

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
 Data File : VL040811.D
 Acq On : 8 Nov 2023 14:59
 Operator : SY/MD
 Sample : VL1108ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1108ABS01

Quant Time: Nov 09 00:29:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 09 00:25:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1093976	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2792339	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2607298	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1888266	9.842	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.774	85	1811329	9.402	ppbv	98
3) Chlorodifluoromethane	2.719	51	1769697	11.007	ppbv	97
4) Chloromethane	2.857	50	646920	10.190	ppbv	94
5) Vinyl Chloride	2.963	62	658576	10.040	ppbv	98
6) Bromomethane	3.160	94	306143	11.281	ppbv	95
7) Chloroethane	3.234	64	232570	10.891	ppbv	97
8) Dichlorotetrafluoroethane	2.899	85	1647850	11.284	ppbv	100
9) Propene	2.738	41	600502	10.056	ppbv	99
10) Heptane	7.584	43	1519080	10.126	ppbv	100
11) Trichlorofluoromethane	3.597	101	1741681	11.714	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.095	101	1209646	11.407	ppbv	99
13) Ethanol	3.275	45	128118	9.504	ppbv	90
14) Bromoethene	3.401	108	526503	11.593	ppbv	99
15) Acetone	3.504	43	1203741	10.644	ppbv	99
16) 1,3-Butadiene	3.028	39	648189	10.925	ppbv	98
17) tert-Butyl alcohol	3.909	59	1151958	9.934	ppbv	100
18) 1,1-Dichloroethene	3.909	96	527851	11.106	ppbv	98
19) Isopropyl Alcohol	3.610	45	859254	11.802	ppbv #	40
20) Methylene Chloride	3.963	84	440834	9.358	ppbv	96
21) Allyl Chloride	4.024	41	802638	10.761	ppbv	94
22) trans-1,2-Dichloroethene	4.471	96	569807	11.264	ppbv	96
23) Vinyl Acetate	4.652	43	1373575	9.530	ppbv	98
24) 1,1-Dichloroethane	4.587	63	1138867	10.477	ppbv	99
25) Ethyl Acetate	5.224	43	2525568	10.192	ppbv	100
26) Hexane	5.233	57	1092392	9.646	ppbv	96
27) Carbon Disulfide	4.153	76	1393855	11.155	ppbv	99
28) Methyl tert-Butyl Ether	4.610	73	846059	9.607	ppbv	99
29) Chloroform	5.295	83	1834488	11.195	ppbv	99
30) Cyclohexane	6.613	84	959053	9.951	ppbv	97
31) cis-1,2-Dichloroethene	5.098	61	1141651	10.939	ppbv	99
32) 1,1,1-Trichloroethane	6.015	97	1858952	10.658	ppbv	99
34) 2-Butanone	4.806	43	1283425	10.154	ppbv	99
35) Carbon Tetrachloride	6.503	117	1982898	12.652	ppbv	96
36) Benzene	6.381	78	2385894	11.108	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1432041	13.019	ppbv	98
38) Trichloroethene	7.298	130	946069	9.953	ppbv	99
39) 1,2-Dichloropropane	7.082	63	942508	11.232	ppbv	94
40) 1,4-Dioxane	7.288	88	401760	12.652	ppbv #	96
41) Tetrahydrofuran	5.571	42	991777	11.331	ppbv	99
42) Bromodichloromethane	7.256	83	2104058	12.769	ppbv	99
43) Methyl Methacrylate	7.481	69	997441	11.601	ppbv	99
44) 2,2,4-Trimethylpentane	7.333	57	3892222	10.716	ppbv	99
45) t-1,3-Dichloropropene	8.712	75	876809	12.790	ppbv	97

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

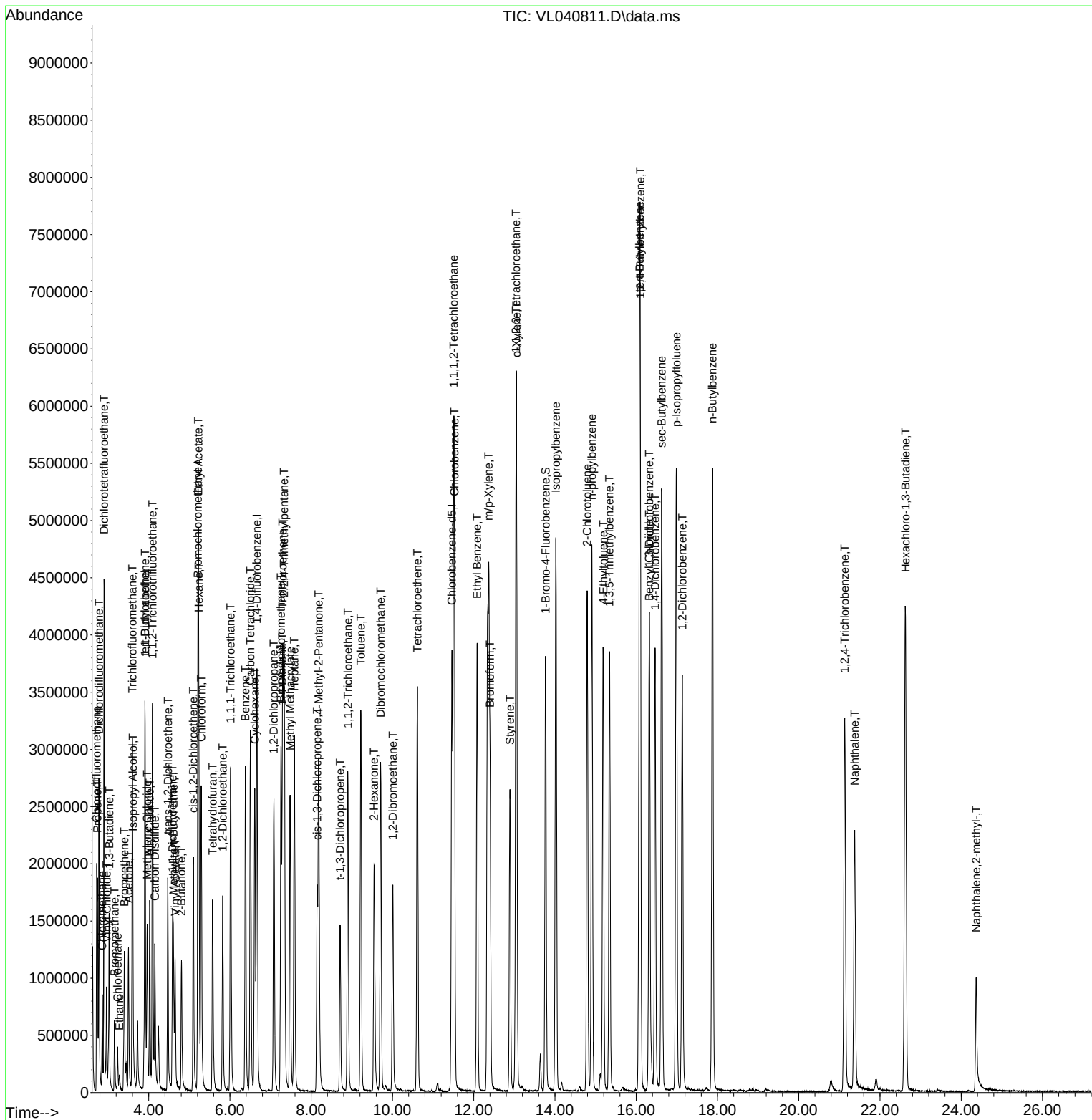
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 ClientSampleId :
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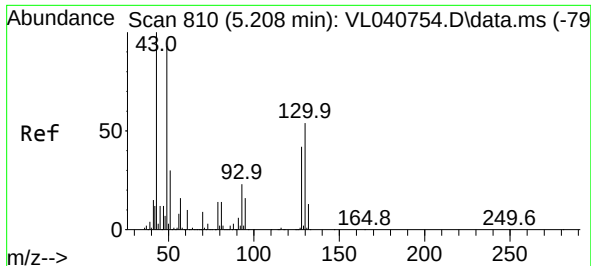
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Nov 09 00:25:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1027063	12.262	ppbv	95
47) 1,1,2-Trichloroethane	8.902	97	1007302	11.428	ppbv	98
48) Dibromochloromethane	9.709	129	1809340	12.249	ppbv	100
49) Bromoform	12.404	173	1448061	12.060	ppbv	100
50) 4-Methyl-2-Pentanone	8.182	43	2518604	11.648	ppbv	98
51) 2-Hexanone	9.548	43	1885138	11.456	ppbv #	98
52) Tetrachloroethene	10.616	164	845099	9.687	ppbv	95
53) Toluene	9.220	91	2762123	10.806	ppbv	97
54) 1,2-Dibromoethane	10.008	107	1509546	12.216	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.510	131	533571	5.014	ppbv #	10
57) Chlorobenzene	11.526	112	2131792	11.411	ppbv	97
58) Ethyl Benzene	12.085	91	3753458	11.434	ppbv	96
59) m/p-Xylene	12.368	91	3192940	11.818	ppbv #	39
60) o-Xylene	13.053	91	2968753	11.532	ppbv	98
61) Styrene	12.892	104	1644244	11.528	ppbv	97
62) Isopropylbenzene	14.024	105	4416186	11.151	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.043	83	2156204	11.172	ppbv	100
64) n-propylbenzene	14.908	120	1167044	10.969	ppbv	86
65) tert-Butylbenzene	16.085	119	3893192	10.899	ppbv	95
66) Benzyl Chloride	16.317	91	330874	9.194	ppbv	96
67) sec-Butylbenzene	16.628	105	5466156	11.177	ppbv	98
69) p-Isopropyltoluene	16.989	119	4537468	11.072	ppbv	98
70) n-Butylbenzene	17.879	91	4813205	11.961	ppbv	98
71) 2-Chlorotoluene	14.793	91	3479730	11.697	ppbv	97
72) 4-Ethyltoluene	15.188	105	3541658	11.748	ppbv	97
73) 1,3,5-Trimethylbenzene	15.342	105	3049095	11.488	ppbv	98
74) 1,2,4-Trimethylbenzene	16.101	105	3342814	11.527	ppbv	97
75) 1,3-Dichlorobenzene	16.323	146	1983431	10.997	ppbv	97
76) 1,4-Dichlorobenzene	16.468	146	1943691	10.882	ppbv	97
77) 1,2-Dichlorobenzene	17.137	146	1919228	10.845	ppbv	97
78) Hexachloro-1,3-Butadiene	22.628	225	1198249	9.463	ppbv	98
79) Naphthalene	21.378	128	2907483	12.334	ppbv	99
80) Naphthalene,2-methyl-	24.368	142	783917	11.851	ppbv	96
81) 1,2,4-Trichlorobenzene	21.133	180	1457285	11.387	ppbv	99

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

Quant Time: Nov 09 00:29:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
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QLast Update : Thu Nov 09 00:25:02 2023
Response via : Initial Calibration

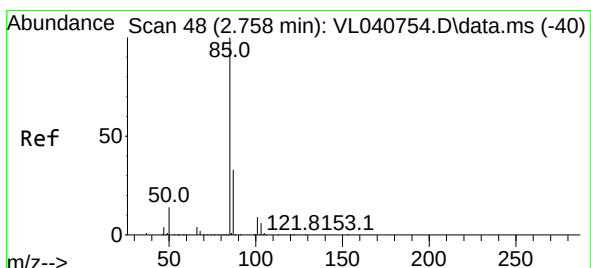
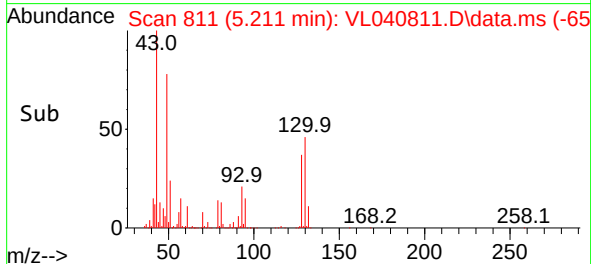
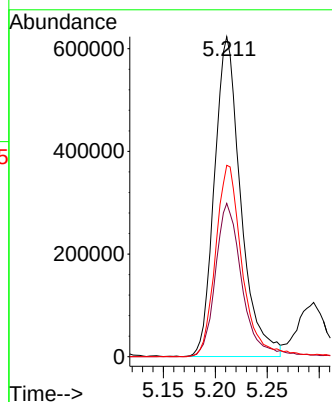
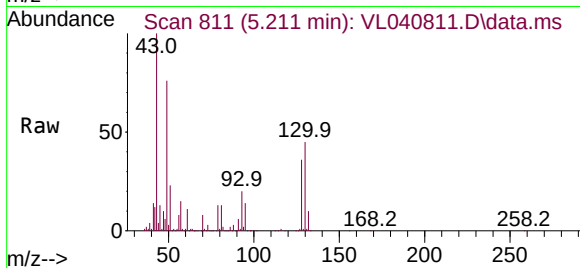




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

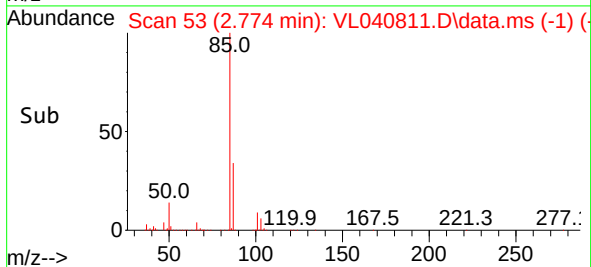
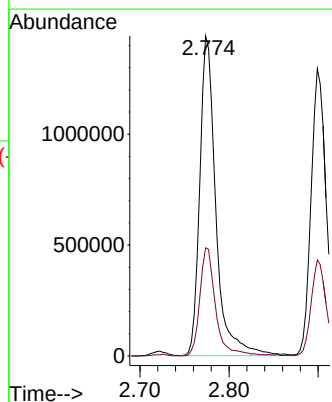
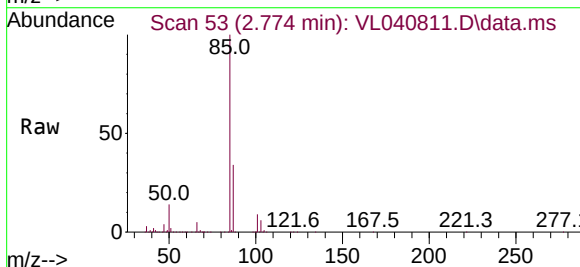
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MSVOA_L
ClientSampleId :
VL1108ABS01

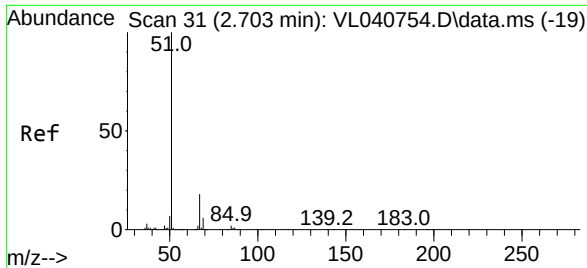
Tgt Ion: 49 Resp: 1093976
Ion Ratio Lower Upper
49 100
128 49.0 23.9 71.7
130 61.7 30.7 92.1



#2
Dichlorodifluoromethane
Concen: 9.402 ppbv
RT: 2.774 min Scan# 53
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 85 Resp: 1811329
Ion Ratio Lower Upper
85 100
87 33.8 26.0 39.0

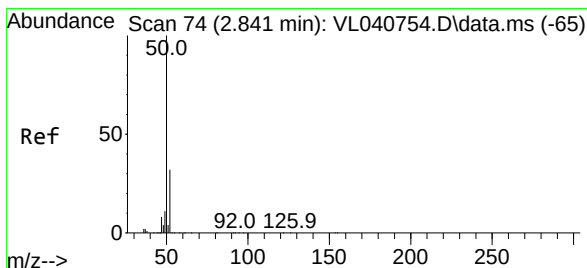
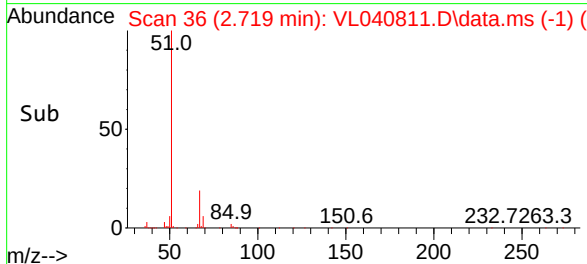
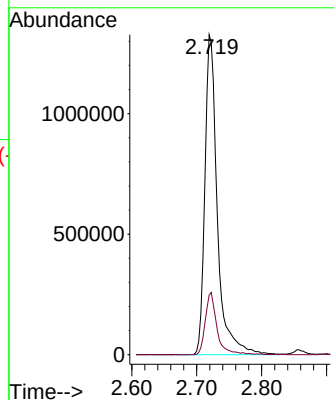
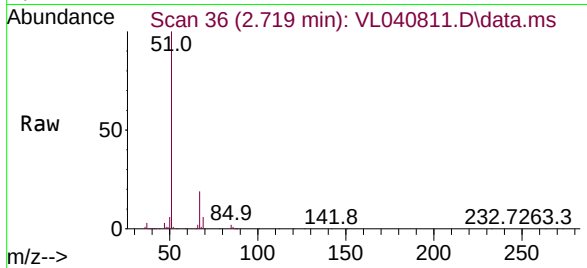




#3
 Chlorodifluoromethane
 Concen: 11.007 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

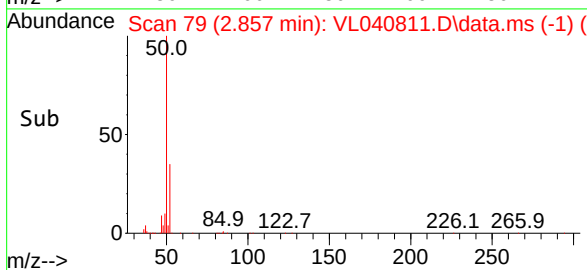
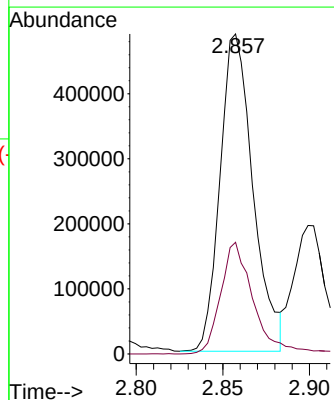
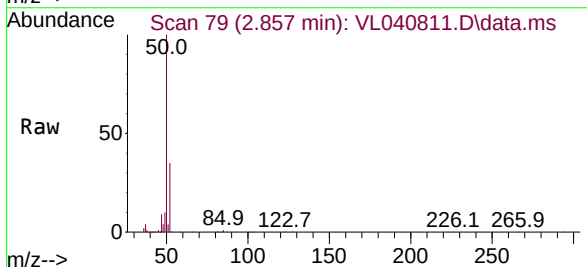
Instrument :
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 ClientSampleId :
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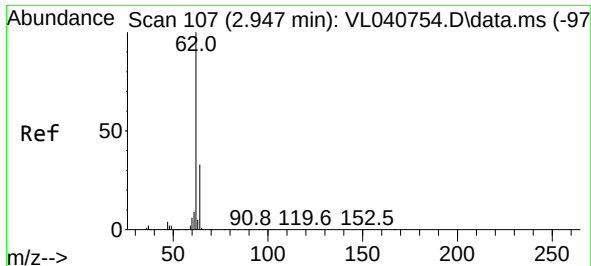
Tgt Ion: 51 Resp: 1769697
 Ion Ratio Lower Upper
 51 100
 67 18.5 13.8 20.6



#4
 Chloromethane
 Concen: 10.190 ppbv
 RT: 2.857 min Scan# 79
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Tgt Ion: 50 Resp: 646920
 Ion Ratio Lower Upper
 50 100
 52 35.2 25.3 37.9

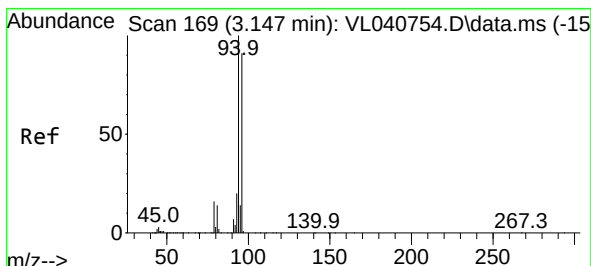
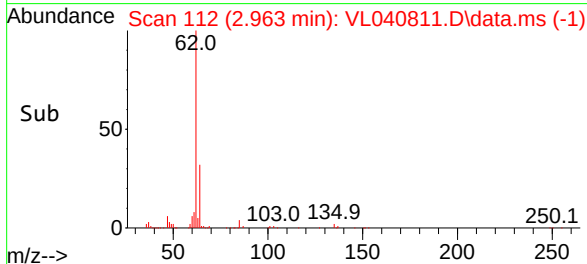
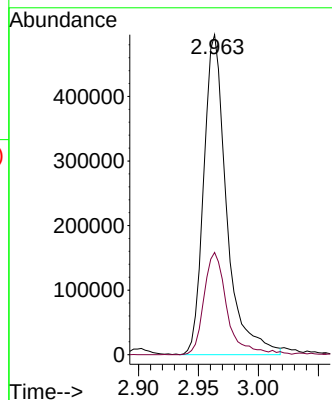
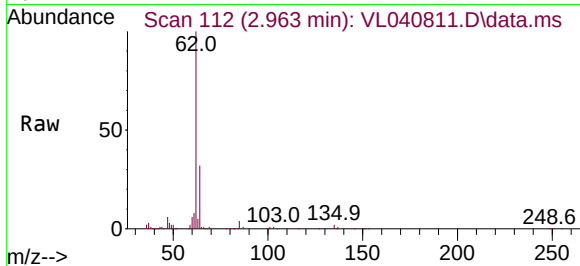




#5
 Vinyl Chloride
 Concen: 10.040 ppbv
 RT: 2.963 min Scan# 11
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

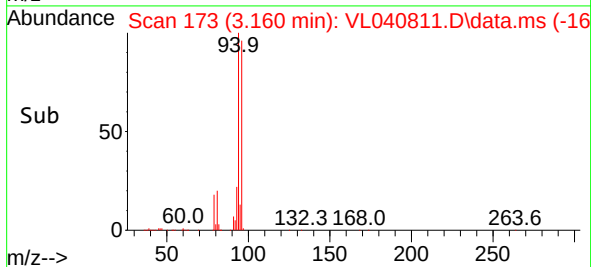
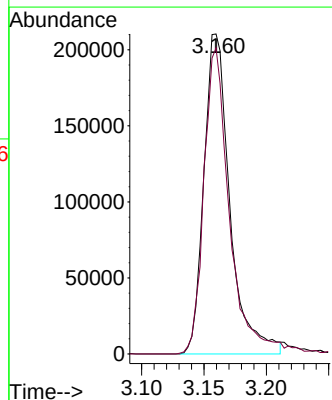
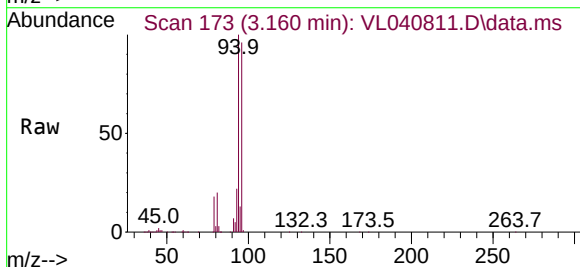
Instrument :
 MSVOA_1
 ClientSampleId :
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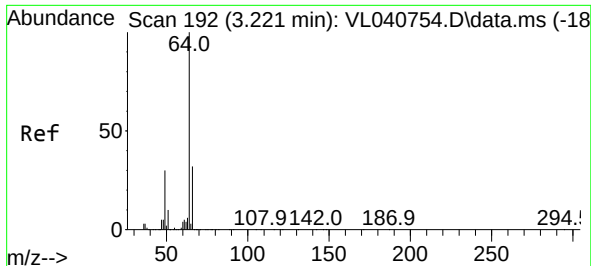
Tgt Ion: 62 Resp: 658576
 Ion Ratio Lower Upper
 62 100
 64 32.0 26.6 39.8



#6
 Bromomethane
 Concen: 11.281 ppbv
 RT: 3.160 min Scan# 173
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Tgt Ion: 94 Resp: 306143
 Ion Ratio Lower Upper
 94 100
 96 95.4 72.6 109.0

