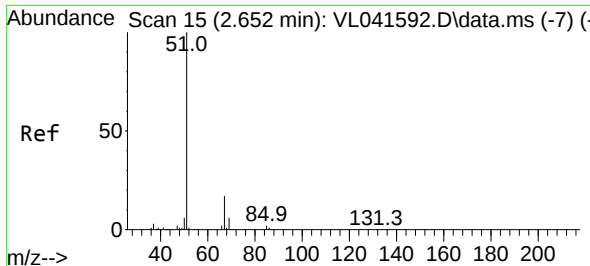
Tgt Ion: 49 Resp: 949351
Ion Ratio Lower Upper
49 100
128 48.4 23.8 71.5
130 61.8 30.4 91.3



#2
Dichlorodifluoromethane
Concen: 0.002 ppbv
RT: 2.883 min Scan# 87
Delta R.T. 0.174 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 85 Resp: 328
Ion Ratio Lower Upper
85 100
87 33.0 26.3 39.5

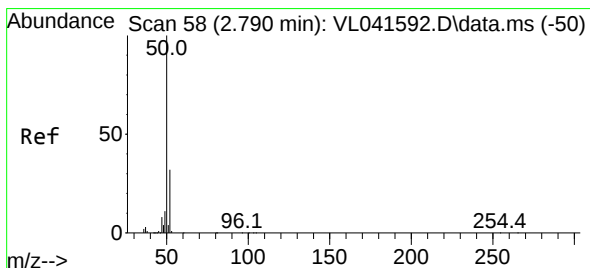
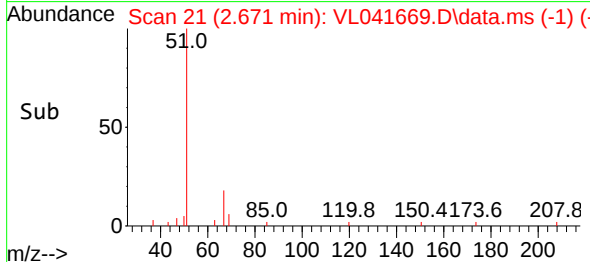
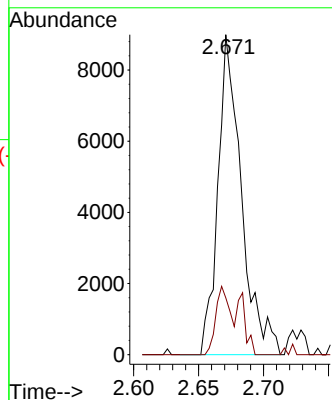
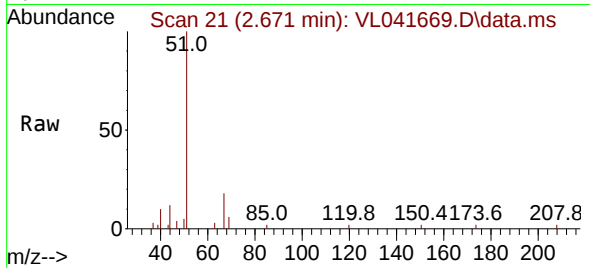




#3
Chlorodifluoromethane
Concen: 0.098 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

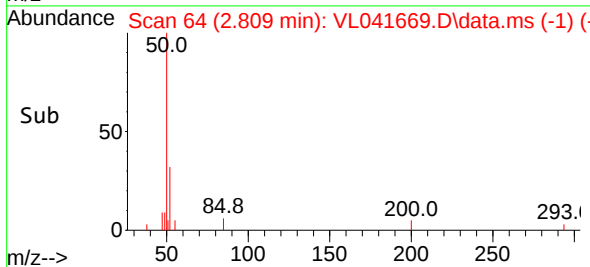
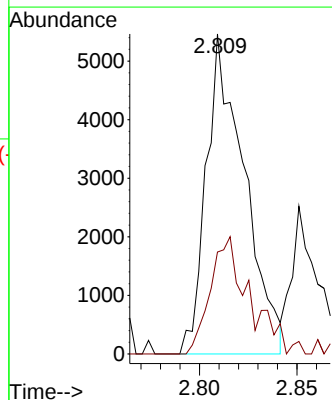
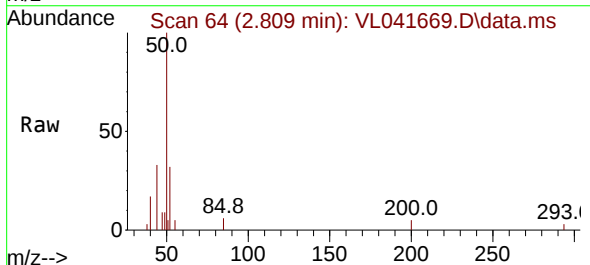
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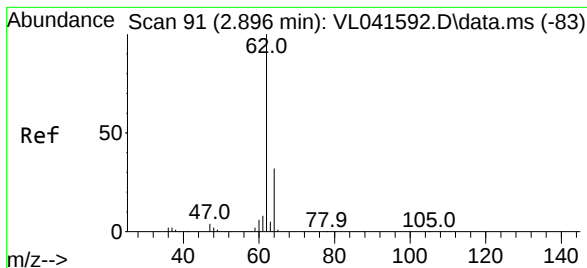
Tgt Ion: 51 Resp: 11290
Ion Ratio Lower Upper
51 100
67 20.3 14.1 21.1



#4
Chloromethane
Concen: 0.117 ppbv
RT: 2.809 min Scan# 64
Delta R.T. 0.019 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 50 Resp: 7395
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.2

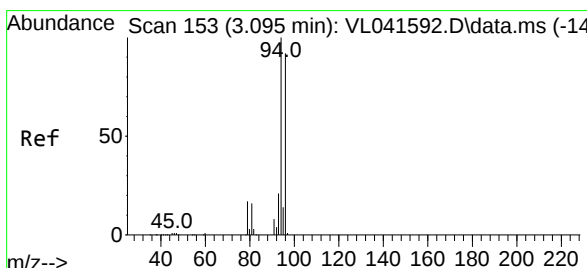
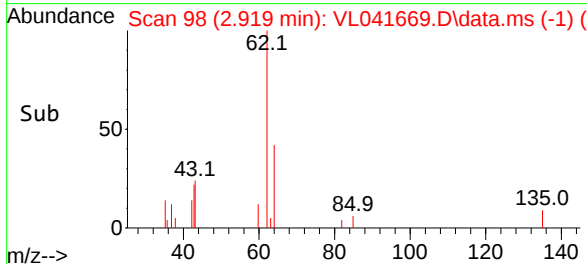
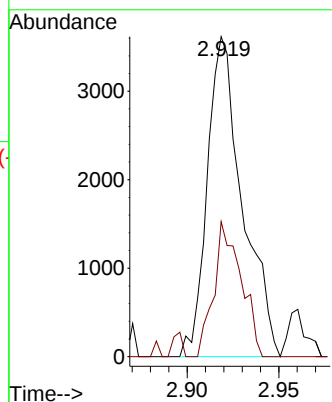
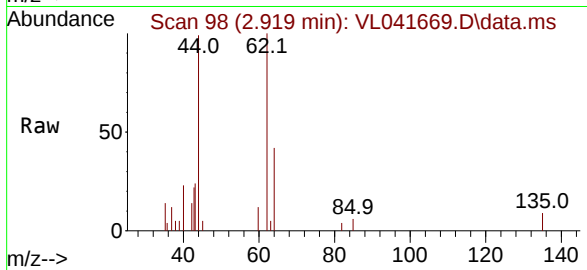




#5
 Vinyl Chloride
 Concen: 0.088 ppbv
 RT: 2.919 min Scan# 91
 Delta R.T. 0.023 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

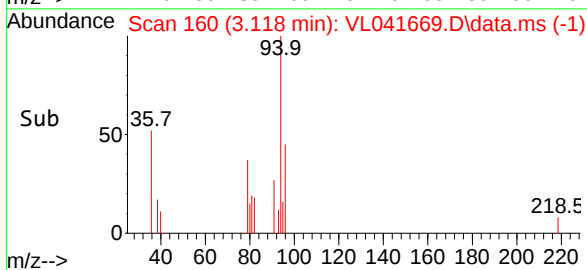
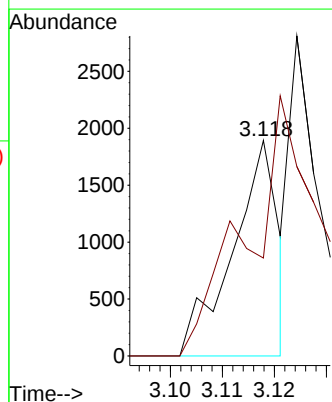
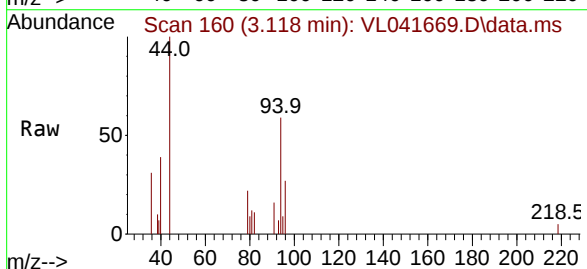
Instrument :
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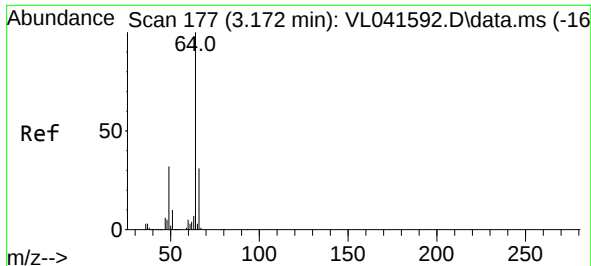
Tgt Ion: 62 Resp: 4828
 Ion Ratio Lower Upper
 62 100
 64 42.2 26.0 39.0#



#6
 Bromomethane
 Concen: 0.042 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.023 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

Tgt Ion: 94 Resp: 1150
 Ion Ratio Lower Upper
 94 100
 96 45.5 73.4 110.2#

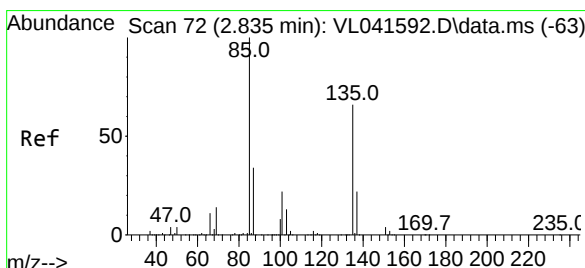
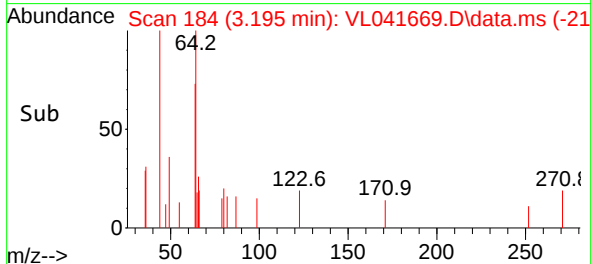
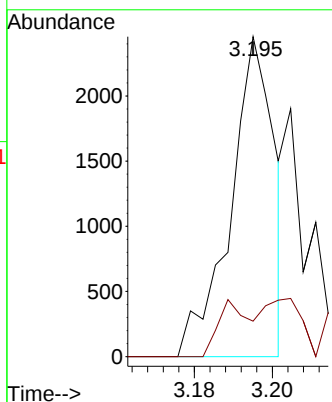
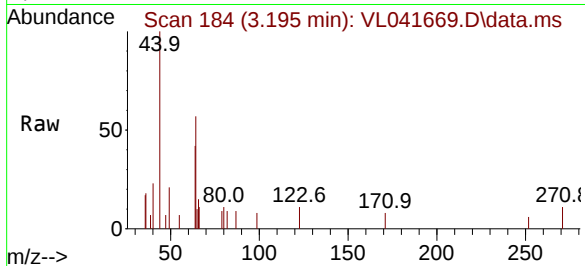




#7
Chloroethane
Concen: 0.090 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.023 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

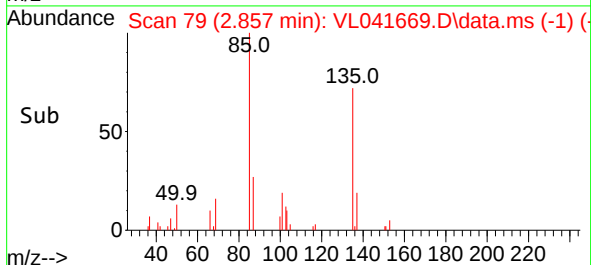
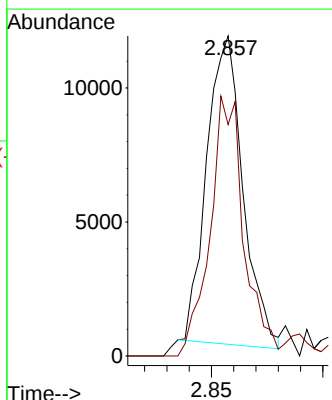
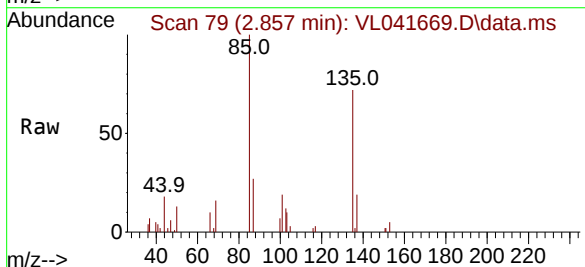
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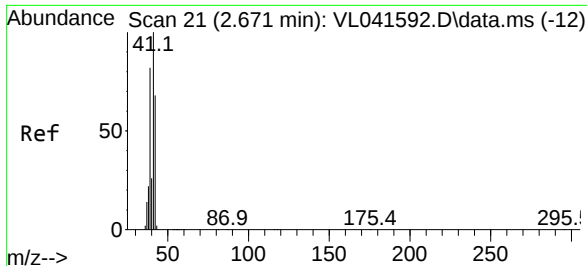
Tgt Ion: 64 Resp: 1911
Ion Ratio Lower Upper
64 100
66 11.1 25.1 37.7#



#8
Dichlorotetrafluoroethane
Concen: 0.090 ppbv
RT: 2.857 min Scan# 79
Delta R.T. 0.023 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 85 Resp: 12977
Ion Ratio Lower Upper
85 100
135 87.0 53.9 80.9#

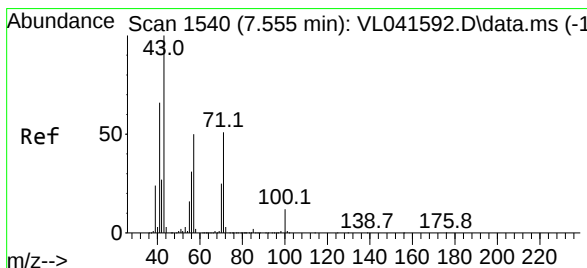
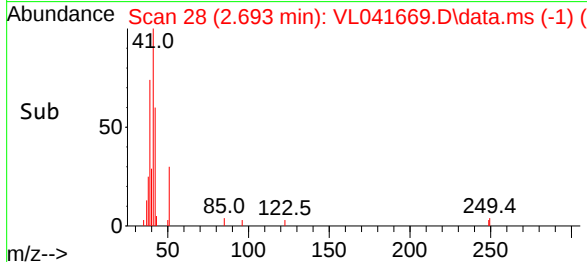
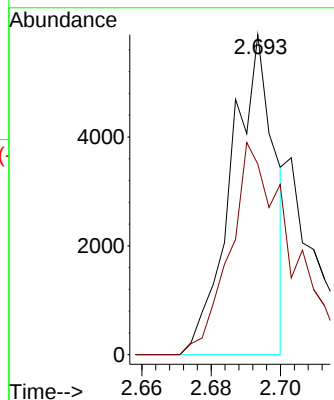
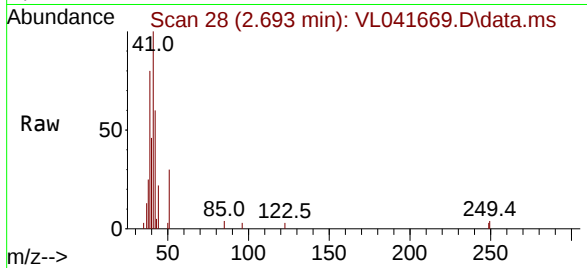




#9
 Propene
 Concen: 0.105 ppbv
 RT: 2.693 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

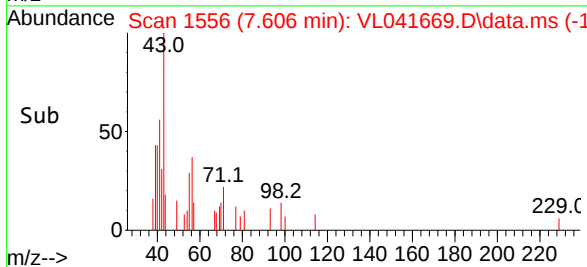
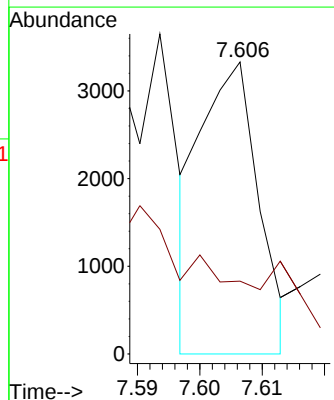
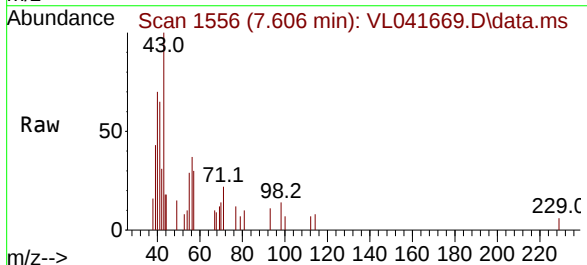
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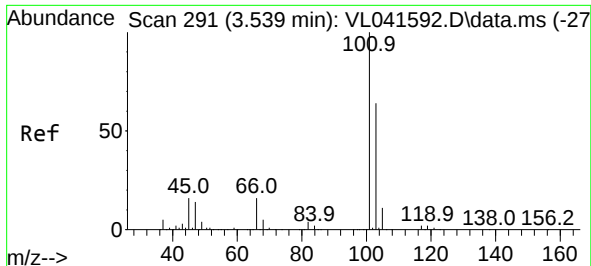
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 Ion Ratio Lower Upper
 41 100
 42 105.4 55.2 82.8#



#10
 Heptane
 Concen: 0.019 ppbv
 RT: 7.606 min Scan# 1556
 Delta R.T. 0.052 min
 Lab File: VL041669.D
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Tgt Ion: 43 Resp: 2151
 Ion Ratio Lower Upper
 43 100
 57 0.0 39.8 59.8#

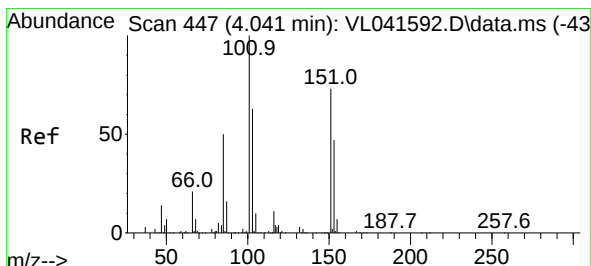
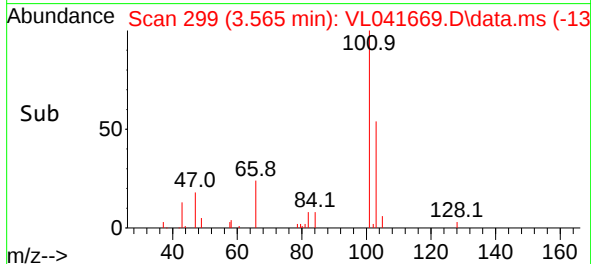
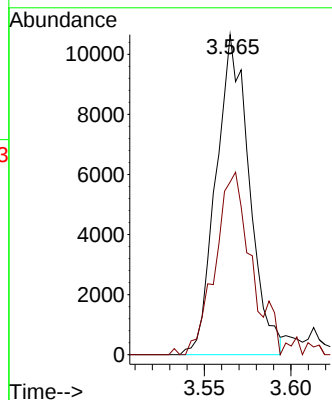
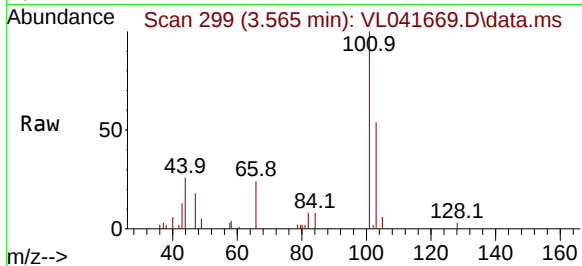




#11
 Trichlorofluoromethane
 Concen: 0.097 ppbv
 RT: 3.565 min Scan# 291
 Delta R.T. 0.026 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

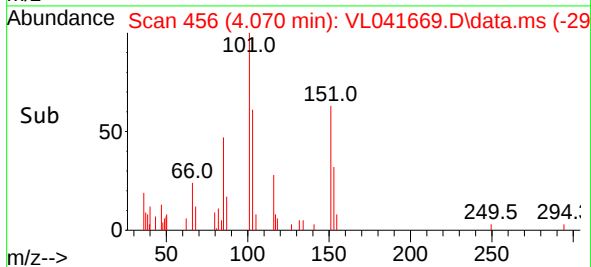
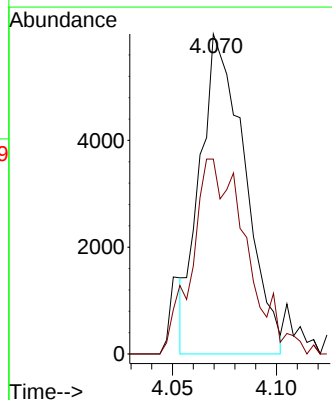
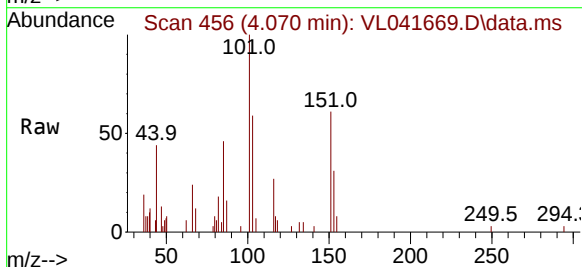
Instrument :
 MSVOA_L
 ClientSampleId :

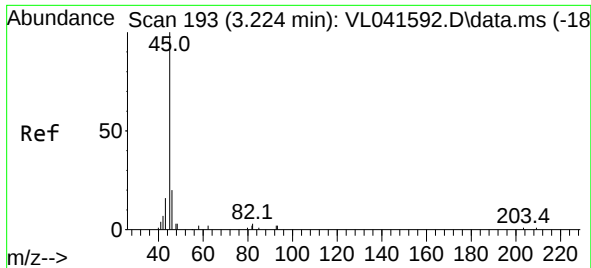
Tgt Ion:101 Resp: 14212
 Ion Ratio Lower Upper
 101 100
 103 53.9 51.2 76.8



