

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
 Data File : VL041501.D
 Acq On : 5 Aug 2024 15:32
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 06 01:38:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	1062810	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2871493	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	3298753	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2024809	7.976	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	79.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.739	85	1258507	6.883	ppbv	100
3) Chlorodifluoromethane	2.684	51	1207816	9.546	ppbv	100
4) Chloromethane	2.822	50	632402	9.398	ppbv	98
5) Vinyl Chloride	2.928	62	637182	9.606	ppbv	98
6) Bromomethane	3.128	94	336641	9.875	ppbv	95
7) Chloroethane	3.205	64	228231	9.970	ppbv	100
8) Dichlorotetrafluoroethane	2.867	85	1532826	9.462	ppbv	99
9) Propene	2.703	41	540947	9.307	ppbv	99
10) Heptane	7.584	43	1350267	10.340	ppbv	100
11) Trichlorofluoromethane	3.568	101	1552232	9.559	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.070	101	1108448	9.480	ppbv	99
13) Ethanol	3.253	45	36110	6.951	ppbv	99
14) Bromoethene	3.372	108	459384	10.078	ppbv	99
15) Acetone	3.475	43	1135900	9.406	ppbv	100
16) 1,3-Butadiene	2.993	39	623616	9.666	ppbv	99
17) tert-Butyl alcohol	3.883	59	1146447	10.410	ppbv	100
18) 1,1-Dichloroethene	3.886	96	497709	9.951	ppbv	100
19) Isopropyl Alcohol	3.581	45	678576	9.612	ppbv #	97
20) Methylene Chloride	3.938	84	429936	9.548	ppbv	98
21) Allyl Chloride	4.002	41	774586	9.781	ppbv	99
22) trans-1,2-Dichloroethene	4.449	96	493428	9.866	ppbv	99
23) Vinyl Acetate	4.629	43	979409	10.620	ppbv #	98
24) 1,1-Dichloroethane	4.568	63	1051048	9.679	ppbv	100
25) Ethyl Acetate	5.208	43	2437212	10.159	ppbv	99
26) Hexane	5.218	57	1019915	10.249	ppbv	99
27) Carbon Disulfide	4.131	76	1167864	10.031	ppbv	100
28) Methyl tert-Butyl Ether	4.594	73	595733	9.492	ppbv	99
29) Chloroform	5.282	83	1566002	9.647	ppbv	98
30) Cyclohexane	6.603	84	881458	10.877	ppbv	97
31) cis-1,2-Dichloroethene	5.083	61	974229	9.910	ppbv	98
32) 1,1,1-Trichloroethane	6.009	97	1542620	9.763	ppbv	100
34) 2-Butanone	4.790	43	1457672	10.494	ppbv	100
35) Carbon Tetrachloride	6.497	117	1634027	10.317	ppbv	99
36) Benzene	6.375	78	2145140	10.224	ppbv	99
37) 1,2-Dichloroethane	5.812	62	1198946	10.209	ppbv	100
38) Trichloroethene	7.295	130	1008526	10.492	ppbv	96
39) 1,2-Dichloropropane	7.076	63	822920	10.244	ppbv	98
40) 1,4-Dioxane	7.288	88	308350	9.556	ppbv	70
41) Tetrahydrofuran	5.558	42	856663	10.783	ppbv	99
42) Bromodichloromethane	7.256	83	1721589	10.153	ppbv	99
43) Methyl Methacrylate	7.478	69	859779	11.427	ppbv	99
44) 2,2,4-Trimethylpentane	7.330	57	3616874	10.321	ppbv	100
45) t-1,3-Dichloropropene	8.713	75	862518	12.455	ppbv	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080524\
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

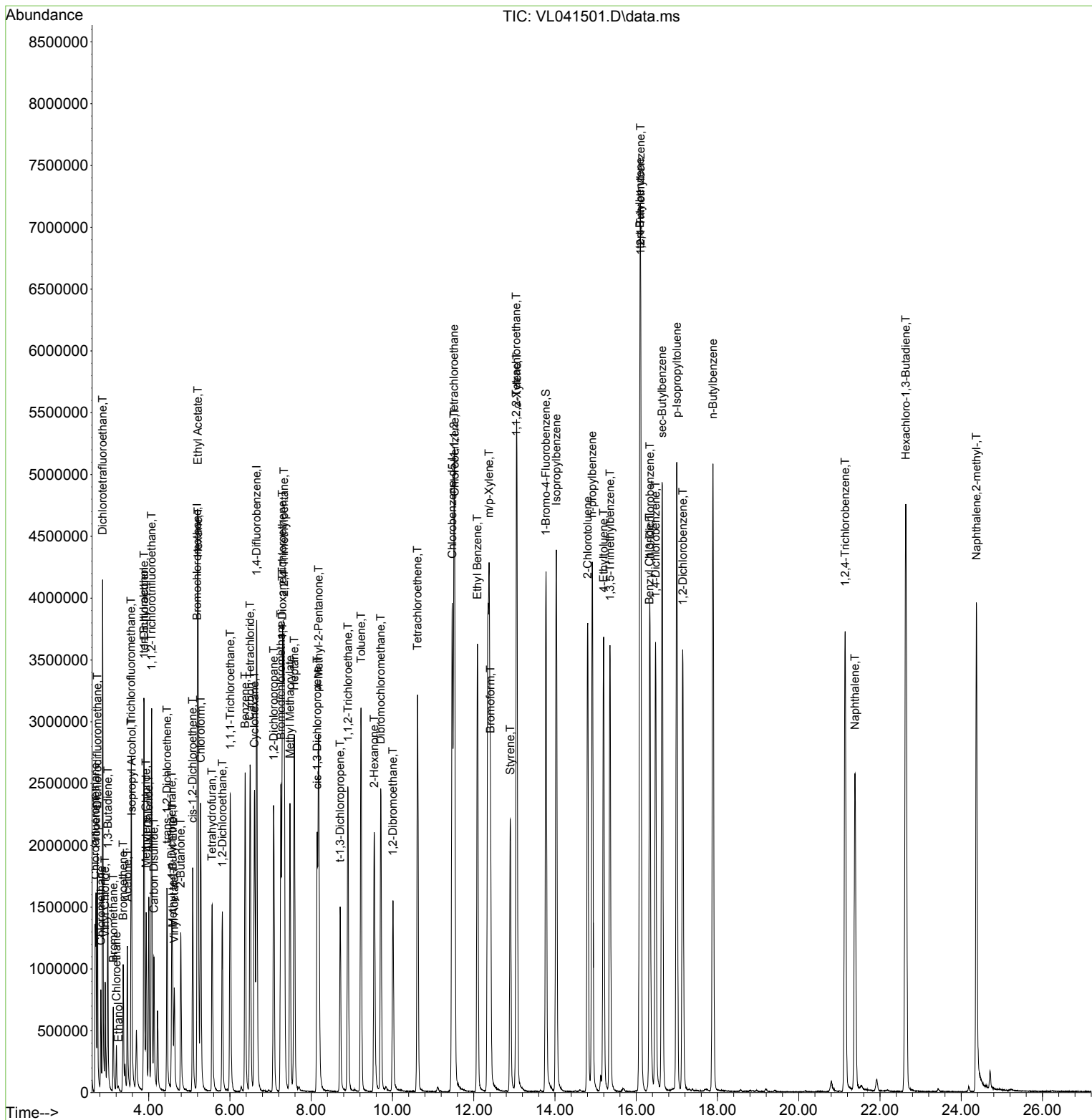
Instrument :
 MSVOA_L
 ClientSampleId :