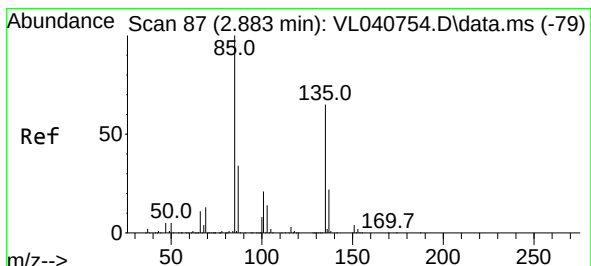
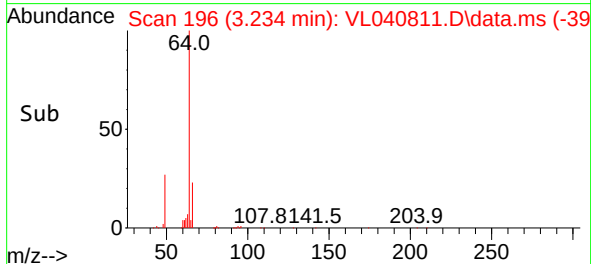
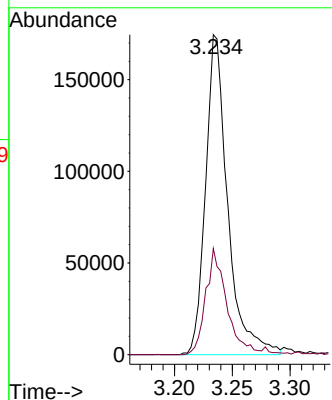
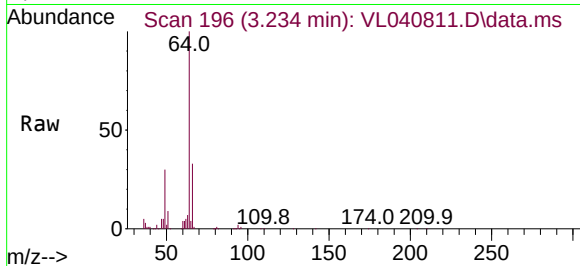




#7
Chloroethane
Concen: 10.891 ppbv
RT: 3.234 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

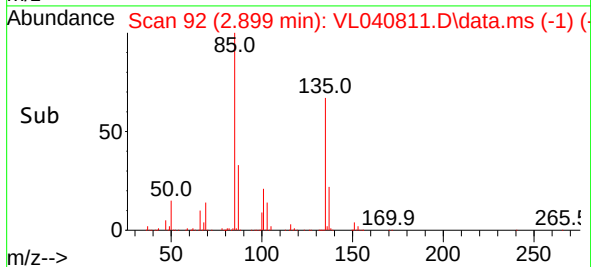
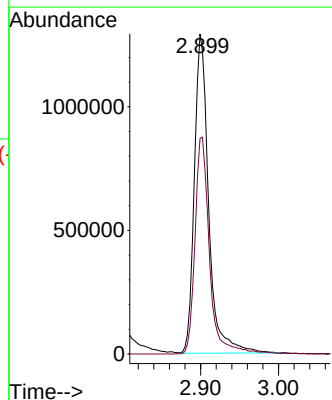
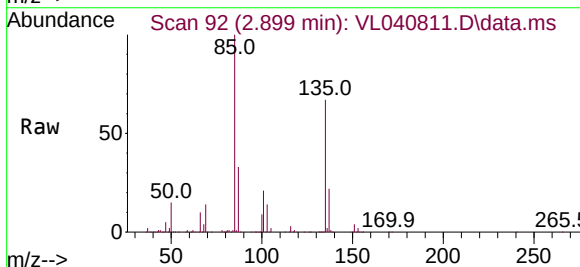
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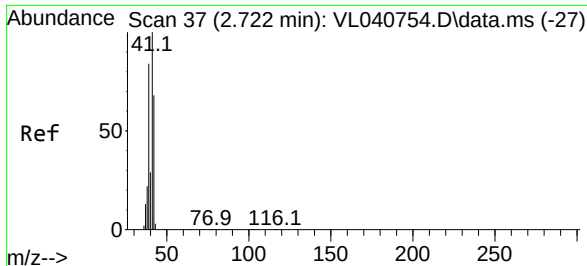
Tgt Ion: 64 Resp: 232570
Ion Ratio Lower Upper
64 100
66 33.2 25.4 38.2



#8
Dichlorotetrafluoroethane
Concen: 11.284 ppbv
RT: 2.899 min Scan# 92
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 85 Resp: 1647850
Ion Ratio Lower Upper
85 100
135 69.2 55.4 83.2

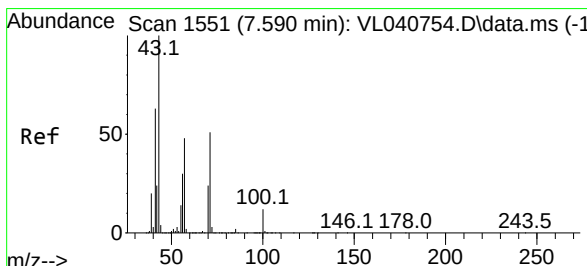
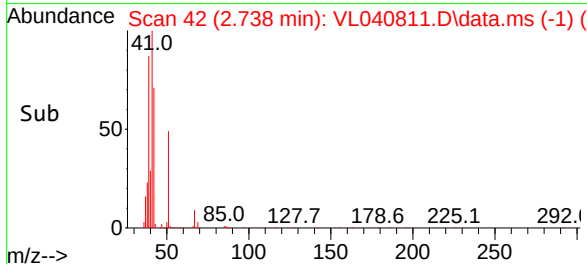
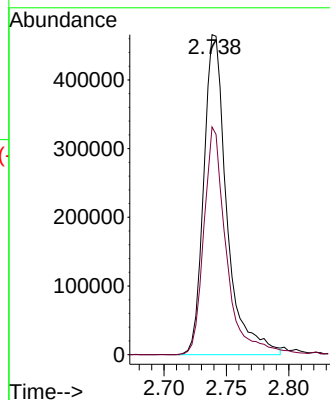
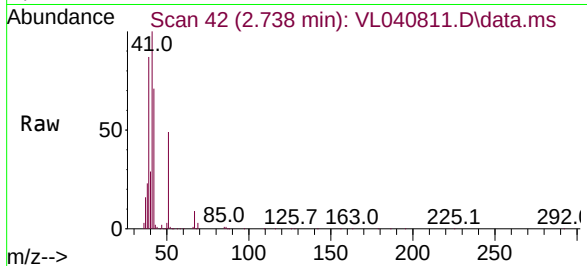




#9
Propene
Concen: 10.056 ppbv
RT: 2.738 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

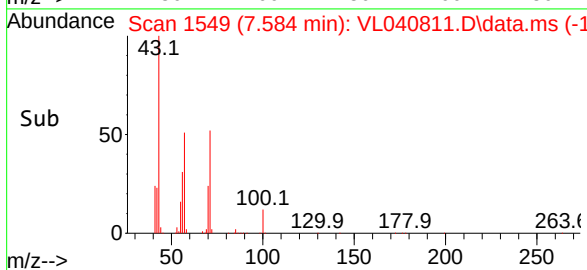
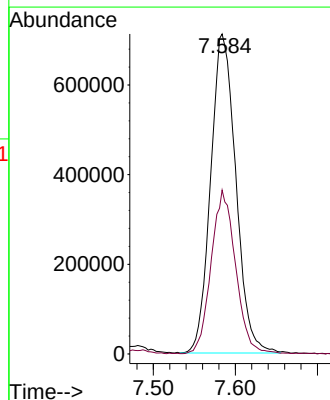
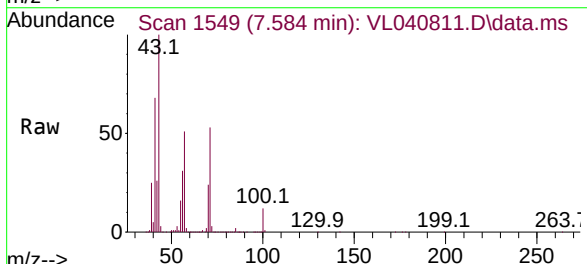
Instrument :
MSVOA_1
ClientSampleId :
VL1108ABS01

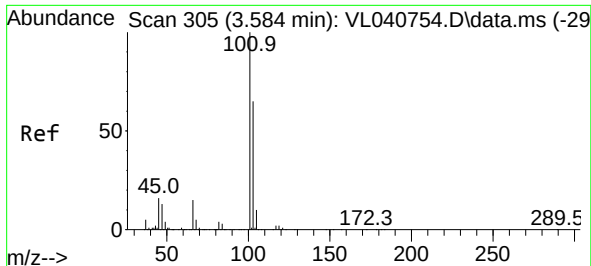
Tgt Ion: 41 Resp: 600502
Ion Ratio Lower Upper
41 100
42 70.3 57.1 85.7



#10
Heptane
Concen: 10.126 ppbv
RT: 7.584 min Scan# 1549
Delta R.T. -0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 43 Resp: 1519080
Ion Ratio Lower Upper
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57 49.9 40.0 60.0

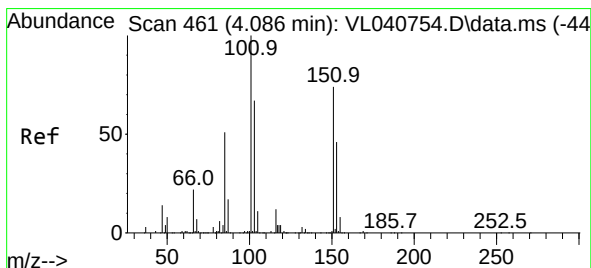
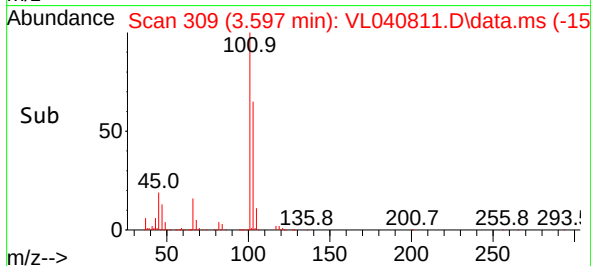
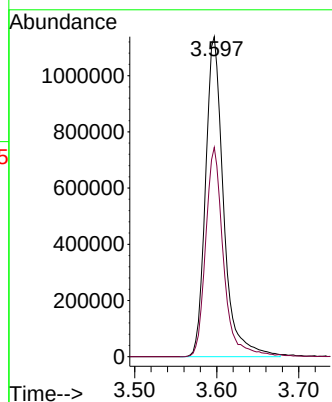
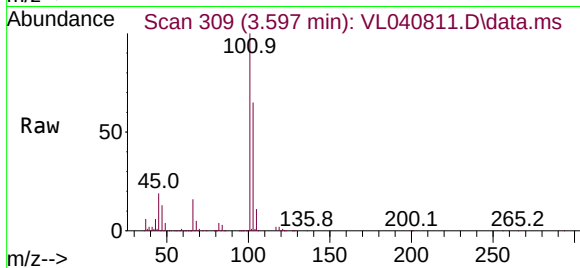




#11
 Trichlorofluoromethane
 Concen: 11.714 ppbv
 RT: 3.597 min Scan# 305
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

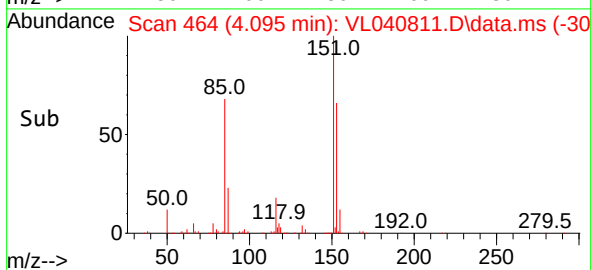
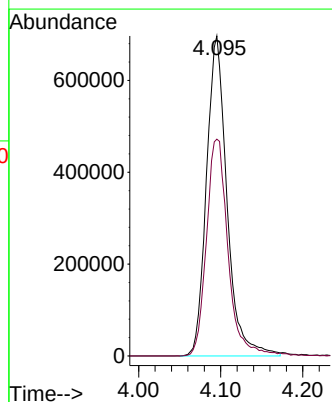
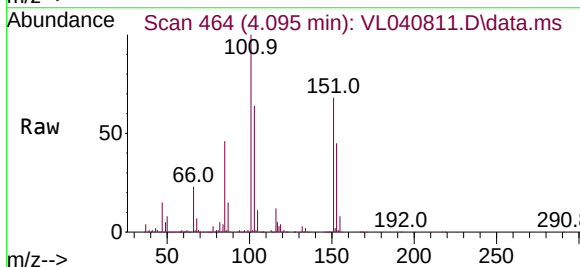
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1108ABS01

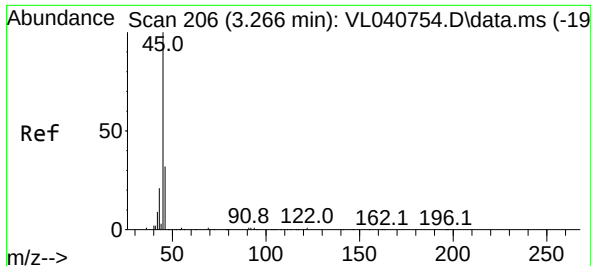
Tgt Ion:101 Resp: 1741681
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.2 78.2



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.407 ppbv
 RT: 4.095 min Scan# 464
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Tgt Ion:101 Resp: 1209646
 Ion Ratio Lower Upper
 101 100
 151 71.7 58.1 87.1

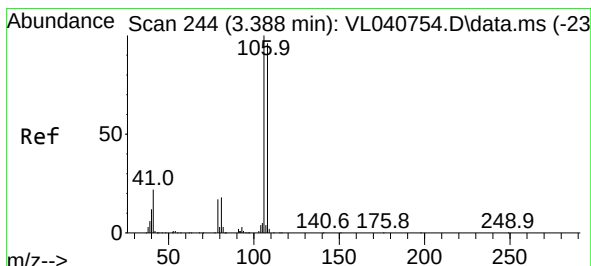
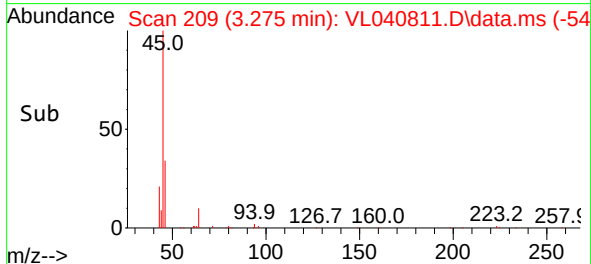
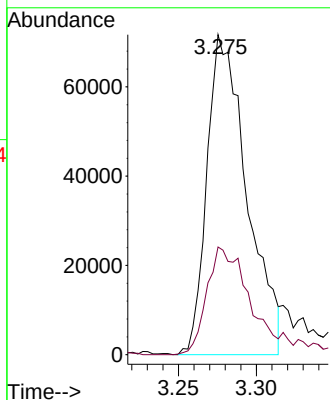
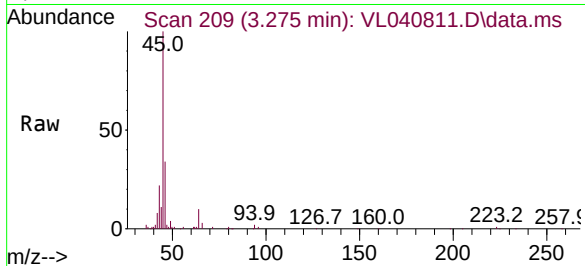




#13
Ethanol
Concen: 9.504 ppbv
RT: 3.275 min Scan# 206
Delta R.T. -0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

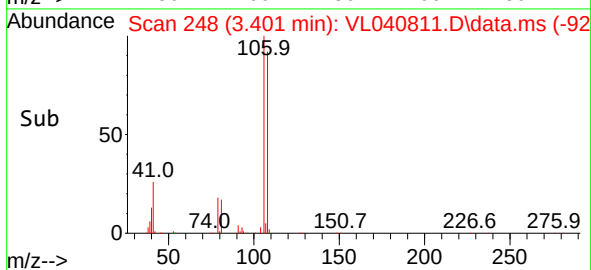
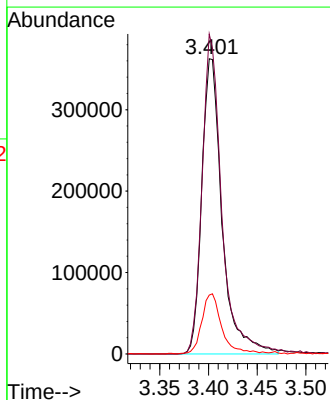
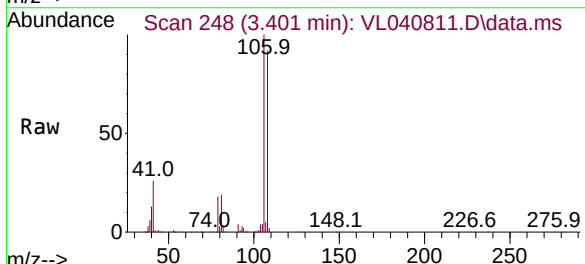
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

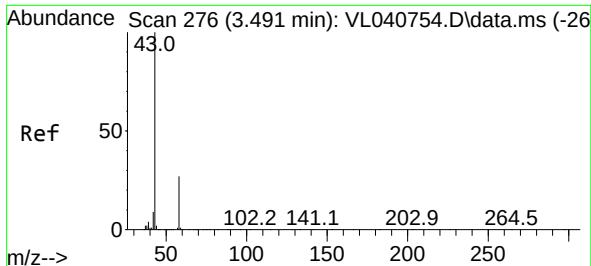
Tgt Ion: 45 Resp: 128118
Ion Ratio Lower Upper
45 100
46 42.2 14.6 58.2



#14
Bromoethene
Concen: 11.593 ppbv
RT: 3.401 min Scan# 248
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion:108 Resp: 526503
Ion Ratio Lower Upper
108 100
106 105.8 85.2 127.8
79 20.5 15.7 23.5

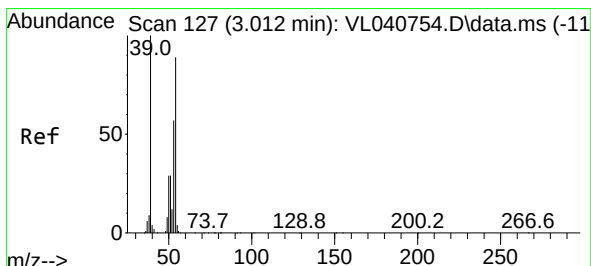
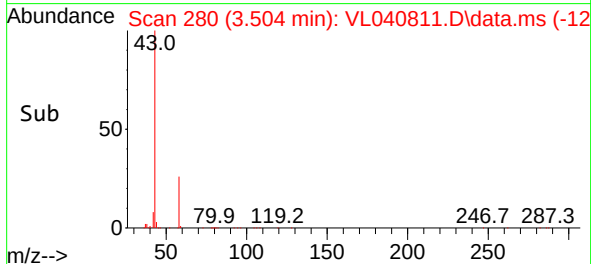
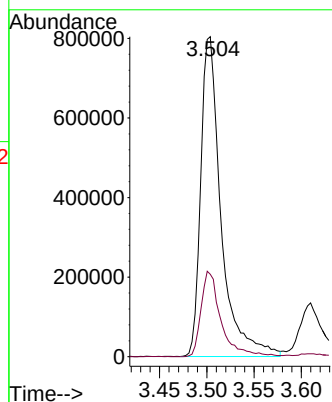
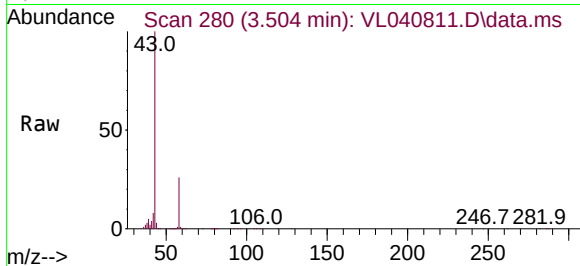




#15
Acetone
Concen: 10.644 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

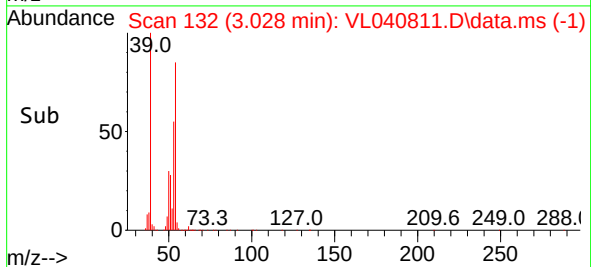
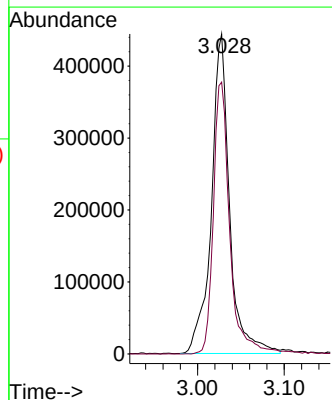
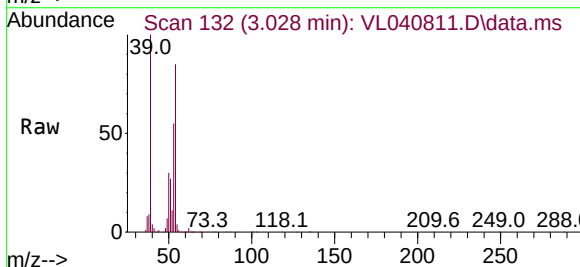
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

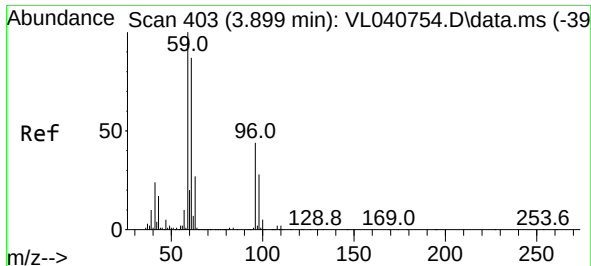
Tgt Ion: 43 Resp: 1203741
Ion Ratio Lower Upper
43 100
58 26.4 21.6 32.4



#16
1,3-Butadiene
Concen: 10.925 ppbv
RT: 3.028 min Scan# 132
Delta R.T. 0.006 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 39 Resp: 648189
Ion Ratio Lower Upper
39 100
54 77.1 63.0 94.6

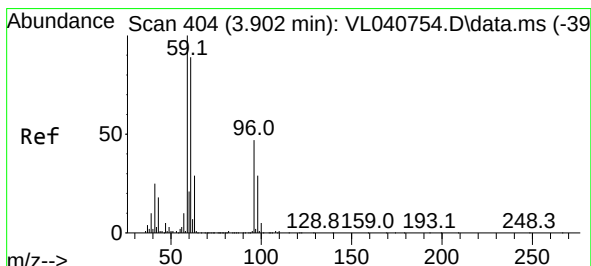
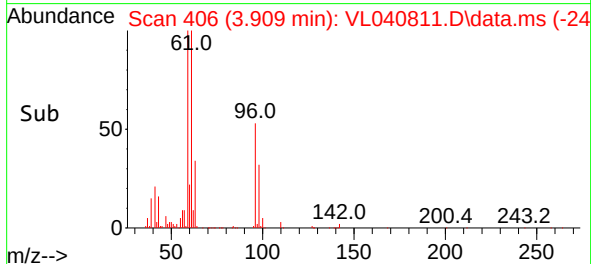
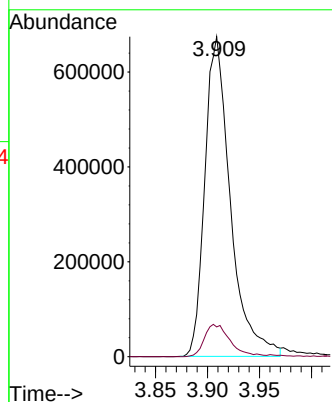
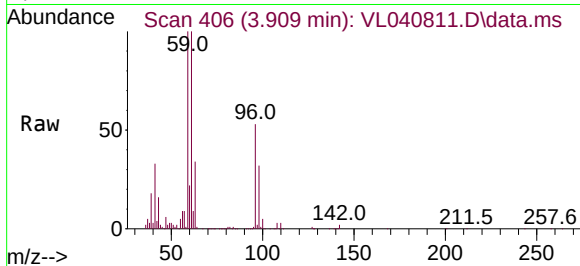




#17
tert-Butyl alcohol
Concen: 9.934 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