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.085 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.029 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

Tgt Ion:101 Resp: 8969
 Ion Ratio Lower Upper
 101 100
 151 74.3 59.4 89.2

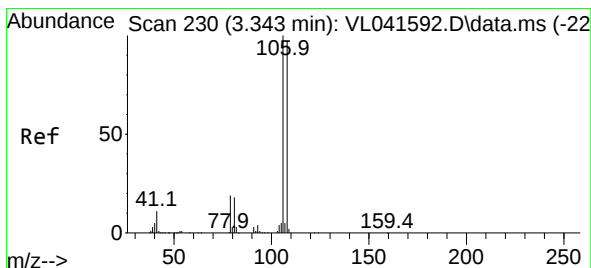
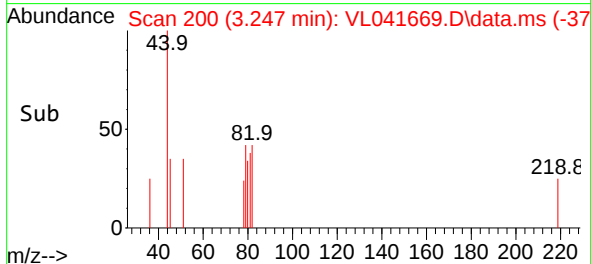
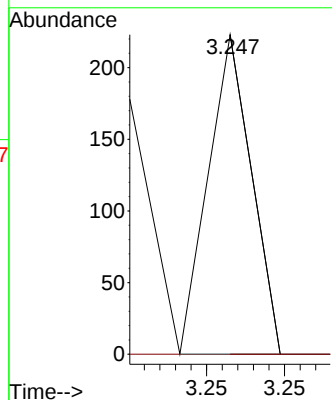
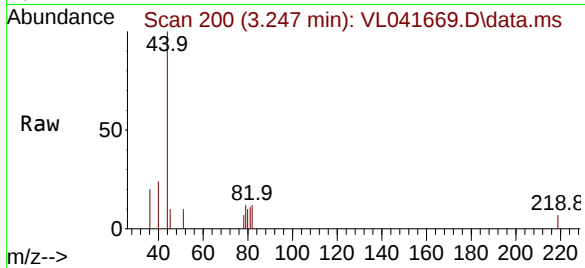




#13
 Ethanol
 Concen: 0.012 ppbv
 RT: 3.247 min Scan# 20
 Delta R.T. 0.023 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

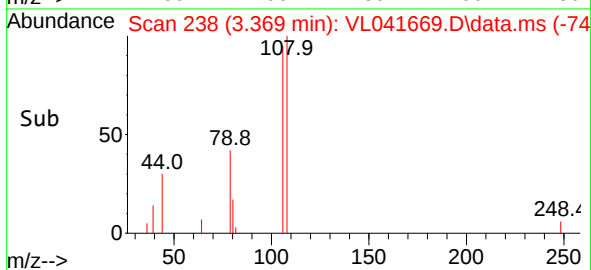
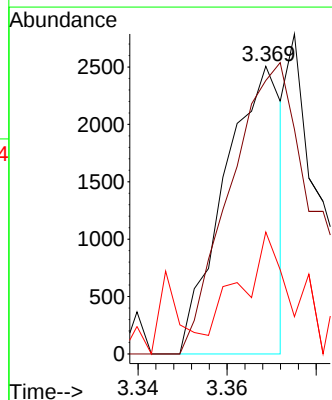
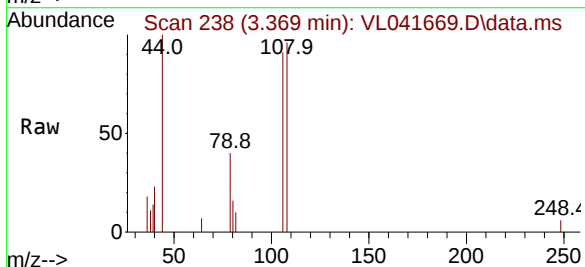
Instrument :
 MSVOA_L
 ClientSampleId :

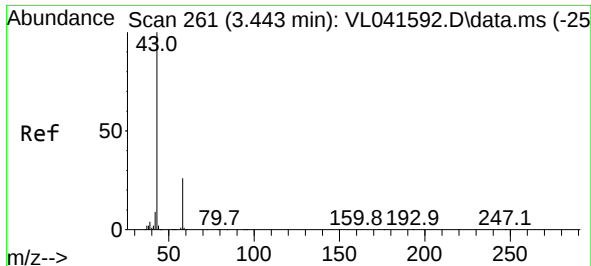
Tgt Ion: 45 Resp: 43
 Ion Ratio Lower Upper
 45 100
 46 0.0 15.2 60.8#



#14
 Bromoethene
 Concen: 0.056 ppbv
 RT: 3.369 min Scan# 238
 Delta R.T. 0.026 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

Tgt Ion: 108 Resp: 2255
 Ion Ratio Lower Upper
 108 100
 106 0.0 86.5 129.7#
 79 60.5 16.2 24.4#

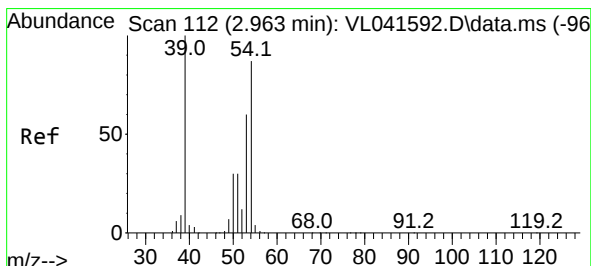
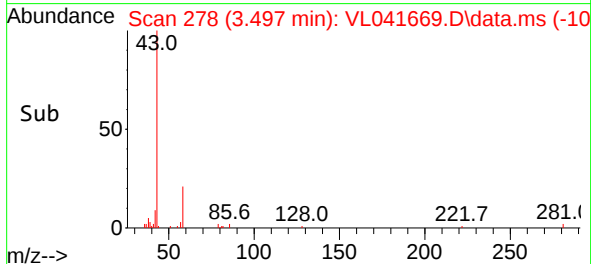
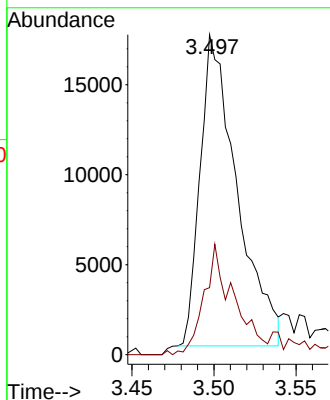
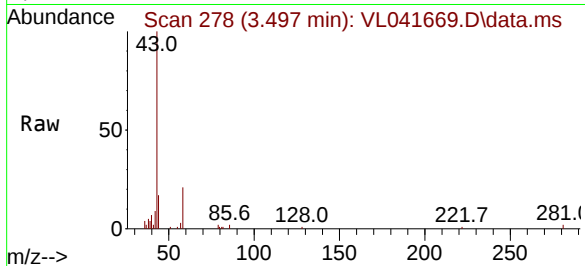




#15
Acetone
Concen: 0.227 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.055 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

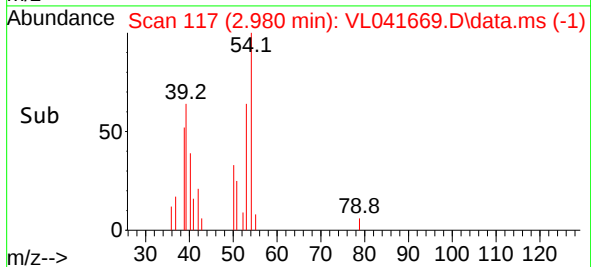
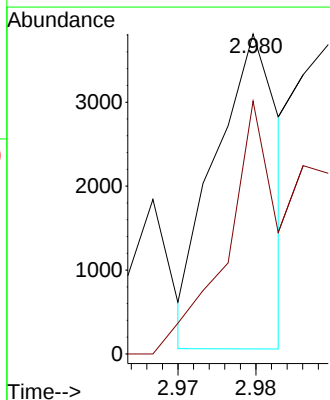
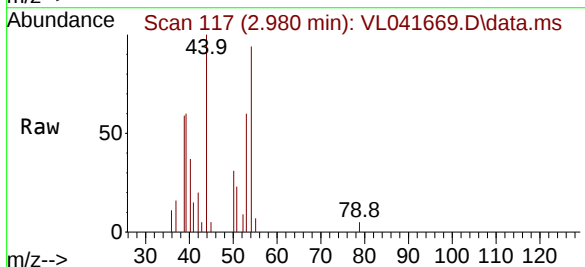
Instrument :
MSVOA_L
ClientSampleId :

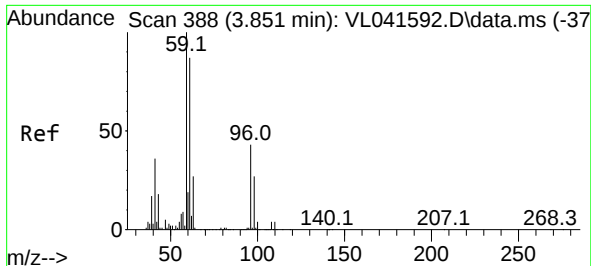
Tgt Ion: 43 Resp: 27001
Ion Ratio Lower Upper
43 100
58 31.0 21.5 32.3



#16
1,3-Butadiene
Concen: 0.037 ppbv
RT: 2.980 min Scan# 117
Delta R.T. 0.016 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 39 Resp: 2150
Ion Ratio Lower Upper
39 100
54 164.7 62.9 94.3#





#17

tert-Butyl alcohol

Concen: 0.001 ppbv

RT: 3.886 min Scan# 391

Delta R.T. 0.035 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

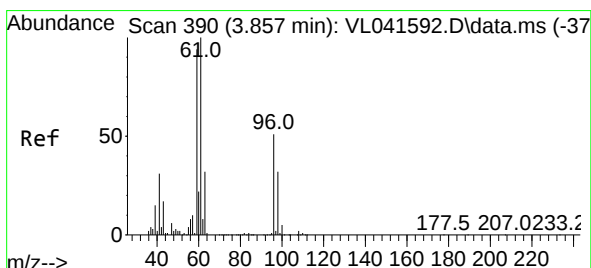
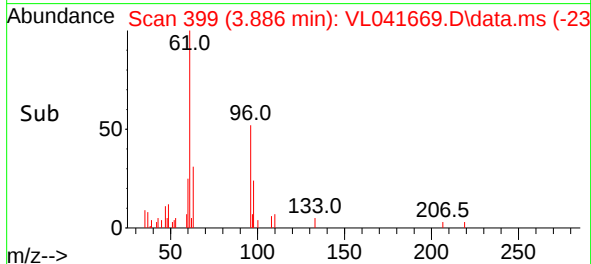
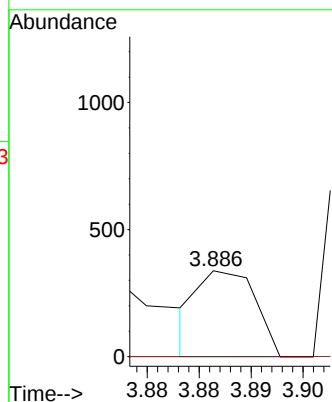
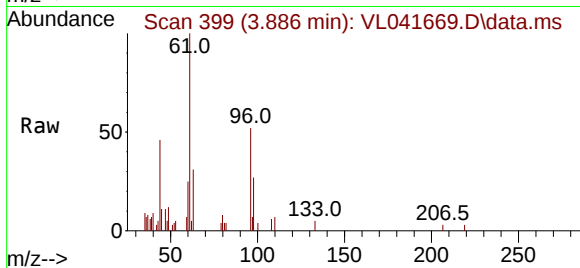
ClientSampleId :

Tgt Ion: 59 Resp: 125

Ion Ratio Lower Upper

59 100

57 0.0 8.7 13.1#



#18

1,1-Dichloroethene

Concen: 0.067 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.026 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

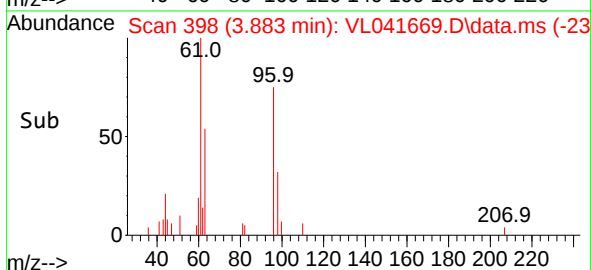
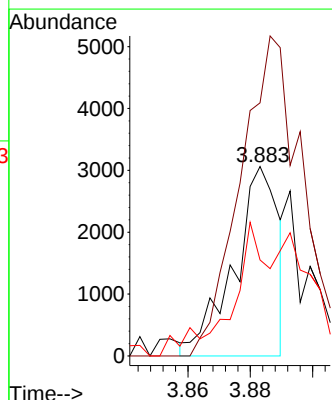
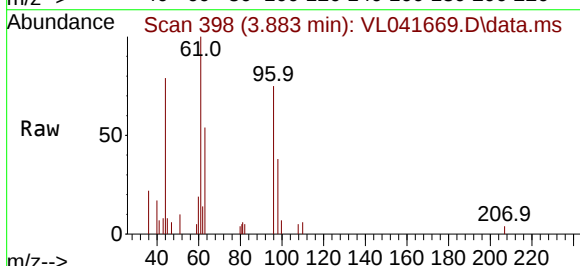
Tgt Ion: 96 Resp: 3006

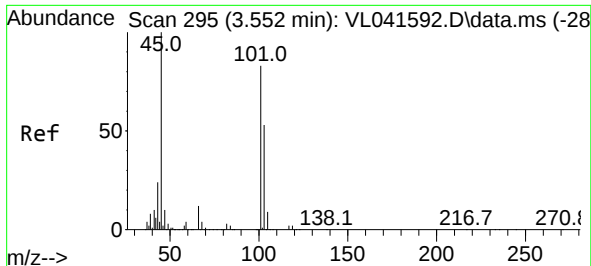
Ion Ratio Lower Upper

96 100

61 143.5 155.6 233.4#

98 49.0 50.6 75.8#





#19

Isopropyl Alcohol

Concen: 0.002 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.029 min

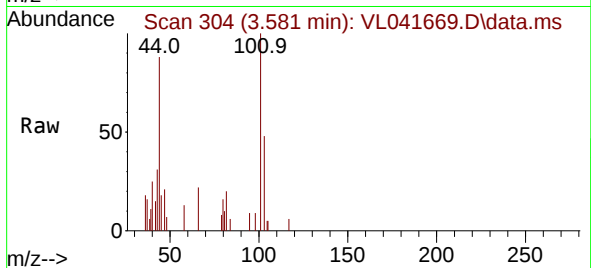
Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

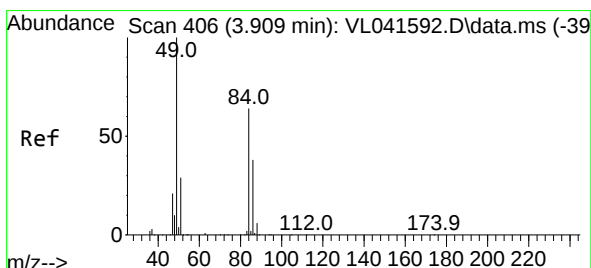
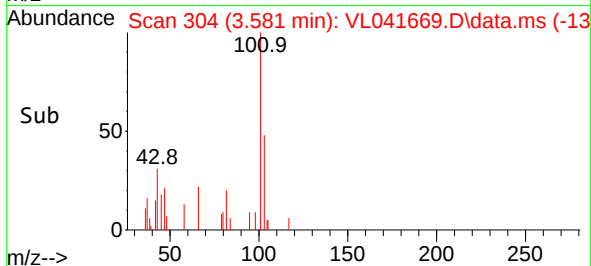
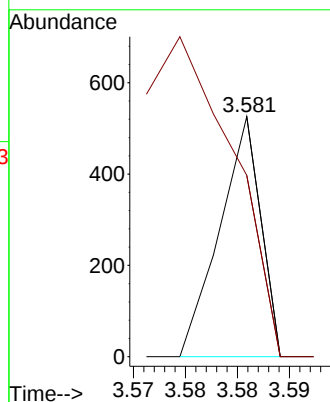


Tgt Ion: 45 Resp: 144

Ion Ratio Lower Upper

45 100

58 0.0 2.1 3.1#



#20

Methylene Chloride

Concen: 0.203 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.029 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Tgt Ion: 84 Resp: 9068

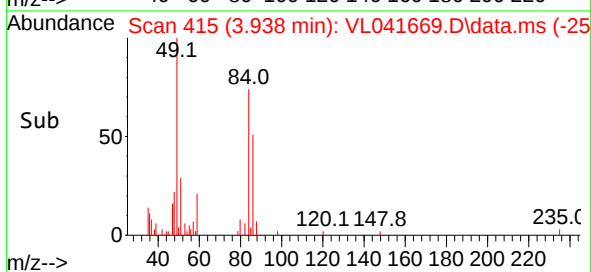
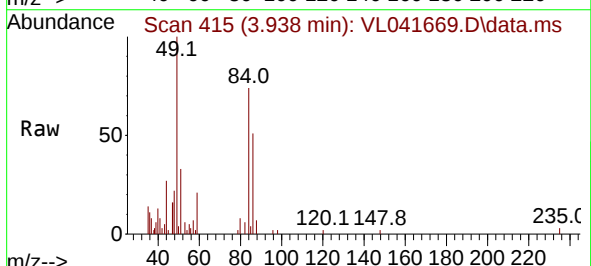
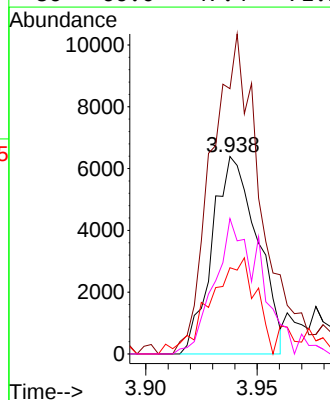
Ion Ratio Lower Upper

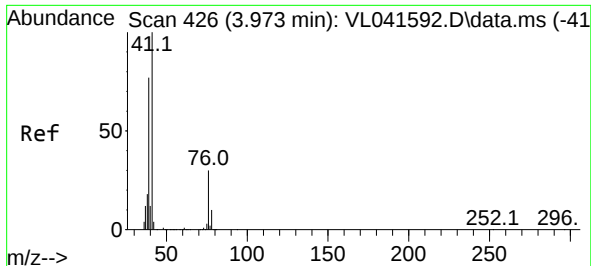
84 100

49 128.2 124.3 186.5

51 38.3 36.3 54.5

86 66.0 47.4 71.2

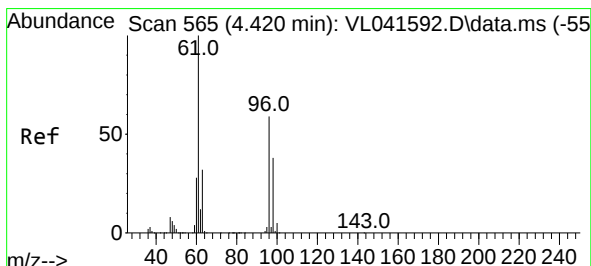
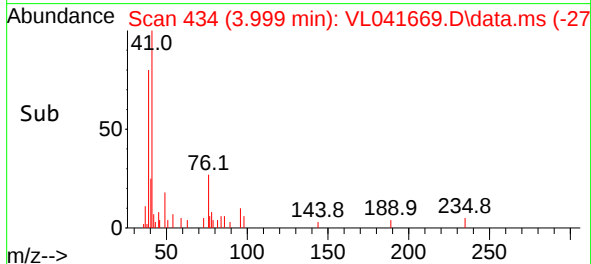
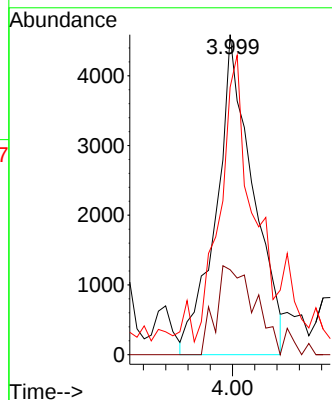
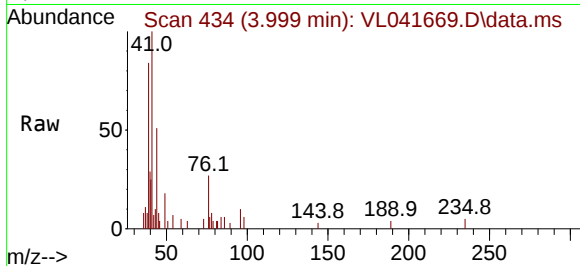




#21
 Allyl Chloride
 Concen: 0.076 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

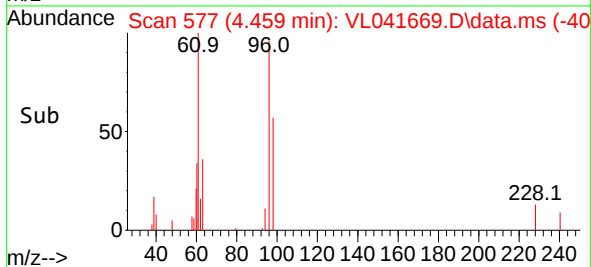
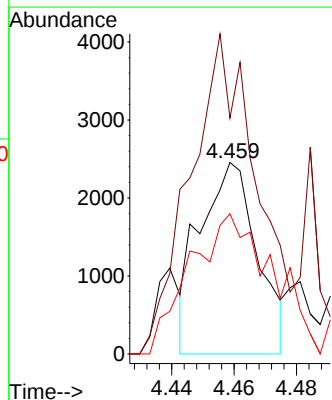
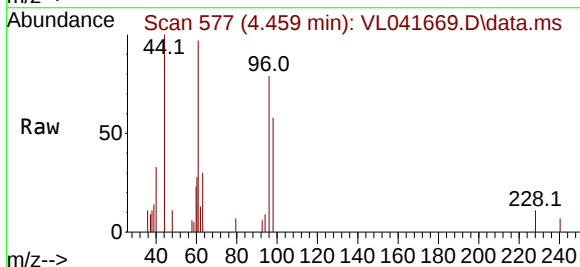
Instrument :
 MSVOA_L
 ClientSampleId :

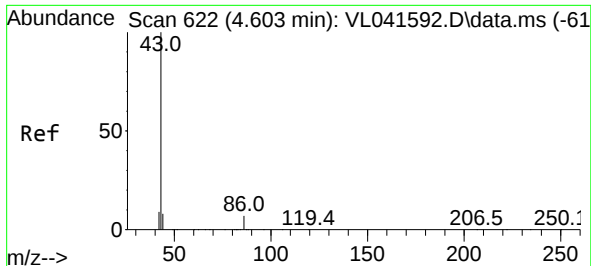
Tgt Ion: 41 Resp: 5268
 Ion Ratio Lower Upper
 41 100
 76 31.9 23.8 35.6
 39 123.1 63.9 95.9#