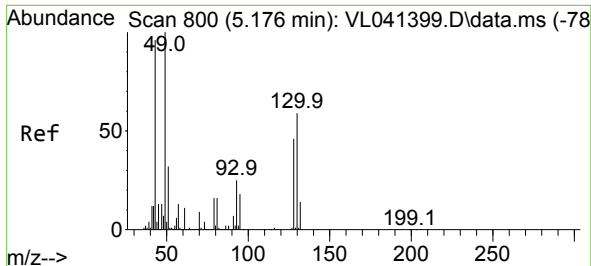
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Aug 06 01:32:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1176381	11.763	ppbv	96
47) 1,1,2-Trichloroethane	8.902	97	895437	10.113	ppbv	97
48) Dibromochloromethane	9.713	129	1489985	10.445	ppbv	100
49) Bromoform	12.413	173	1309948	10.871	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2395955	10.933	ppbv	100
51) 2-Hexanone	9.552	43	1958657	11.820	ppbv #	99
52) Tetrachloroethene	10.619	164	817587	10.084	ppbv	99
53) Toluene	9.227	91	2521227	10.788	ppbv	100
54) 1,2-Dibromoethane	10.012	107	1299818	11.029	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.513	131	1098631	8.588	ppbv #	57
57) Chlorobenzene	11.532	112	1969123	8.384	ppbv	99
58) Ethyl Benzene	12.092	91	3416674	8.986	ppbv	98
59) m/p-Xylene	12.378	91	2573811	7.842	ppbv #	11
60) o-Xylene	13.063	91	2776012	8.941	ppbv	100
61) Styrene	12.902	104	1372403	9.798	ppbv	98
62) Isopropylbenzene	14.034	105	4057993	8.597	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	1688321	8.611	ppbv	99
64) n-propylbenzene	14.918	120	1076976	8.727	ppbv	94
65) tert-Butylbenzene	16.092	119	3668677	8.605	ppbv	100
66) Benzyl Chloride	16.326	91	289538	10.588	ppbv	98
67) sec-Butylbenzene	16.638	105	5109400	8.698	ppbv	100
69) p-Isopropyltoluene	16.998	119	4320207	8.863	ppbv	100
70) n-Butylbenzene	17.889	91	4442990	8.892	ppbv	100
71) 2-Chlorotoluene	14.806	91	3033544	8.715	ppbv	99
72) 4-Ethyltoluene	15.198	105	3337124	9.129	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	2882009	9.152	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	3211840	8.773	ppbv	98
75) 1,3-Dichlorobenzene	16.336	146	1988978	8.642	ppbv	100
76) 1,4-Dichlorobenzene	16.478	146	1938595	8.699	ppbv	100
77) 1,2-Dichlorobenzene	17.146	146	1934600	8.480	ppbv	100
78) Hexachloro-1,3-Butadiene	22.635	225	1483142	7.623	ppbv	99
79) Naphthalene	21.384	128	3290255	10.182	ppbv	100
80) Naphthalene,2-methyl-	24.374	142	2826370	10.434	ppbv	99
81) 1,2,4-Trichlorobenzene	21.143	180	1729097	8.992	ppbv	100

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

Quant Time: Aug 06 01:38:21 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 26 06:05:16 2022
QLast Update : Tue Aug 06 01:32:58 2024
Response via : Initial Calibration

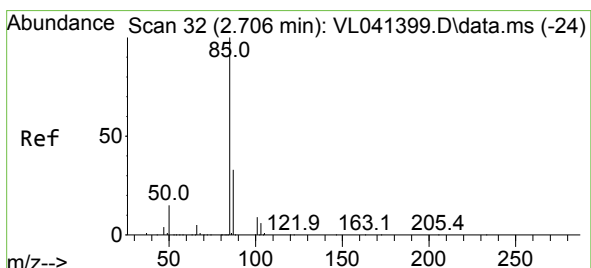
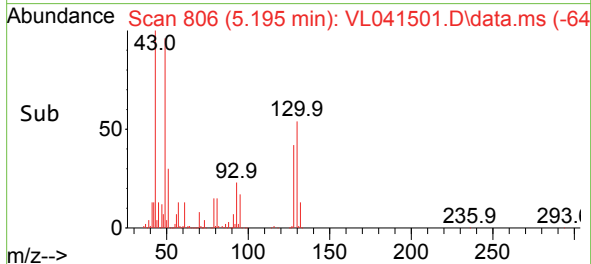
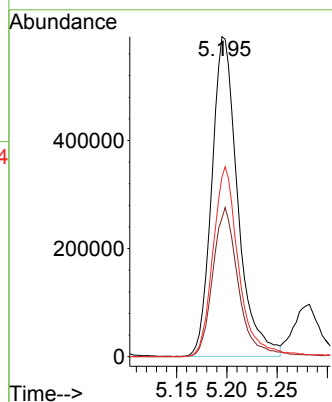
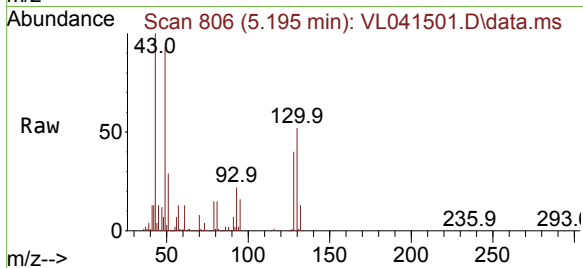