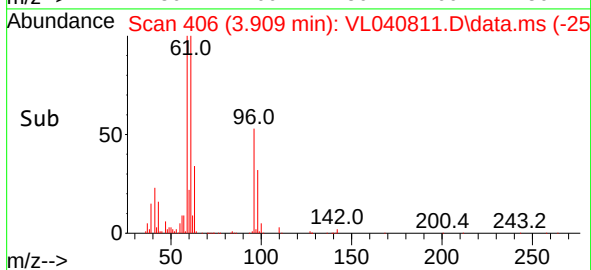
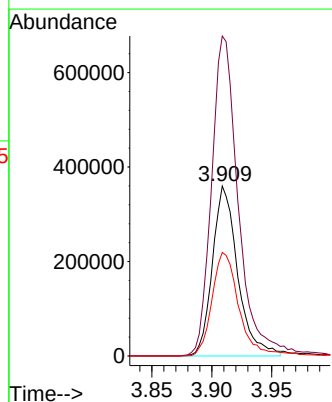
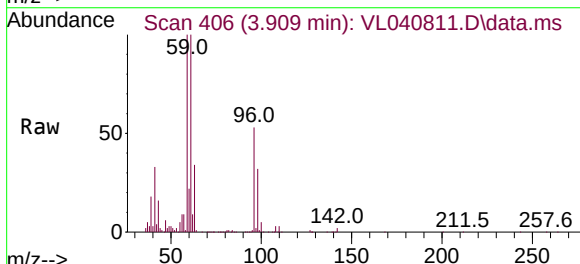
Instrument :
MSVOA_1
ClientSampleId :
VL1108ABS01

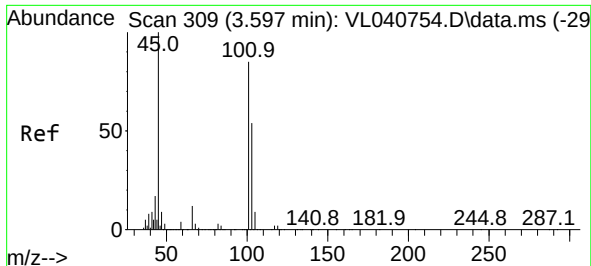
Tgt Ion: 59 Resp: 1151958
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#18
1,1-Dichloroethene
Concen: 11.106 ppbv
RT: 3.909 min Scan# 406
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 96 Resp: 527851
Ion Ratio Lower Upper
96 100
61 188.2 152.5 228.7
98 60.9 49.6 74.4

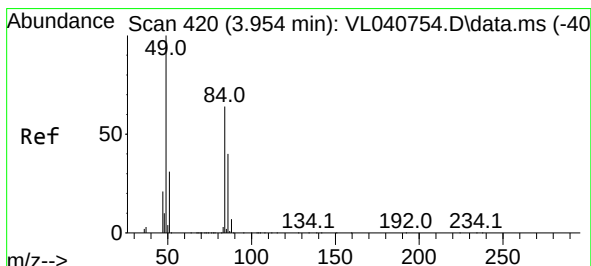
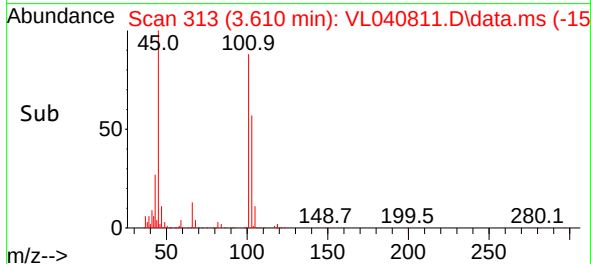
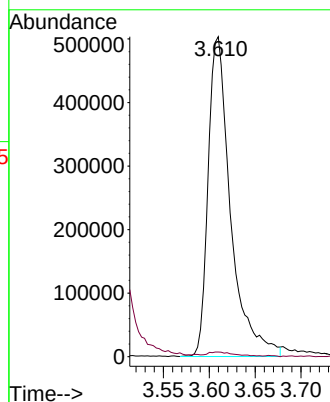
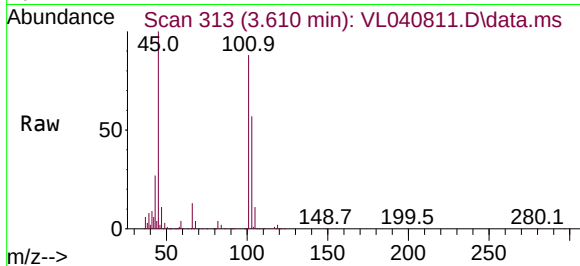




#19
Isopropyl Alcohol
Concen: 11.802 ppbv
RT: 3.610 min Scan# 311
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

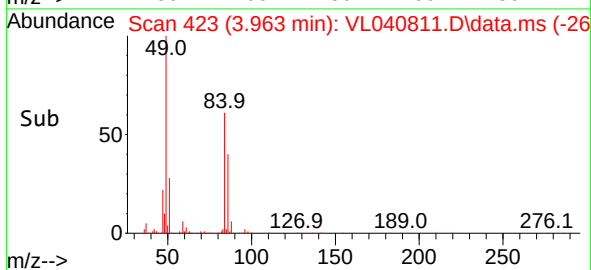
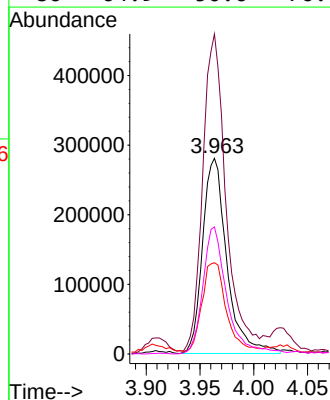
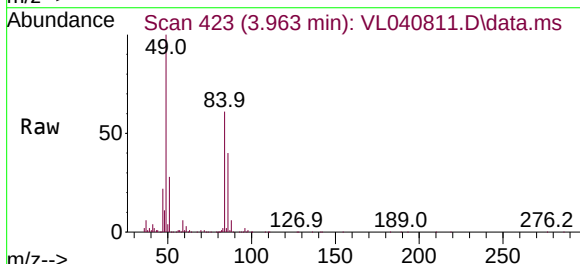
Instrument :
MSVOA_1
ClientSampleId :
VL1108ABS01

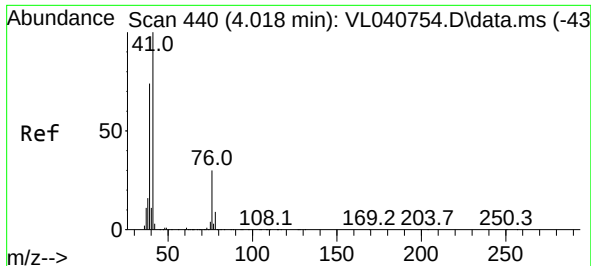
Tgt Ion: 45 Resp: 859254
Ion Ratio Lower Upper
45 100
58 2.0 30.3 45.5#



#20
Methylene Chloride
Concen: 9.358 ppbv
RT: 3.963 min Scan# 423
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 84 Resp: 440834
Ion Ratio Lower Upper
84 100
49 162.3 125.6 188.4
51 45.1 38.9 58.3
86 64.9 50.6 76.0

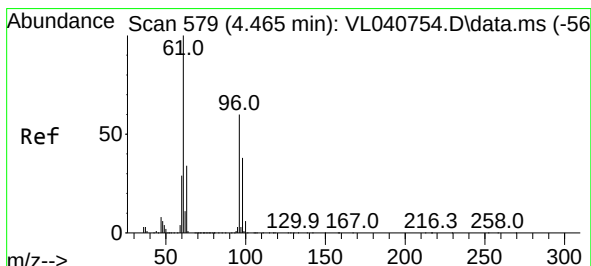
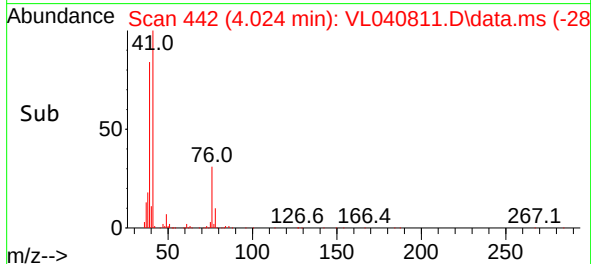
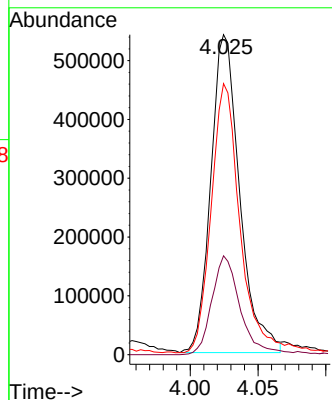
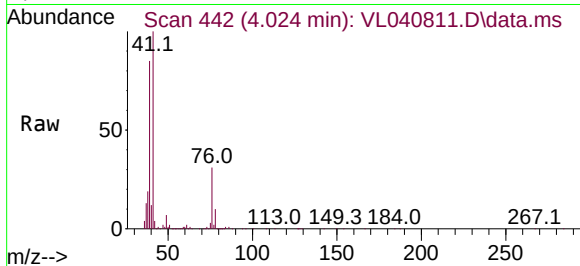




#21
 Allyl Chloride
 Concen: 10.761 ppbv
 RT: 4.024 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

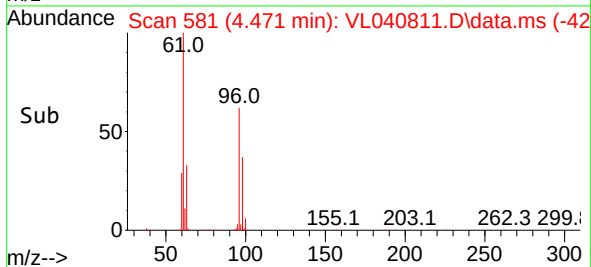
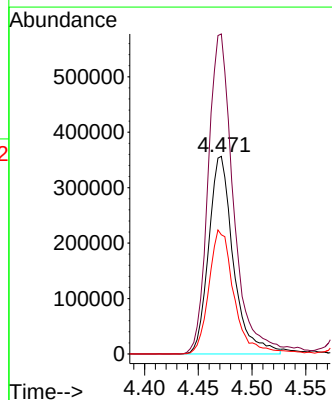
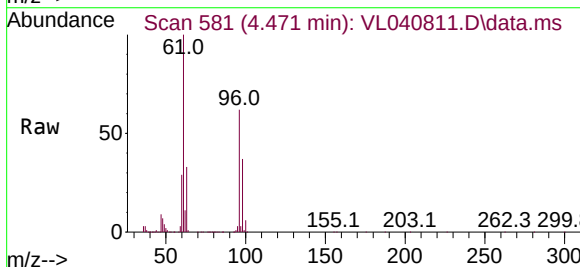
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1108ABS01

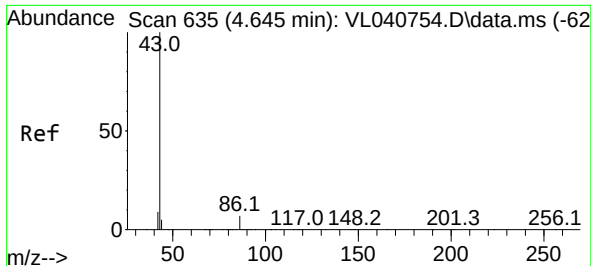
Tgt Ion: 41 Resp: 802638
 Ion Ratio Lower Upper
 41 100
 76 31.0 24.1 36.1
 39 86.8 63.8 95.6



#22
 trans-1,2-Dichloroethene
 Concen: 11.264 ppbv
 RT: 4.471 min Scan# 581
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Tgt Ion: 96 Resp: 569807
 Ion Ratio Lower Upper
 96 100
 61 162.0 134.0 201.0
 98 60.3 51.0 76.4



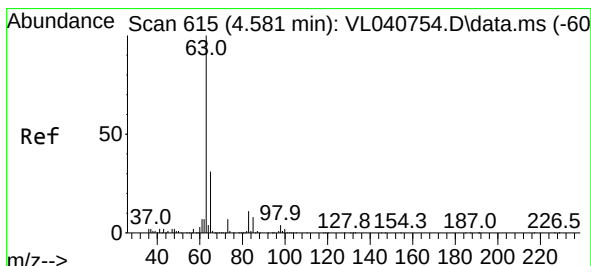
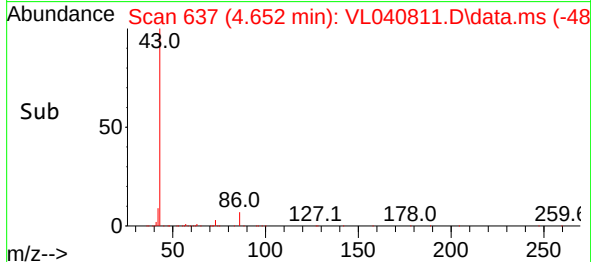
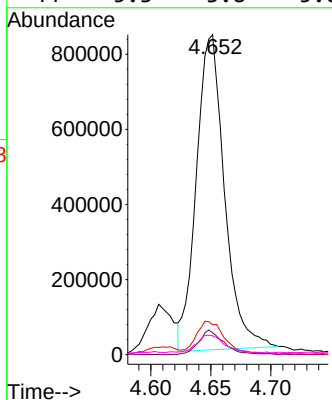
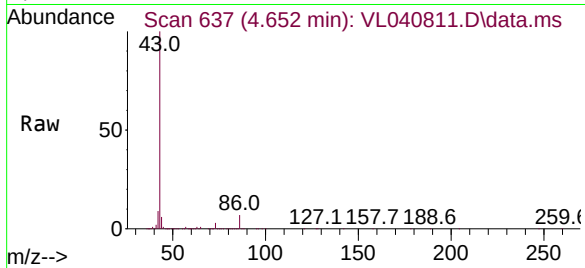


#23
 Vinyl Acetate
 Concen: 9.530 ppbv
 RT: 4.652 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Instrument :
 MSVOA_1
 ClientSampleId :
 VL1108ABS01

Tgt Ion: 43 Resp: 1373575

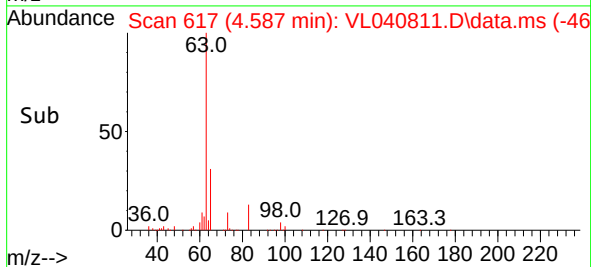
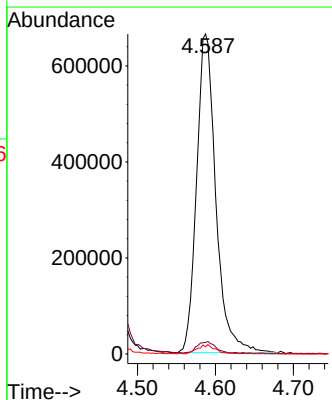
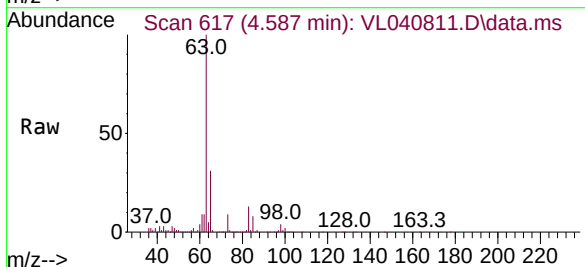
Ion	Ratio	Lower	Upper
43	100		
86	7.0	4.9	7.3
42	9.4	7.8	11.6
44	5.3	3.8	5.6

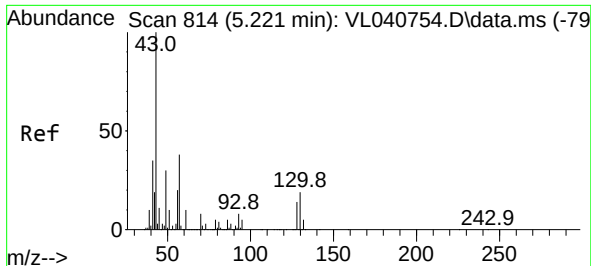


#24
 1,1-Dichloroethane
 Concen: 10.477 ppbv
 RT: 4.587 min Scan# 617
 Delta R.T. 0.000 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Tgt Ion: 63 Resp: 1138867

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.0	5.8
100	2.2	1.3	3.8



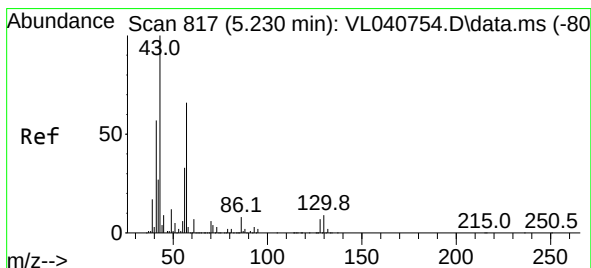
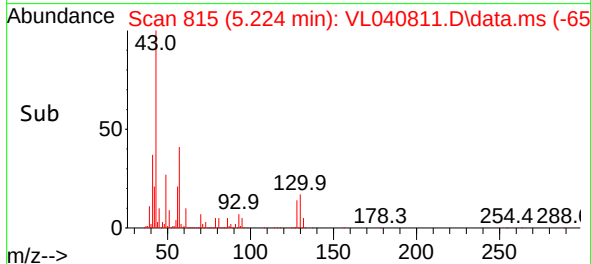
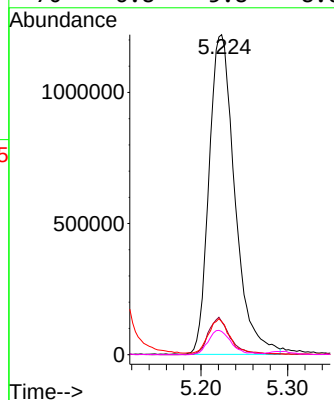
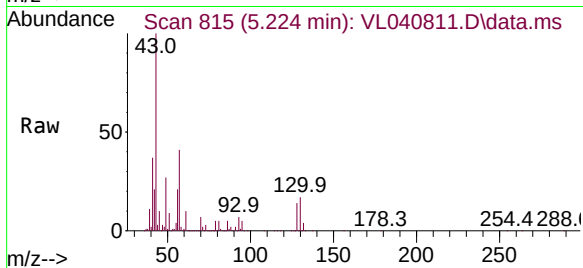


#25
Ethyl Acetate
Concen: 10.192 ppbv
RT: 5.224 min Scan# 814
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Instrument :
MSVOA_1
ClientSampleId :
VL1108ABS01

Tgt Ion: 43 Resp: 2525568

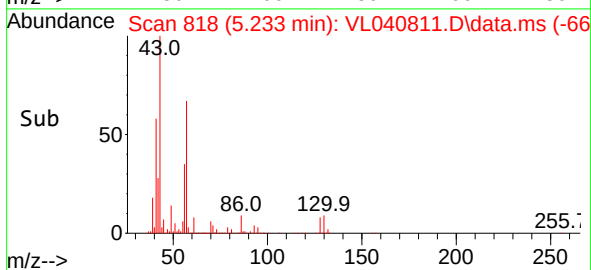
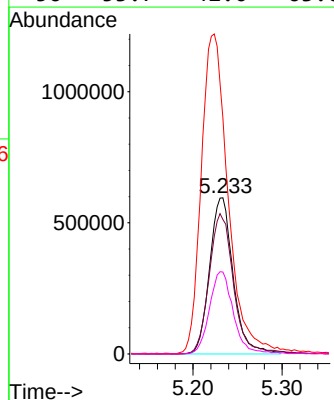
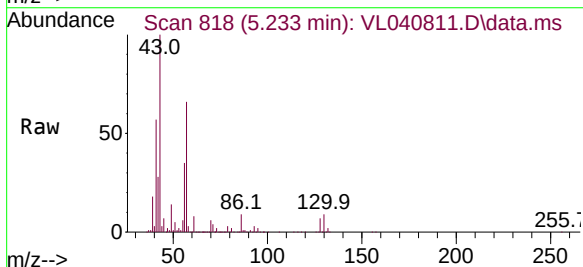
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	10.1	8.2	12.2
70	6.8	5.8	8.6

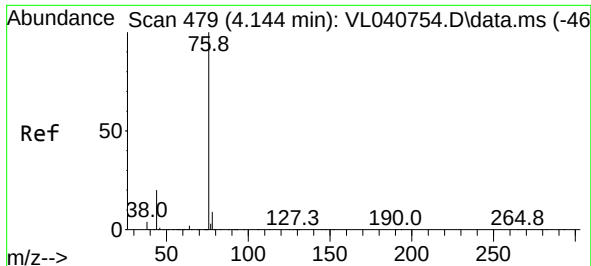


#26
Hexane
Concen: 9.646 ppbv
RT: 5.233 min Scan# 818
Delta R.T. 0.006 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 57 Resp: 1092392

Ion	Ratio	Lower	Upper
57	100		
41	93.7	71.4	107.2
43	235.3	182.3	273.5
56	53.7	42.0	63.0

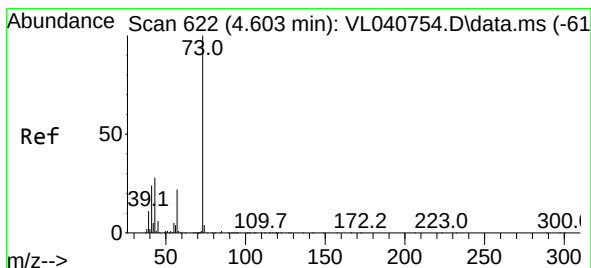
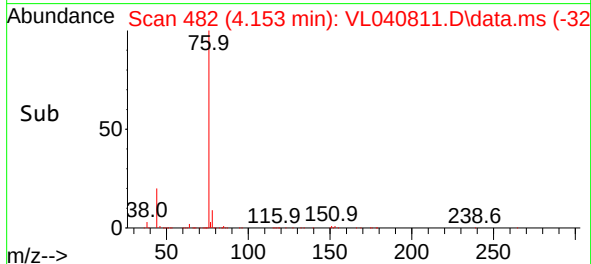
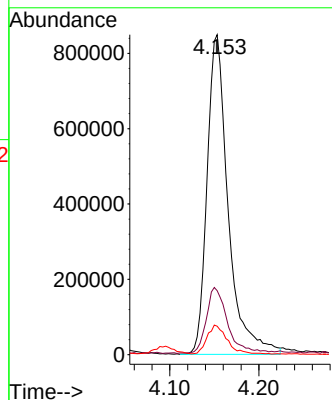
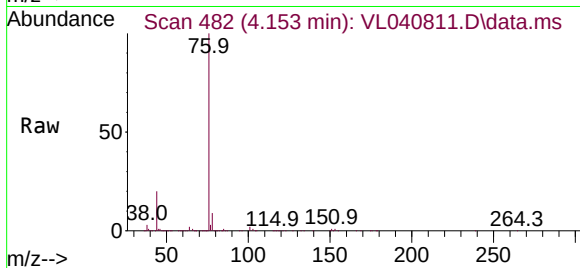




#27
Carbon Disulfide
Concen: 11.155 ppbv
RT: 4.153 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

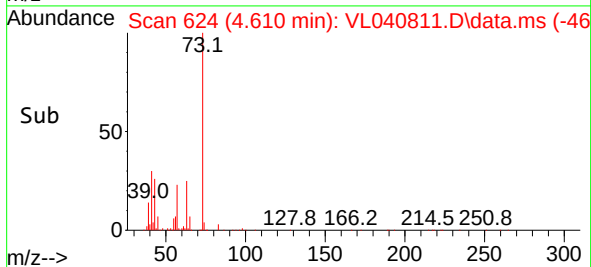
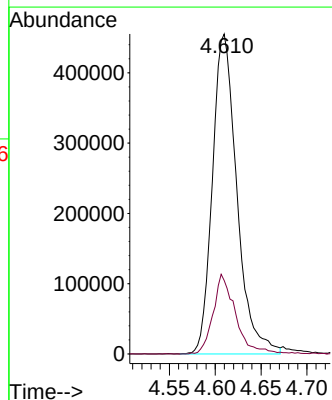
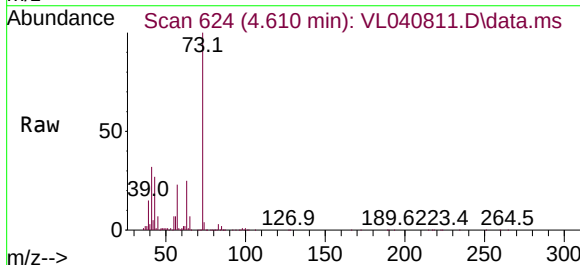
Instrument :
MSVOA_1
ClientSampleId :
VL1108ABS01