#22
 trans-1,2-Dichloroethene
 Concen: 0.070 ppbv
 RT: 4.459 min Scan# 577
 Delta R.T. 0.039 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

Tgt Ion: 96 Resp: 3137
 Ion Ratio Lower Upper
 96 100
 61 92.2 135.7 203.5#
 98 61.3 50.9 76.3

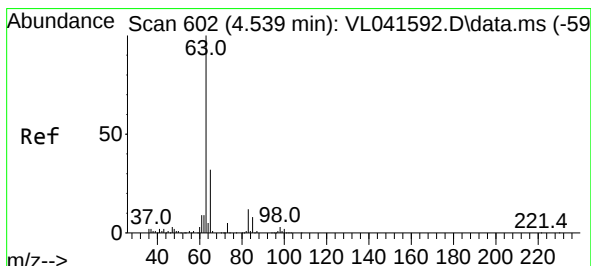
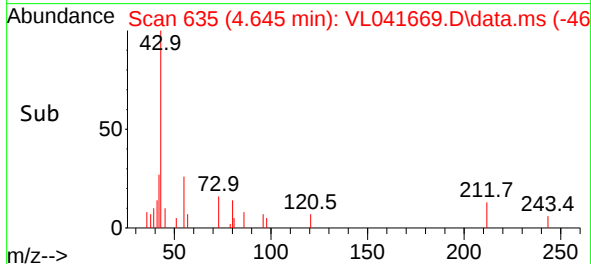
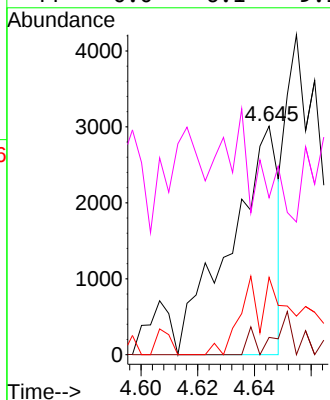
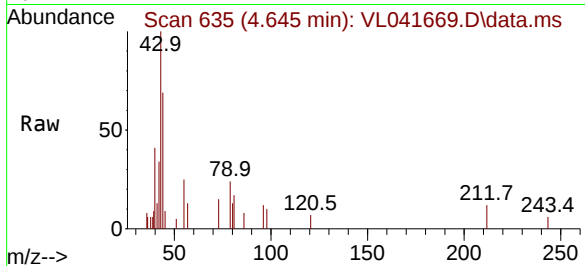




#23
Vinyl Acetate
Concen: 0.054 ppbv
RT: 4.645 min Scan# 612
Delta R.T. 0.042 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

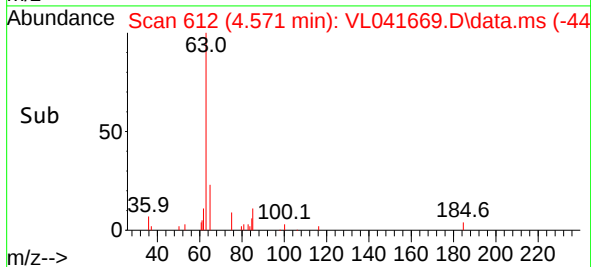
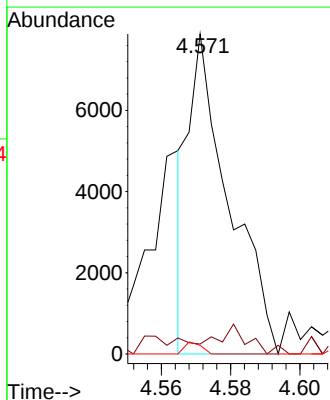
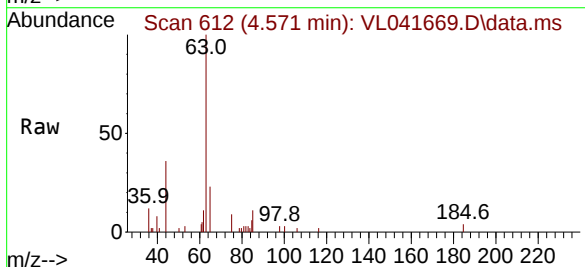
Instrument :
MSVOA_L
ClientSampleId :

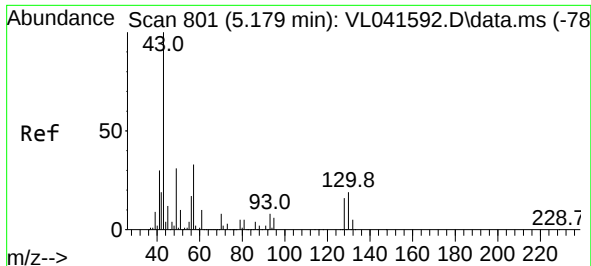
Tgt Ion:	43	Resp:	3520
Ion	Ratio	Lower	Upper
43	100		
86	7.6	4.9	7.3#
42	33.9	8.0	12.0#
44	0.0	6.1	9.1#



#24
1,1-Dichloroethane
Concen: 0.065 ppbv
RT: 4.571 min Scan# 612
Delta R.T. 0.032 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

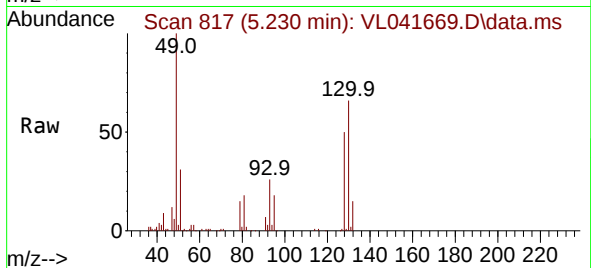
Tgt Ion:	63	Resp:	6377
Ion	Ratio	Lower	Upper
63	100		
98	0.4	1.7	5.1#
100	2.7	1.1	3.3



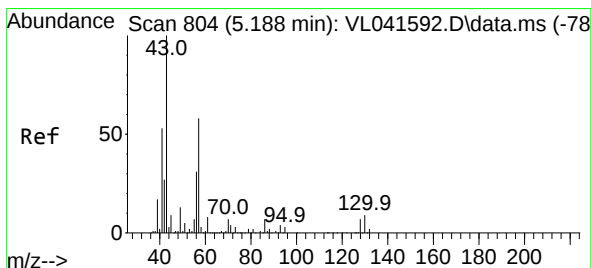
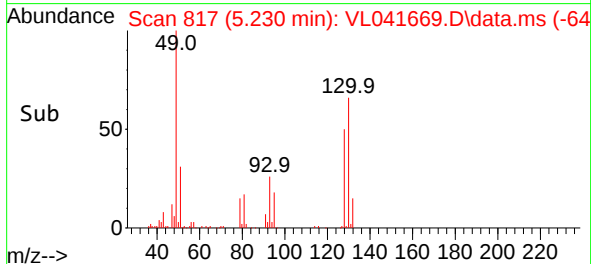
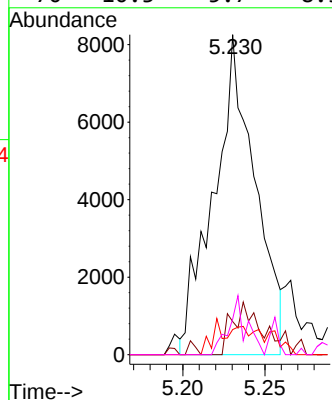


#25
Ethyl Acetate
Concen: 0.067 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.052 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Instrument :
MSVOA_L
ClientSampleId :

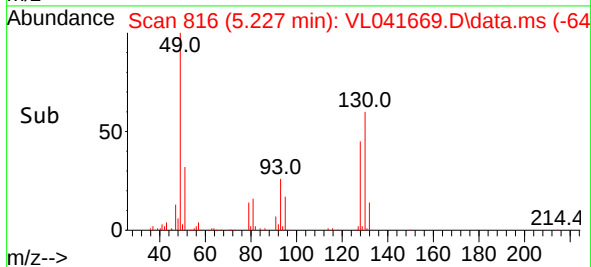
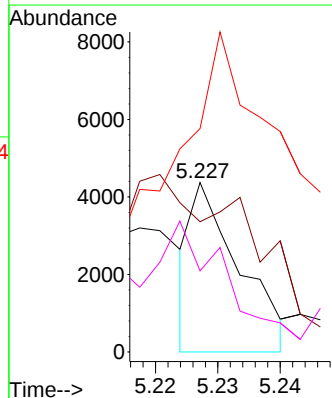
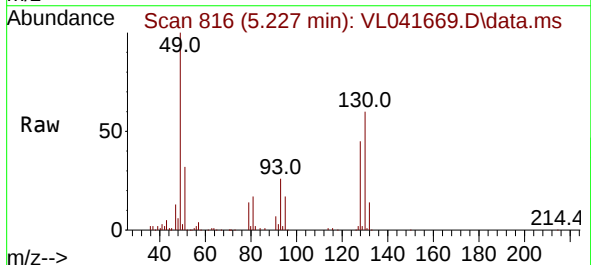


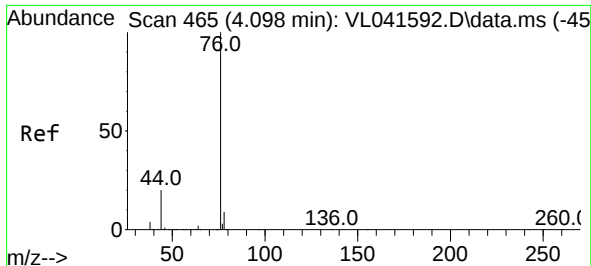
Tgt Ion:	43	Resp:	14429
Ion	Ratio	Lower	Upper
43	100		
45	12.9	8.2	12.2#
61	11.3	8.0	12.0
70	10.3	5.7	8.5#



#26
Hexane
Concen: 0.026 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.039 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion:	57	Resp:	2350
Ion	Ratio	Lower	Upper
57	100		
41	369.2	75.7	113.5#
43	684.0	198.5	297.7#
56	211.1	44.1	66.1#

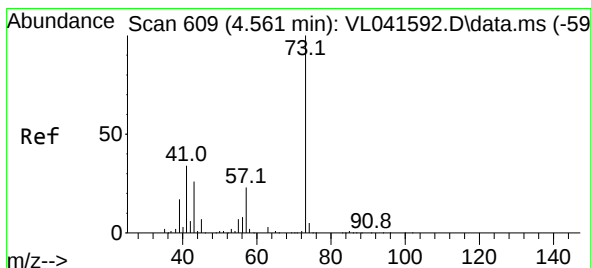
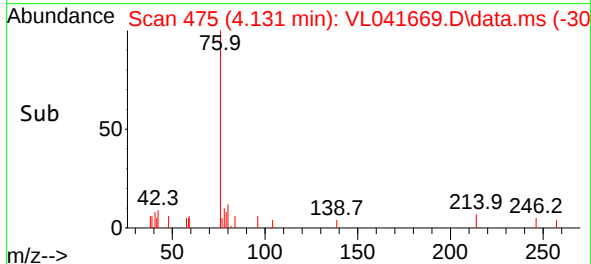
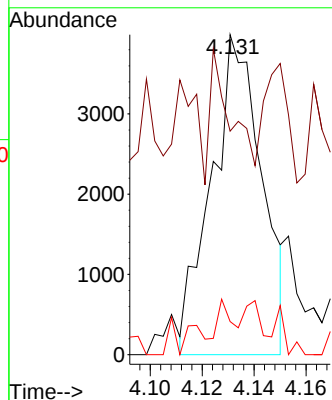
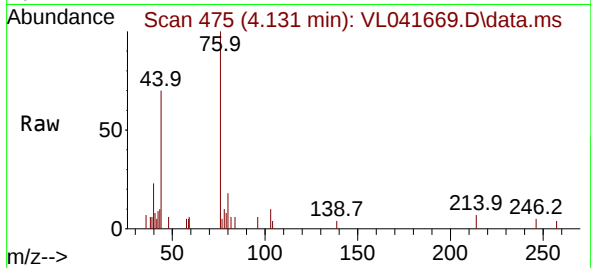




#27
Carbon Disulfide
Concen: 0.056 ppbv
RT: 4.131 min Scan# 41
Delta R.T. 0.032 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

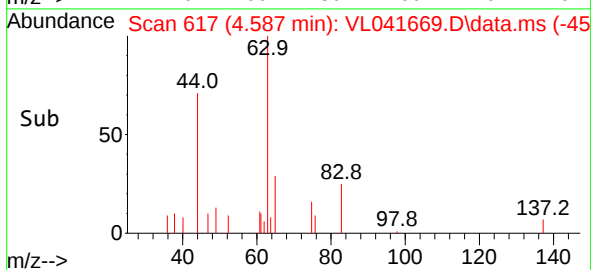
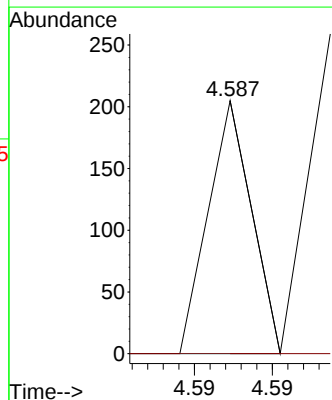
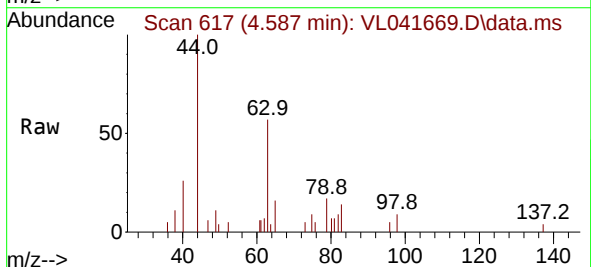
Instrument :
MSVOA_L
ClientSampleId :

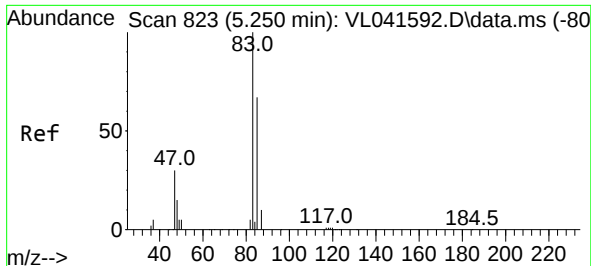
Tgt Ion: 76 Resp: 5345
Ion Ratio Lower Upper
76 100
44 74.7 15.8 23.8#
78 21.6 7.5 11.3#



#28
Methyl tert-Butyl Ether
Concen: 0.001 ppbv
RT: 4.587 min Scan# 617
Delta R.T. 0.026 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 73 Resp: 40
Ion Ratio Lower Upper
73 100
57 0.0 19.3 28.9#





#29

Chloroform

Concen: 0.062 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.032 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

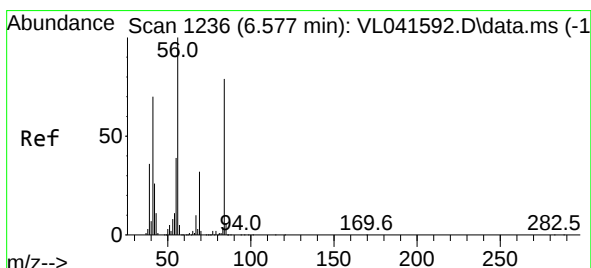
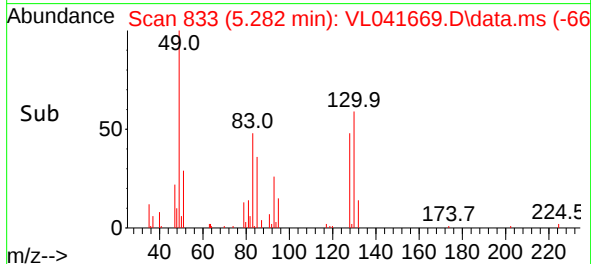
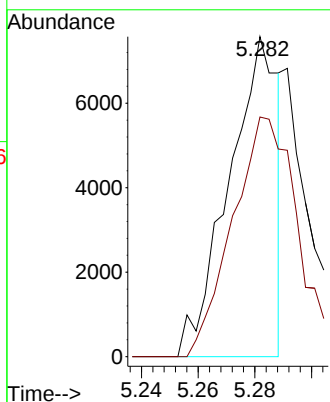
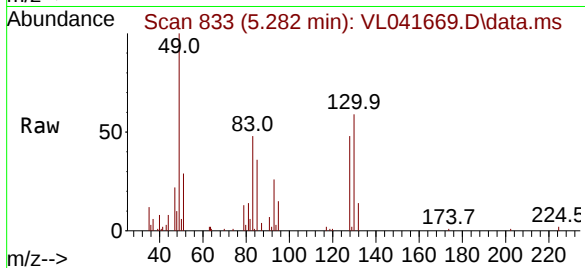
ClientSampleId :

Tgt Ion: 83 Resp: 9059

Ion Ratio Lower Upper

83 100

85 74.9 53.8 80.6



#30

Cyclohexane

Concen: 0.028 ppbv

RT: 6.619 min Scan# 1249

Delta R.T. 0.042 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

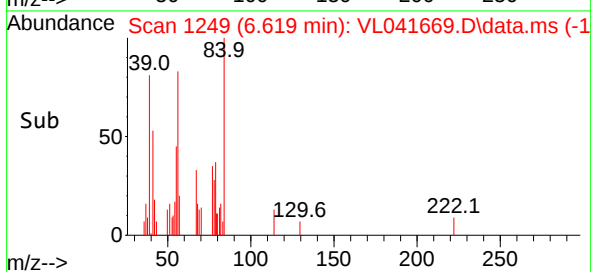
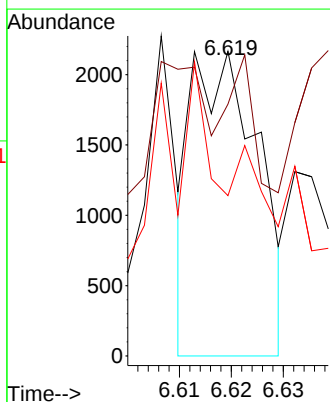
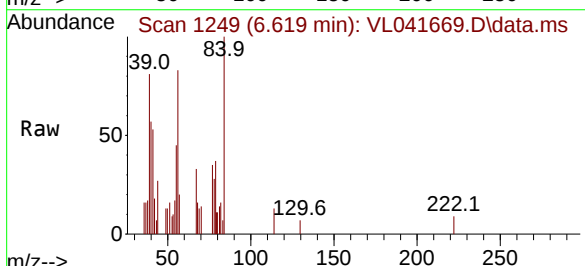
Tgt Ion: 84 Resp: 1921

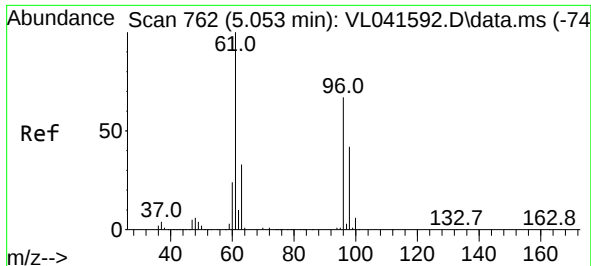
Ion Ratio Lower Upper

84 100

56 0.0 111.5 167.3#

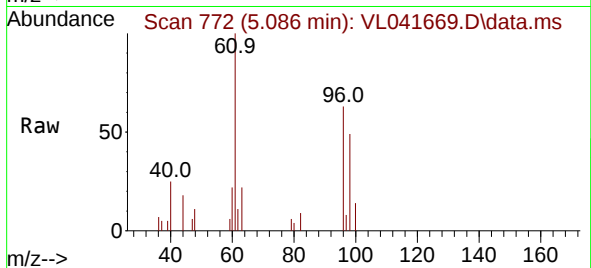
41 0.0 70.9 106.3#



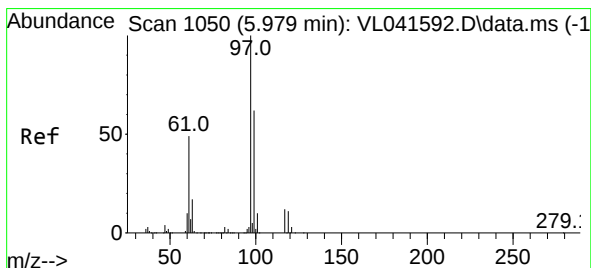
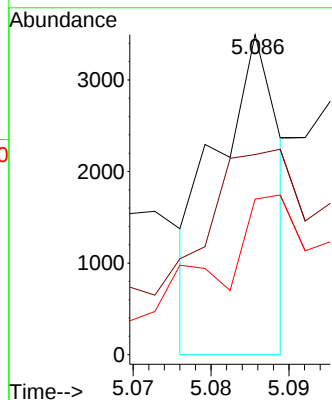
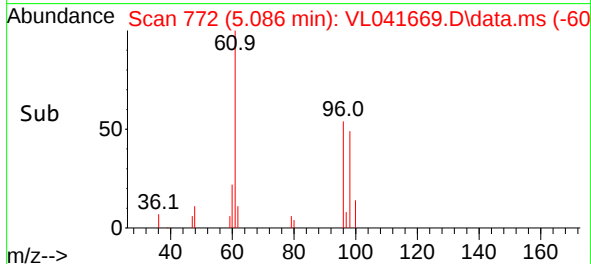


#31
 cis-1,2-Dichloroethene
 Concen: 0.023 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. 0.032 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

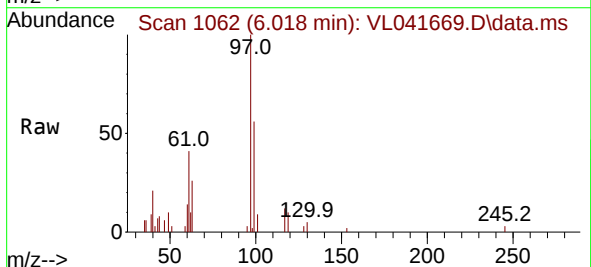
Instrument :
 MSVOA_L
 ClientSampleId :



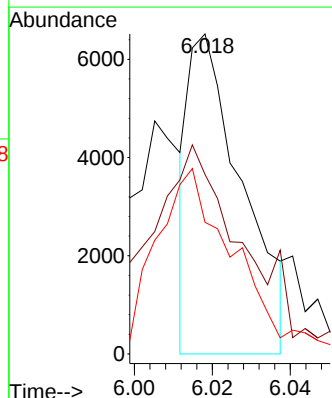
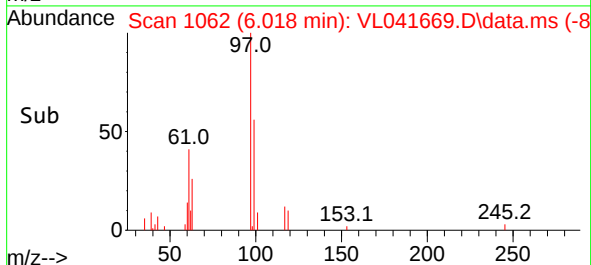
Tgt Ion: 61 Resp: 1990
 Ion Ratio Lower Upper
 61 100
 96 45.2 53.5 80.3#
 98 28.7 33.7 50.5#