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

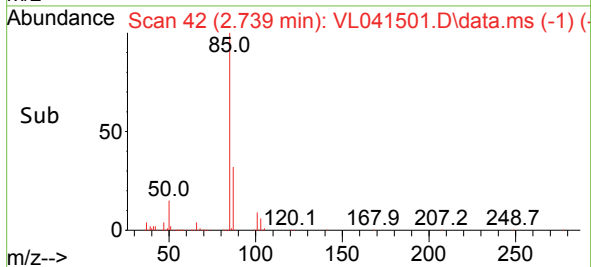
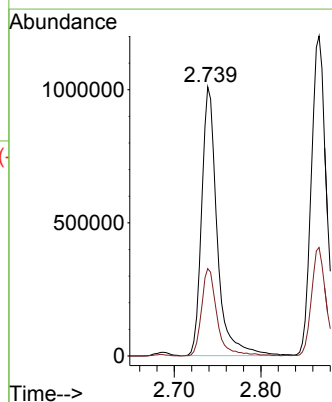
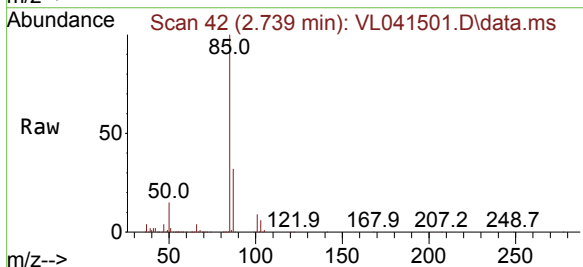
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MSVOA_L
ClientSampleId :

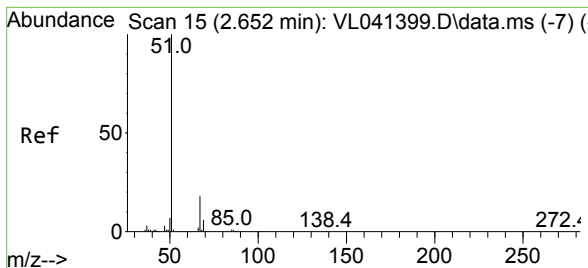
Tgt Ion: 49 Resp: 1062810
Ion Ratio Lower Upper
49 100
128 46.8 23.8 71.4
130 59.9 30.8 92.4



#2
Dichlorodifluoromethane
Concen: 6.883 ppbv
RT: 2.739 min Scan# 42
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 85 Resp: 1258507
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0





#3

Chlorodifluoromethane

Concen: 9.546 ppbv

RT: 2.684 min Scan# 21

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

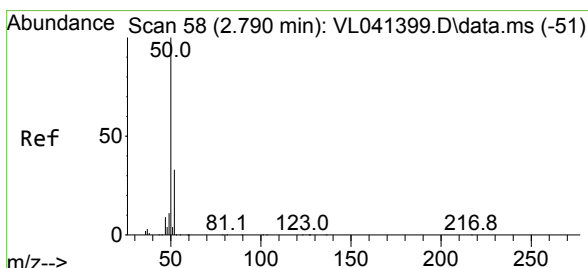
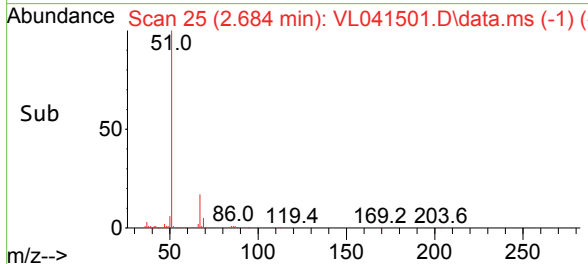
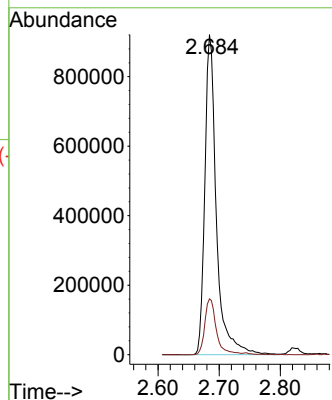
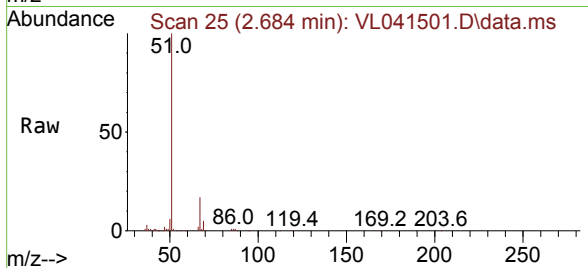
ClientSampleId :

Tgt Ion: 51 Resp: 1207816

Ion Ratio Lower Upper

51 100

67 18.0 14.5 21.7



#4

Chloromethane

Concen: 9.398 ppbv

RT: 2.822 min Scan# 68

Delta R.T. 0.007 min

Lab File: VL041501.D

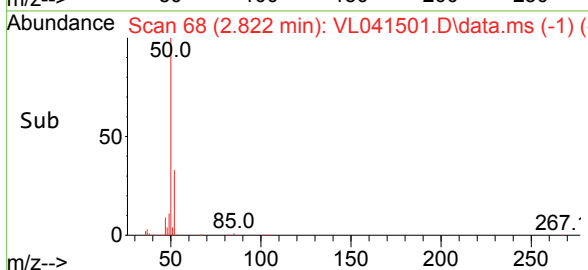
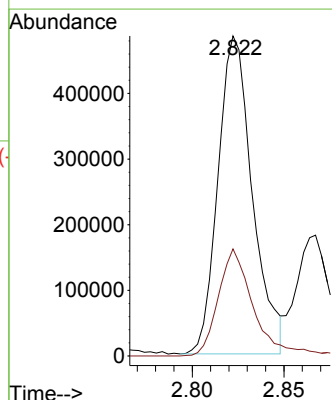
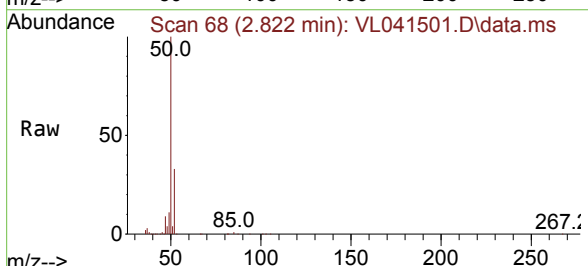
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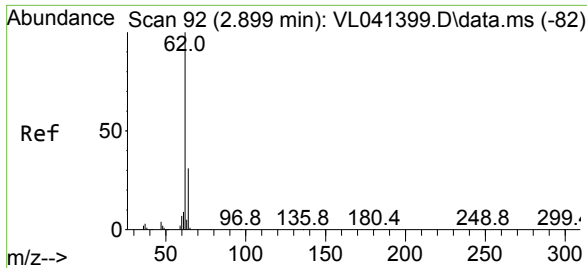
Tgt Ion: 50 Resp: 632402