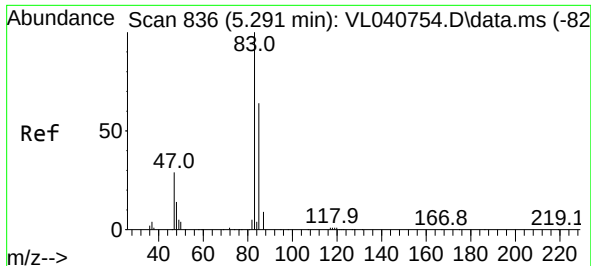
Tgt Ion: 76 Resp: 1393855
Ion Ratio Lower Upper
76 100
44 21.2 16.6 25.0
78 9.6 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 9.607 ppbv
RT: 4.610 min Scan# 624
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 73 Resp: 846059
Ion Ratio Lower Upper
73 100
57 23.1 18.9 28.3





#29

Chloroform

Concen: 11.195 ppbv

RT: 5.295 min Scan# 81

Delta R.T. 0.003 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_1

ClientSampleId :

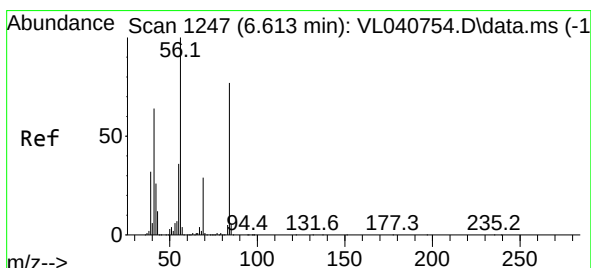
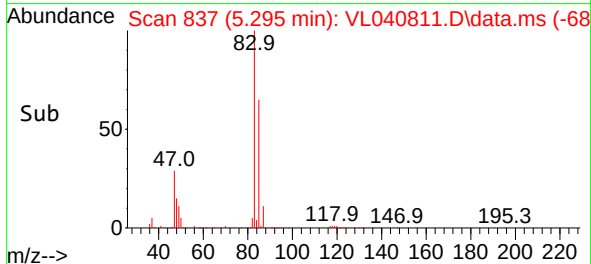
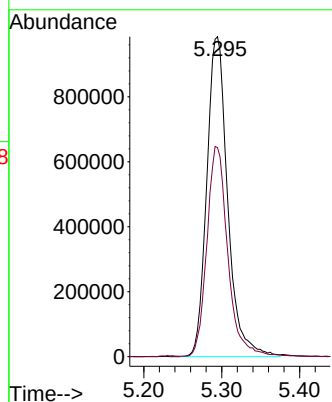
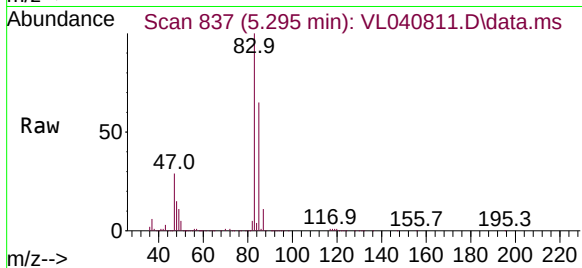
VL1108ABS01

Tgt Ion: 83 Resp: 1834488

Ion Ratio Lower Upper

83 100

85 65.2 51.3 76.9



#30

Cyclohexane

Concen: 9.951 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

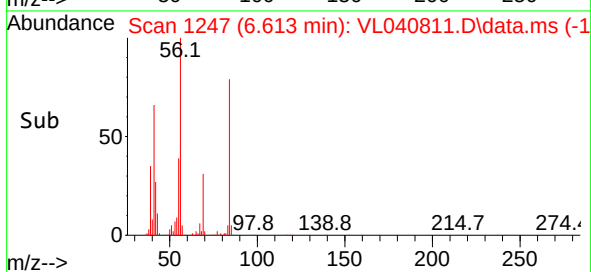
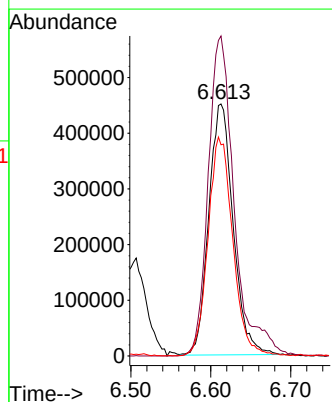
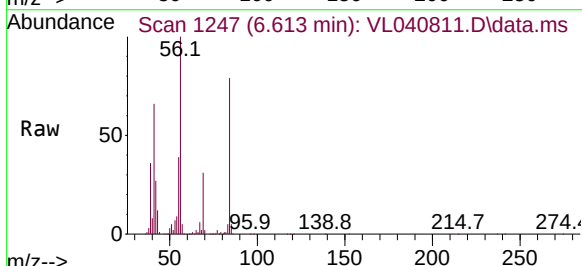
Tgt Ion: 84 Resp: 959053

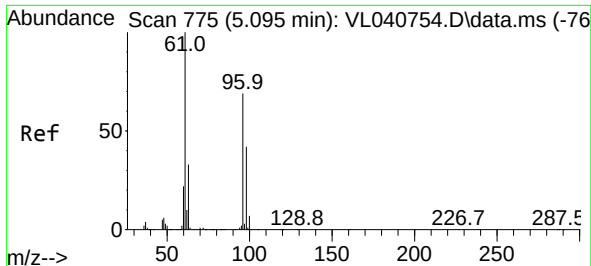
Ion Ratio Lower Upper

84 100

56 136.3 110.3 165.5

41 88.9 67.4 101.2

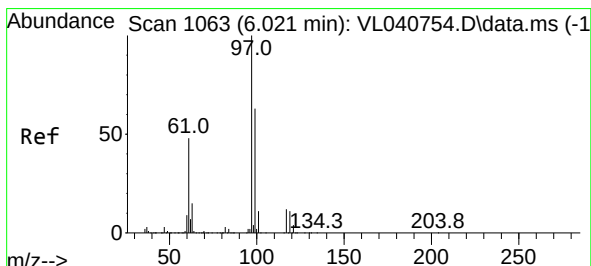
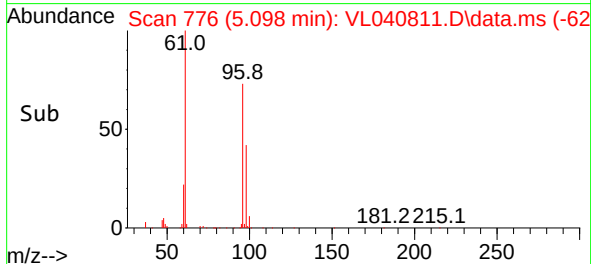
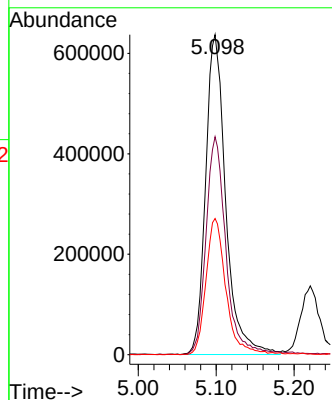
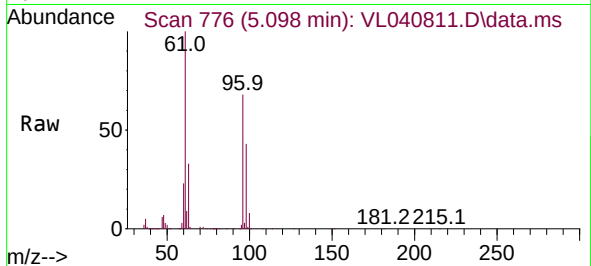




#31
 cis-1,2-Dichloroethene
 Concen: 10.939 ppbv
 RT: 5.098 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

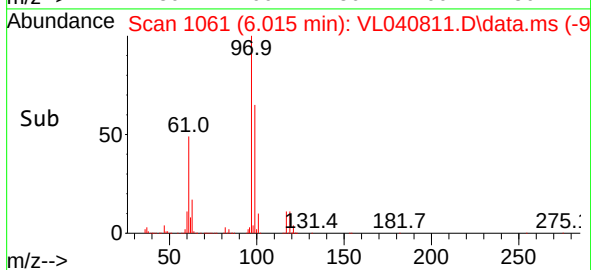
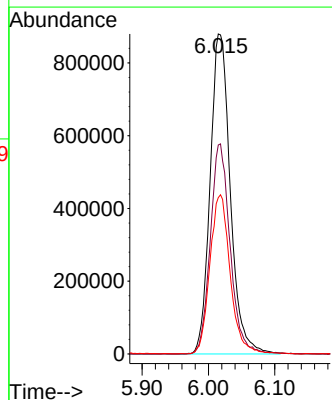
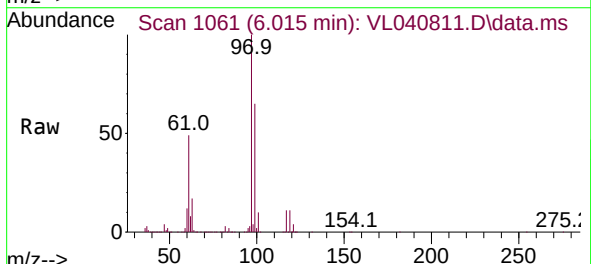
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1108ABS01

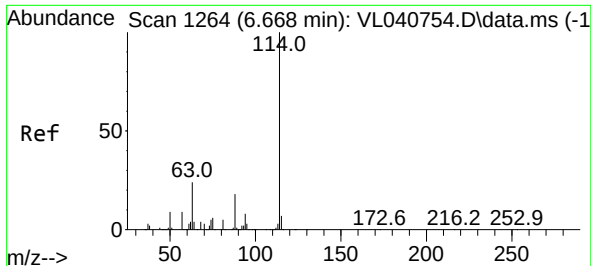
Tgt Ion: 61 Resp: 1141651
 Ion Ratio Lower Upper
 61 100
 96 68.2 55.1 82.7
 98 42.5 33.5 50.3



#32
 1,1,1-Trichloroethane
 Concen: 10.658 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.000 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Tgt Ion: 97 Resp: 1858952
 Ion Ratio Lower Upper
 97 100
 99 64.7 51.8 77.6
 61 50.2 38.6 58.0





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

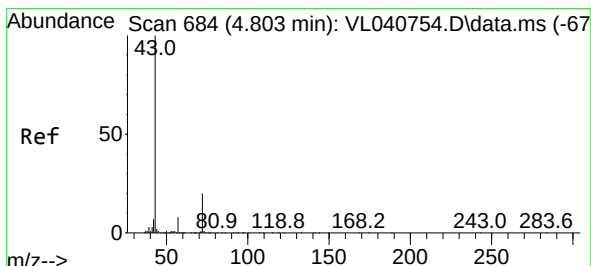
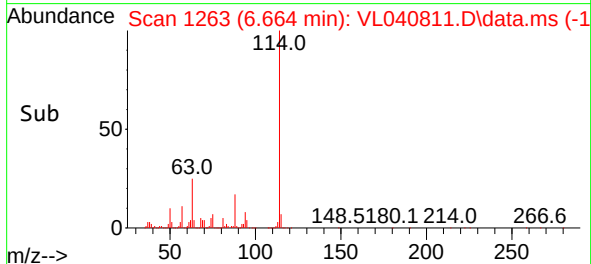
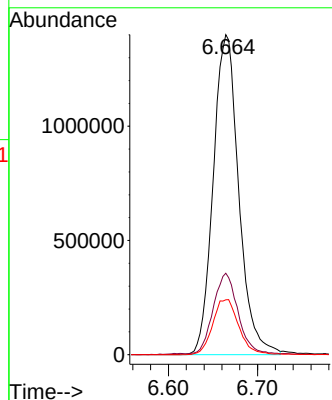
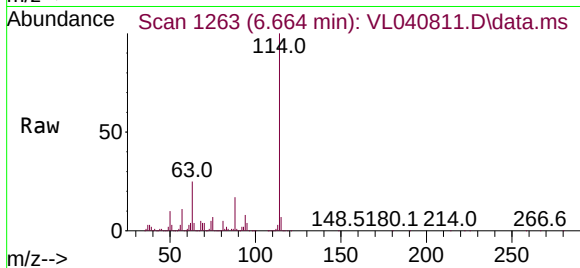
Tgt Ion:114 Resp: 2792339

Ion Ratio Lower Upper

114 100

63 25.6 19.8 29.6

88 17.7 14.2 21.2



#34

2-Butanone

Concen: 10.154 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.000 min

Lab File: VL040811.D

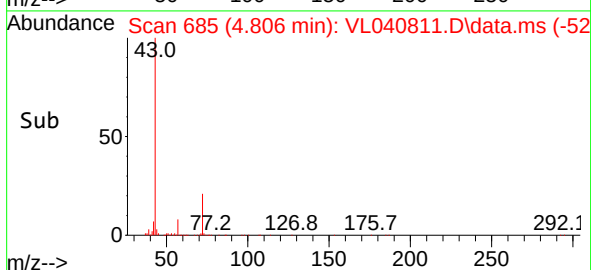
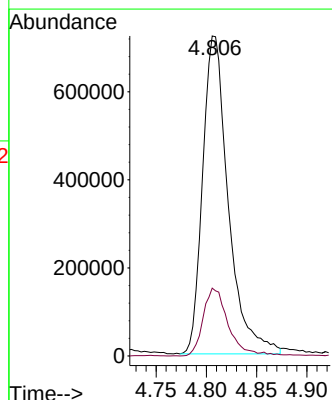
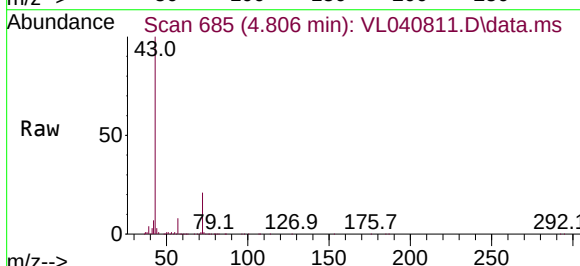
Acq: 8 Nov 2023 14:59

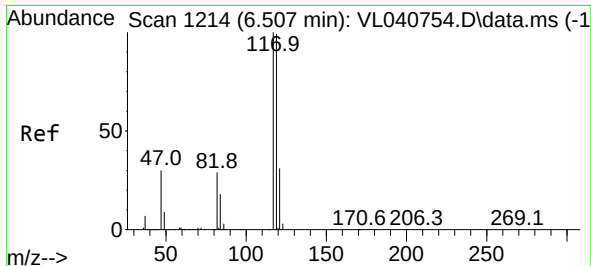
Tgt Ion: 43 Resp: 1283425

Ion Ratio Lower Upper

43 100

72 21.5 16.8 25.2

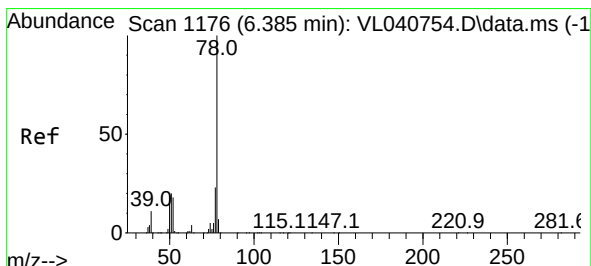
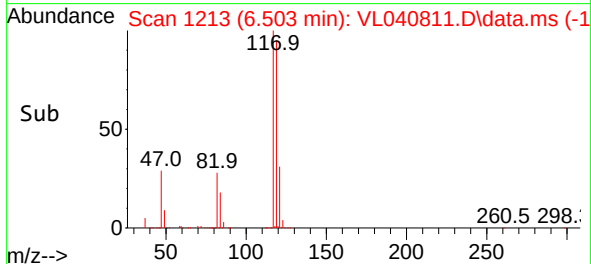
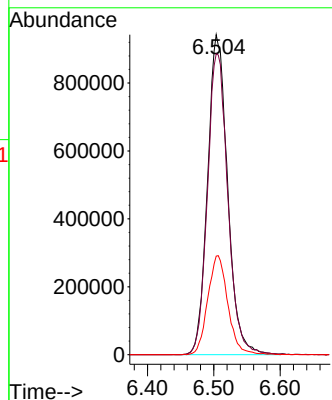
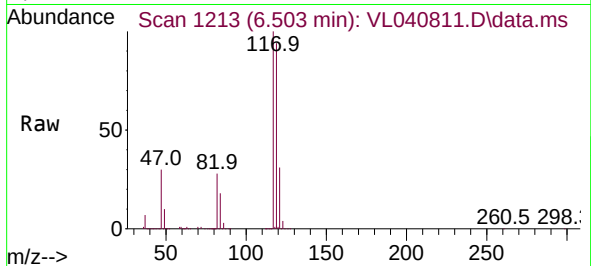




#35
Carbon Tetrachloride
Concen: 12.652 ppbv
RT: 6.503 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

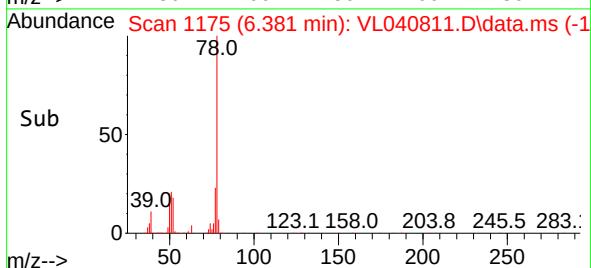
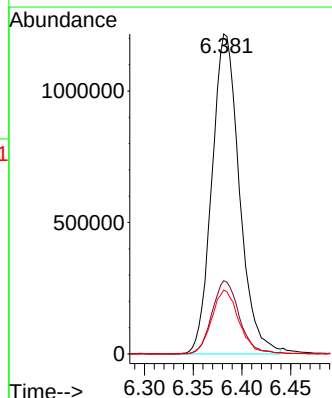
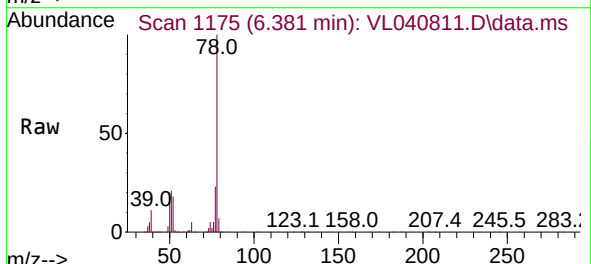
Instrument :
MSVOA_1
ClientSampleId :
VL1108ABS01

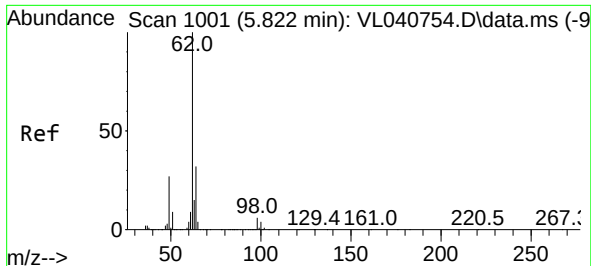
Tgt Ion:117 Resp: 1982898
Ion Ratio Lower Upper
117 100
119 94.0 79.4 119.0
121 30.8 25.0 37.4



#36
Benzene
Concen: 11.108 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 78 Resp: 2385894
Ion Ratio Lower Upper
78 100
77 22.9 18.4 27.6
50 19.9 15.0 22.4





#37

1,2-Dichloroethane

Concen: 13.019 ppbv

RT: 5.822 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_1

ClientSampleId :

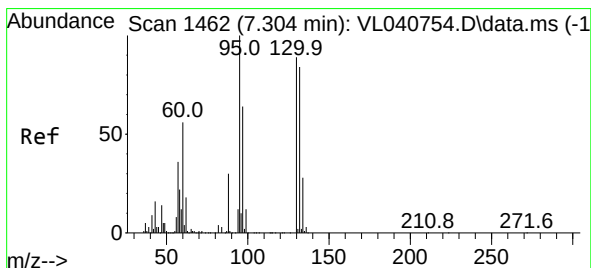
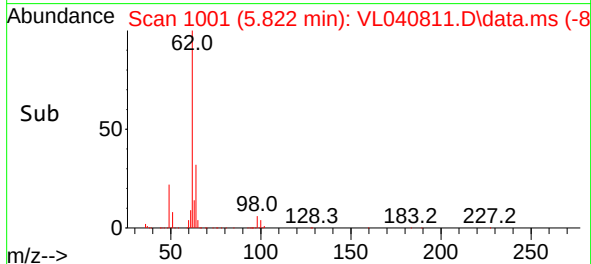
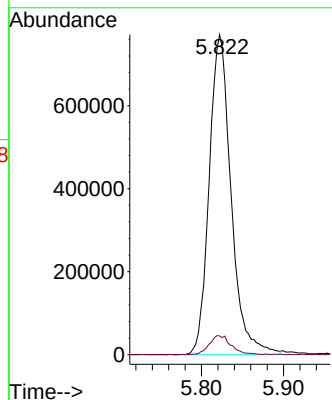
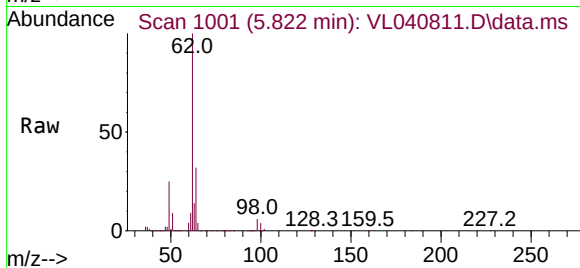
VL1108ABS01

Tgt Ion: 62 Resp: 1432041

Ion Ratio Lower Upper

62 100

98 6.2 5.4 8.0



#38

Trichloroethene

Concen: 9.953 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Tgt Ion:130 Resp: 946069

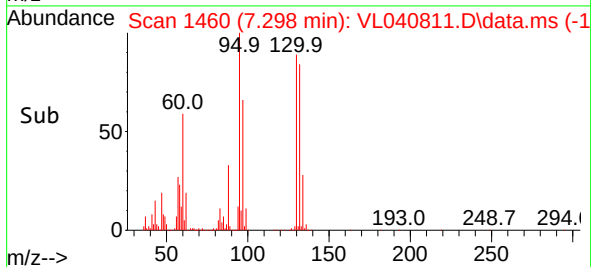
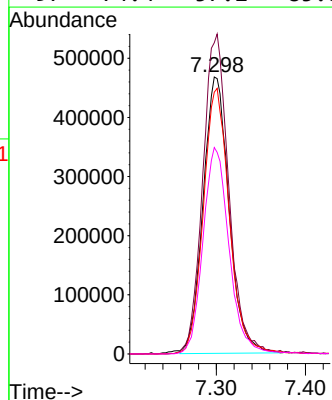
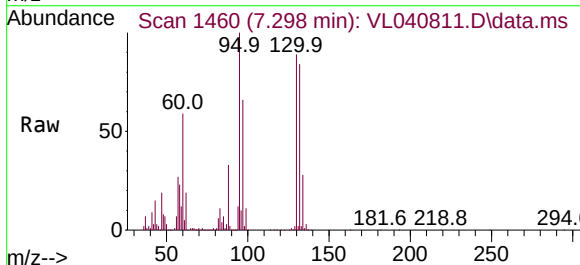
Ion Ratio Lower Upper