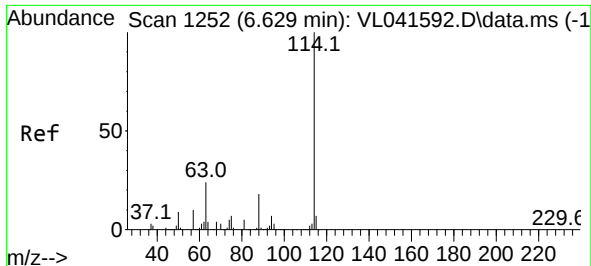


#32
 1,1,1-Trichloroethane
 Concen: 0.048 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.039 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40



Tgt Ion: 97 Resp: 6239
 Ion Ratio Lower Upper
 97 100
 99 125.8 51.0 76.4#
 61 98.1 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: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

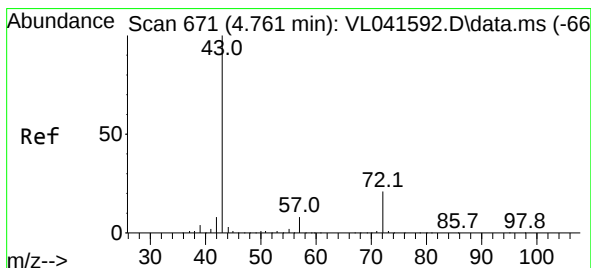
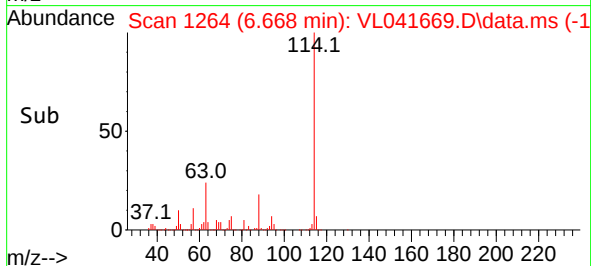
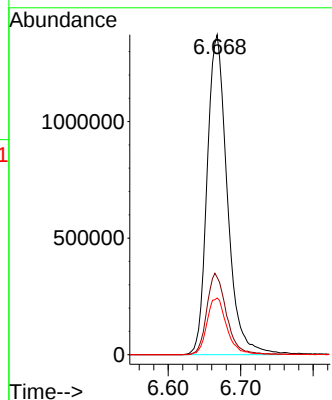
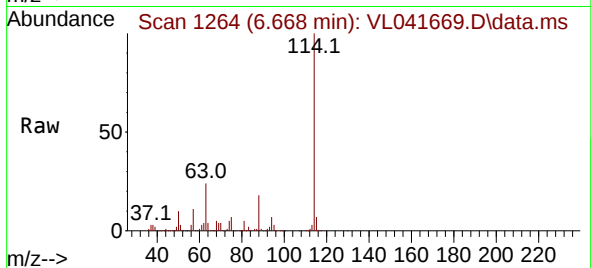
Tgt Ion:114 Resp: 2647068

Ion Ratio Lower Upper

114 100

63 25.0 20.2 30.2

88 17.7 14.2 21.4



#34

2-Butanone

Concen: 0.012 ppbv

RT: 4.809 min Scan# 686

Delta R.T. 0.048 min

Lab File: VL041669.D

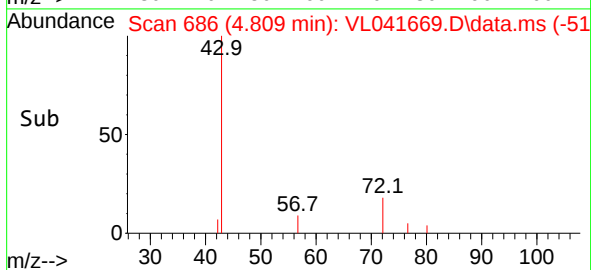
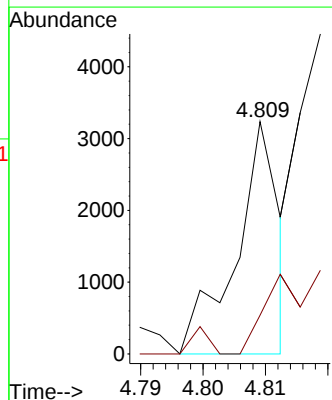
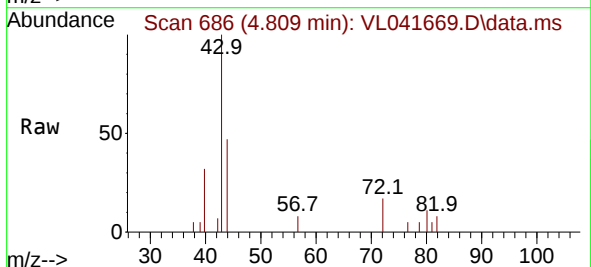
Acq: 14 Oct 2024 15:40

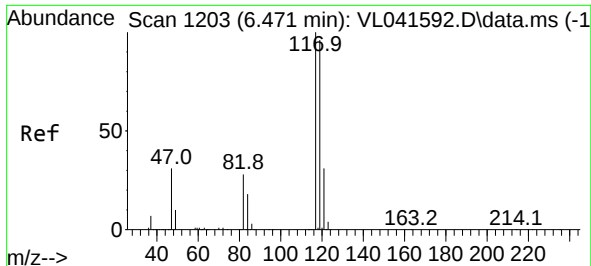
Tgt Ion: 43 Resp: 1560

Ion Ratio Lower Upper

43 100

72 0.0 16.8 25.2#

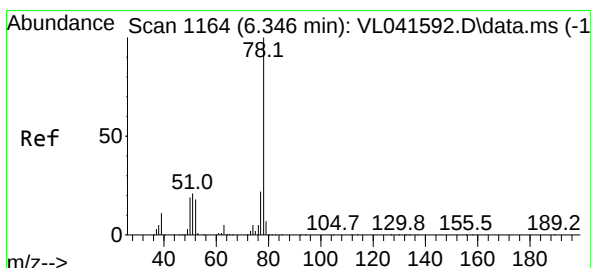
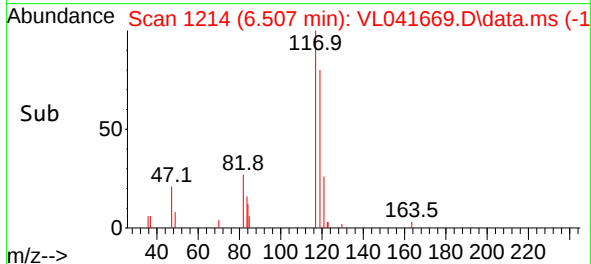
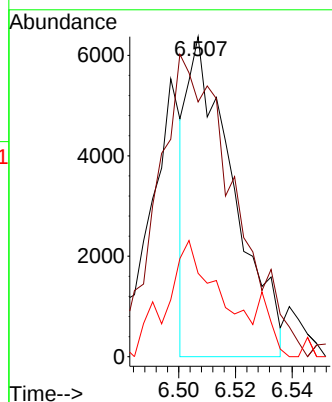
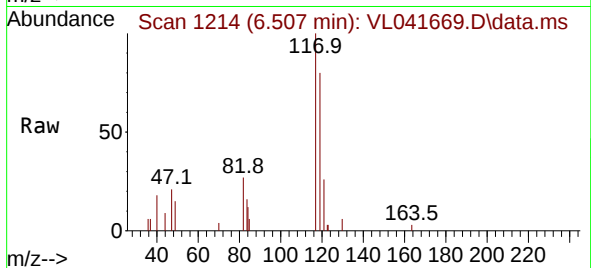




#35
Carbon Tetrachloride
Concen: 0.055 ppbv
RT: 6.507 min Scan# 1177
Delta R.T. 0.035 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

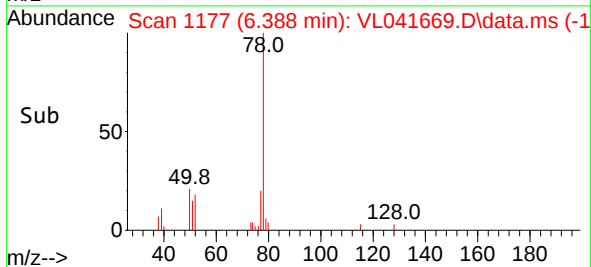
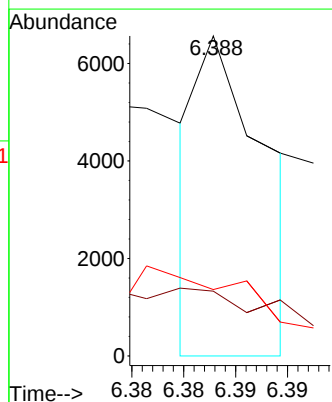
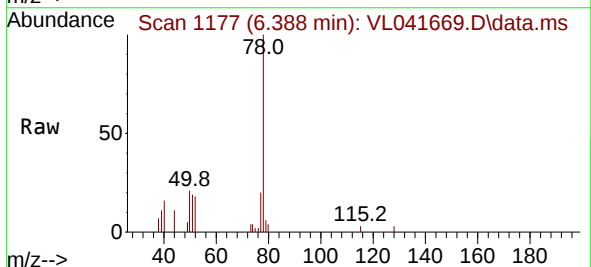
Instrument :
MSVOA_L
ClientSampleId :

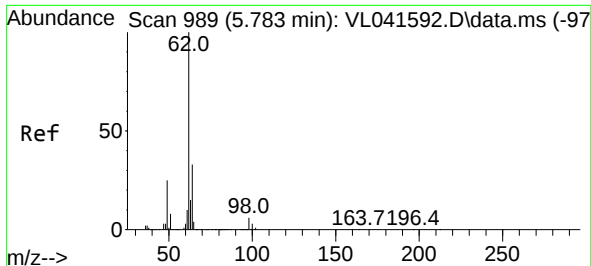
Tgt Ion:117 Resp: 7153
Ion Ratio Lower Upper
117 100
119 72.8 76.8 115.2#
121 26.0 25.0 37.6



#36
Benzene
Concen: 0.016 ppbv
RT: 6.388 min Scan# 1177
Delta R.T. 0.042 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 78 Resp: 2942
Ion Ratio Lower Upper
78 100
77 7.5 17.8 26.6#
50 27.8 15.4 23.0#





#37

1,2-Dichloroethane

Concen: 0.022 ppbv

RT: 5.819 min Scan# 1000

Delta R.T. 0.035 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

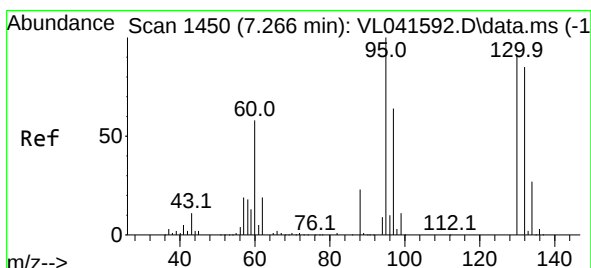
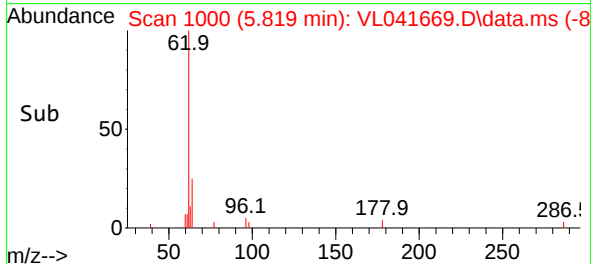
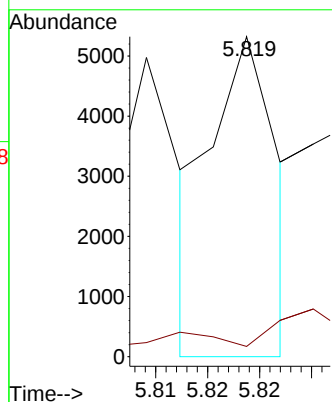
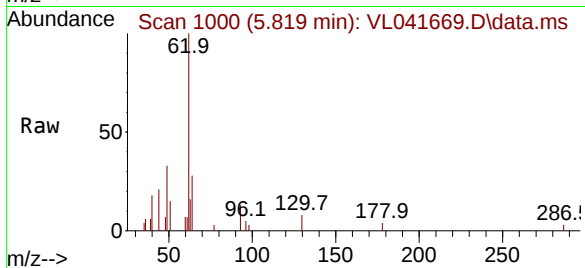
ClientSampleId :

Tgt Ion: 62 Resp: 2324

Ion Ratio Lower Upper

62 100

98 0.0 4.8 7.2#



#38

Trichloroethene

Concen: 0.046 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.045 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Tgt Ion:130 Resp: 4400

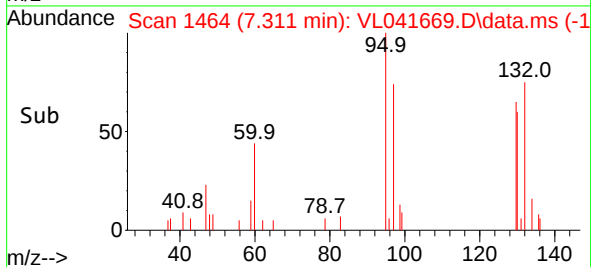
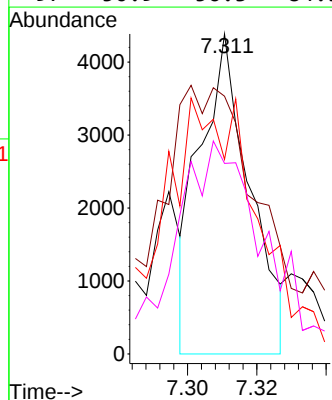
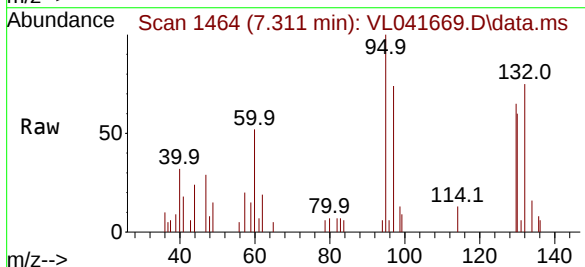
Ion Ratio Lower Upper

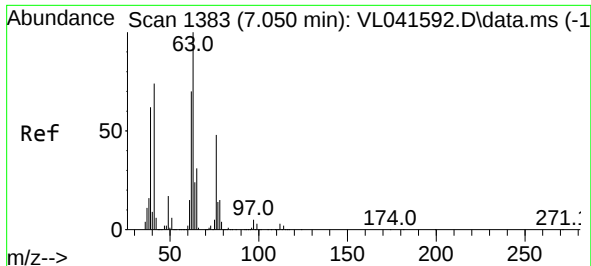
130 100

95 59.9 87.7 131.5#

132 34.4 74.5 111.7#

97 50.9 56.3 84.5#





#39

1,2-Dichloropropane

Concen: 8.764 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.386 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

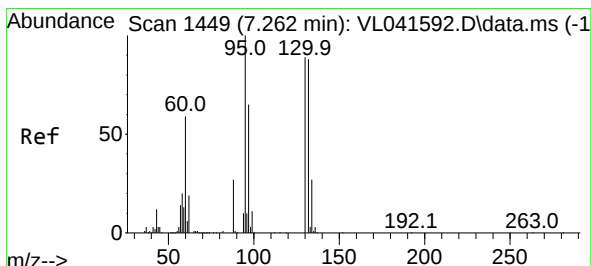
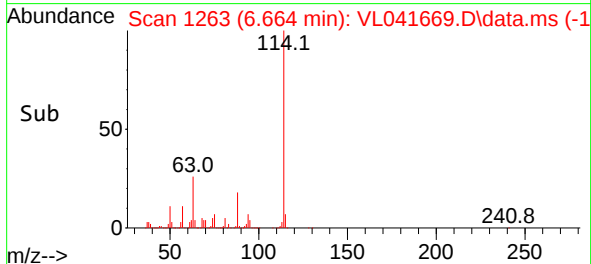
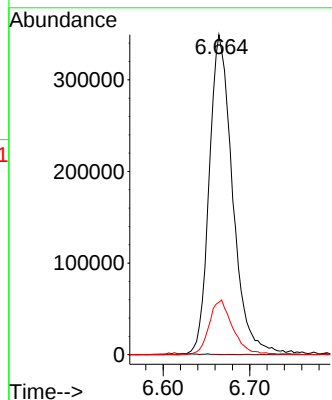
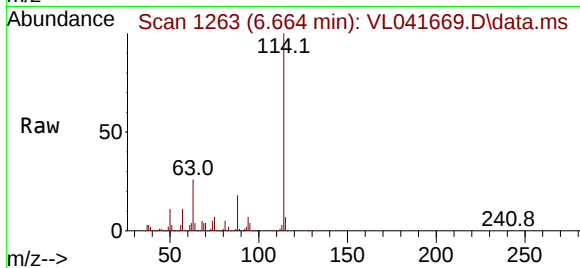
Tgt Ion: 63 Resp: 655435

Ion Ratio Lower Upper

63 100

41 0.0 59.5 89.3#

62 16.4 56.2 84.2#



#40

1,4-Dioxane

Concen: 0.003 ppbv

RT: 7.330 min Scan# 1470

Delta R.T. 0.068 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Tgt Ion: 88 Resp: 96

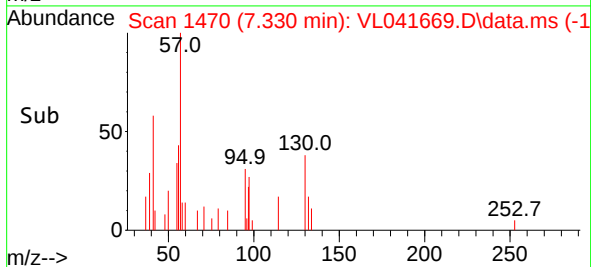
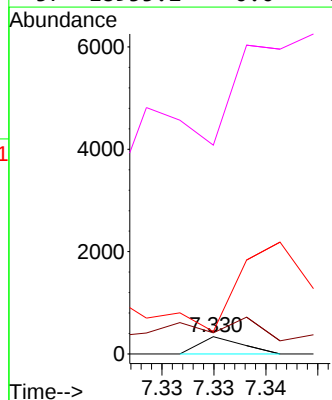
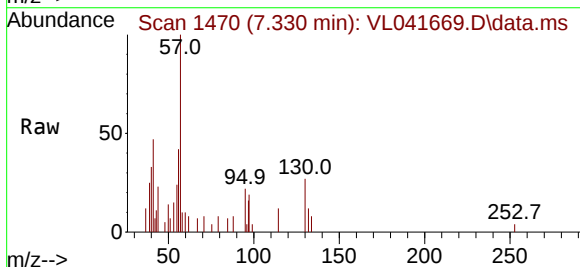
Ion Ratio Lower Upper

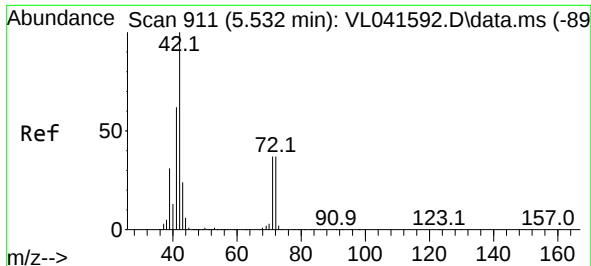
88 100

58 0.0 100.2 150.4#

43 5045.8 0.0 0.0#

57 18955.2 0.0 0.0#

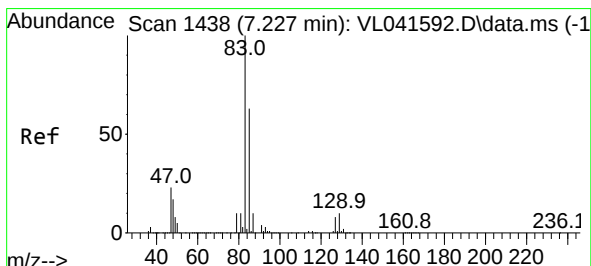
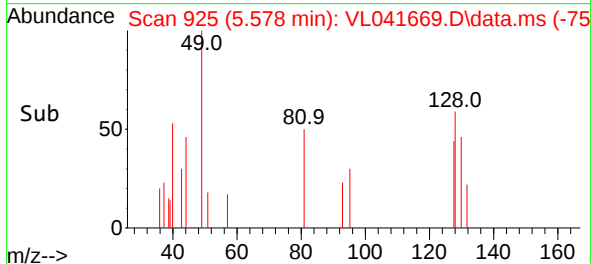
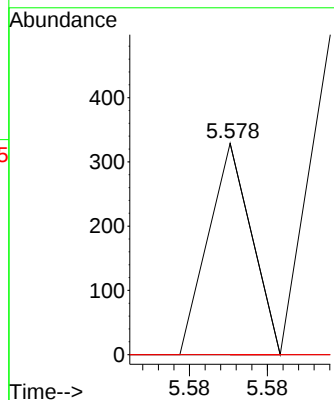
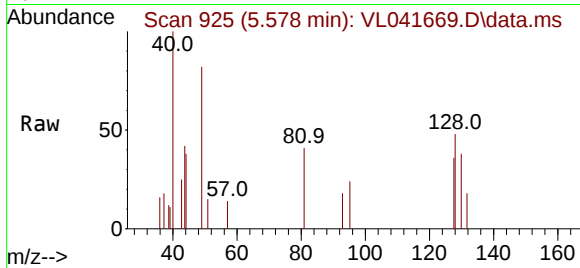




#41
Tetrahydrofuran
Concen: 0.001 ppbv
RT: 5.578 min Scan# 911
Delta R.T. 0.045 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

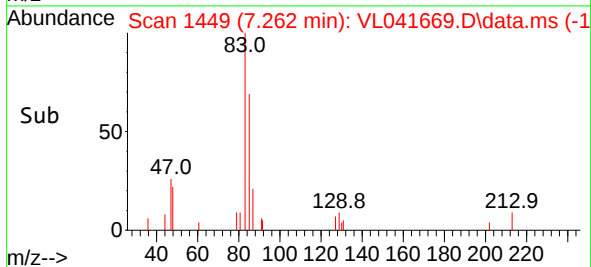
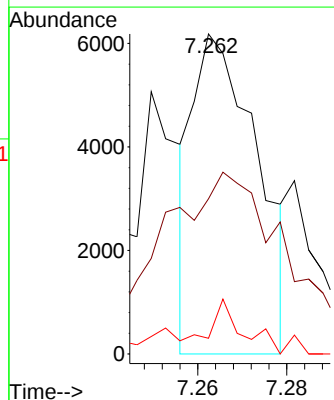
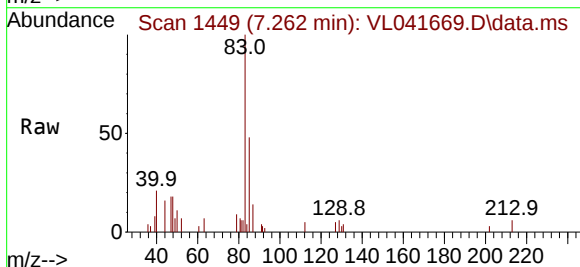
Instrument :
MSVOA_L
ClientSampleId :