Ion Ratio Lower Upper

50 100

52 33.8 26.1 39.1

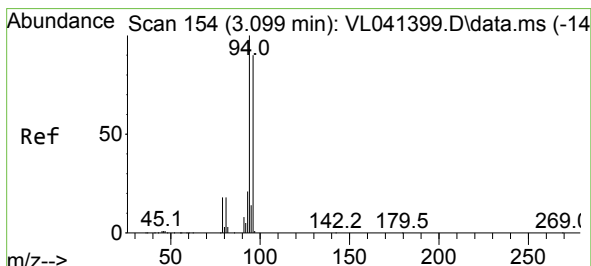
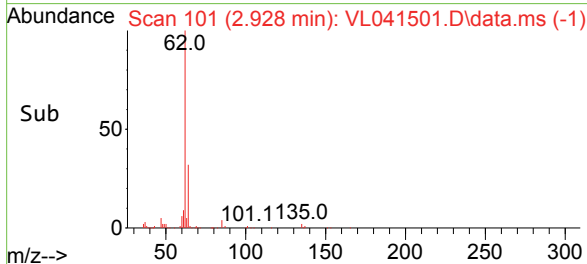
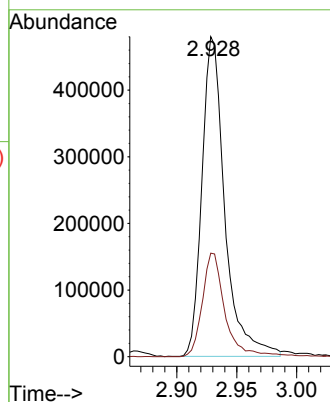
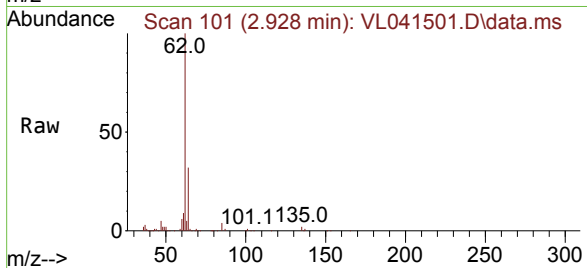




#5
 Vinyl Chloride
 Concen: 9.606 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

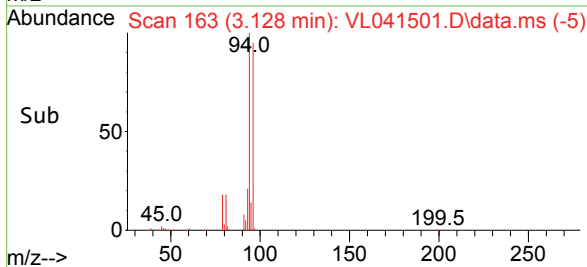
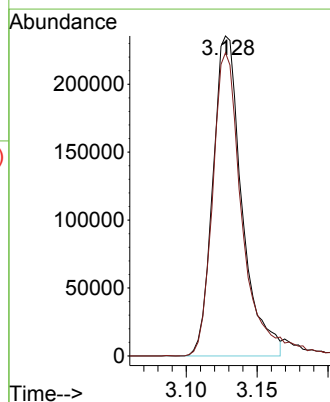
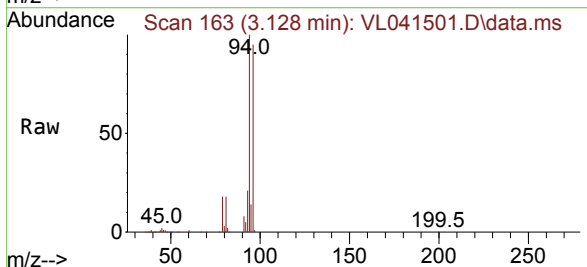
Instrument :
 MSVOA_L
 ClientSampleId :

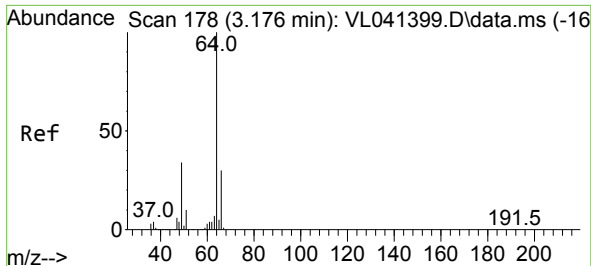
Tgt Ion: 62 Resp: 637182
 Ion Ratio Lower Upper
 62 100
 64 32.4 25.0 37.4



#6
 Bromomethane
 Concen: 9.875 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