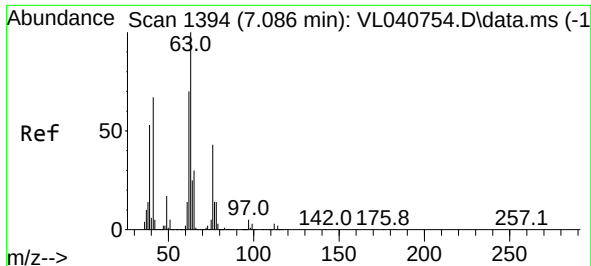
130 100

95 112.0 89.4 134.2

132 94.2 74.8 112.2

97 74.4 57.2 85.8





#39

1,2-Dichloropropane

Concen: 11.232 ppbv

RT: 7.082 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

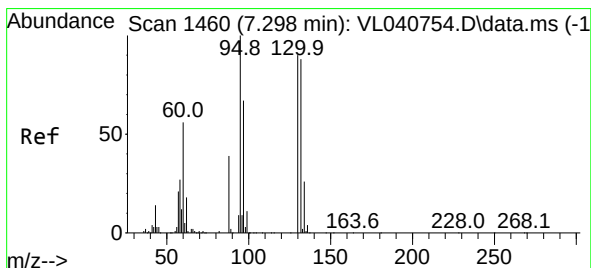
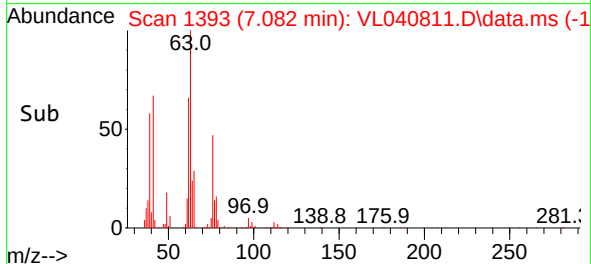
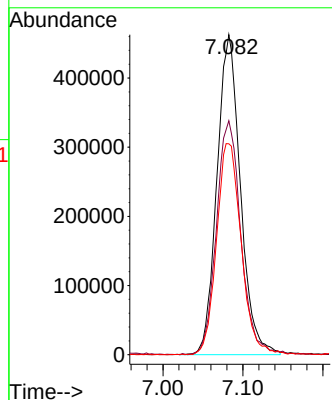
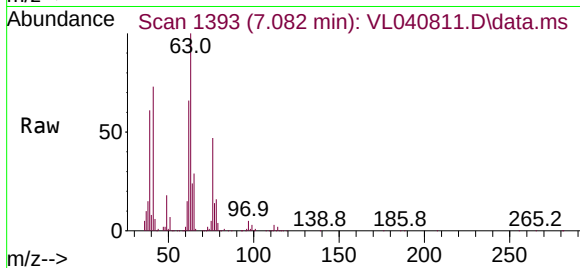
Tgt Ion: 63 Resp: 942508

Ion Ratio Lower Upper

63 100

41 73.1 53.7 80.5

62 65.8 55.7 83.5



#40

1,4-Dioxane

Concen: 12.652 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.003 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Tgt Ion: 88 Resp: 401760

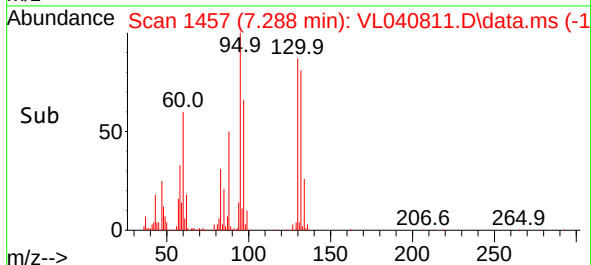
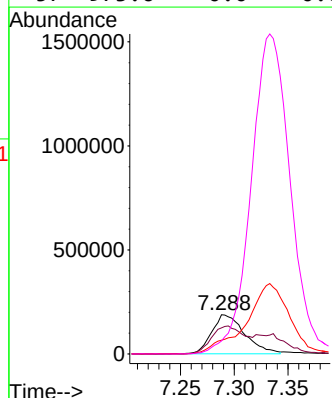
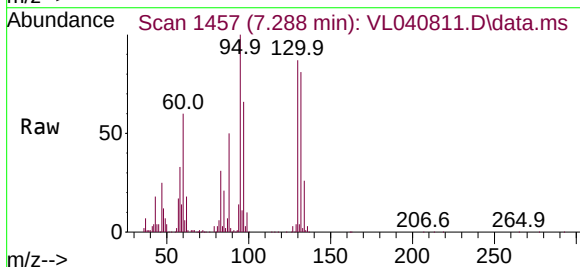
Ion Ratio Lower Upper

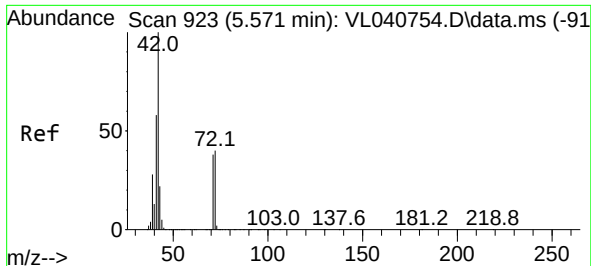
88 100

58 120.6 100.0 150.0

43 232.3 0.0 0.0#

57 973.6 0.0 0.0#

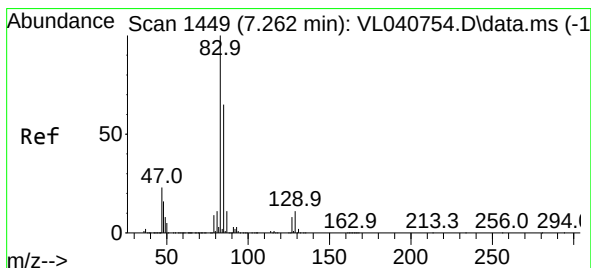
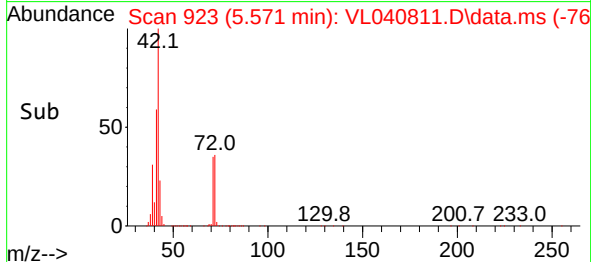
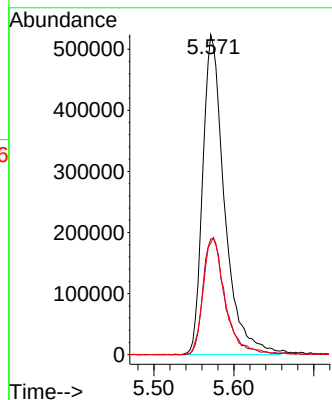
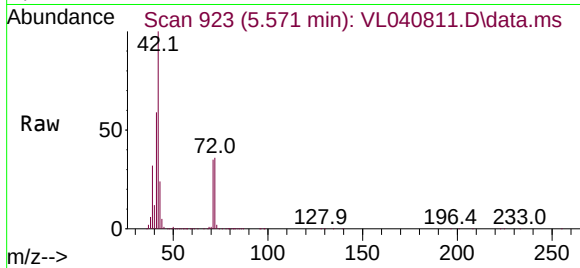




#41
Tetrahydrofuran
Concen: 11.331 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

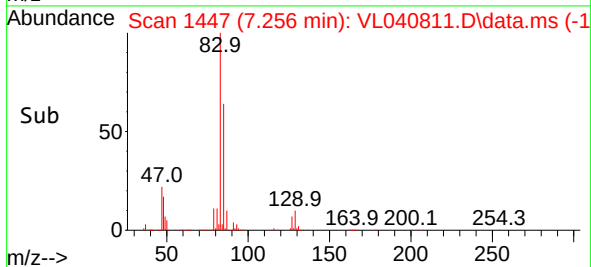
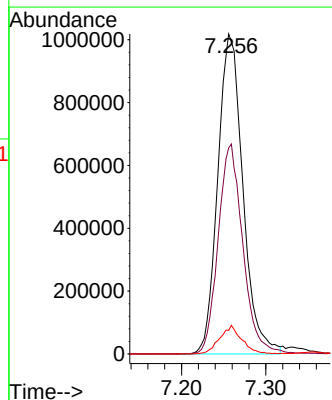
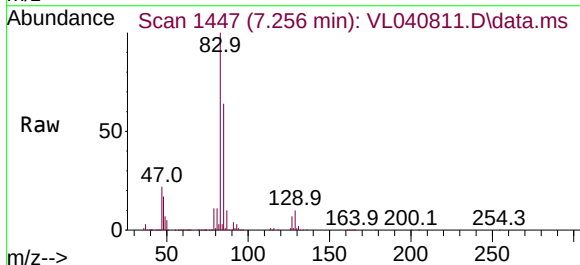
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

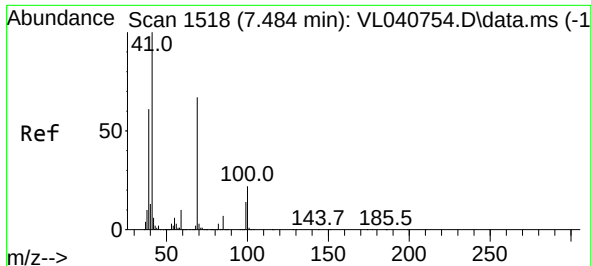
Tgt Ion: 42 Resp: 991777
Ion Ratio Lower Upper
42 100
72 37.6 31.1 46.7
71 37.2 29.7 44.5



#42
Bromodichloromethane
Concen: 12.769 ppbv
RT: 7.256 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 83 Resp: 2104058
Ion Ratio Lower Upper
83 100
85 64.4 52.1 78.1
127 7.4 6.7 10.1





#43

Methyl Methacrylate

Concen: 11.601 ppbv

RT: 7.481 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_1

ClientSampleId :

VL1108ABS01

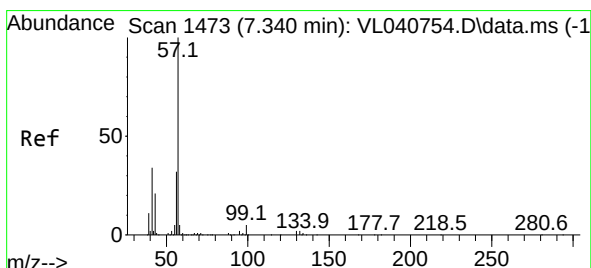
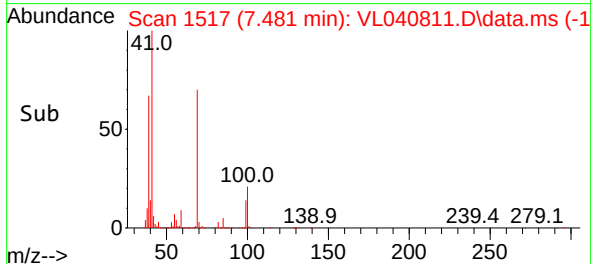
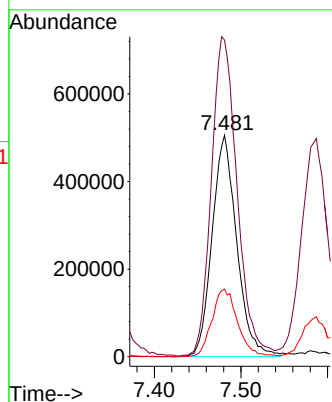
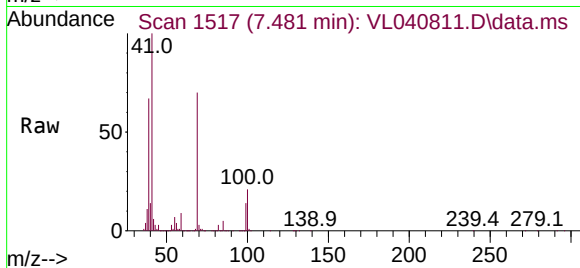
Tgt Ion: 69 Resp: 997441

Ion Ratio Lower Upper

69 100

41 151.2 120.6 181.0

100 31.8 27.1 40.7



#44

2,2,4-Trimethylpentane

Concen: 10.716 ppbv

RT: 7.333 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

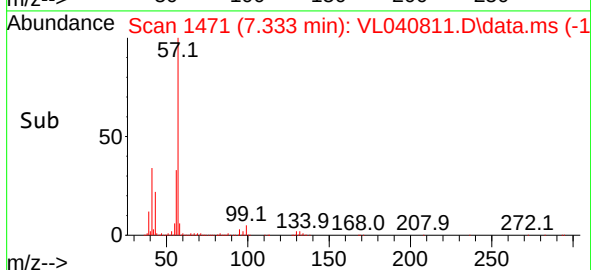
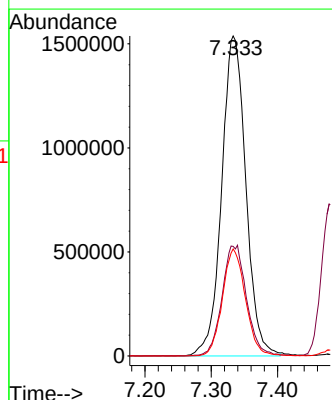
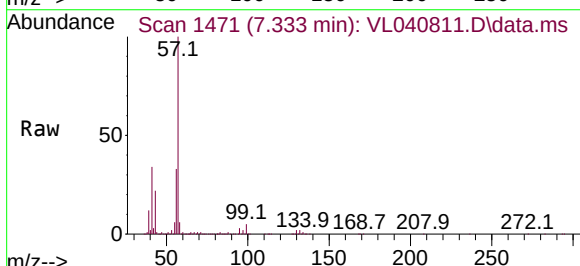
Tgt Ion: 57 Resp: 3892222

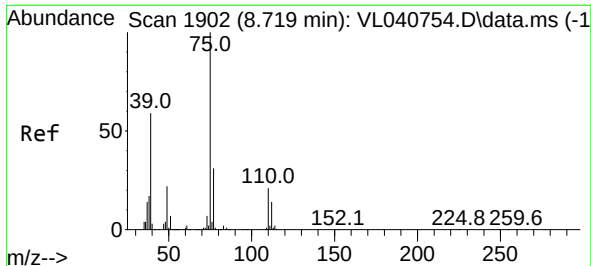
Ion Ratio Lower Upper

57 100

41 34.9 27.4 41.0

56 32.0 25.0 37.6

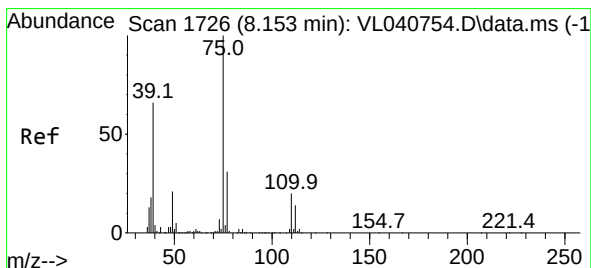
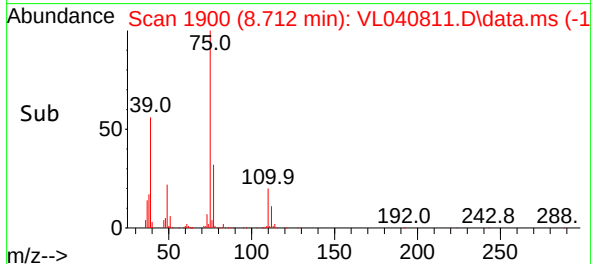
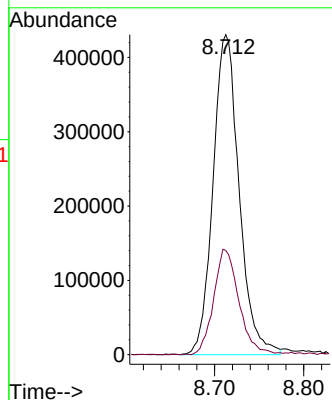
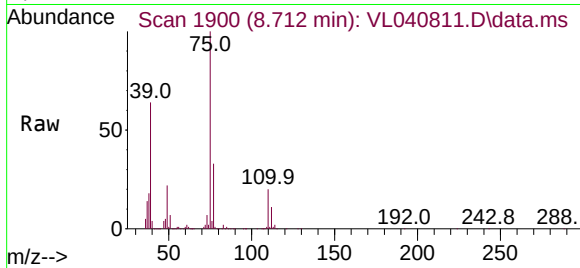




#45
 t-1,3-Dichloropropene
 Concen: 12.790 ppbv
 RT: 8.712 min Scan# 1902
 Delta R.T. -0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

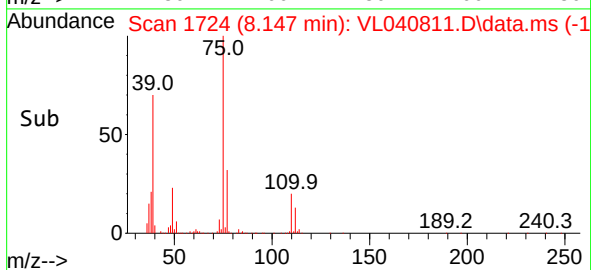
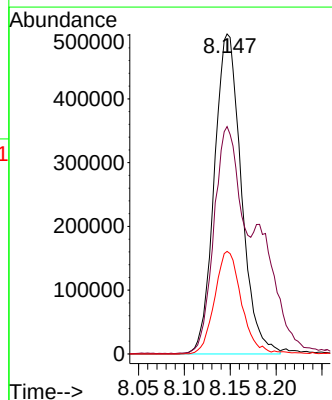
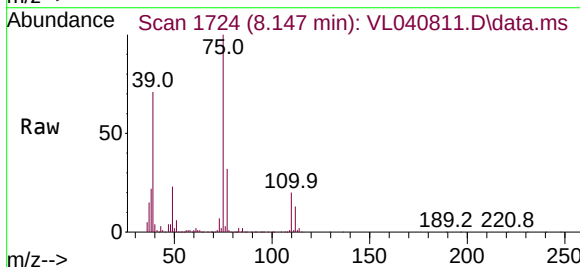
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1108ABS01

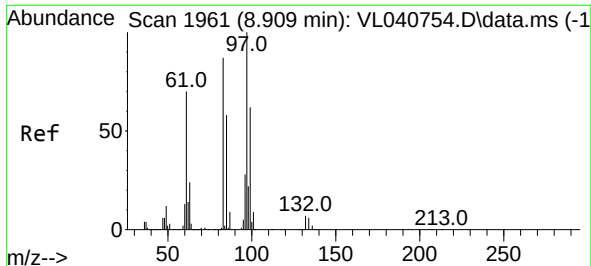
Tgt Ion: 75 Resp: 876809
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.9 37.3



#46
 cis-1,3-Dichloropropene
 Concen: 12.262 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Tgt Ion: 75 Resp: 1027063
 Ion Ratio Lower Upper
 75 100
 39 70.8 52.4 78.6
 77 32.0 25.1 37.7





#47

1,1,2-Trichloroethane

Concen: 11.428 ppbv

RT: 8.902 min Scan# 1961

Delta R.T. 0.003 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

Tgt Ion: 97 Resp: 1007302

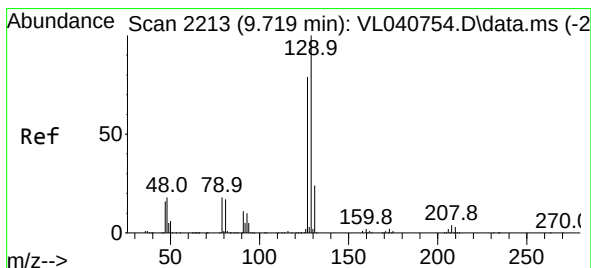
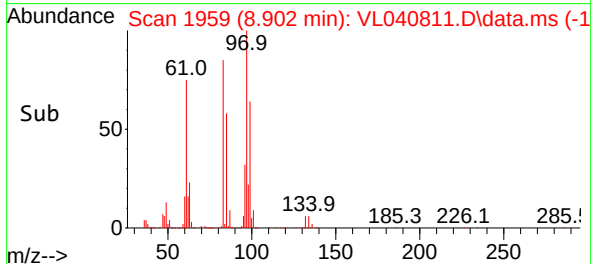
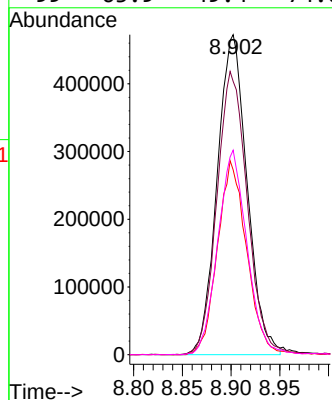
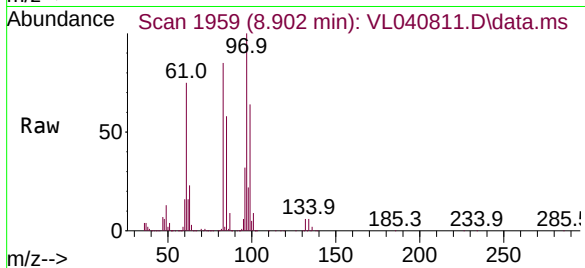
Ion Ratio Lower Upper

97 100

83 85.3 69.5 104.3

85 57.7 46.6 69.8

99 63.9 49.4 74.0



#48

Dibromochloromethane

Concen: 12.249 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. 0.000 min

Lab File: VL040811.D

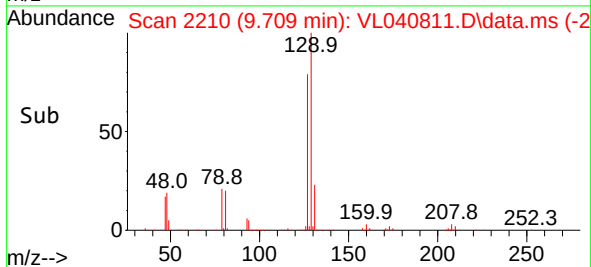
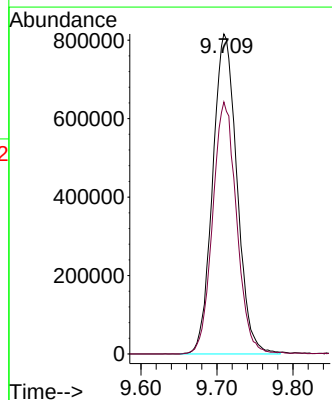
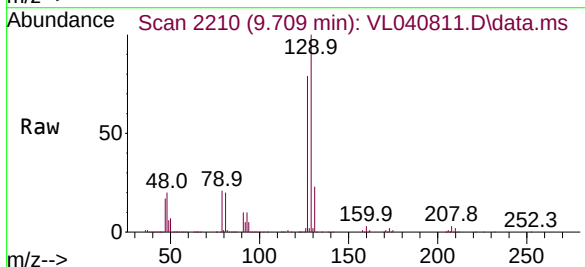
Acq: 8 Nov 2023 14:59

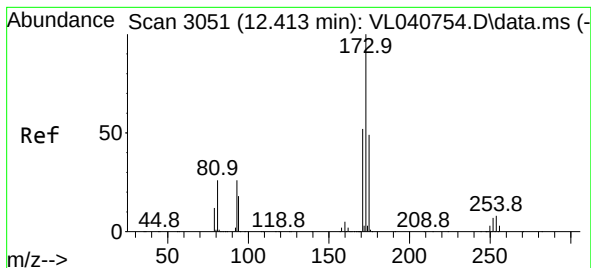
Tgt Ion: 129 Resp: 1809340

Ion Ratio Lower Upper

129 100

127 77.9 39.1 117.3





#49

Bromoform

Concen: 12.060 ppbv

RT: 12.404 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

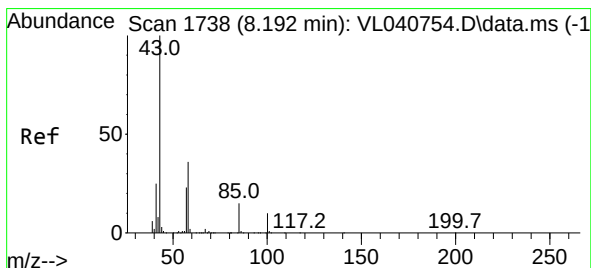
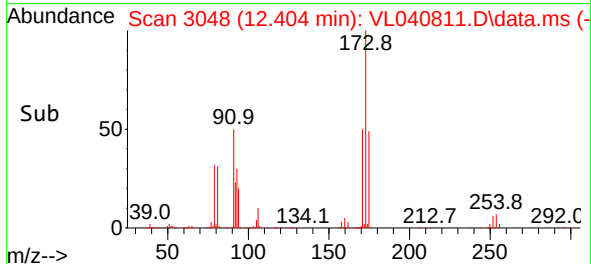
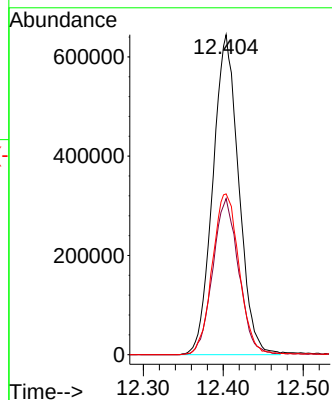
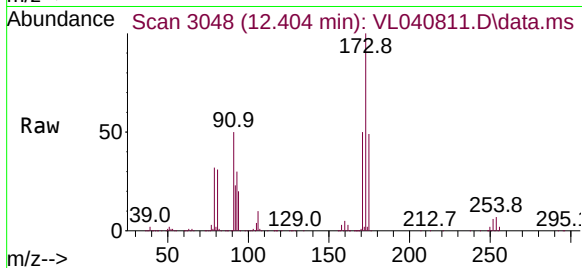
Tgt Ion:173 Resp: 1448061