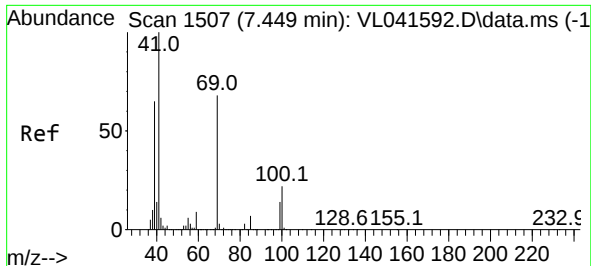
Tgt Ion: 42 Resp: 63
Ion Ratio Lower Upper
42 100
72 0.0 30.2 45.2#
71 0.0 29.6 44.4#



#42
Bromodichloromethane
Concen: 0.042 ppbv
RT: 7.262 min Scan# 1449
Delta R.T. 0.035 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 83 Resp: 6208
Ion Ratio Lower Upper
83 100
85 13.6 50.5 75.7#
127 9.2 6.5 9.7

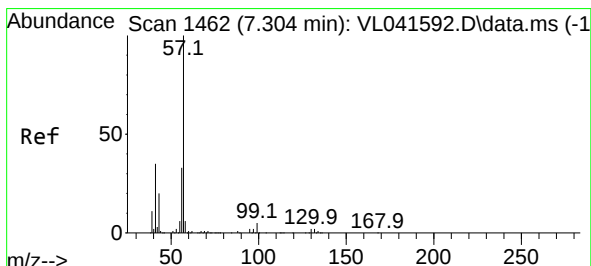
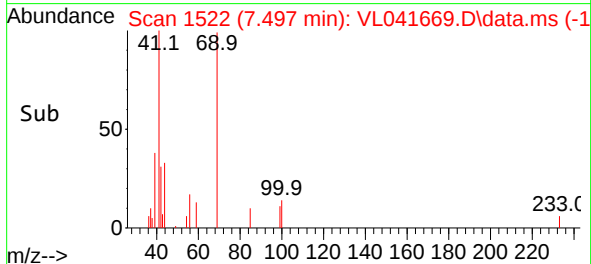
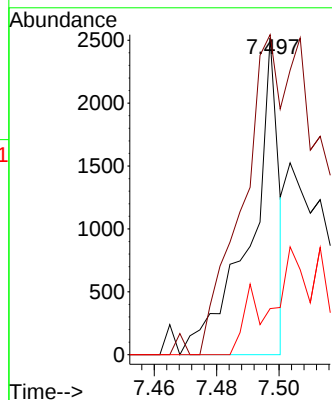
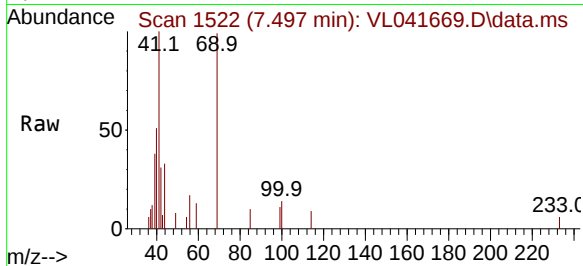




#43
Methyl Methacrylate
Concen: 0.024 ppbv
RT: 7.497 min Scan# 11
Delta R.T. 0.048 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

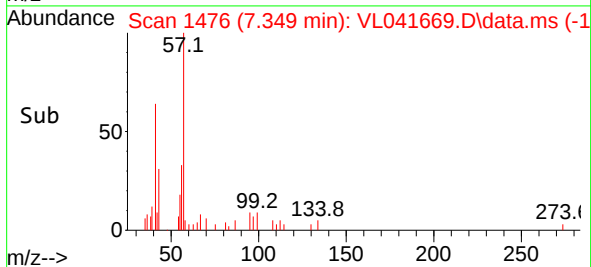
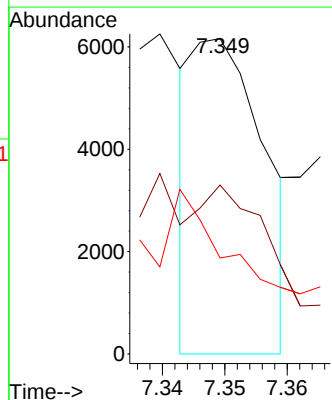
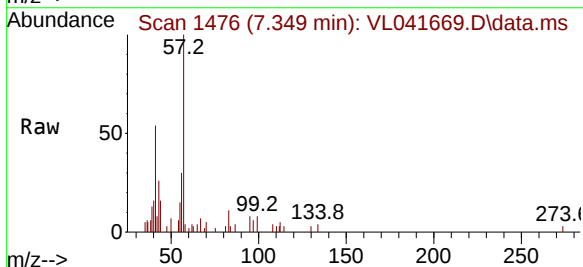
Instrument :
MSVOA_L
ClientSampleId :

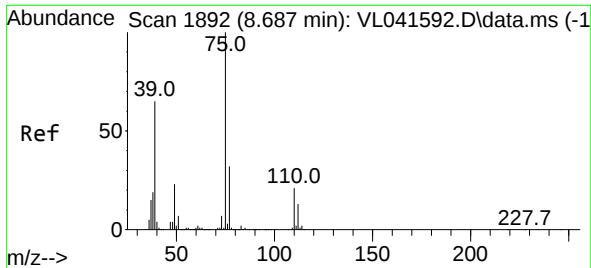
Tgt Ion: 69 Resp: 1573
Ion Ratio Lower Upper
69 100
41 326.6 121.8 182.6#
100 0.0 26.5 39.7#



#44
2,2,4-Trimethylpentane
Concen: 0.015 ppbv
RT: 7.349 min Scan# 1476
Delta R.T. 0.045 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 57 Resp: 4892
Ion Ratio Lower Upper
57 100
41 0.0 27.0 40.6#
56 0.0 25.5 38.3#

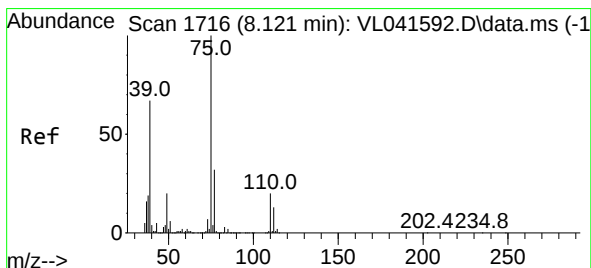
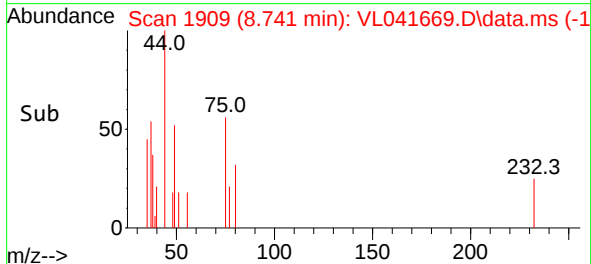
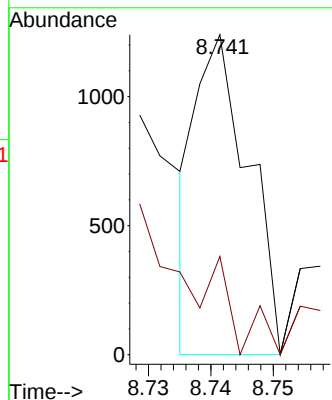
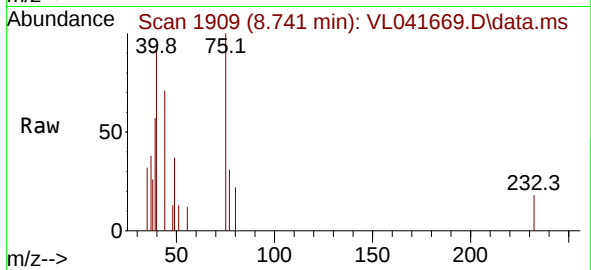




#45
t-1,3-Dichloropropene
Concen: 0.014 ppbv
RT: 8.741 min Scan# 1732
Delta R.T. 0.055 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

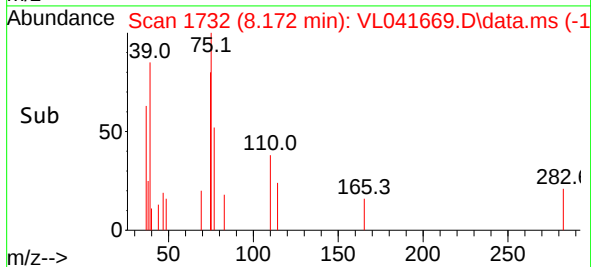
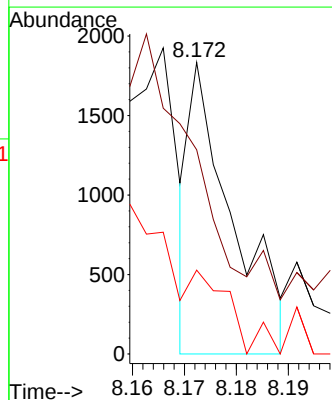
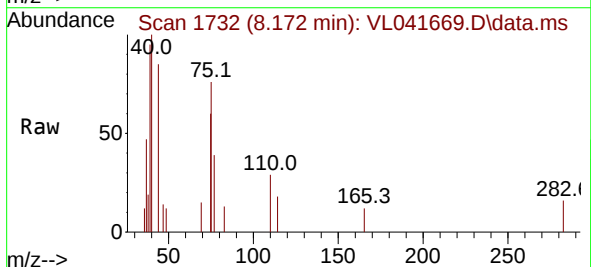
Instrument :
MSVOA_L
ClientSampleId :

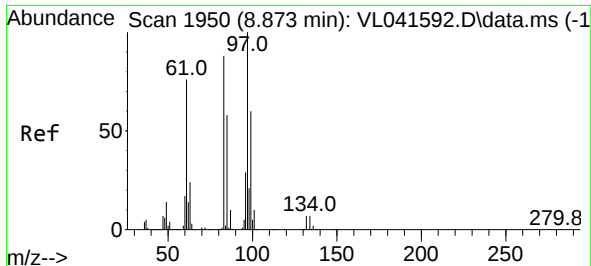
Tgt Ion: 75 Resp: 723
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0



#46
cis-1,3-Dichloropropene
Concen: 0.014 ppbv
RT: 8.172 min Scan# 1732
Delta R.T. 0.052 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 75 Resp: 1063
Ion Ratio Lower Upper
75 100
39 63.6 54.0 81.0
77 35.6 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 0.016 ppbv

RT: 8.928 min Scan# 1950

Delta R.T. 0.055 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 1247

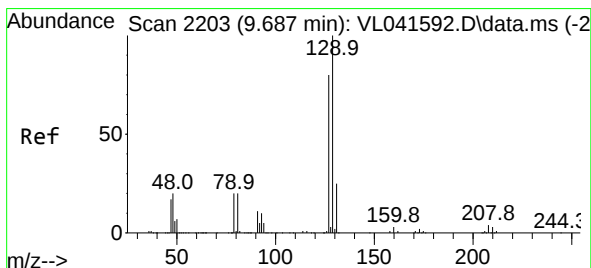
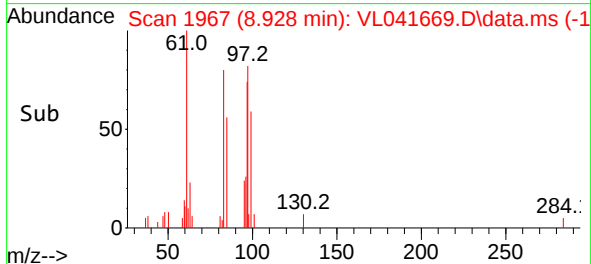
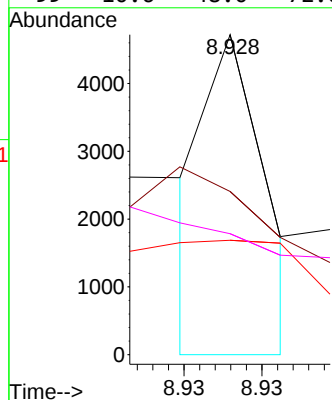
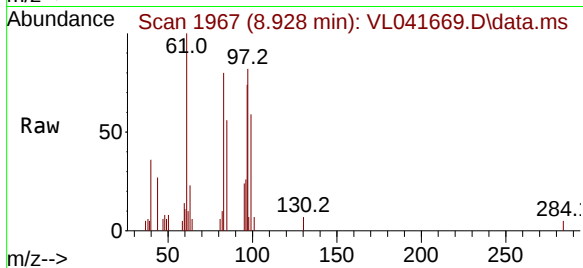
Ion Ratio Lower Upper

97 100

83 22.8 70.2 105.4#

85 1.4 46.3 69.5#

99 10.6 48.0 72.0#



#48

Dibromochloromethane

Concen: 0.012 ppbv

RT: 9.738 min Scan# 2219

Delta R.T. 0.052 min

Lab File: VL041669.D

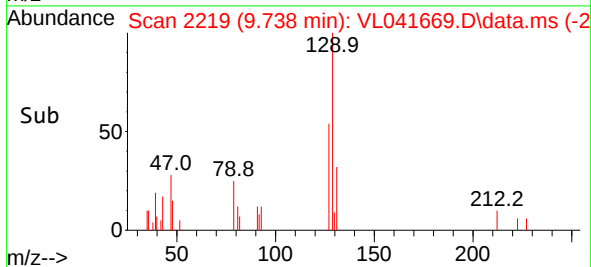
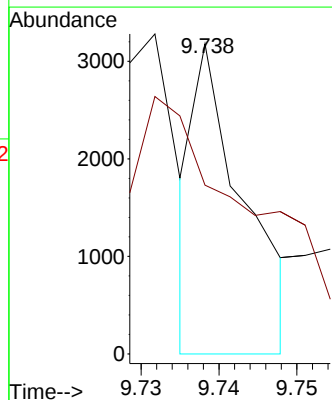
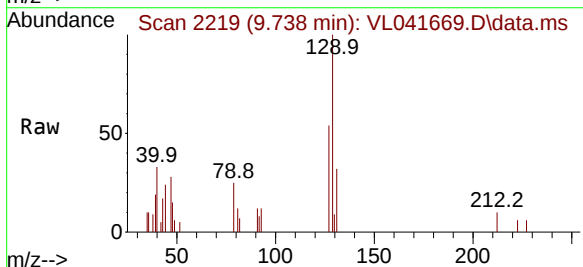
Acq: 14 Oct 2024 15:40

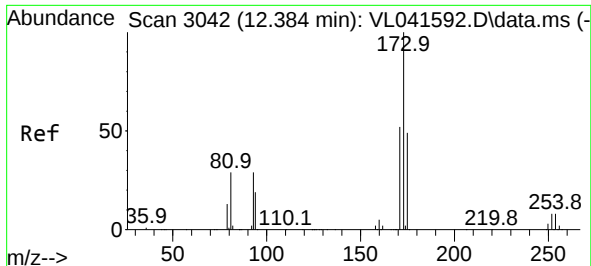
Tgt Ion: 129 Resp: 1413

Ion Ratio Lower Upper

129 100

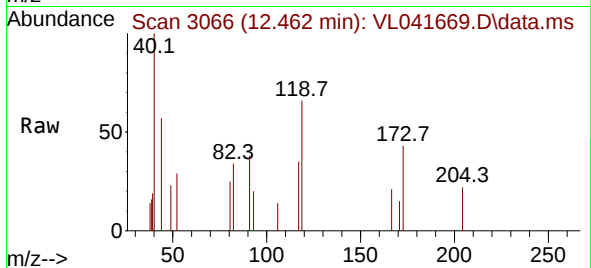
127 0.0 39.3 117.9#



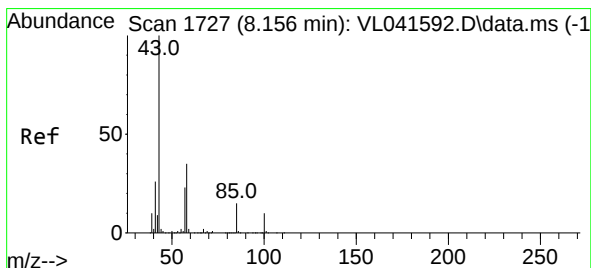
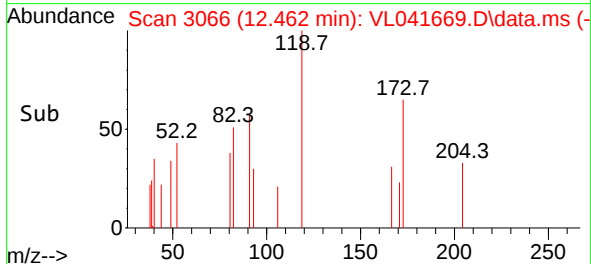
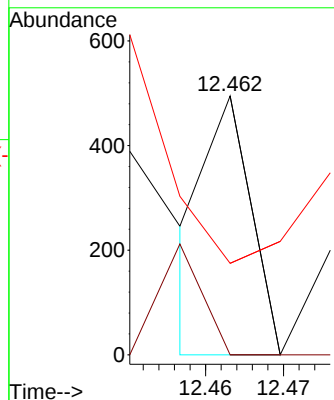


#49
Bromoform
Concen: 0.001 ppbv
RT: 12.462 min Scan# 3042
Delta R.T. 0.077 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Instrument :
MSVOA_L
ClientSampleId :

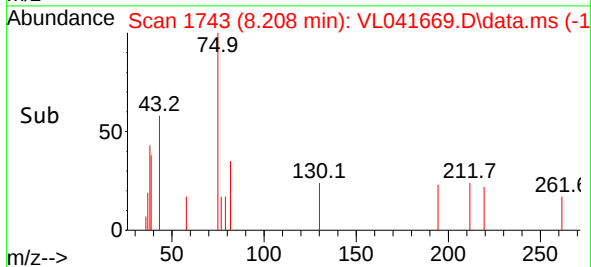
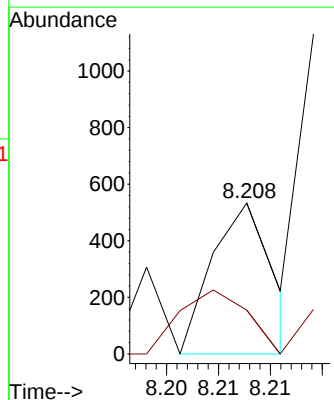
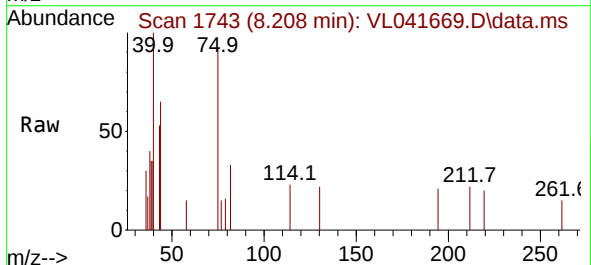


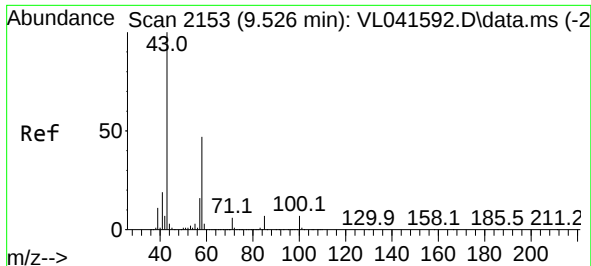
Tgt Ion: 173 Resp: 96
Ion Ratio Lower Upper
173 100
175 0.0 40.1 60.1#
171 0.0 42.2 63.4#



#50
4-Methyl-2-Pentanone
Concen: 0.001 ppbv
RT: 8.208 min Scan# 1743
Delta R.T. 0.052 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 43 Resp: 215
Ion Ratio Lower Upper
43 100
58 0.0 27.8 41.8#

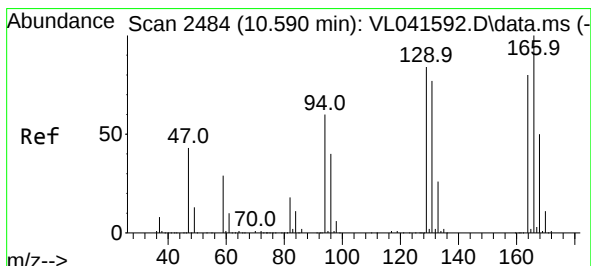
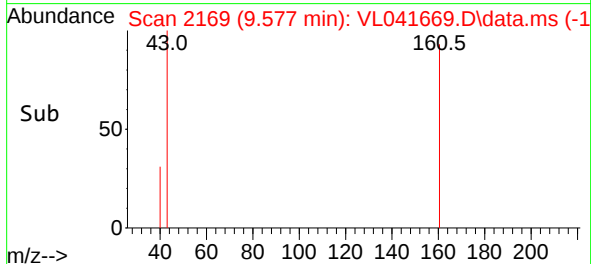
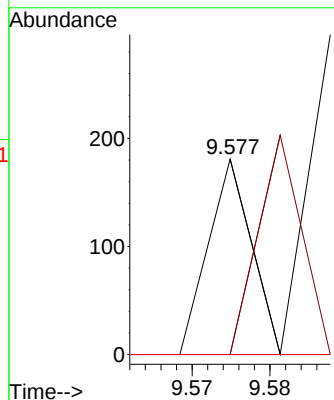
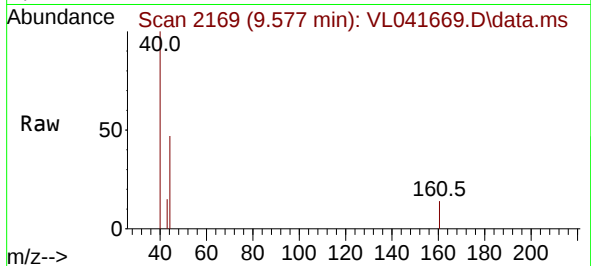




#51
2-Hexanone
Concen: 0.000 ppbv
RT: 9.577 min Scan# 2153
Delta R.T. 0.052 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