Tgt Ion: 94 Resp: 336641
 Ion Ratio Lower Upper
 94 100
 96 94.7 72.3 108.5

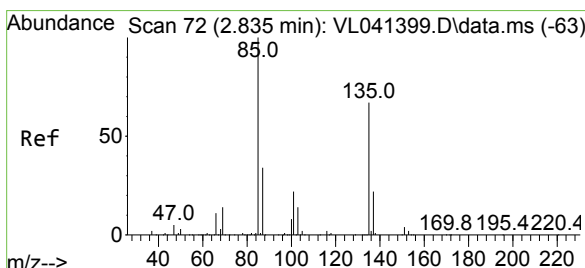
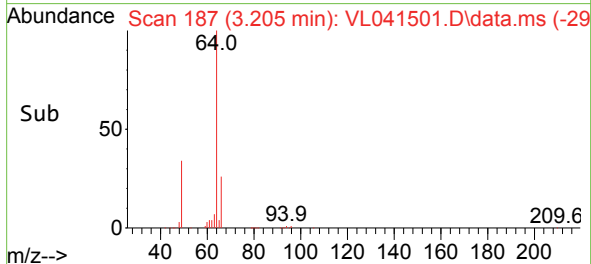
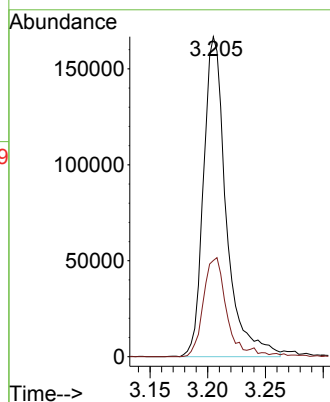
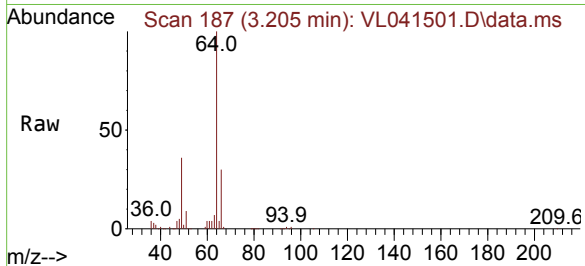




#7
Chloroethane
Concen: 9.970 ppbv
RT: 3.205 min Scan# 11
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

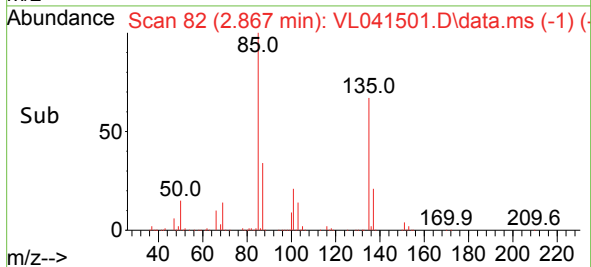
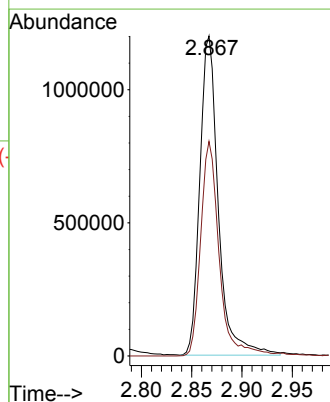
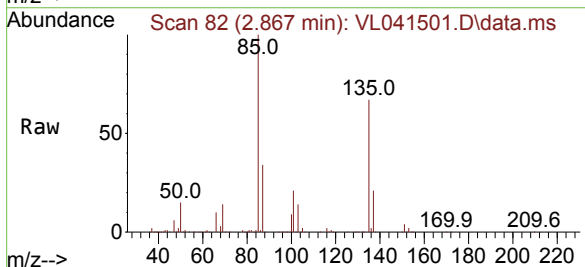
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MSVOA_L
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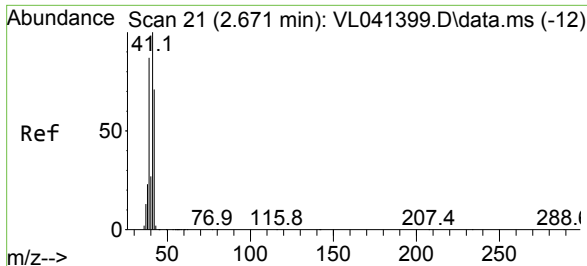
Tgt Ion: 64 Resp: 228231
Ion Ratio Lower Upper
64 100
66 30.1 24.2 36.2



#8
Dichlorotetrafluoroethane
Concen: 9.462 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 85 Resp: 1532826
Ion Ratio Lower Upper
85 100
135 68.1 55.4 83.0





#9

Propene

Concen: 9.307 ppbv

RT: 2.703 min Scan# 31

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

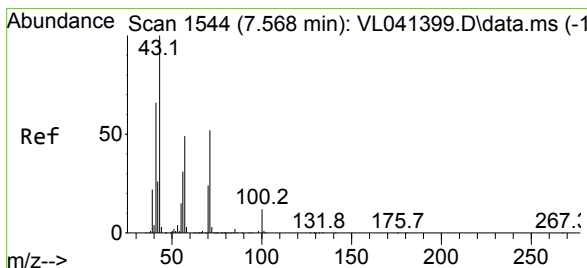
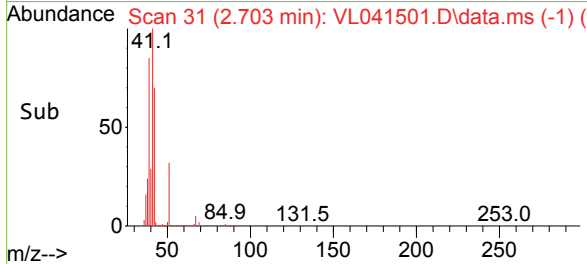
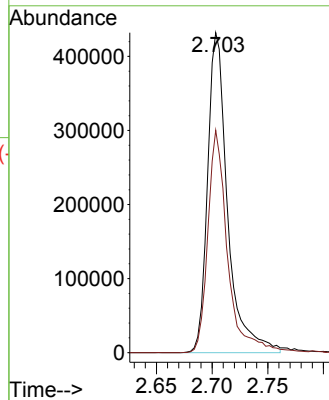
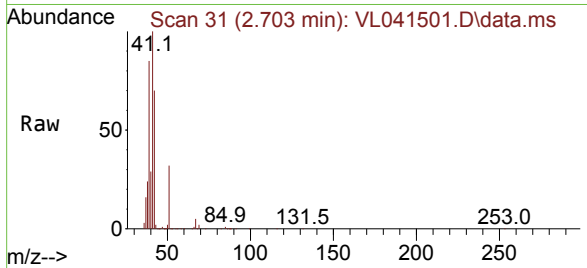
ClientSampleId :