Ion Ratio Lower Upper

173 100

175 49.3 39.2 58.8

171 52.6 42.0 63.0



#50

4-Methyl-2-Pentanone

Concen: 11.648 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. -0.003 min

Lab File: VL040811.D

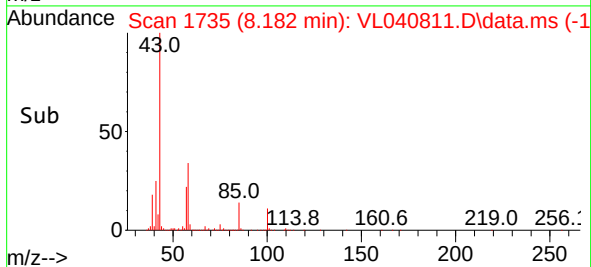
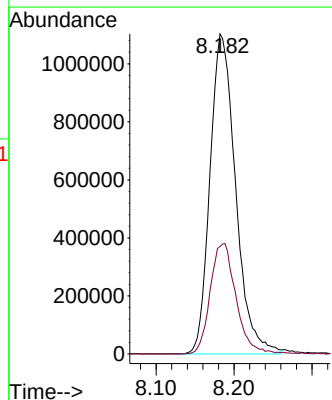
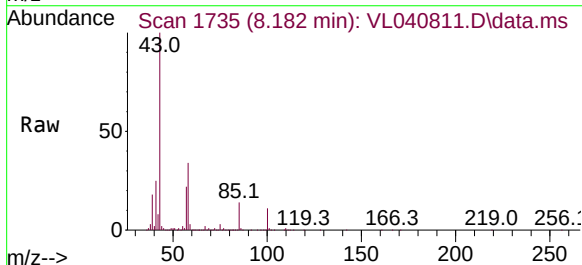
Acq: 8 Nov 2023 14:59

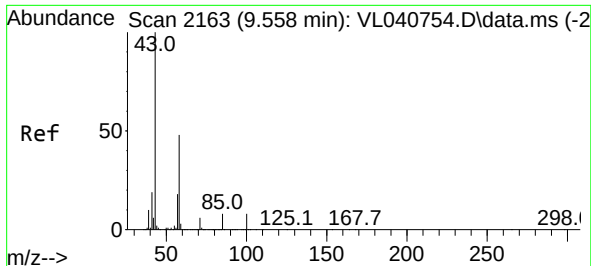
Tgt Ion: 43 Resp: 2518604

Ion Ratio Lower Upper

43 100

58 35.0 28.8 43.2

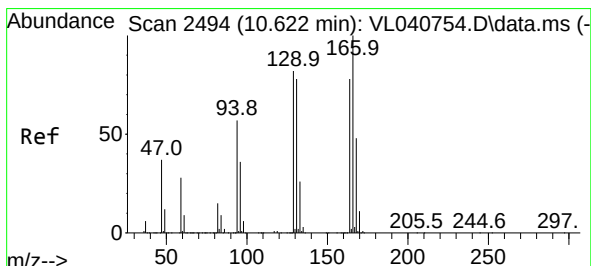
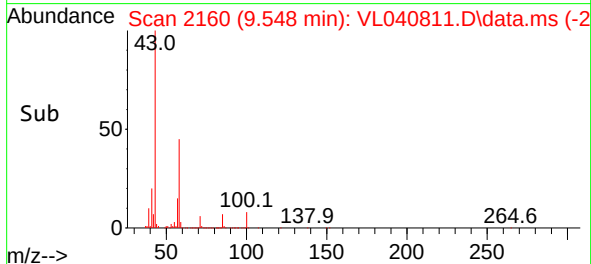
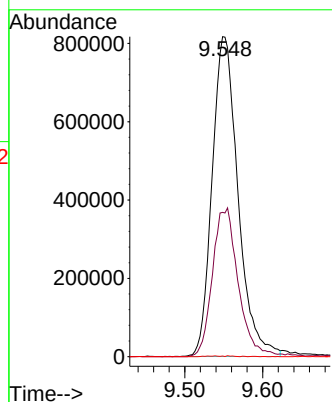
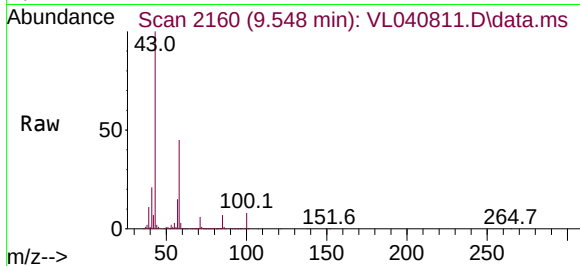




#51
2-Hexanone
Concen: 11.456 ppbv
RT: 9.548 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

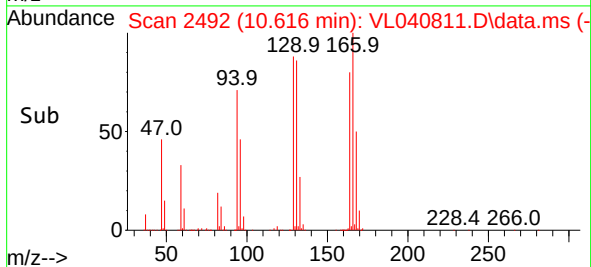
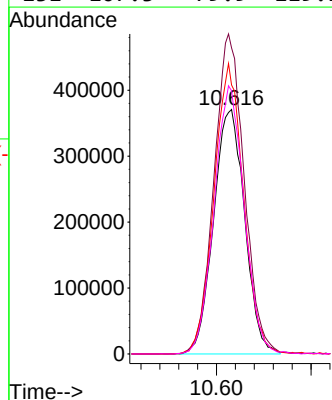
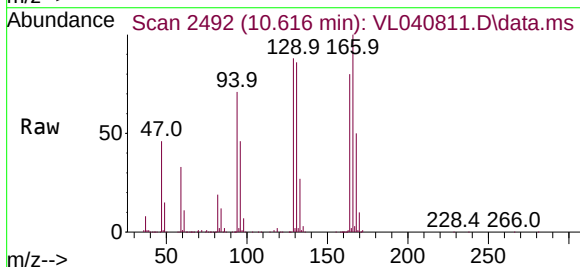
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

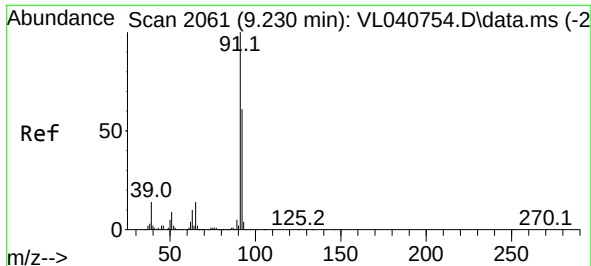
Tgt Ion: 43 Resp: 1885138
Ion Ratio Lower Upper
43 100
58 46.7 38.6 58.0
98 0.3 0.0 0.0#



#52
Tetrachloroethene
Concen: 9.687 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 164 Resp: 845099
Ion Ratio Lower Upper
164 100
166 125.0 102.4 153.6
129 109.8 84.2 126.4
131 107.3 79.9 119.9

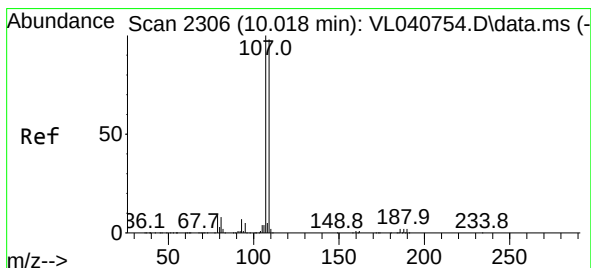
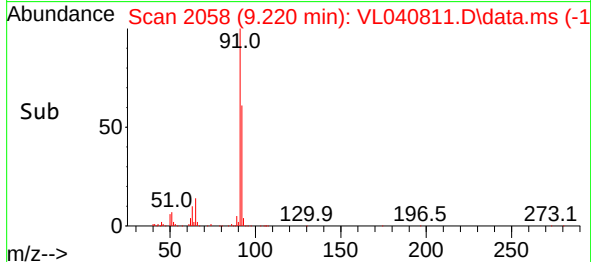
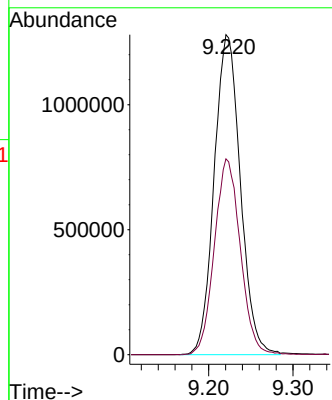
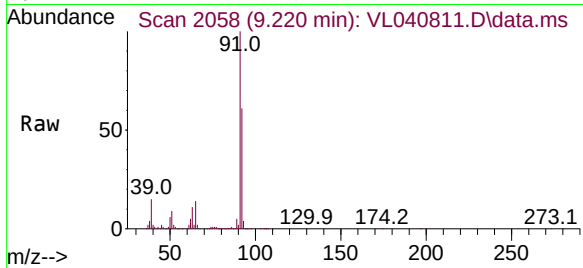




#53
Toluene
Concen: 10.806 ppbv
RT: 9.220 min Scan# 2061
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

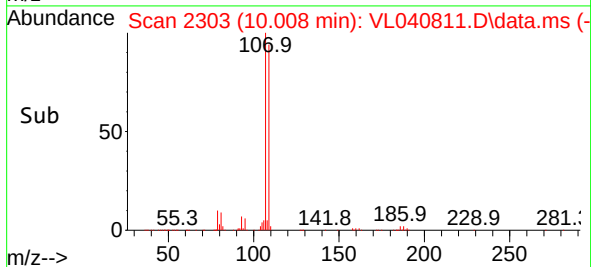
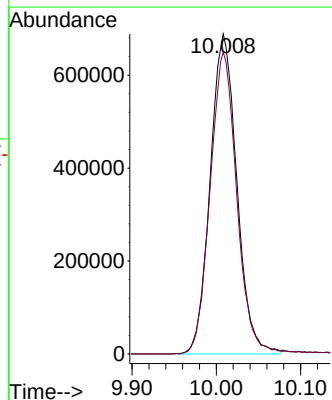
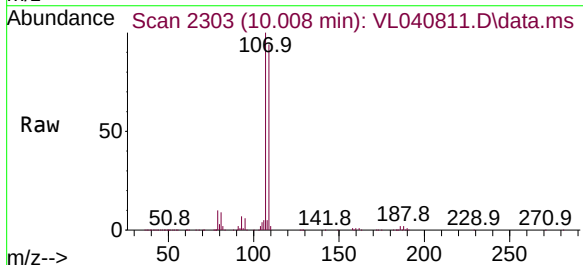
Instrument :
MSVOA_1
ClientSampleId :
VL1108ABS01

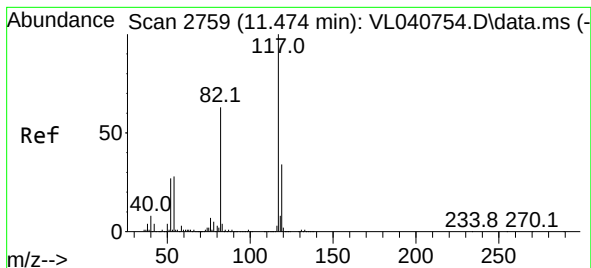
Tgt Ion: 91 Resp: 2762123
Ion Ratio Lower Upper
91 100
92 60.7 50.2 75.2



#54
1,2-Dibromoethane
Concen: 12.216 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 107 Resp: 1509546
Ion Ratio Lower Upper
107 100
109 94.3 78.2 117.2

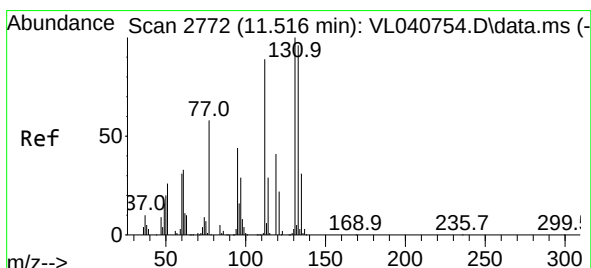
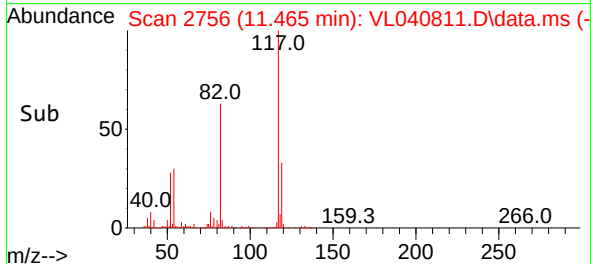
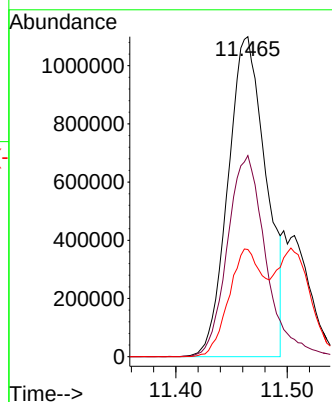
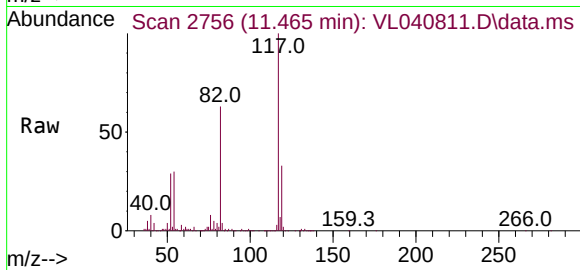




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

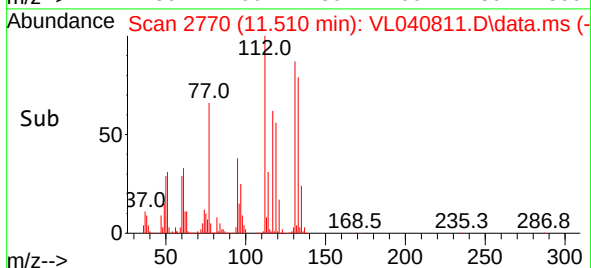
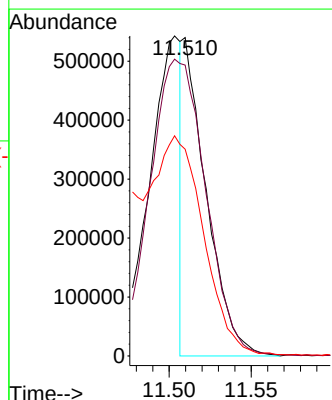
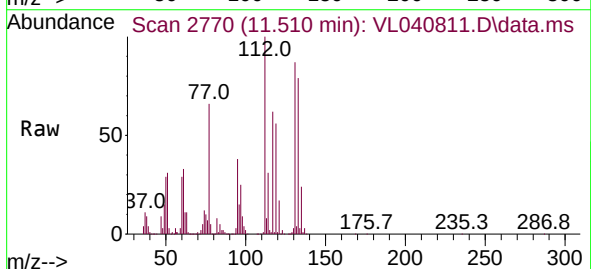
Instrument :
MSVOA_1
ClientSampleId :
VL1108ABS01

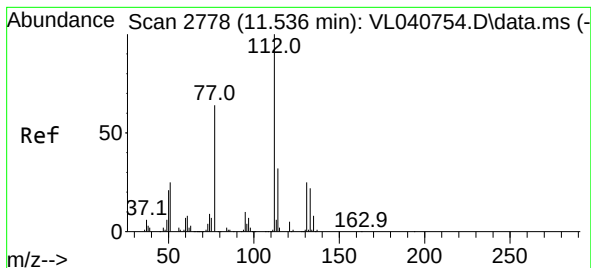
Tgt Ion:117 Resp: 2607298
Ion Ratio Lower Upper
117 100
82 63.9 46.6 70.0
119 29.3 26.0 39.0



#56
1,1,1,2-Tetrachloroethane
Concen: 5.014 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.006 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion:131 Resp: 533571
Ion Ratio Lower Upper
131 100
133 0.0 75.0 112.6#
119 0.0 45.4 68.0#





#57

Chlorobenzene

Concen: 11.411 ppbv

RT: 11.526 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_1

ClientSampleId :

VL1108ABS01

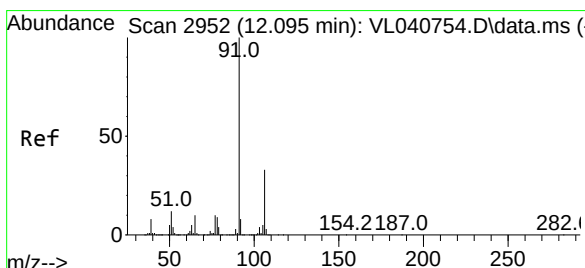
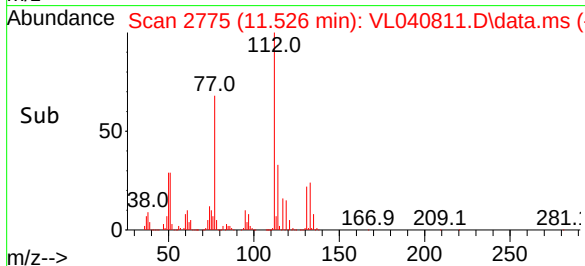
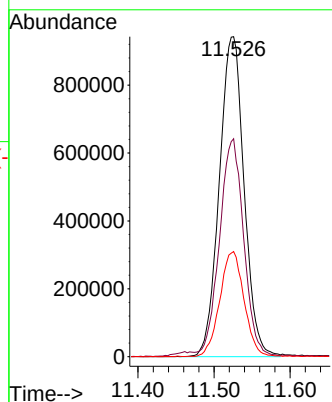
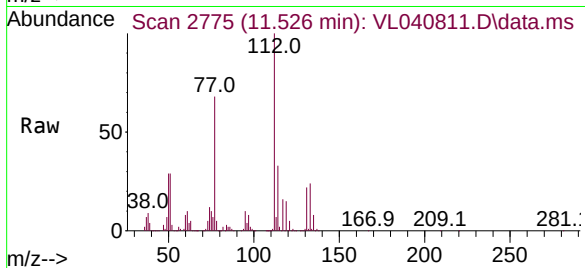
Tgt Ion:112 Resp: 2131792

Ion Ratio Lower Upper

112 100

77 67.7 51.9 77.9

114 32.7 28.6 35.0



#58

Ethyl Benzene

Concen: 11.434 ppbv

RT: 12.085 min Scan# 2949

Delta R.T. 0.003 min

Lab File: VL040811.D

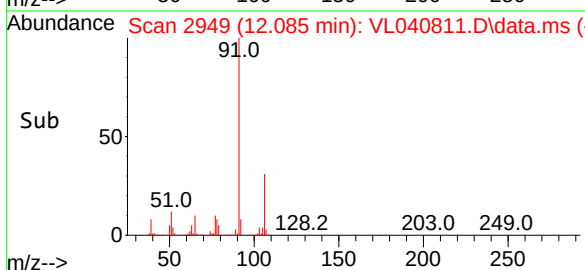
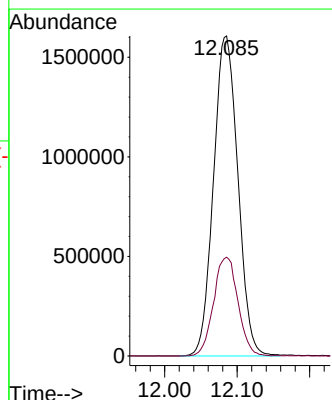
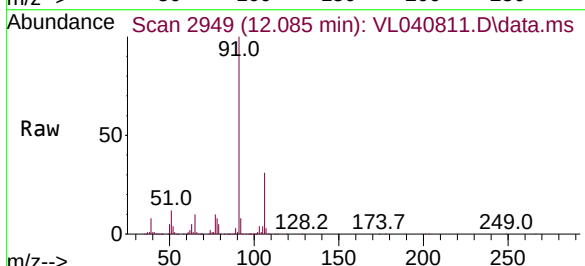
Acq: 8 Nov 2023 14:59

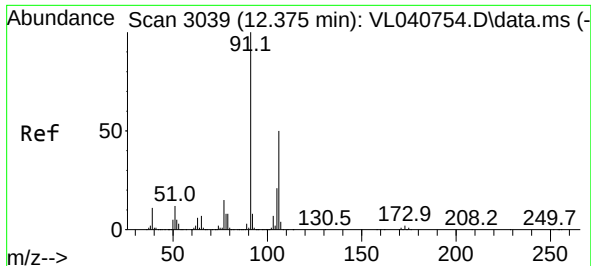
Tgt Ion: 91 Resp: 3753458

Ion Ratio Lower Upper

91 100

106 30.9 26.7 40.1





#59

m/p-Xylene

Concen: 11.818 ppbv

RT: 12.368 min Scan# 3039

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

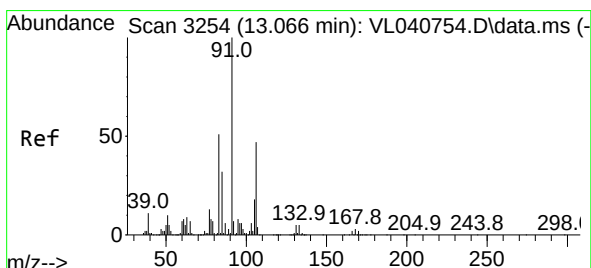
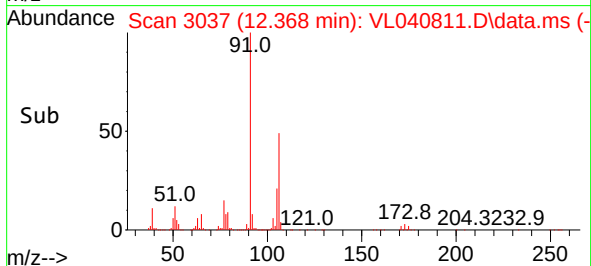
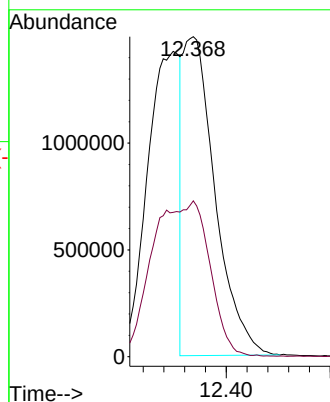
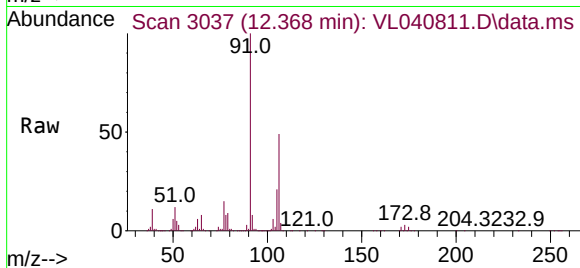
VL1108ABS01

Tgt Ion: 91 Resp: 3192940

Ion Ratio Lower Upper

91 100

106 87.8 37.7 56.5#



#60

o-Xylene

Concen: 11.532 ppbv

RT: 13.053 min Scan# 3250

Delta R.T. 0.000 min

Lab File: VL040811.D

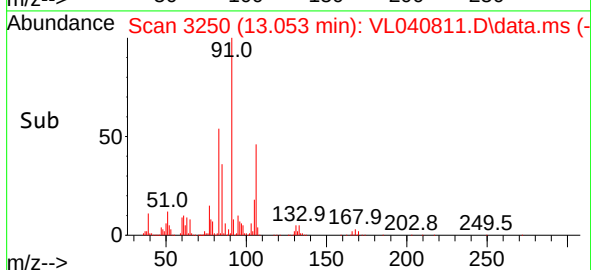
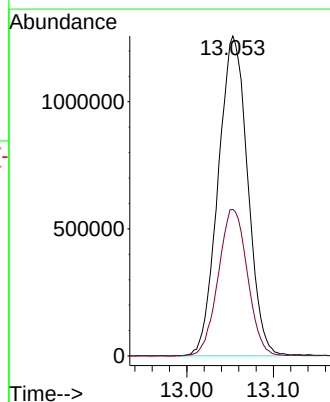
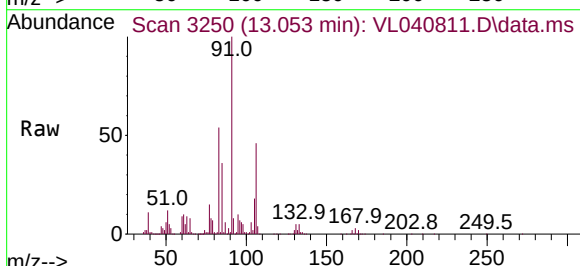
Acq: 8 Nov 2023 14:59