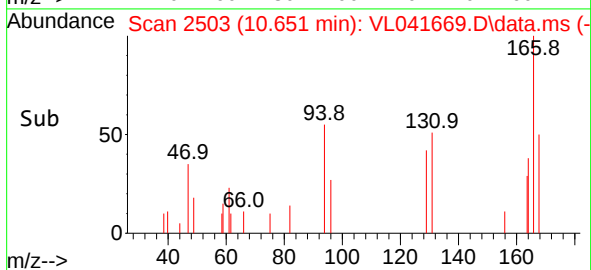
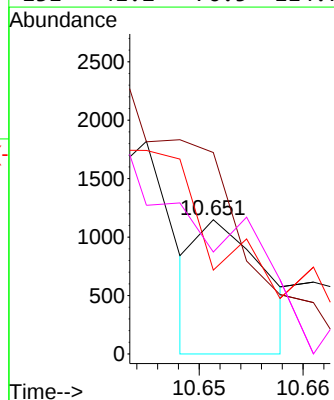
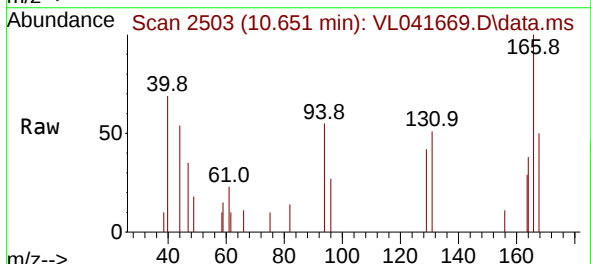
Instrument :
MSVOA_L
ClientSampleId :

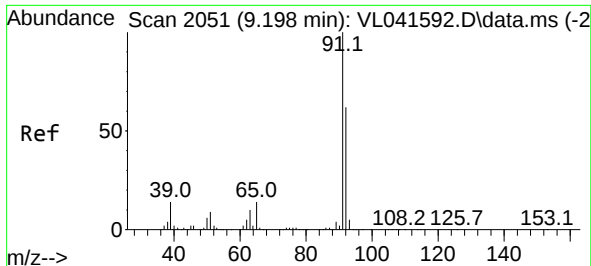
Tgt Ion: 43 Resp: 35
Ion Ratio Lower Upper
43 100
58 0.0 37.2 55.8#
98 0.0 0.5 0.7#



#52
Tetrachloroethene
Concen: 0.008 ppbv
RT: 10.651 min Scan# 2503
Delta R.T. 0.061 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 164 Resp: 505
Ion Ratio Lower Upper
164 100
166 211.5 99.4 149.2#
129 42.3 83.5 125.3#
131 41.2 76.5 114.7#

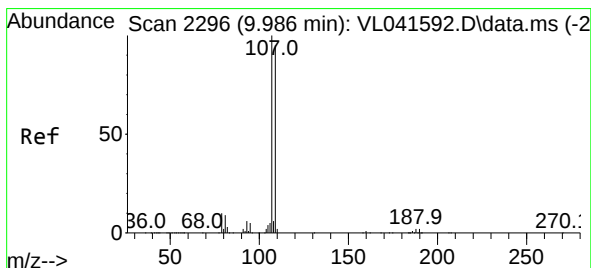
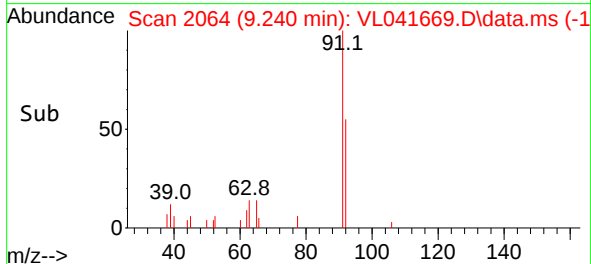
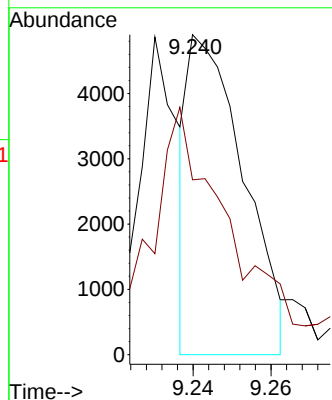
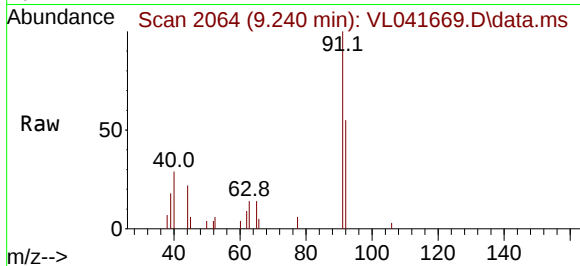




#53
Toluene
Concen: 0.025 ppbv
RT: 9.240 min Scan# 2051
Delta R.T. 0.042 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

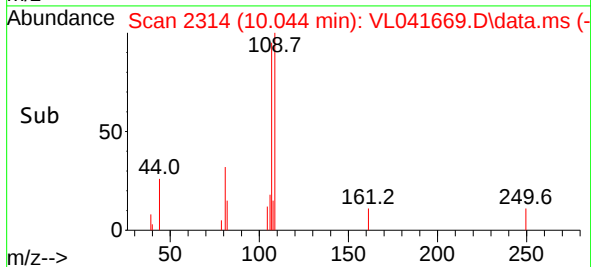
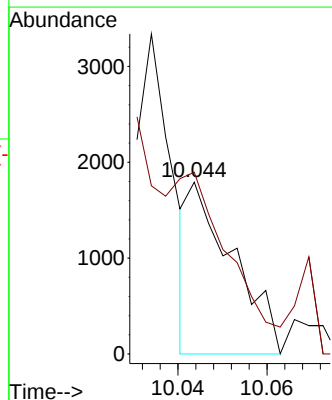
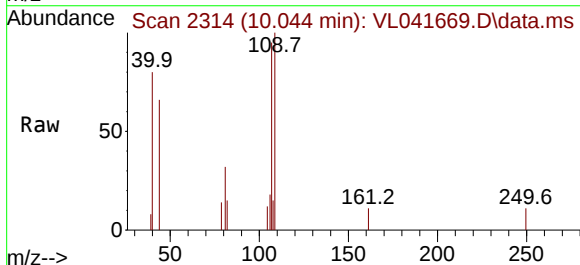
Instrument :
MSVOA_L
ClientSampleId :

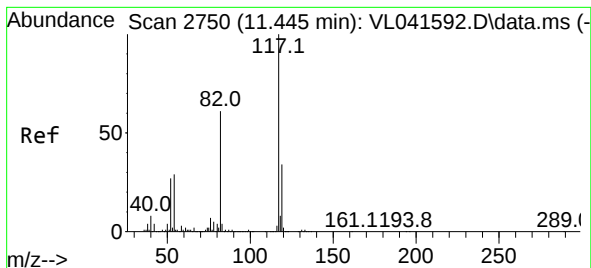
Tgt Ion: 91 Resp: 4858
Ion Ratio Lower Upper
91 100
92 124.1 48.9 73.3#



#54
1,2-Dibromoethane
Concen: 0.013 ppbv
RT: 10.044 min Scan# 2314
Delta R.T. 0.058 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 107 Resp: 1248
Ion Ratio Lower Upper
107 100
109 78.0 75.7 113.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.484 min Scan# 21

Delta R.T. 0.039 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

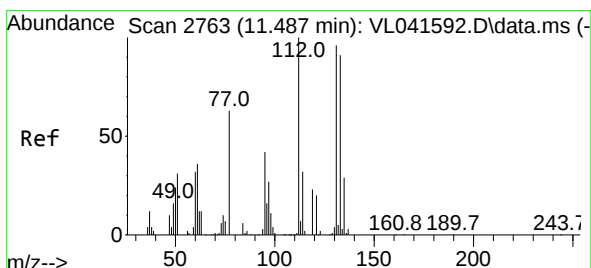
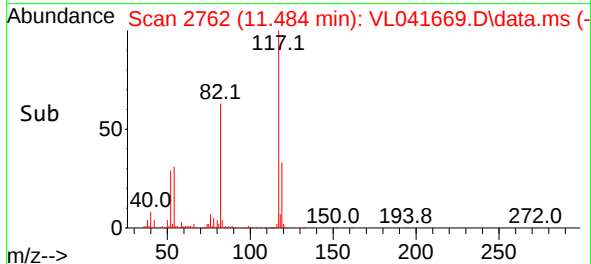
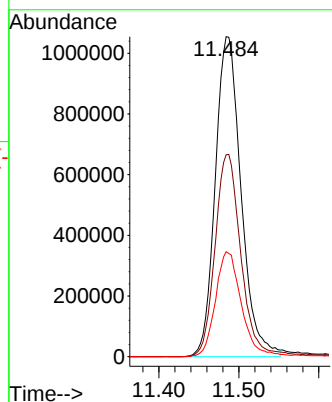
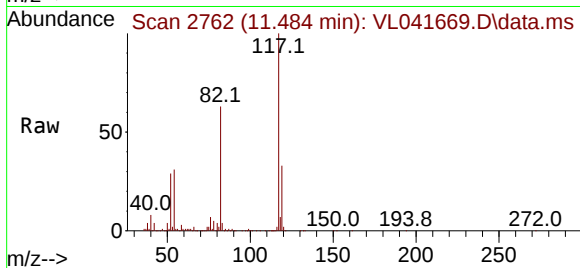
Tgt Ion:117 Resp: 2363204

Ion Ratio Lower Upper

117 100

82 64.6 49.4 74.2

119 33.6 24.4 36.6



#56

1,1,1,2-Tetrachloroethane

Concen: 0.038 ppbv

RT: 11.536 min Scan# 2778

Delta R.T. 0.048 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

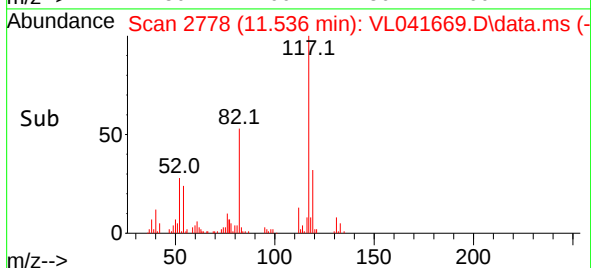
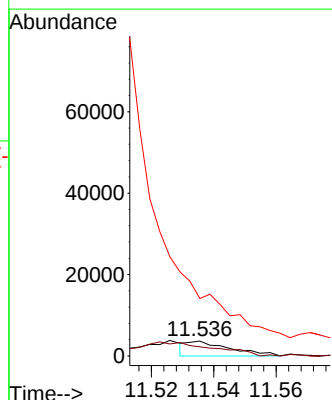
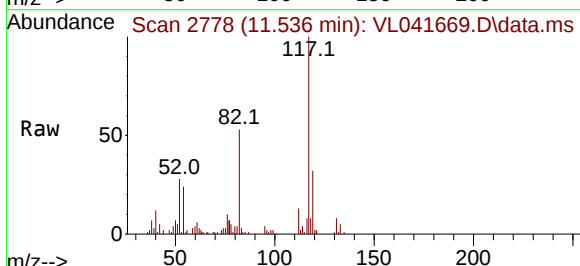
Tgt Ion:131 Resp: 3490

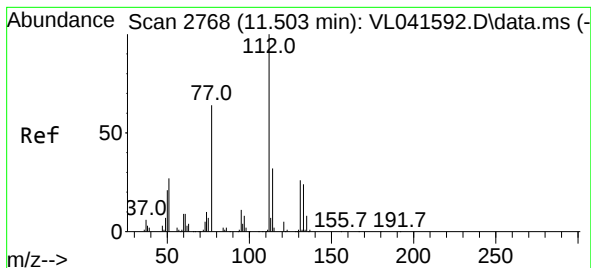
Ion Ratio Lower Upper

131 100

133 0.0 76.6 115.0#

119 0.0 48.5 72.7#





#57

Chlorobenzene

Concen: 0.043 ppbv

RT: 11.545 min Scan# 21

Delta R.T. 0.042 min

Lab File: VL041669.D

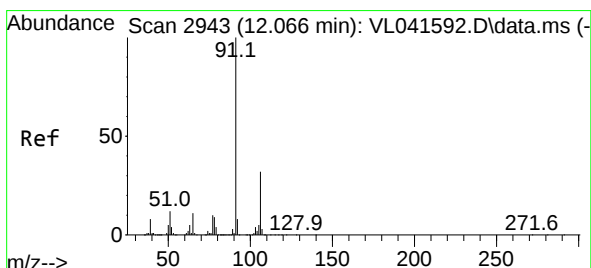
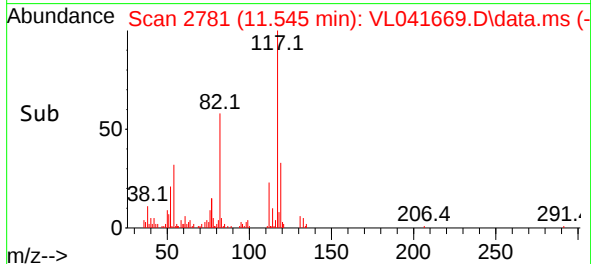
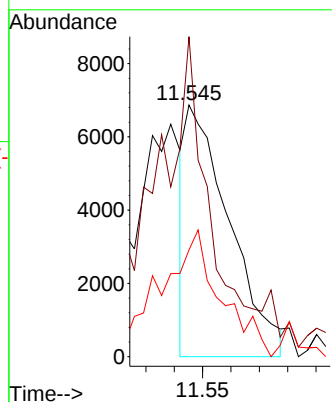
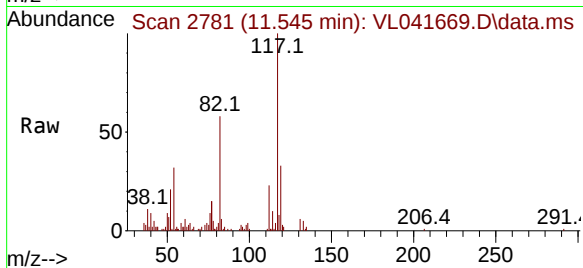
Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	112	Resp:	7370
Ion	Ratio	Lower	Upper
112	100		
77	134.1	52.0	78.0#
114	42.6	28.6	35.0#



#58

Ethyl Benzene

Concen: 0.010 ppbv

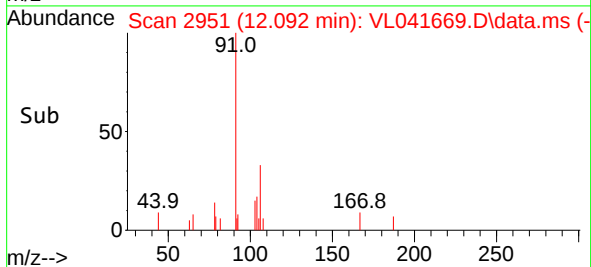
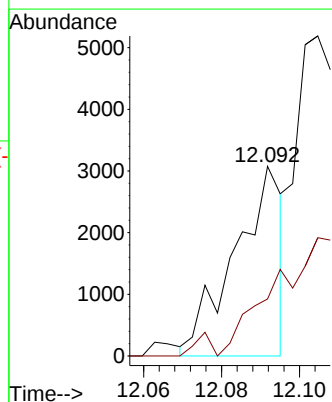
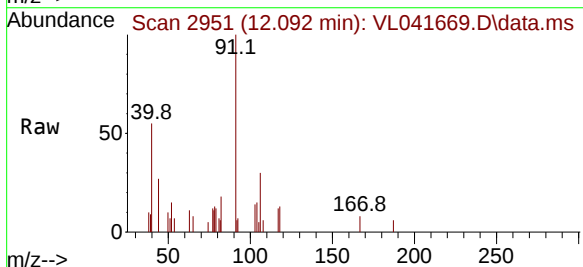
RT: 12.092 min Scan# 2951

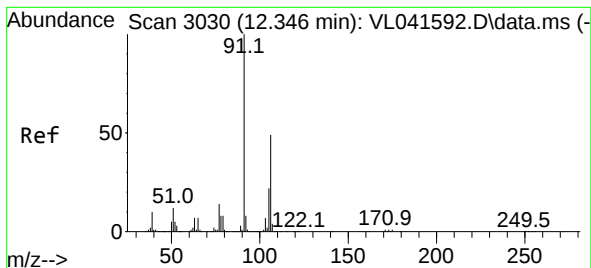
Delta R.T. 0.026 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Tgt Ion:	91	Resp:	2589
Ion	Ratio	Lower	Upper
91	100		
106	29.8	25.8	38.6





#59

m/p-Xylene

Concen: 0.008 ppbv

RT: 12.391 min Scan# 3030

Delta R.T. 0.045 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

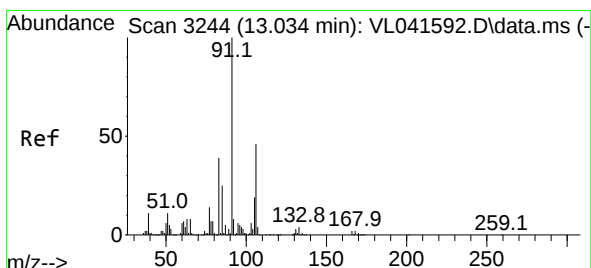
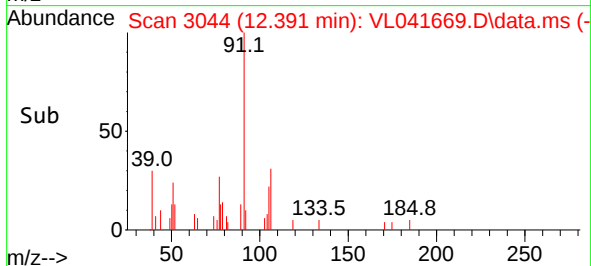
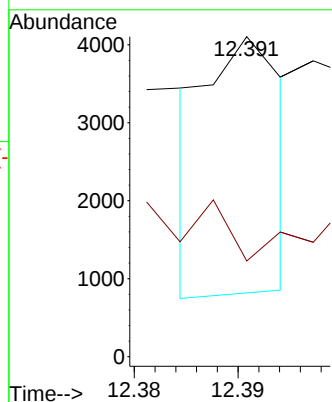
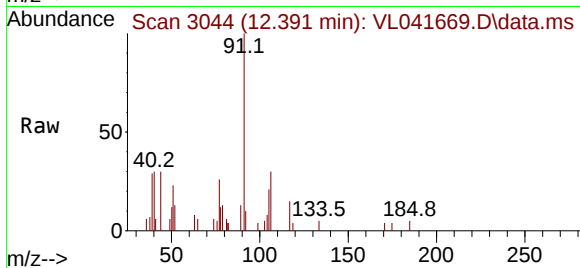
ClientSampleId :

Tgt Ion: 91 Resp: 1693

Ion Ratio Lower Upper

91 100

106 0.0 36.8 55.2#



#60

o-Xylene

Concen: 0.026 ppbv

RT: 13.076 min Scan# 3257

Delta R.T. 0.042 min

Lab File: VL041669.D

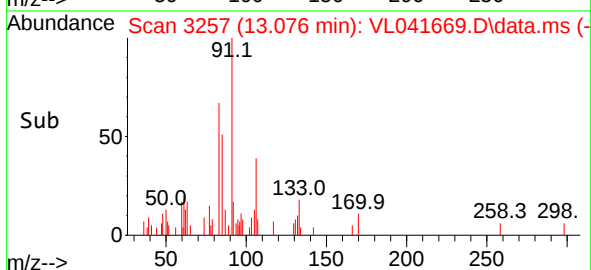
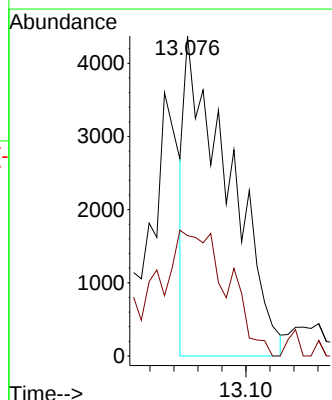
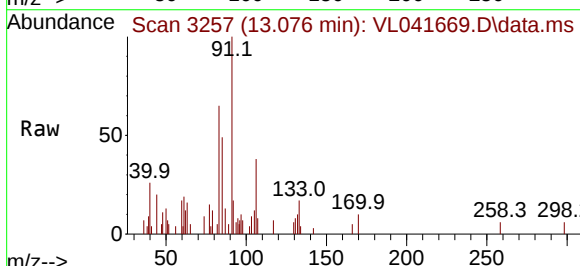
Acq: 14 Oct 2024 15:40

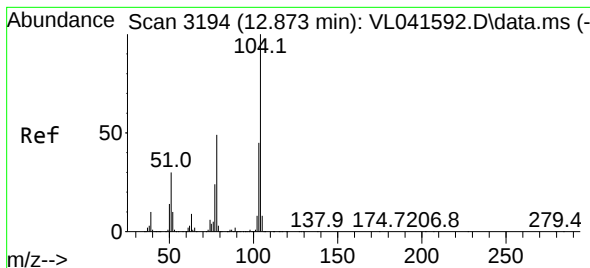
Tgt Ion: 91 Resp: 5515

Ion Ratio Lower Upper

91 100

106 68.3 23.1 69.3





#61

Styrene

Concen: 0.005 ppbv

RT: 12.918 min Scan# 31

Delta R.T. 0.045 min

Lab File: VL041669.D

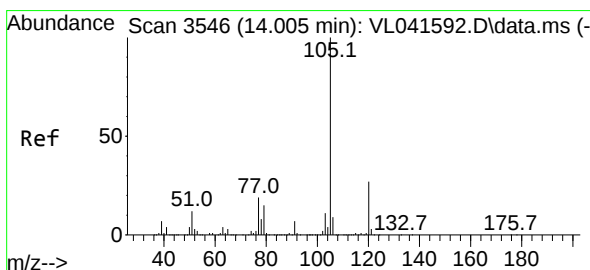
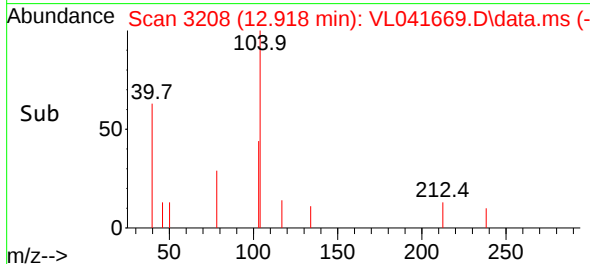
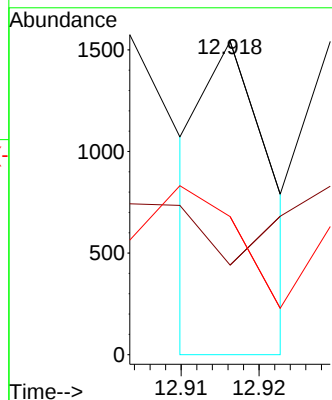
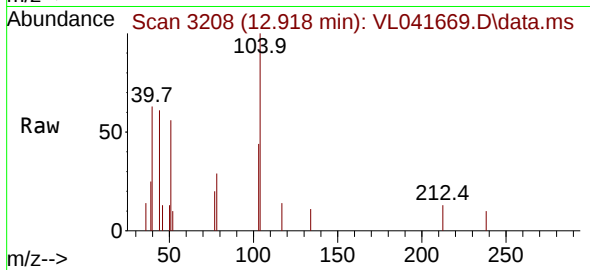
Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	104	Resp:	450
Ion	Ratio	Lower	Upper
104	100		
78	0.0	39.8	59.6#
103	0.0	37.4	56.0#