Tgt Ion: 41 Resp: 540947

Ion Ratio Lower Upper

41 100

42 69.2 55.9 83.9



#10

Heptane

Concen: 10.340 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.010 min

Lab File: VL041501.D

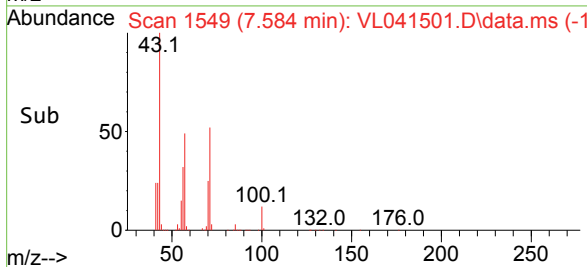
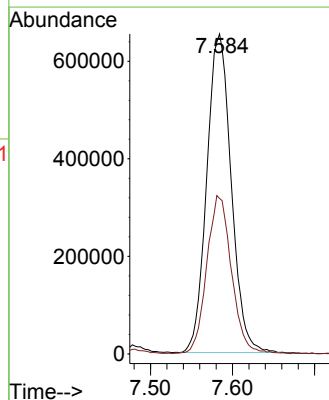
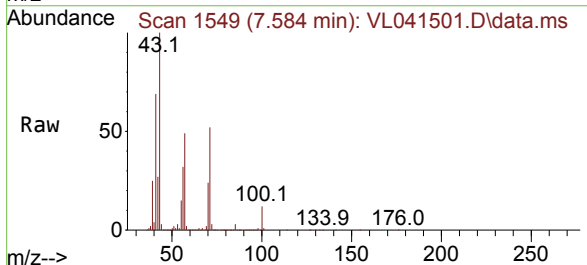
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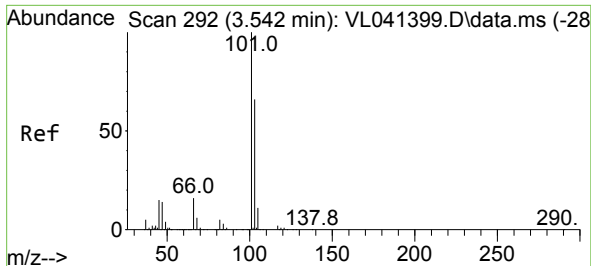
Tgt Ion: 43 Resp: 1350267

Ion Ratio Lower Upper

43 100

57 50.6 40.5 60.7

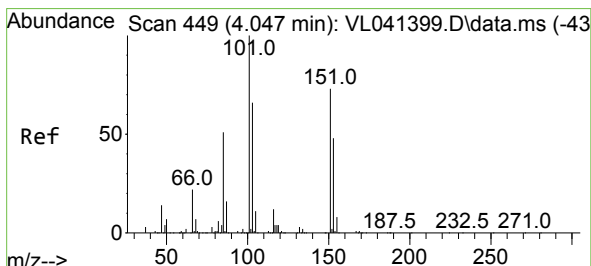
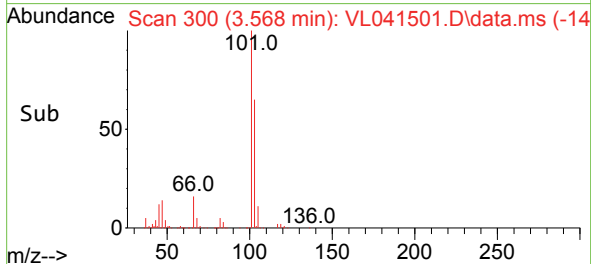
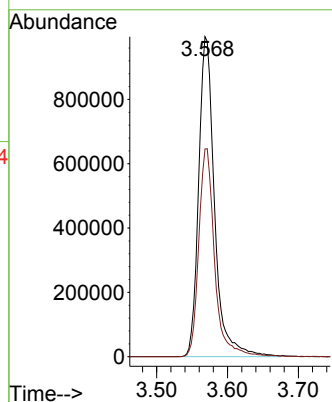
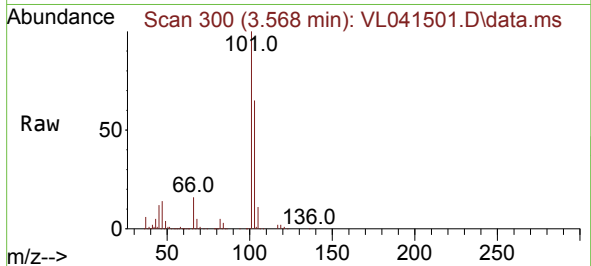




#11
 Trichlorofluoromethane
 Concen: 9.559 ppbv
 RT: 3.568 min Scan# 30
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

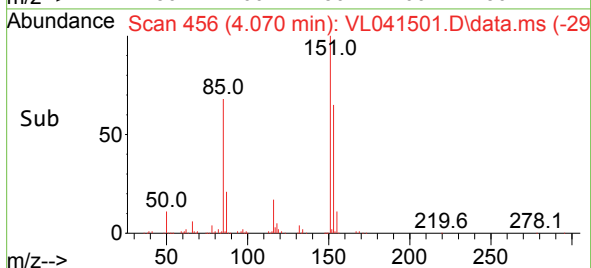
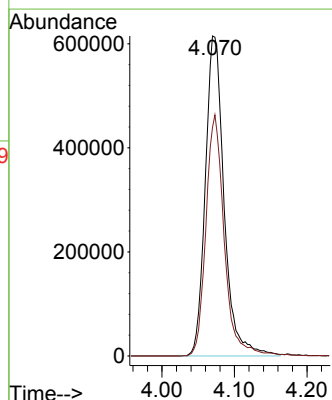
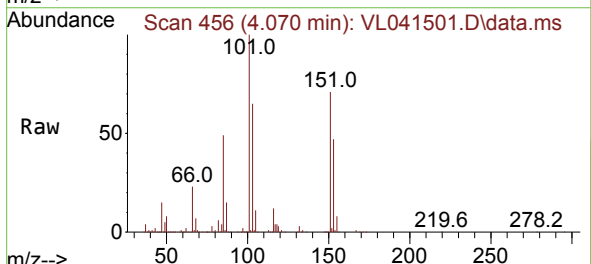
Instrument :
 MSVOA_L
 ClientSampleId :

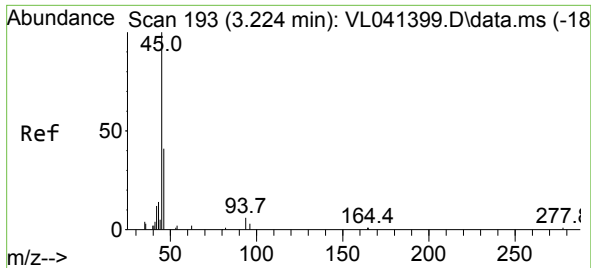
Tgt Ion:101 Resp: 1552232
 Ion Ratio Lower Upper
 101 100
 103 64.9 52.6 79.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.480 ppbv
 RT: 4.070 min Scan# 456
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