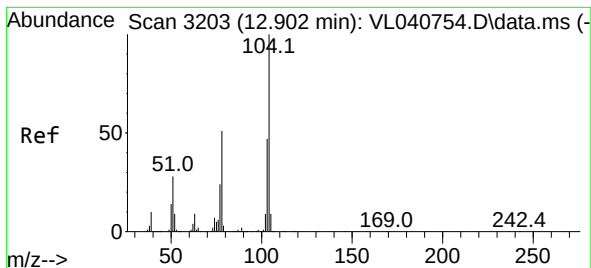
Tgt Ion: 91 Resp: 2968753

Ion Ratio Lower Upper

91 100

106 45.8 23.5 70.5





#61

Styrene

Concen: 11.528 ppbv

RT: 12.892 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_L

ClientSampleId :

VL1108ABS01

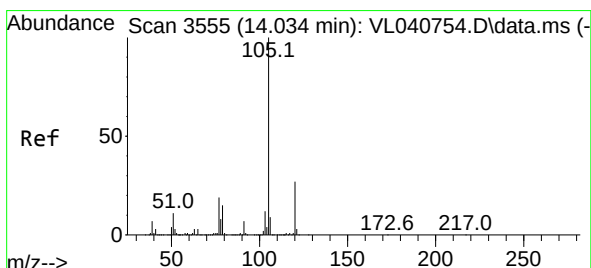
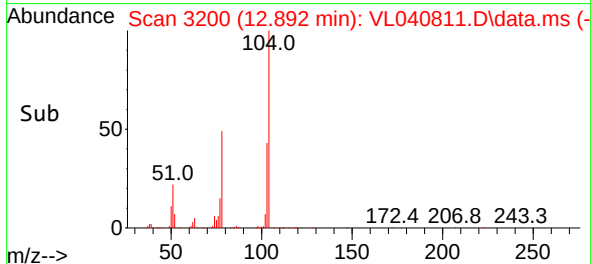
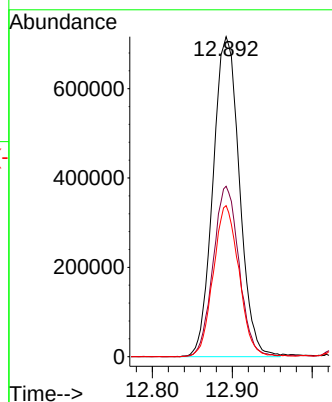
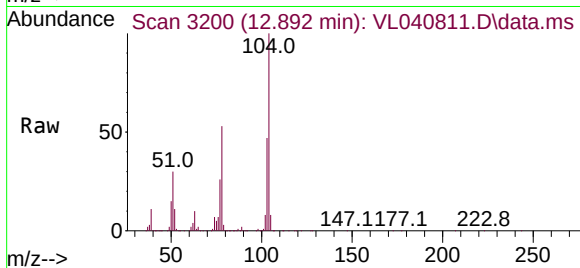
Tgt Ion:104 Resp: 1644244

Ion Ratio Lower Upper

104 100

78 52.4 39.8 59.6

103 46.0 37.5 56.3



#62

Isopropylbenzene

Concen: 11.151 ppbv

RT: 14.024 min Scan# 3552

Delta R.T. 0.003 min

Lab File: VL040811.D

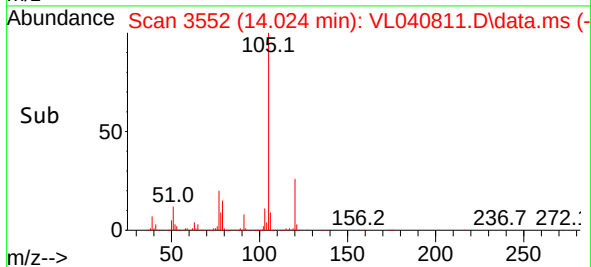
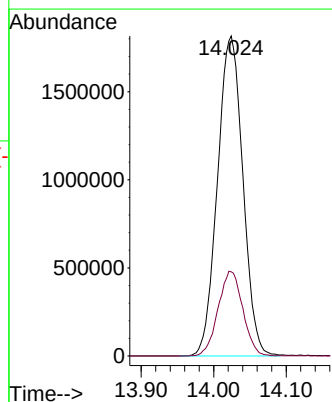
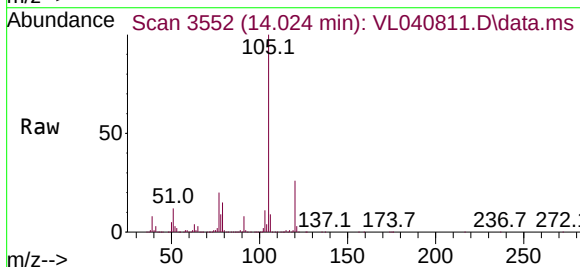
Acq: 8 Nov 2023 14:59

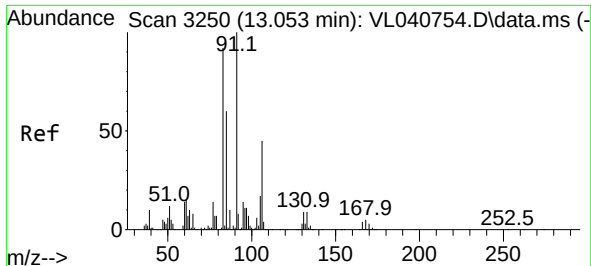
Tgt Ion:105 Resp: 4416186

Ion Ratio Lower Upper

105 100

120 25.8 21.5 32.3

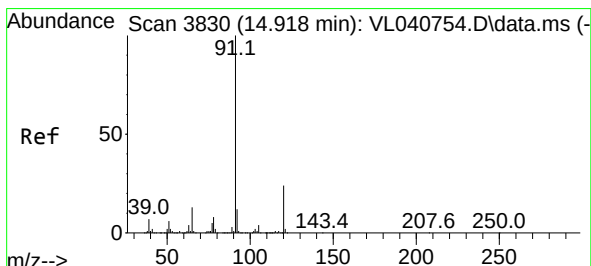
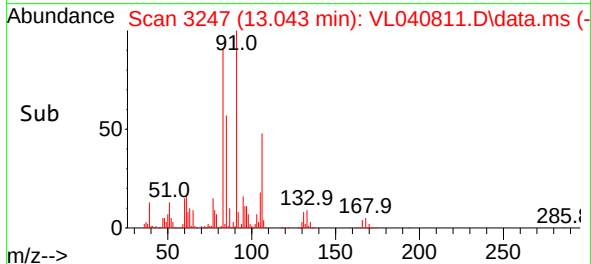
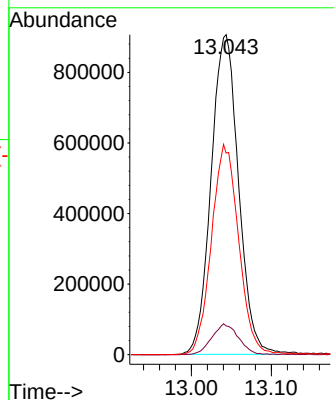
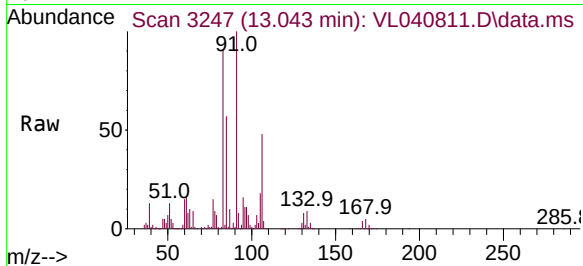




#63
1,1,2,2-Tetrachloroethane
Concen: 11.172 ppbv
RT: 13.043 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

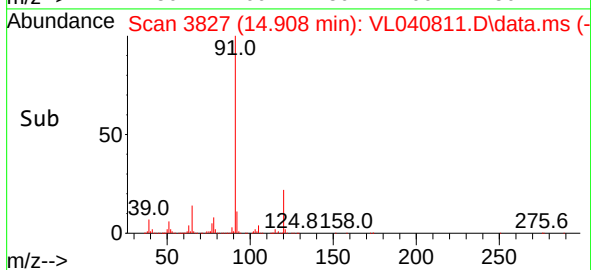
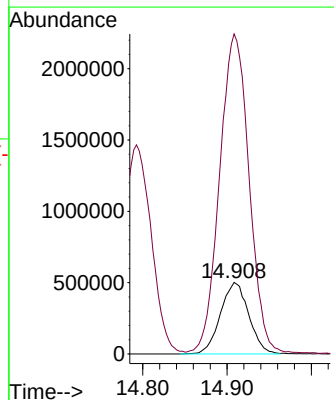
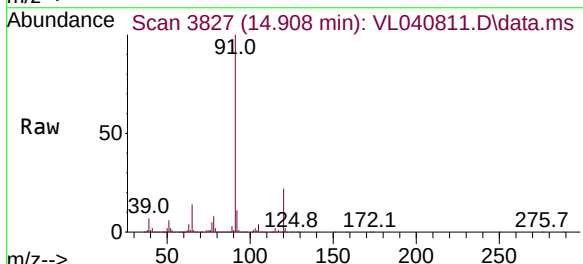
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

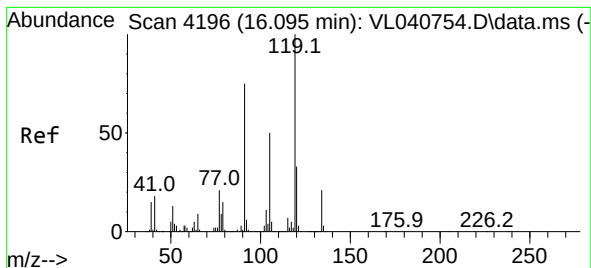
Tgt Ion: 83 Resp: 2156204
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.6
85 65.7 32.9 98.7



#64
n-propylbenzene
Concen: 10.969 ppbv
RT: 14.908 min Scan# 3827
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion:120 Resp: 1167044
Ion Ratio Lower Upper
120 100
91 468.4 345.9 518.9

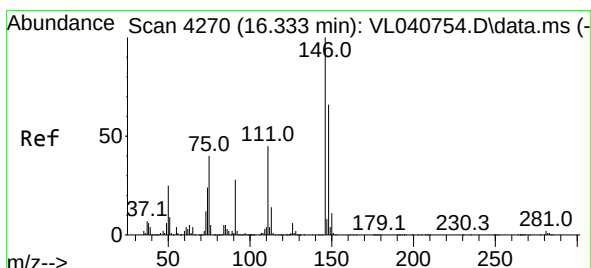
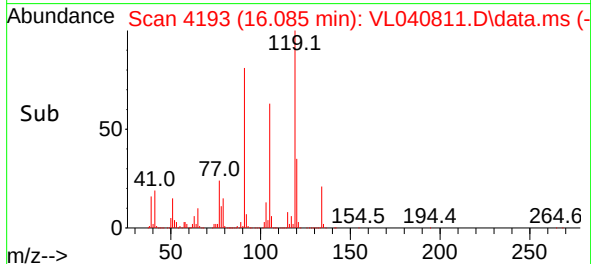
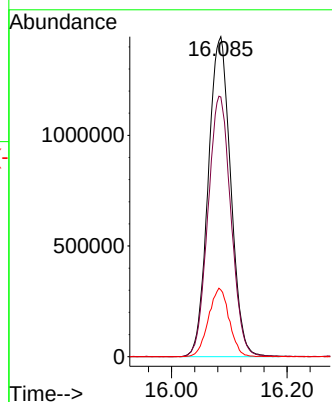
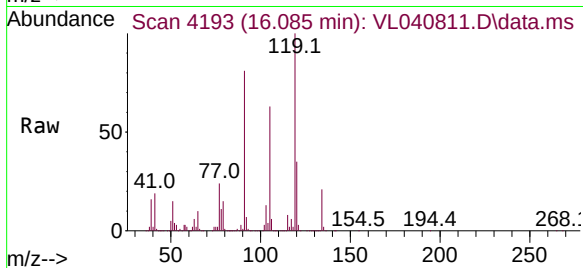




#65
tert-Butylbenzene
Concen: 10.899 ppbv
RT: 16.085 min Scan# 4193
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

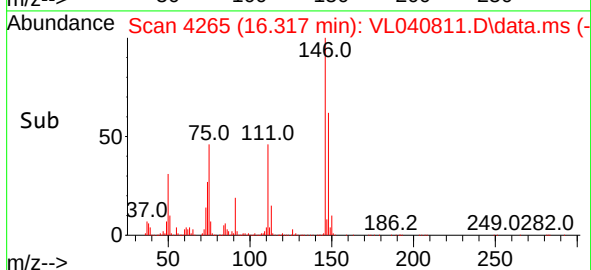
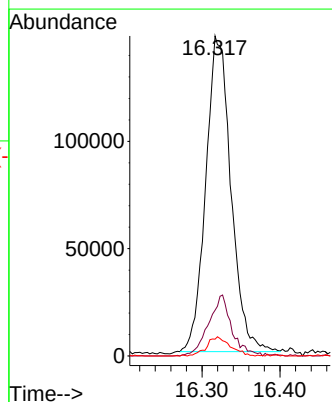
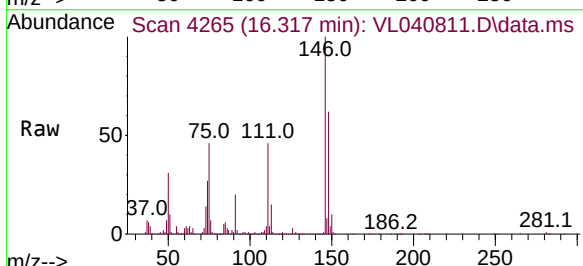
Instrument :
MSVOA_1
ClientSampleId :
VL1108ABS01

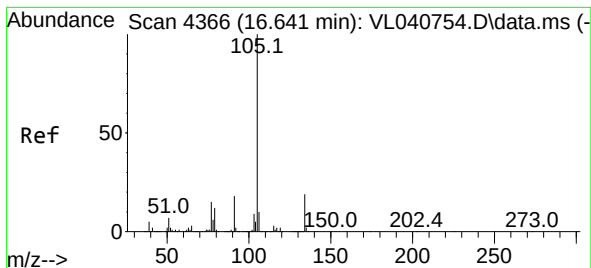
Tgt Ion:119 Resp: 3893192
Ion Ratio Lower Upper
119 100
91 83.4 62.2 93.2
134 19.9 16.1 24.1



#66
Benzyl Chloride
Concen: 9.194 ppbv
RT: 16.317 min Scan# 4265
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 91 Resp: 330874
Ion Ratio Lower Upper
91 100
126 17.9 16.1 24.1
128 5.9 5.2 7.8





#67

sec-Butylbenzene

Concen: 11.177 ppbv

RT: 16.628 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_1

ClientSampleId :

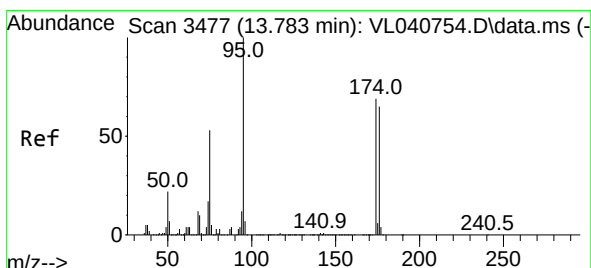
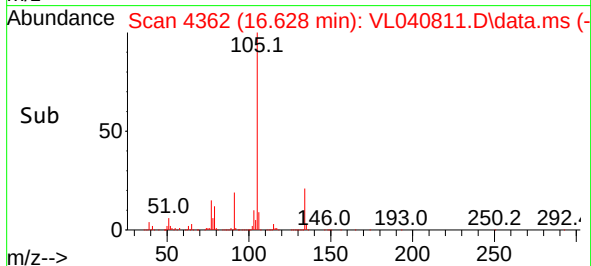
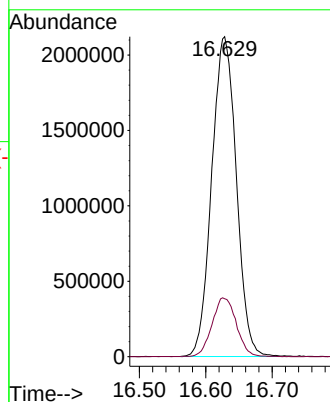
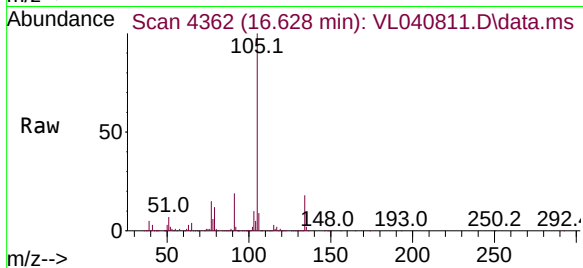
VL1108ABS01

Tgt Ion:105 Resp: 5466156

Ion Ratio Lower Upper

105 100

134 18.2 15.4 23.2



#68

1-Bromo-4-Fluorobenzene

Concen: 9.842 ppbv

RT: 13.767 min Scan# 3472

Delta R.T. -0.003 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

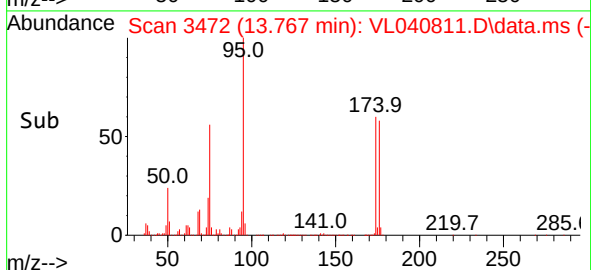
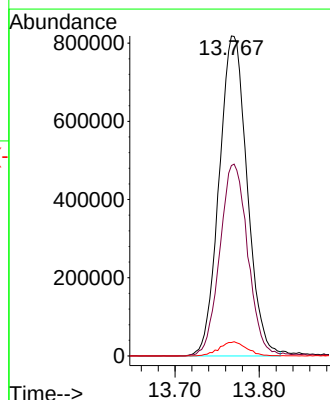
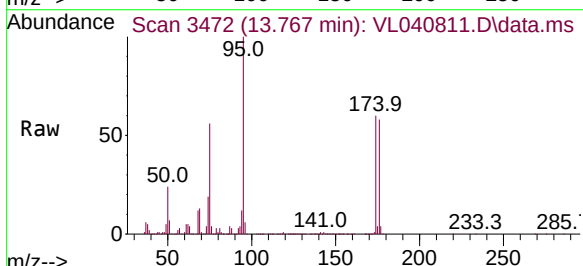
Tgt Ion: 95 Resp: 1888266

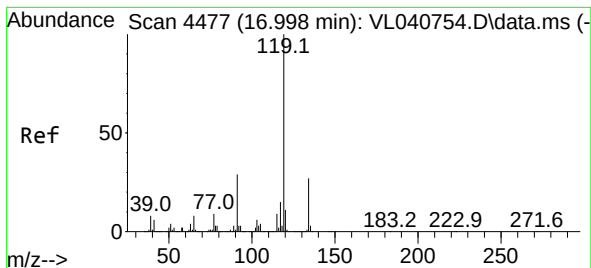
Ion Ratio Lower Upper

95 100

174 60.5 54.7 82.1

175 4.4 4.2 6.4

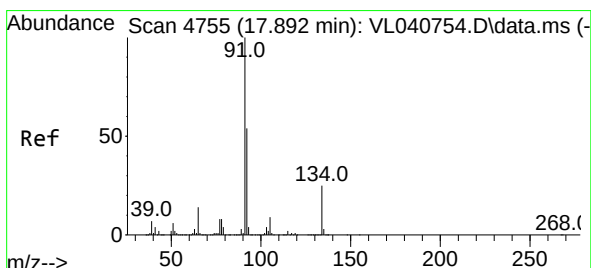
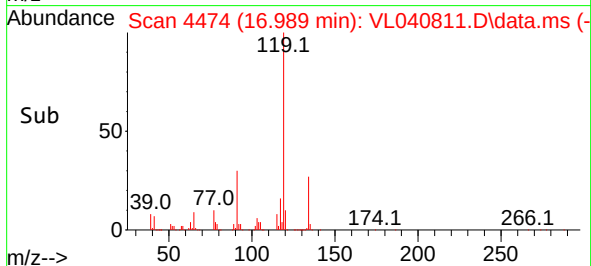
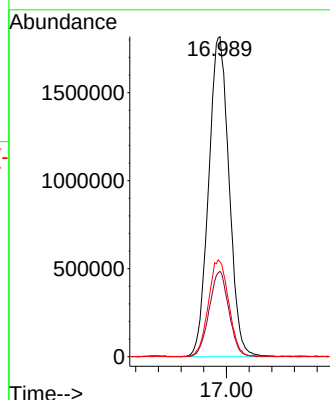
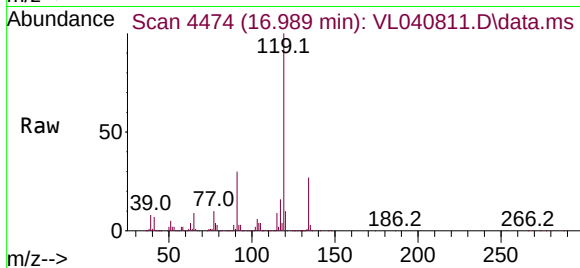




#69
 p-Isopropyltoluene
 Concen: 11.072 ppbv
 RT: 16.989 min Scan# 4477
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

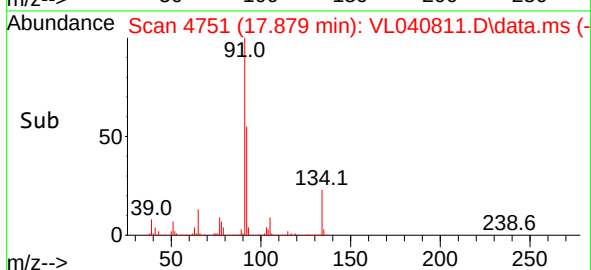
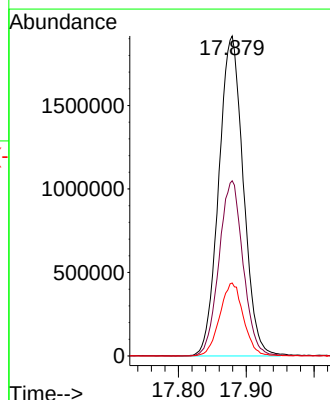
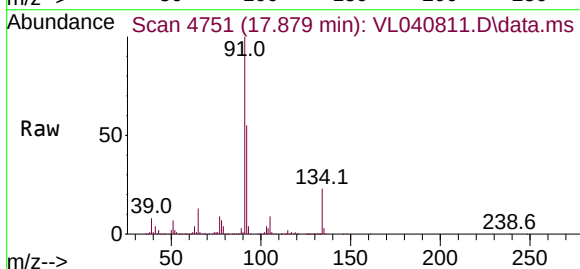
Instrument :
 MSVOA_1
 ClientSampleId :
 VL1108ABS01

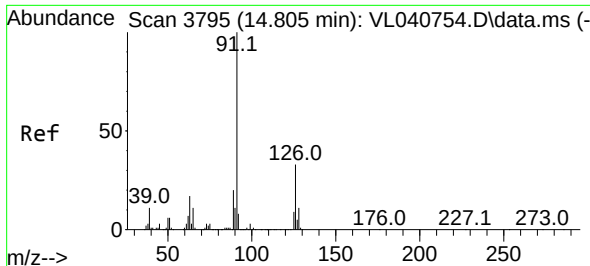
Tgt Ion:119 Resp: 4537468
 Ion Ratio Lower Upper
 119 100
 134 25.8 21.0 31.4
 91 30.5 22.8 34.2