#62

Isopropylbenzene

Concen: 0.019 ppbv

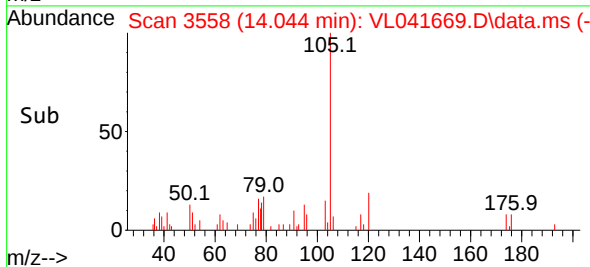
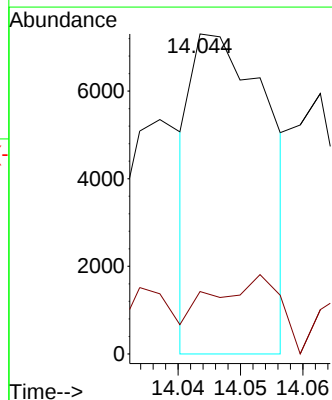
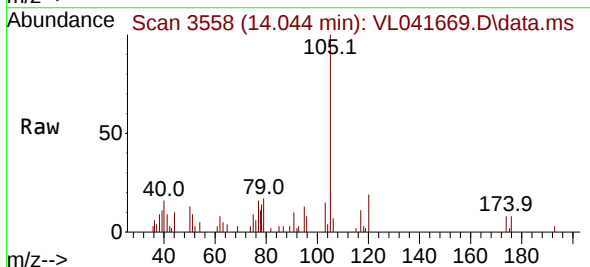
RT: 14.044 min Scan# 3558

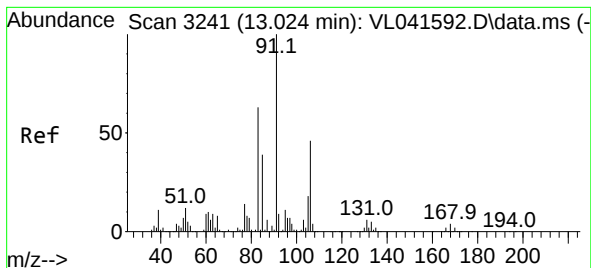
Delta R.T. 0.039 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Tgt Ion:	105	Resp:	6198
Ion	Ratio	Lower	Upper
105	100		
120	57.5	20.9	31.3#

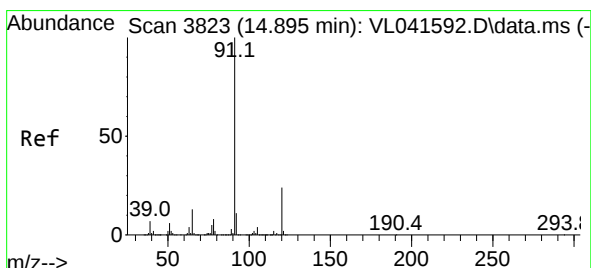
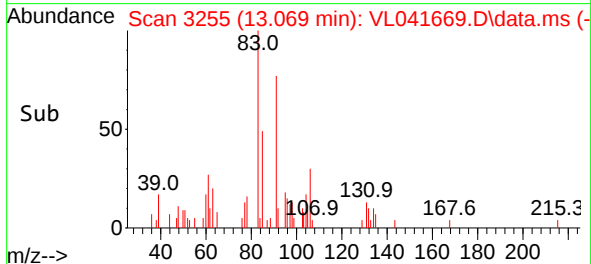
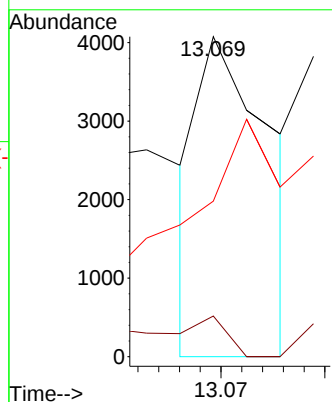
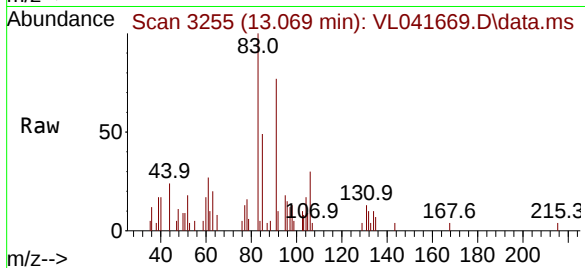




#63
1,1,2,2-Tetrachloroethane
Concen: 0.018 ppbv
RT: 13.069 min Scan# 31
Delta R.T. 0.045 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

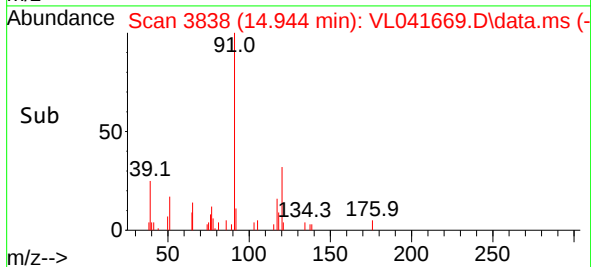
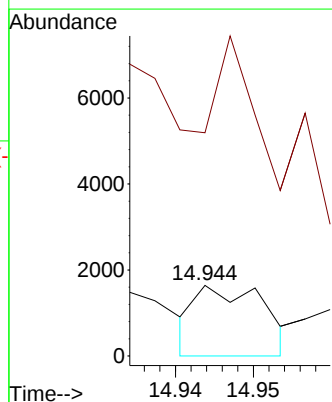
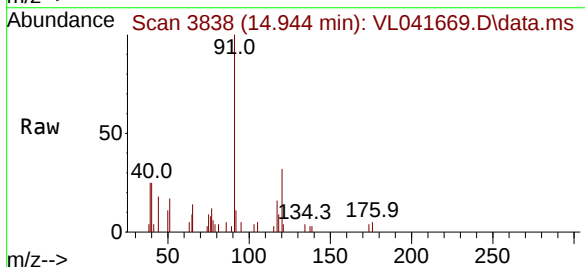
Instrument :
MSVOA_L
ClientSampleId :

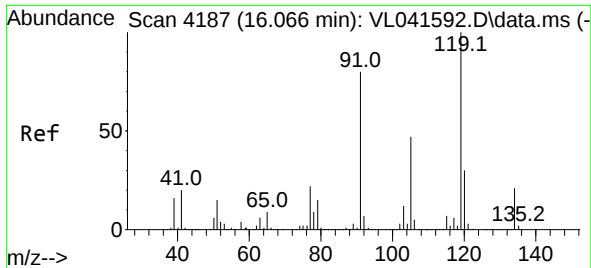
Tgt Ion: 83 Resp: 1939
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4#
85 359.2 32.5 97.4#



#64
n-propylbenzene
Concen: 0.012 ppbv
RT: 14.944 min Scan# 3838
Delta R.T. 0.048 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion:120 Resp: 995
Ion Ratio Lower Upper
120 100
91 1904.7 366.4 549.6#

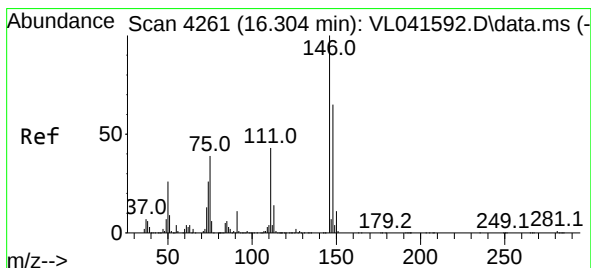
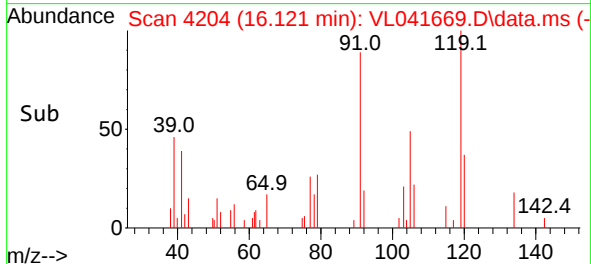
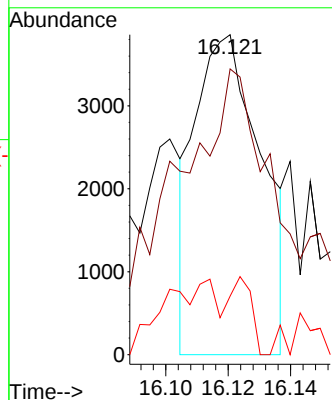
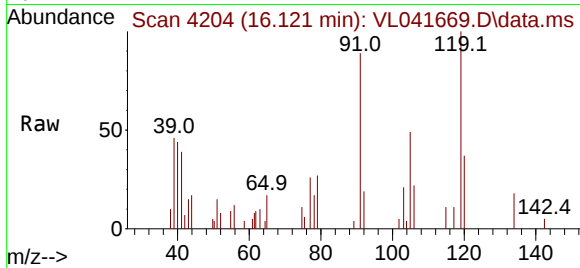




#65
tert-Butylbenzene
Concen: 0.019 ppbv
RT: 16.121 min Scan# 4187
Delta R.T. 0.055 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

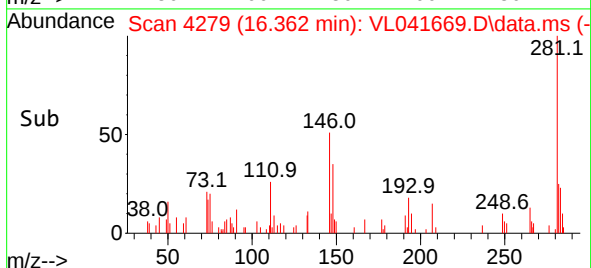
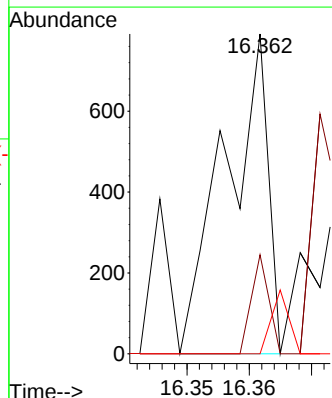
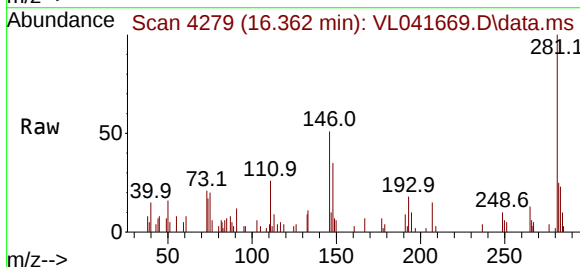
Instrument :
MSVOA_L
ClientSampleId :

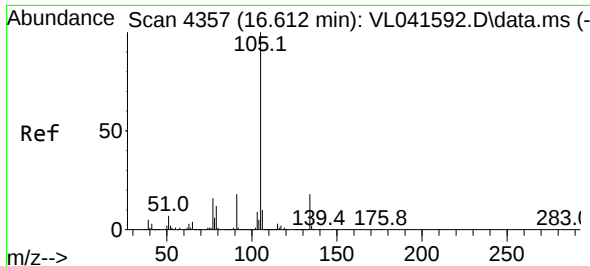
Tgt Ion:119 Resp: 5677
Ion Ratio Lower Upper
119 100
91 172.1 64.6 96.8#
134 29.0 15.8 23.8#



#66
Benzyl Chloride
Concen: 0.024 ppbv
RT: 16.362 min Scan# 4279
Delta R.T. 0.058 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 91 Resp: 378
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 0.0 4.8 7.2#

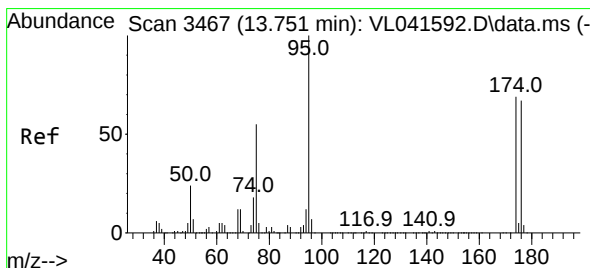
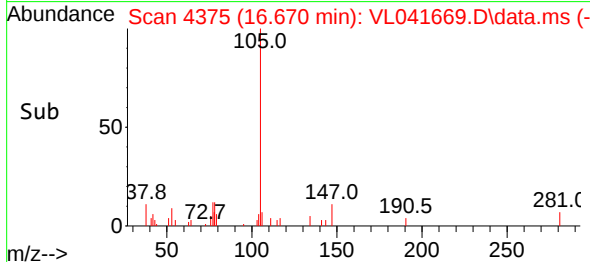
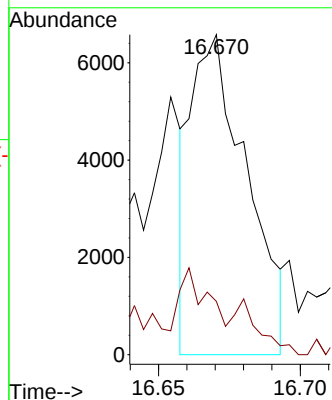
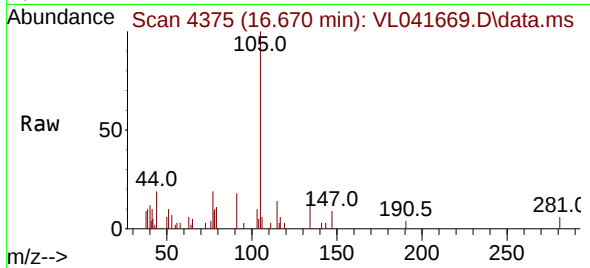




#67
 sec-Butylbenzene
 Concen: 0.022 ppbv
 RT: 16.670 min Scan# 41
 Delta R.T. 0.058 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

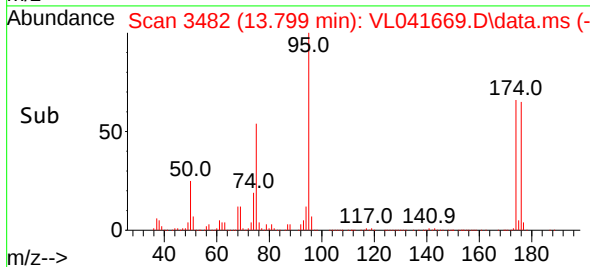
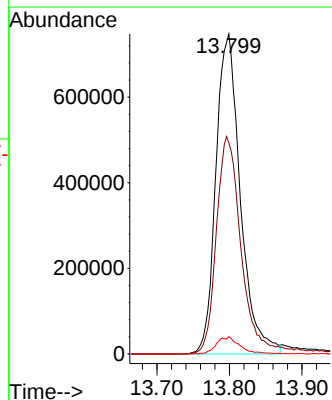
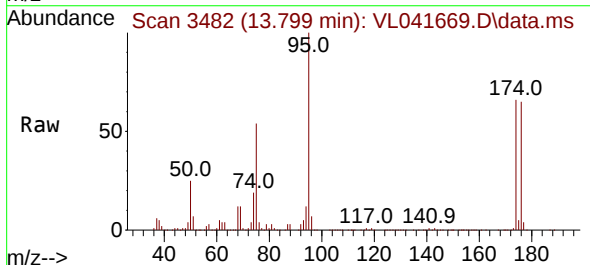
Instrument :
 MSVOA_L
 ClientSampleId :

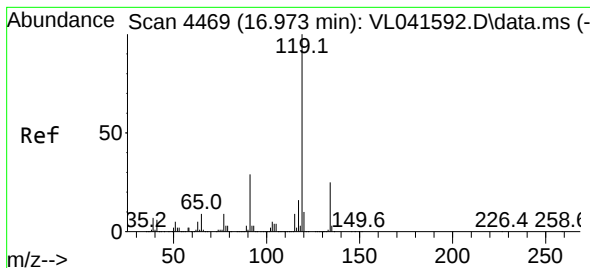
Tgt Ion:105 Resp: 9005
 Ion Ratio Lower Upper
 105 100
 134 0.0 14.6 21.8#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.075 ppbv
 RT: 13.799 min Scan# 3482
 Delta R.T. 0.048 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

Tgt Ion: 95 Resp: 1752732
 Ion Ratio Lower Upper
 95 100
 174 71.0 55.8 83.8
 175 5.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 0.005 ppbv

RT: 17.034 min Scan# 4469

Delta R.T. 0.061 min

Lab File: VL041669.D

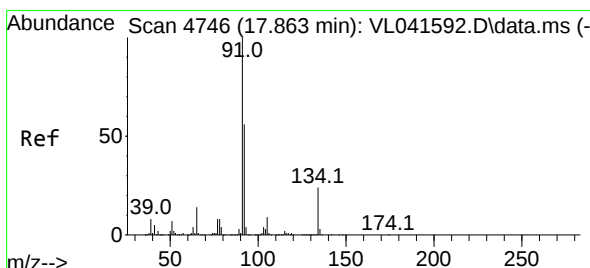
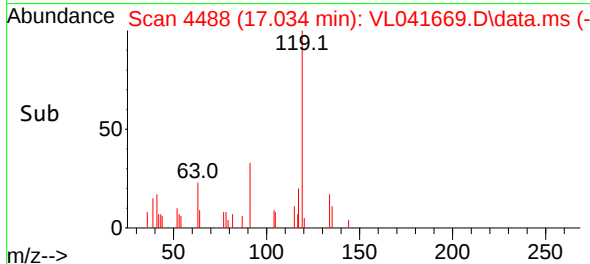
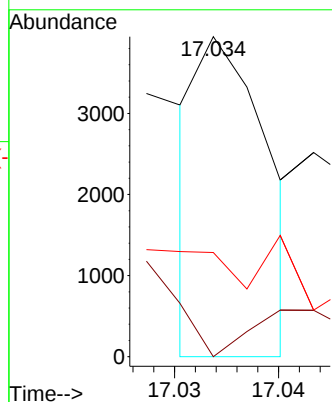
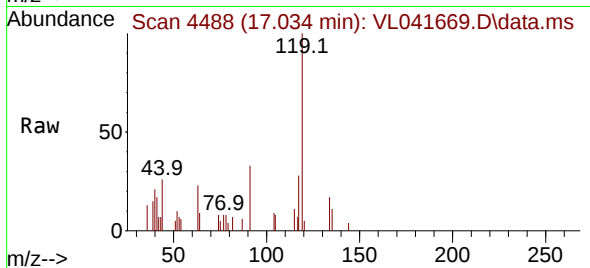
Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	119	Resp:	1820
Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.5	30.7#
91	0.0	23.1	34.7#



#70

n-Butylbenzene

Concen: 0.006 ppbv

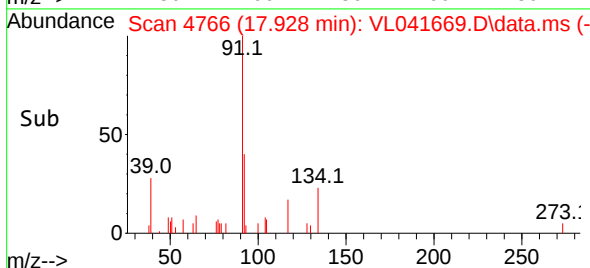
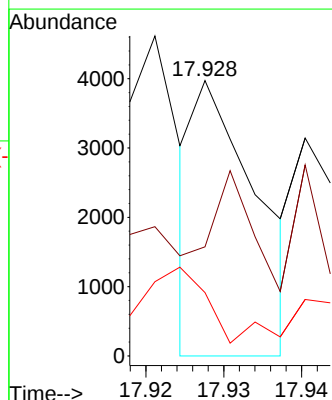
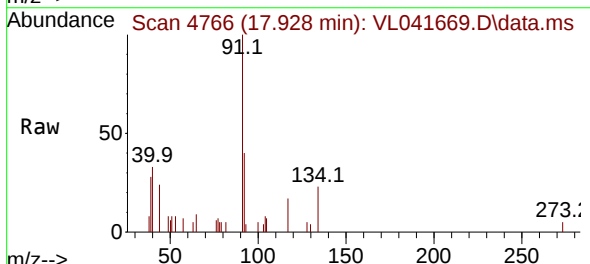
RT: 17.928 min Scan# 4766

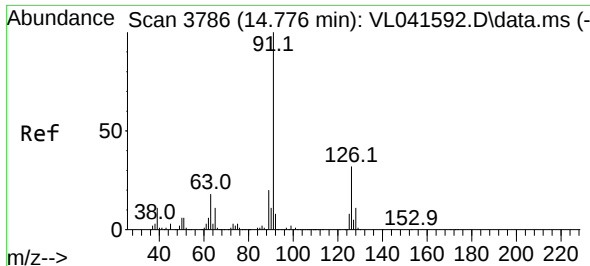
Delta R.T. 0.064 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Tgt Ion:	91	Resp:	2202
Ion	Ratio	Lower	Upper
91	100		
92	0.0	43.2	64.8#
134	111.9	18.6	27.8#

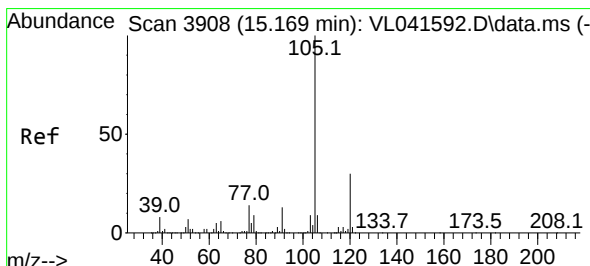
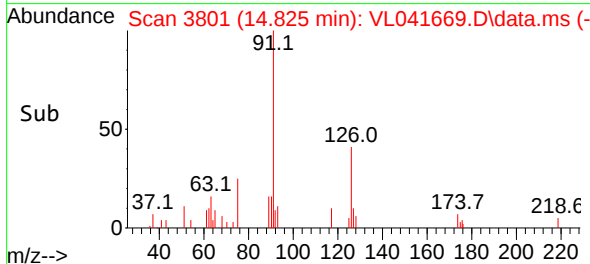
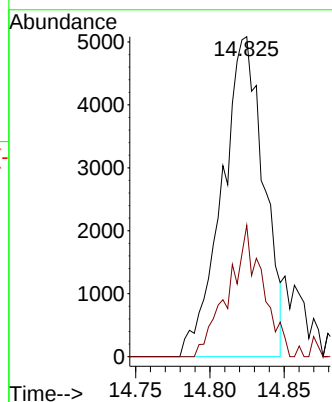
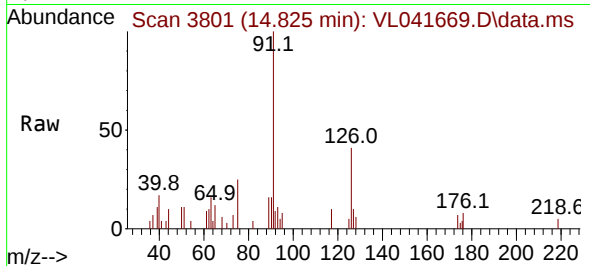