Tgt Ion:101 Resp: 1108448
 Ion Ratio Lower Upper
 101 100
 151 73.8 59.4 89.2

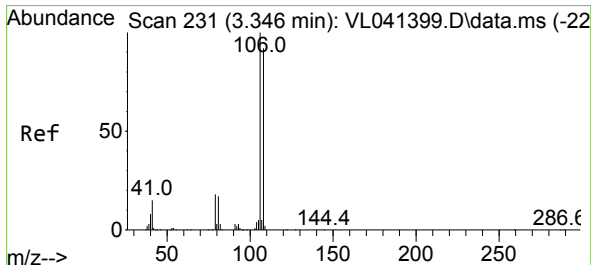
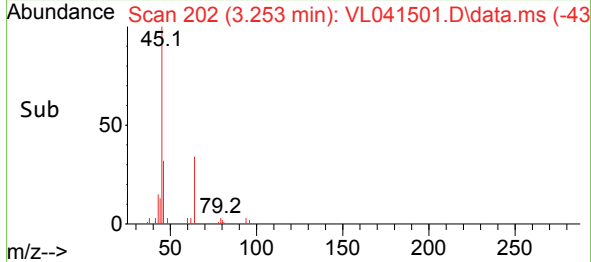
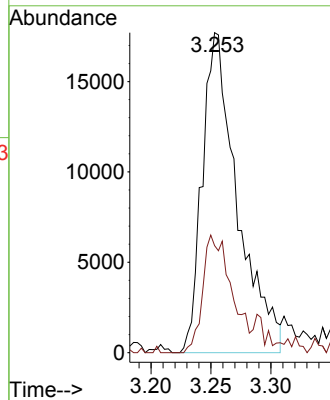
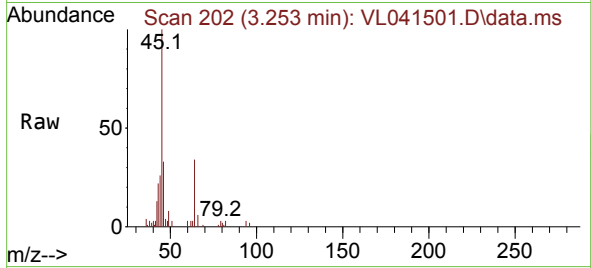




#13
Ethanol
Concen: 6.951 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

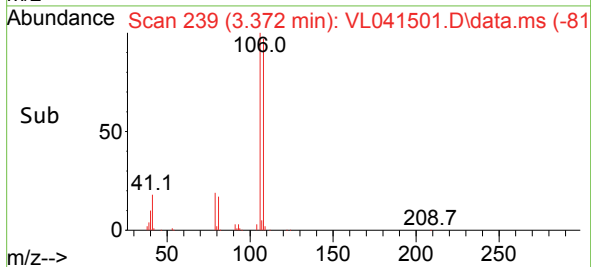
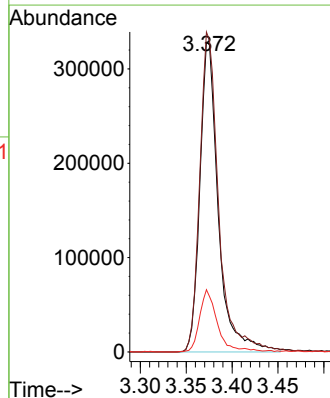
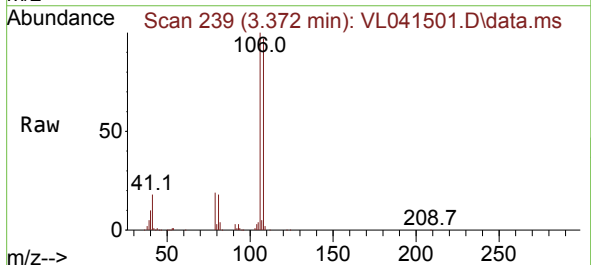
Instrument :
MSVOA_L
ClientSampleId :

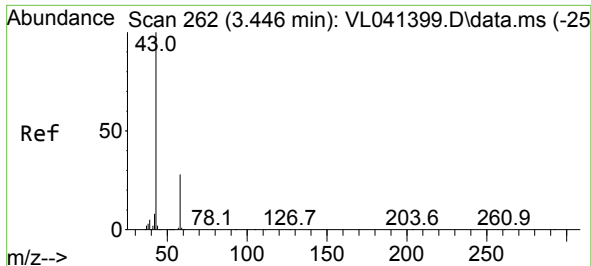
Tgt Ion: 45 Resp: 36110
Ion Ratio Lower Upper
45 100
46 34.1 13.4 53.4



#14
Bromoethene
Concen: 10.078 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion:108 Resp: 459384
Ion Ratio Lower Upper
108 100
106 107.0 86.9 130.3
79 20.3 16.2 24.4

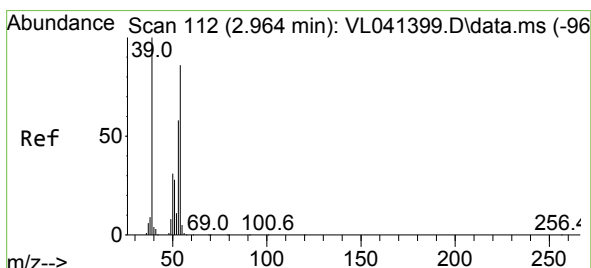
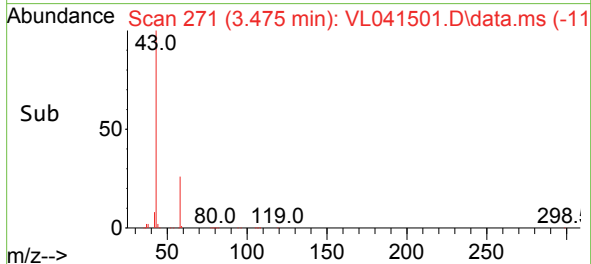
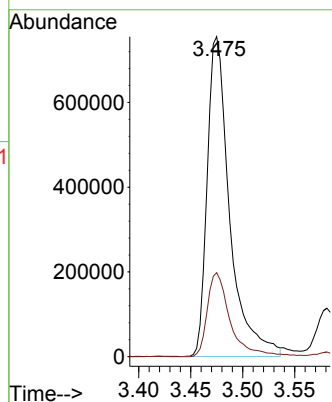
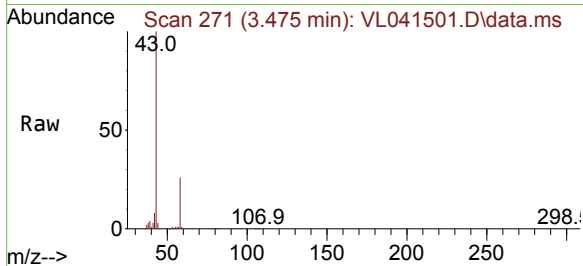