#70
 n-Butylbenzene
 Concen: 11.961 ppbv
 RT: 17.879 min Scan# 4751
 Delta R.T. 0.003 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Tgt Ion: 91 Resp: 4813205
 Ion Ratio Lower Upper
 91 100
 92 54.1 44.1 66.1
 134 22.2 19.5 29.3

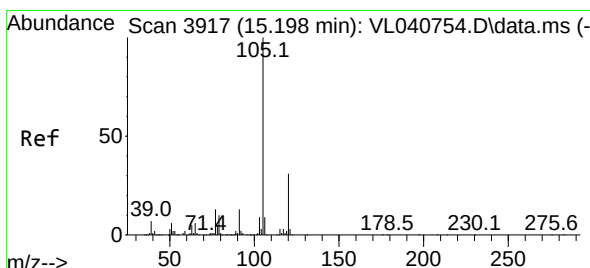
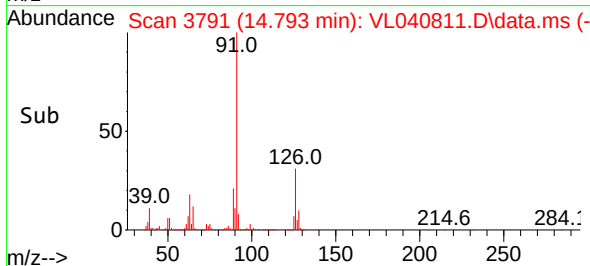
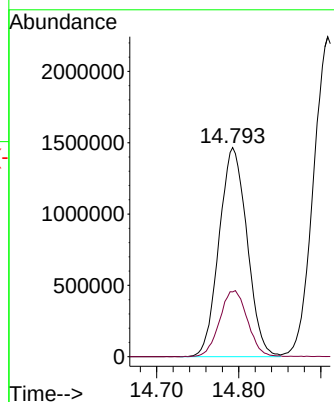
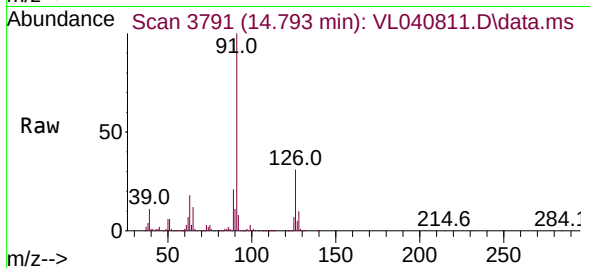




#71
2-Chlorotoluene
Concen: 11.697 ppbv
RT: 14.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

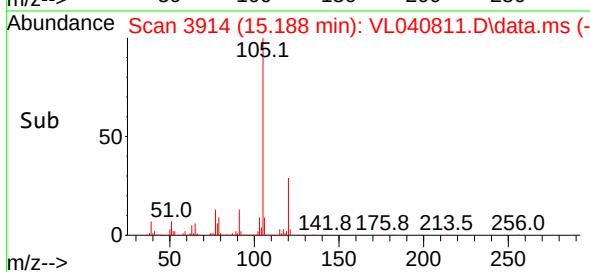
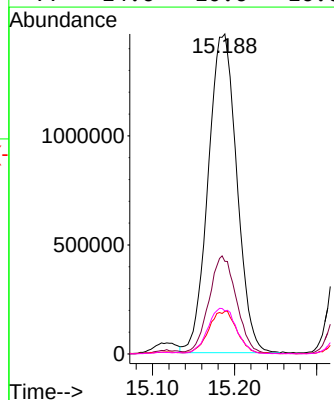
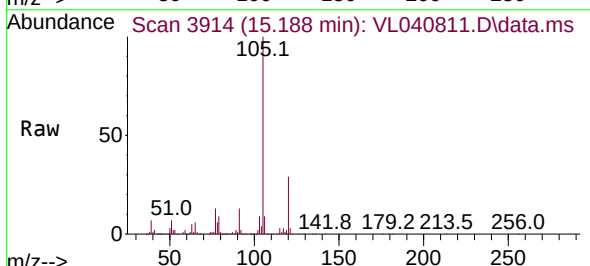
Instrument :
MSVOA_1
ClientSampleId :
VL1108ABS01

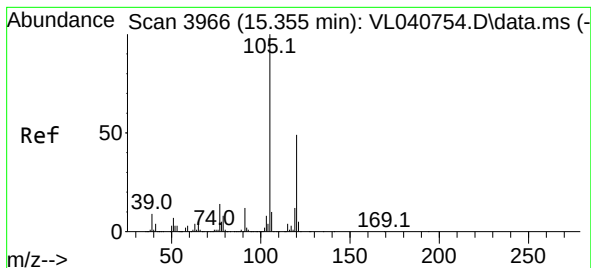
Tgt Ion: 91 Resp: 3479730
Ion Ratio Lower Upper
91 100
126 31.6 13.3 53.1



#72
4-Ethyltoluene
Concen: 11.748 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion: 105 Resp: 3541658
Ion Ratio Lower Upper
105 100
120 29.8 25.0 37.4
91 13.3 9.8 14.8
77 14.6 10.6 16.0





#73

1,3,5-Trimethylbenzene

Concen: 11.488 ppbv

RT: 15.342 min Scan# 3966

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_1

ClientSampleId :

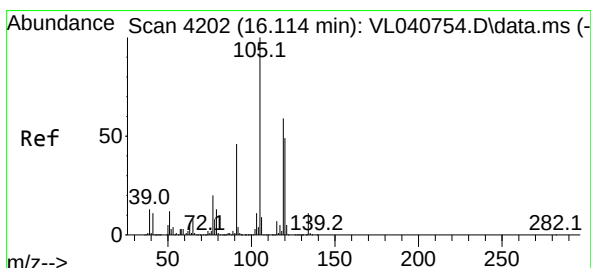
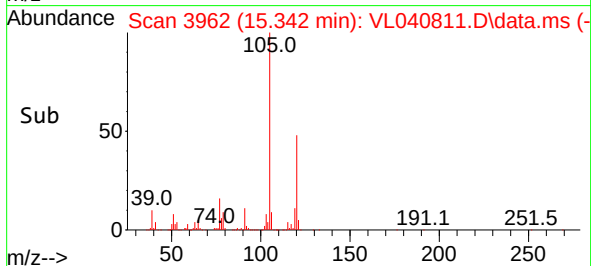
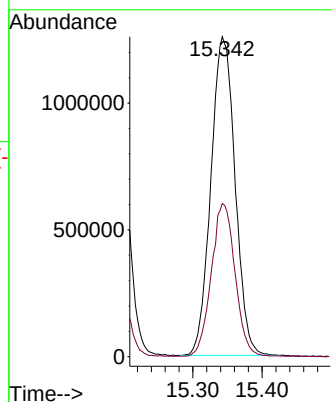
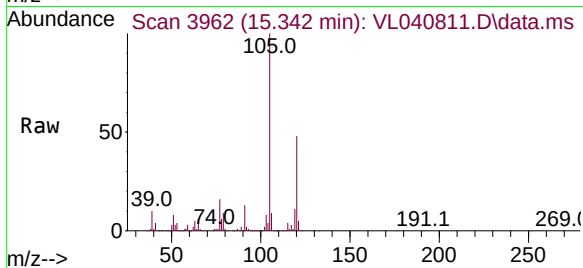
VL1108ABS01

Tgt Ion:105 Resp: 3049095

Ion Ratio Lower Upper

105 100

120 47.9 39.4 59.2



#74

1,2,4-Trimethylbenzene

Concen: 11.527 ppbv

RT: 16.101 min Scan# 4198

Delta R.T. 0.000 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Tgt Ion:105 Resp: 3342814

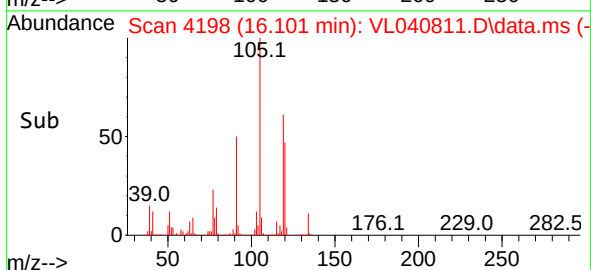
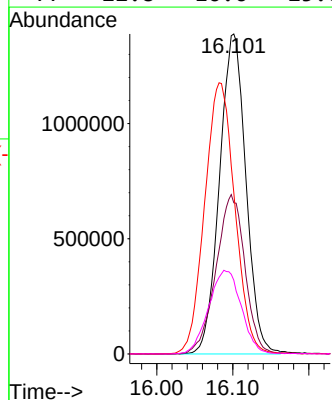
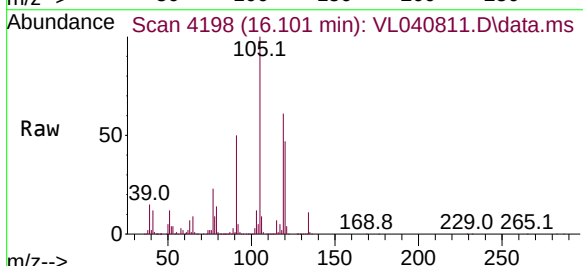
Ion Ratio Lower Upper

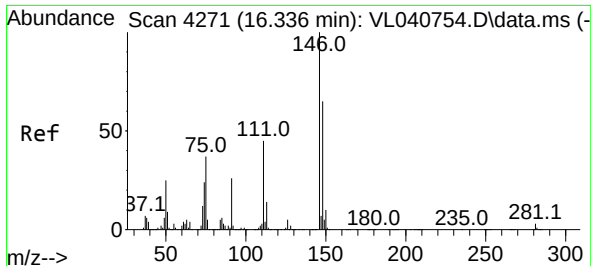
105 100

120 47.2 39.4 59.2

91 50.1 38.6 58.0

77 22.8 16.6 25.0

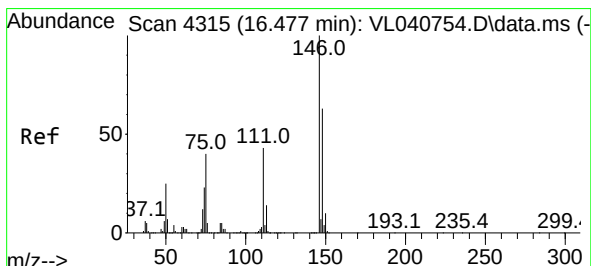
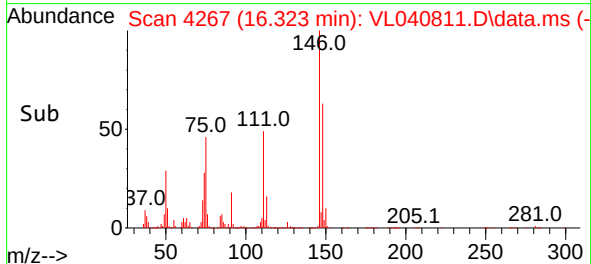
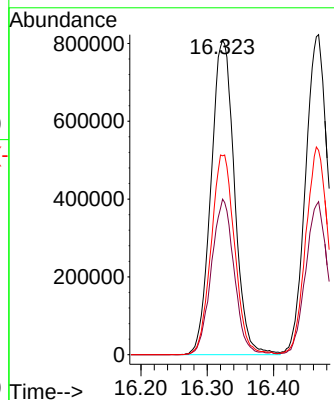
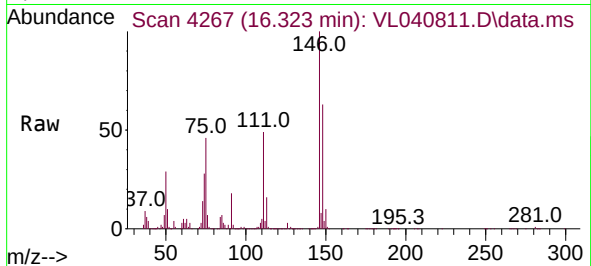




#75
1,3-Dichlorobenzene
Concen: 10.997 ppbv
RT: 16.323 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

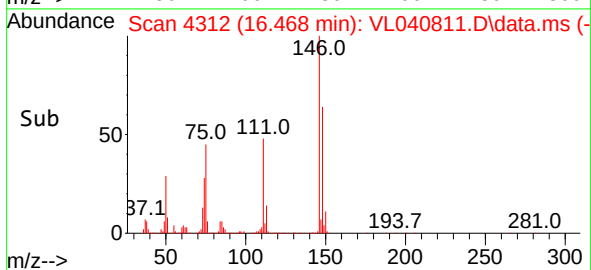
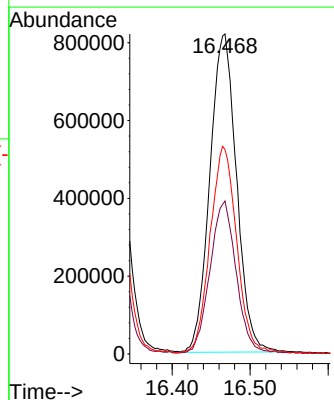
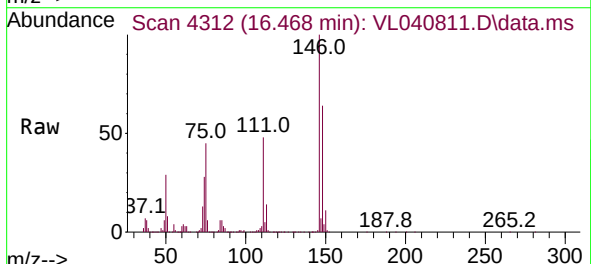
Instrument :
MSVOA_1
ClientSampleId :
VL1108ABS01

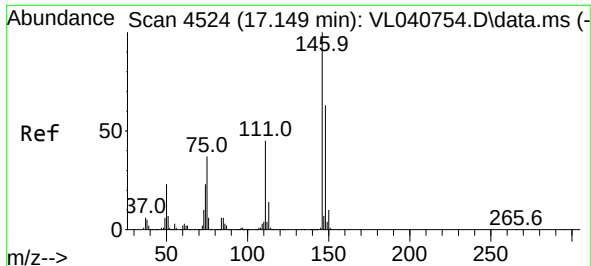
Tgt Ion:146 Resp: 1983431
Ion Ratio Lower Upper
146 100
111 48.2 22.6 67.7
148 63.8 32.4 97.0



#76
1,4-Dichlorobenzene
Concen: 10.882 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.006 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion:146 Resp: 1943691
Ion Ratio Lower Upper
146 100
111 47.6 22.0 66.0
148 65.5 33.4 100.1

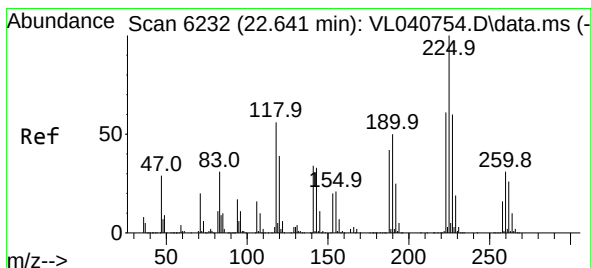
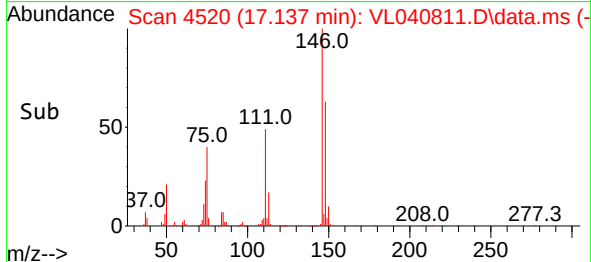
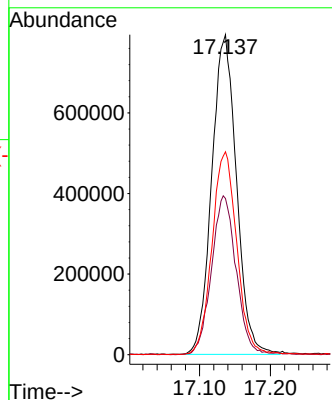
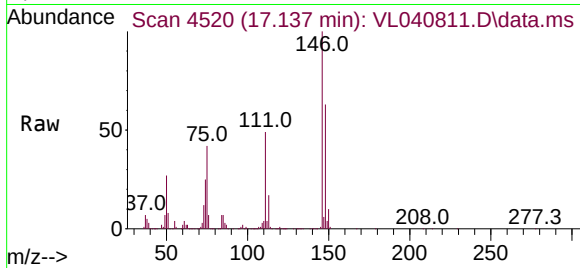




#77
1,2-Dichlorobenzene
Concen: 10.845 ppbv
RT: 17.137 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

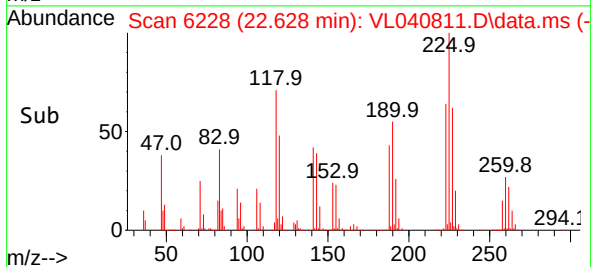
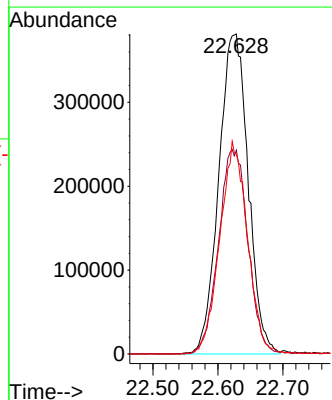
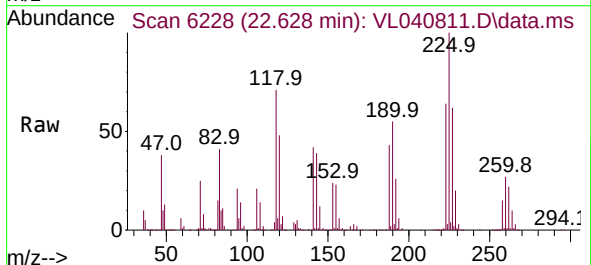
Instrument :
MSVOA_L
ClientSampleId :
VL1108ABS01

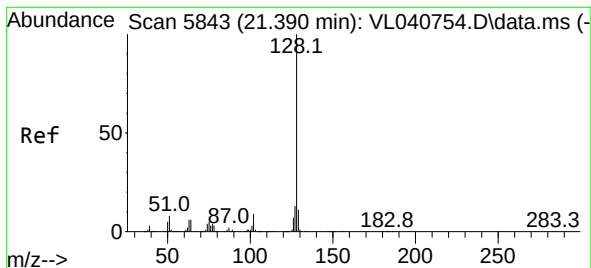
Tgt Ion:146 Resp: 1919228
Ion Ratio Lower Upper
146 100
111 49.7 22.9 68.8
148 64.0 32.3 96.8



#78
Hexachloro-1,3-Butadiene
Concen: 9.463 ppbv
RT: 22.628 min Scan# 6228
Delta R.T. 0.006 min
Lab File: VL040811.D
Acq: 8 Nov 2023 14:59

Tgt Ion:225 Resp: 1198249
Ion Ratio Lower Upper
225 100
223 64.1 50.7 76.1
227 62.5 51.4 77.0





#79

Naphthalene

Concen: 12.334 ppbv

RT: 21.378 min Scan# 5839

Delta R.T. 0.006 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

Instrument :

MSVOA_1

ClientSampleId :

VL1108ABS01

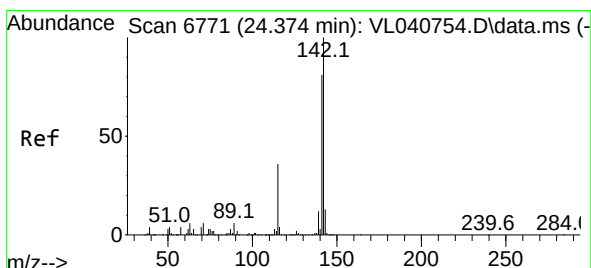
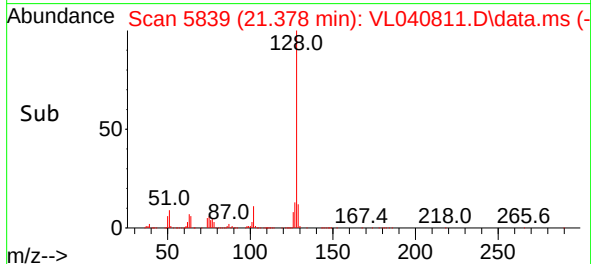
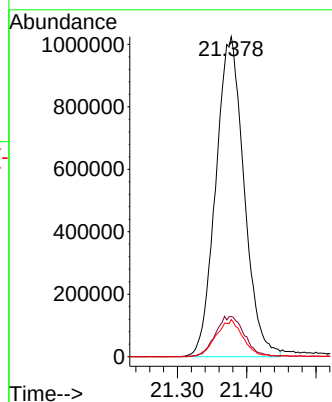
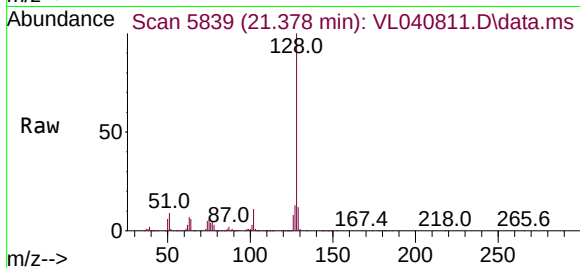
Tgt Ion:128 Resp: 2907483

Ion Ratio Lower Upper

128 100

127 12.5 10.6 15.8

129 11.6 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 11.851 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.003 min

Lab File: VL040811.D

Acq: 8 Nov 2023 14:59

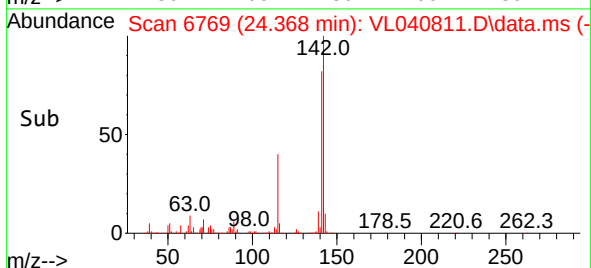
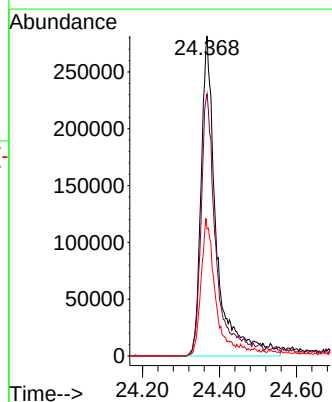
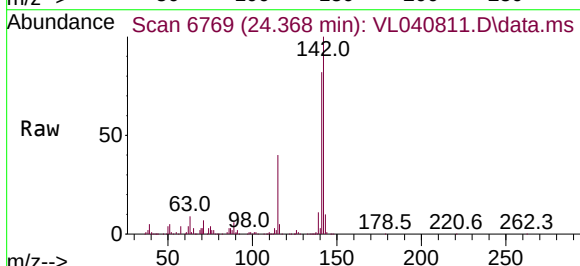
Tgt Ion:142 Resp: 783917

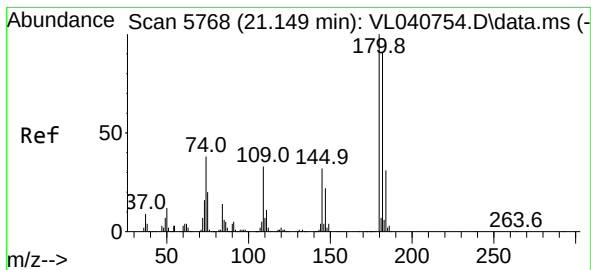
Ion Ratio Lower Upper

142 100

141 81.4 66.3 99.5

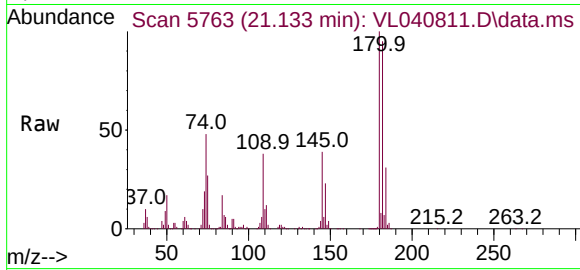
115 42.7 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.387 ppbv
 RT: 21.133 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL040811.D
 Acq: 8 Nov 2023 14:59

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1108ABS01



Tgt Ion:180 Resp: 1457285

Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.9	116.9
184	30.3	25.0	37.6