#71
2-Chlorotoluene
Concen: 0.041 ppbv
RT: 14.825 min Scan# 3923
Delta R.T. 0.048 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

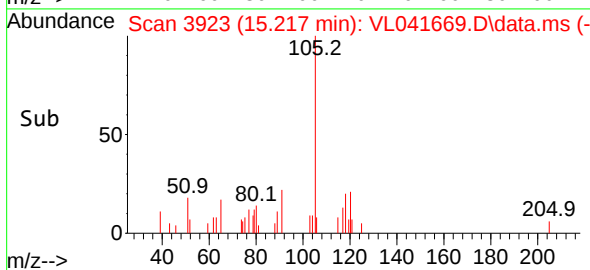
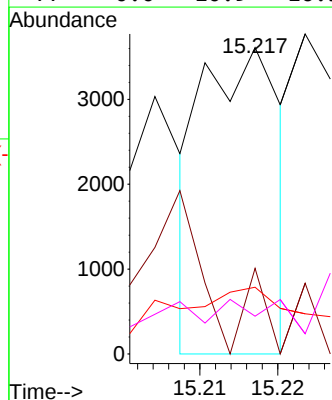
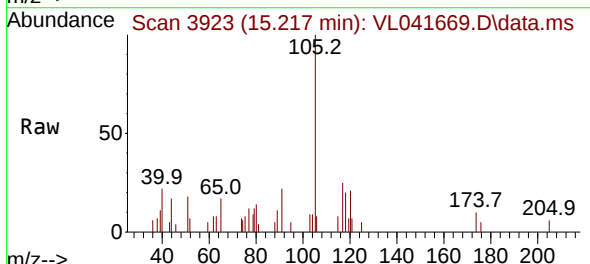
Instrument :
MSVOA_L
ClientSampleId :

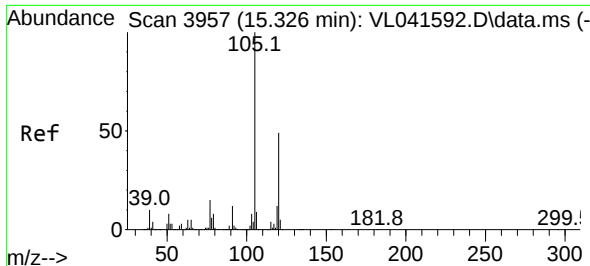
Tgt Ion: 91 Resp: 9936
Ion Ratio Lower Upper
91 100
126 34.2 12.9 51.5



#72
4-Ethyltoluene
Concen: 0.010 ppbv
RT: 15.217 min Scan# 3923
Delta R.T. 0.048 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion: 105 Resp: 2500
Ion Ratio Lower Upper
105 100
120 0.0 24.1 36.1#
91 75.0 10.2 15.2#
77 0.0 10.9 16.3#

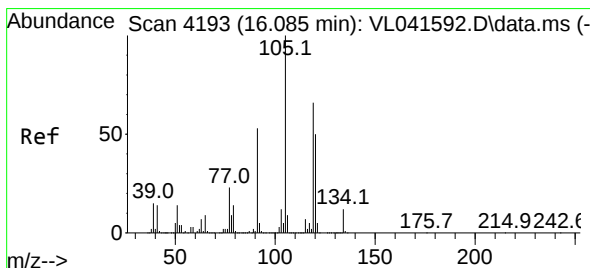
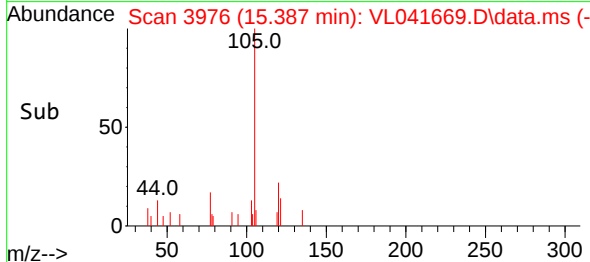
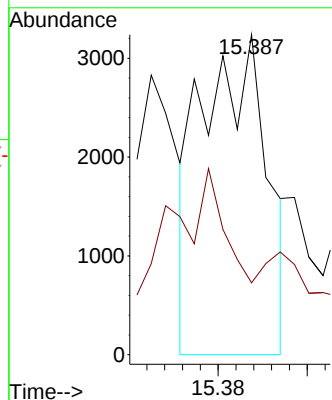
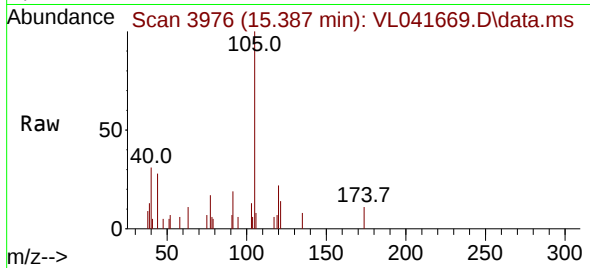




#73
 1,3,5-Trimethylbenzene
 Concen: 0.015 ppbv
 RT: 15.387 min Scan# 3957
 Delta R.T. 0.061 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

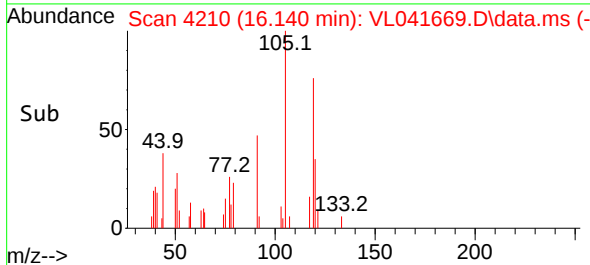
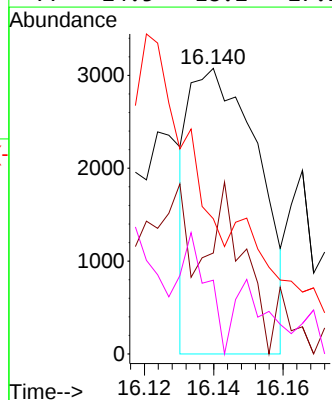
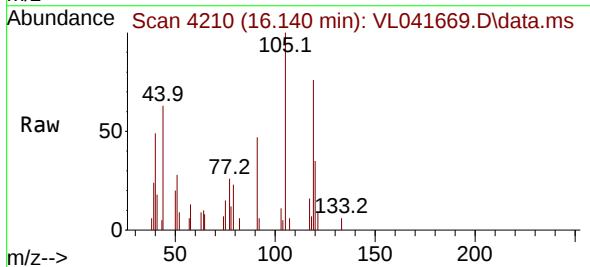
Instrument :
 MSVOA_L
 ClientSampleId :

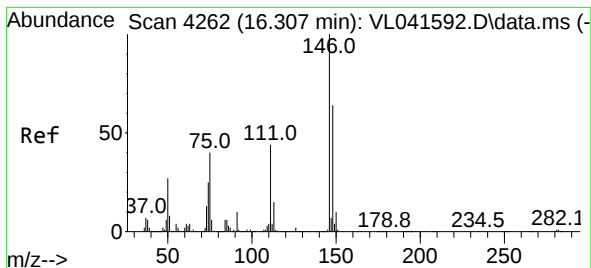
Tgt Ion:105 Resp: 3265
 Ion Ratio Lower Upper
 105 100
 120 0.0 39.4 59.0#



#74
 1,2,4-Trimethylbenzene
 Concen: 0.016 ppbv
 RT: 16.140 min Scan# 4210
 Delta R.T. 0.055 min
 Lab File: VL041669.D
 Acq: 14 Oct 2024 15:40

Tgt Ion:105 Resp: 4248
 Ion Ratio Lower Upper
 105 100
 120 19.0 39.9 59.9#
 91 34.0 42.6 63.8#
 77 24.5 18.2 27.2





#75

1,3-Dichlorobenzene

Concen: 0.021 ppbv

RT: 16.359 min Scan# 4323

Delta R.T. 0.052 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

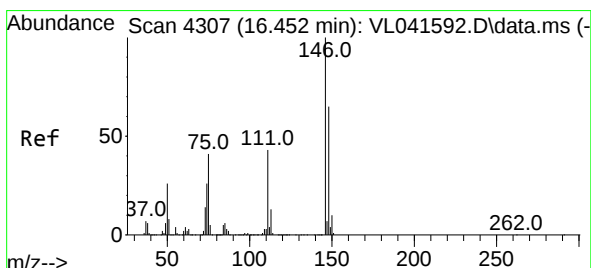
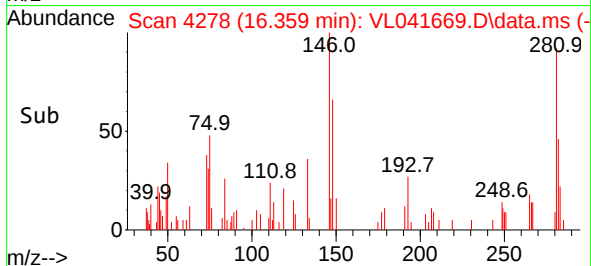
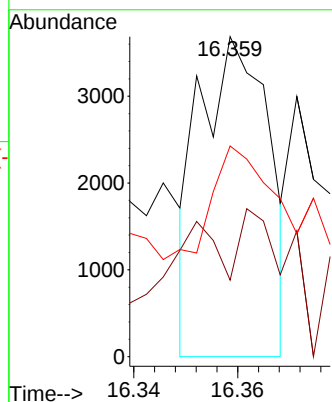
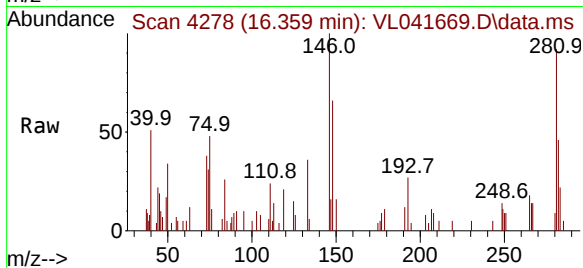
Tgt Ion:146 Resp: 3400

Ion Ratio Lower Upper

146 100

111 119.8 22.4 67.0#

148 206.1 32.1 96.5#



#76

1,4-Dichlorobenzene

Concen: 0.056 ppbv

RT: 16.503 min Scan# 4323

Delta R.T. 0.052 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

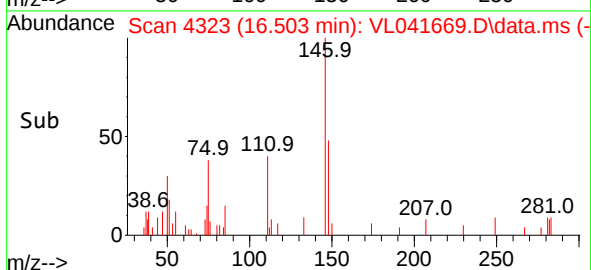
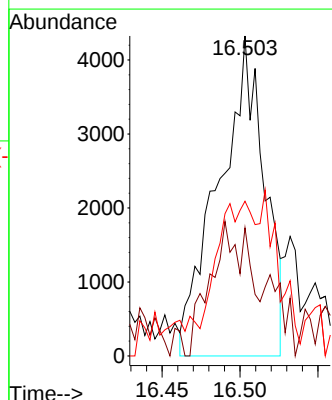
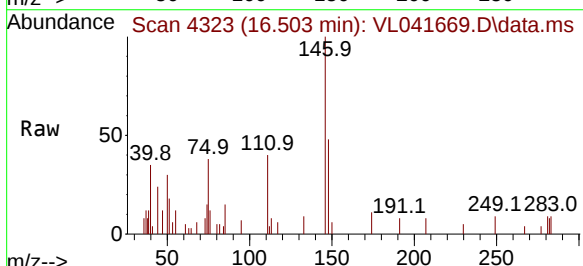
Tgt Ion:146 Resp: 8795

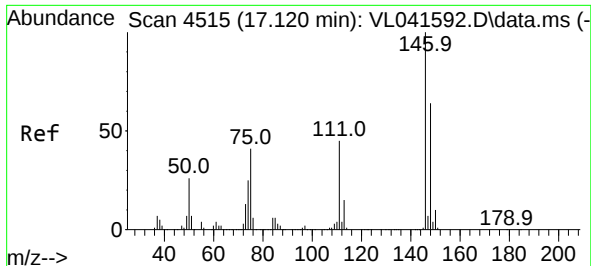
Ion Ratio Lower Upper

146 100

111 46.2 22.4 67.3

148 80.7 32.8 98.4

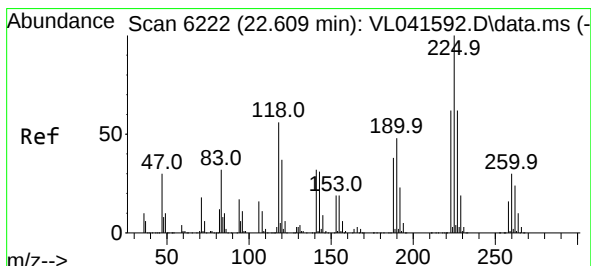
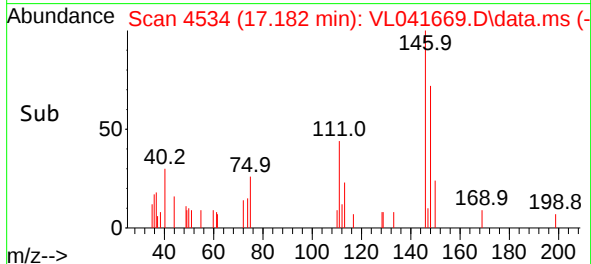
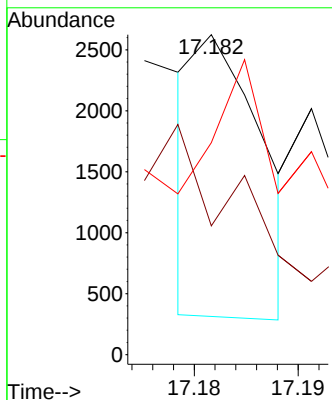
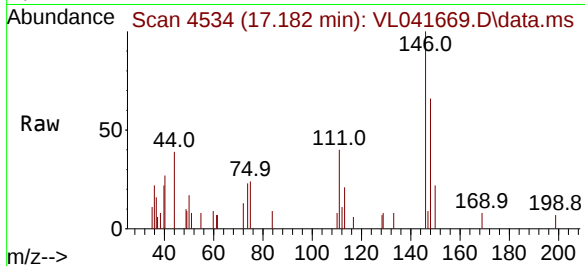




#77
1,2-Dichlorobenzene
Concen: 0.006 ppbv
RT: 17.182 min Scan# 411
Delta R.T. 0.061 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

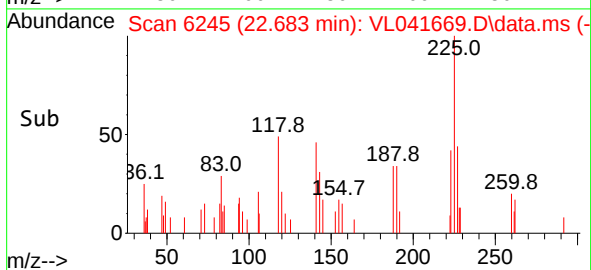
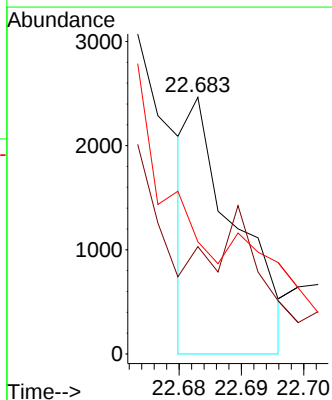
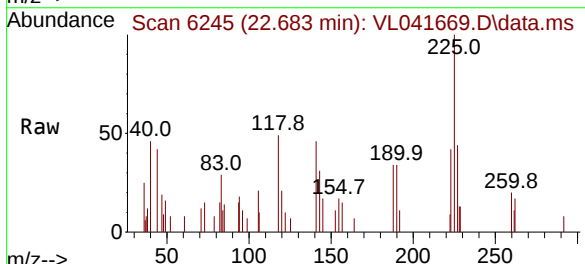
Instrument :
MSVOA_L
ClientSampleId :

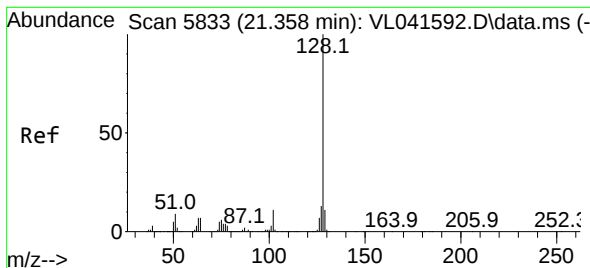
Tgt Ion:146 Resp: 1026
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.0#
148 566.3 32.5 97.4#



#78
Hexachloro-1,3-Butadiene
Concen: 0.010 ppbv
RT: 22.683 min Scan# 6245
Delta R.T. 0.074 min
Lab File: VL041669.D
Acq: 14 Oct 2024 15:40

Tgt Ion:225 Resp: 1289
Ion Ratio Lower Upper
225 100
223 0.0 50.6 75.8#
227 0.0 50.9 76.3#





#79

Naphthalene

Concen: 0.005 ppbv

RT: 21.435 min Scan# 5833

Delta R.T. 0.077 min

Lab File: VL041669.D

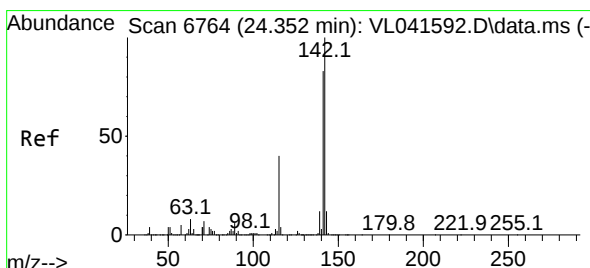
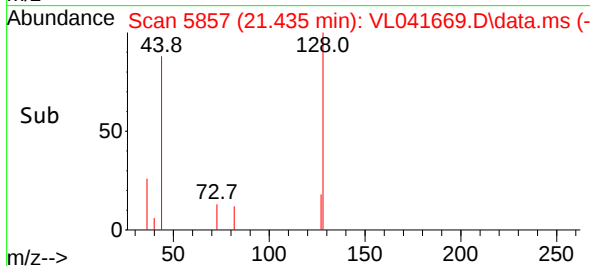
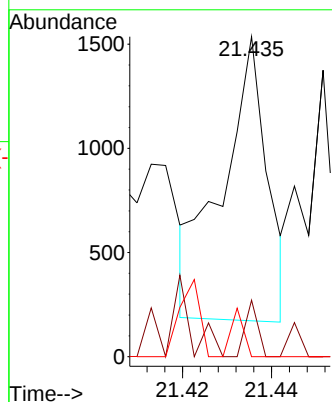
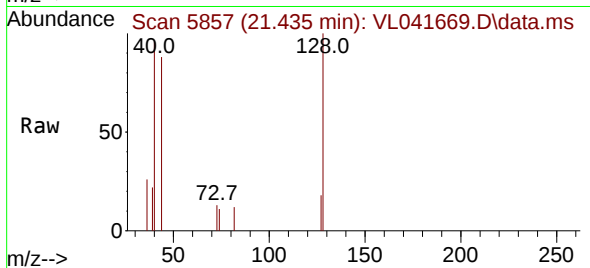
Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion:	128	Resp:	960
Ion	Ratio	Lower	Upper
128	100		
127	28.3	10.1	15.1#
129	0.0	9.1	13.7#



#80

Naphthalene, 2-methyl-

Concen: 0.001 ppbv

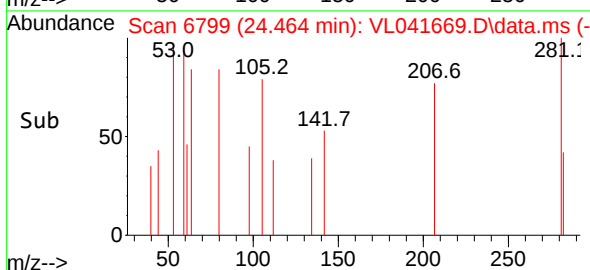
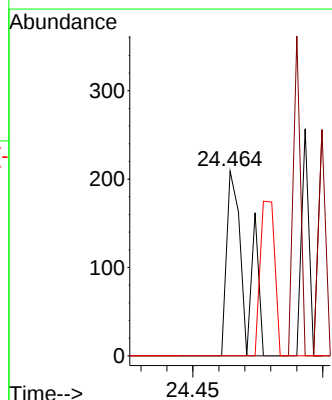
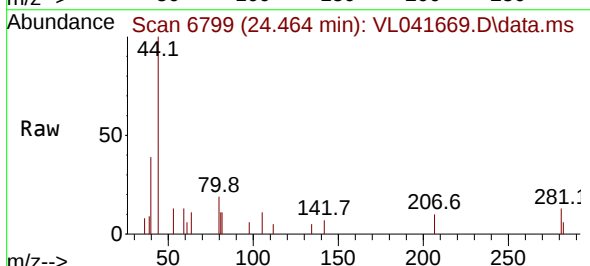
RT: 24.464 min Scan# 6799

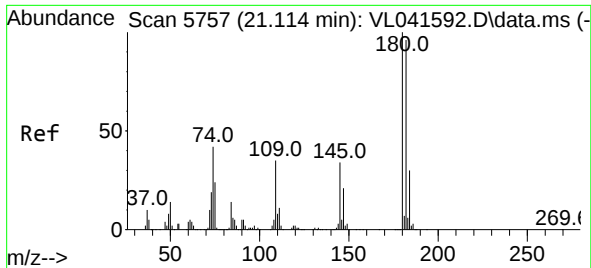
Delta R.T. 0.113 min

Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Tgt Ion:	142	Resp:	103
Ion	Ratio	Lower	Upper
142	100		
141	0.0	66.3	99.5#
115	0.0	31.4	47.2#





#81

1,2,4-Trichlorobenzene

Concen: 0.007 ppbv

RT: 21.181 min Scan# 51

Delta R.T. 0.068 min

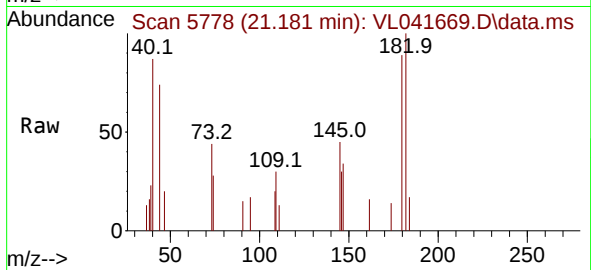
Lab File: VL041669.D

Acq: 14 Oct 2024 15:40

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 803

Ion Ratio Lower Upper

180 100

182 361.6 76.5 114.7#

184 0.0 24.7 37.1#