#15
Acetone
Concen: 9.406 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

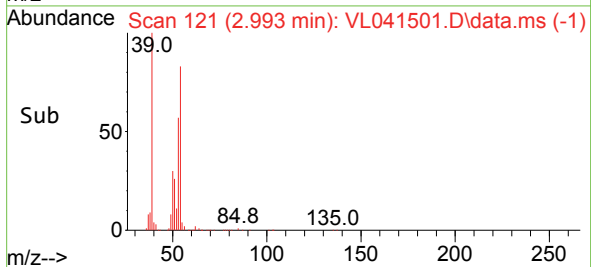
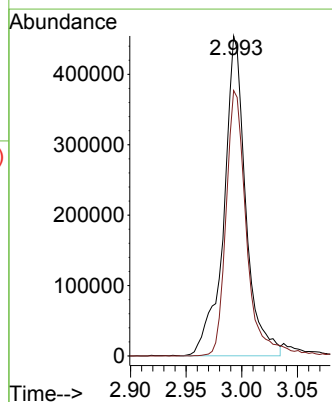
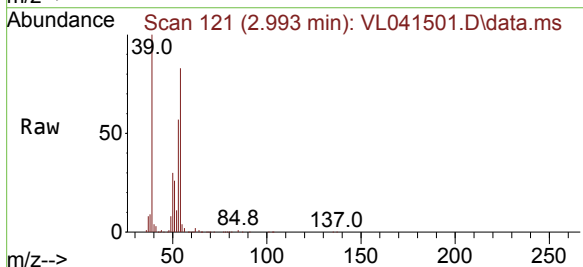
Instrument :
MSVOA_L
ClientSampleId :

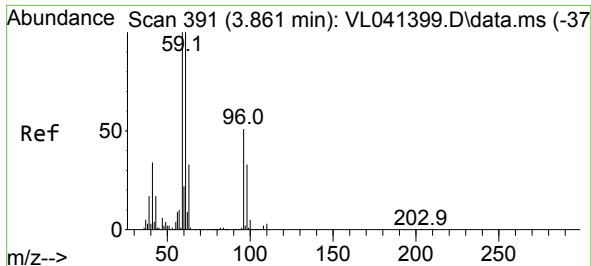
Tgt Ion: 43 Resp: 1135900
Ion Ratio Lower Upper
43 100
58 27.0 21.4 32.2



#16
1,3-Butadiene
Concen: 9.666 ppbv
RT: 2.993 min Scan# 121
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

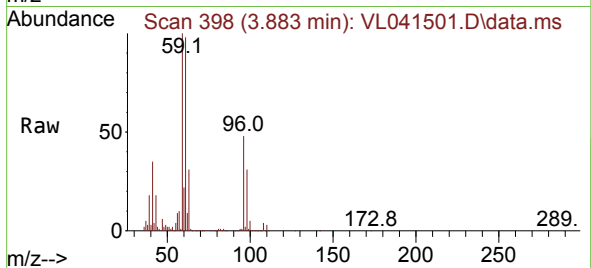
Tgt Ion: 39 Resp: 623616
Ion Ratio Lower Upper
39 100
54 78.9 62.5 93.7



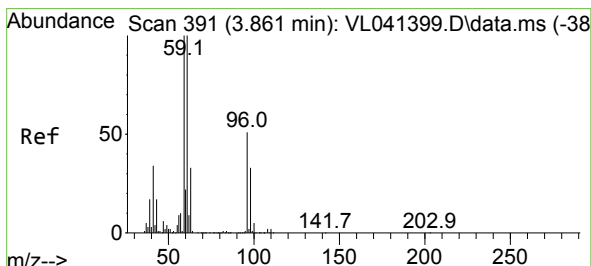
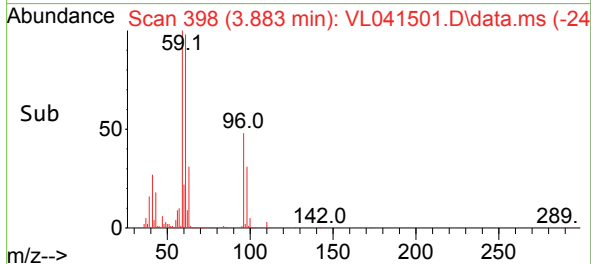
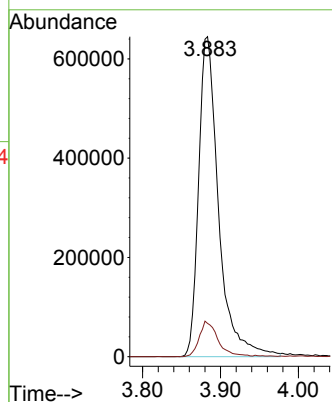


#17
tert-Butyl alcohol
Concen: 10.410 ppbv
RT: 3.883 min Scan# 398
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Instrument :
MSVOA_L
ClientSampleId :

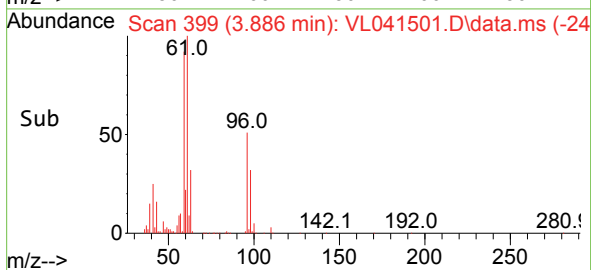
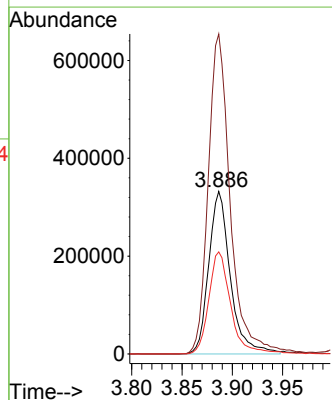
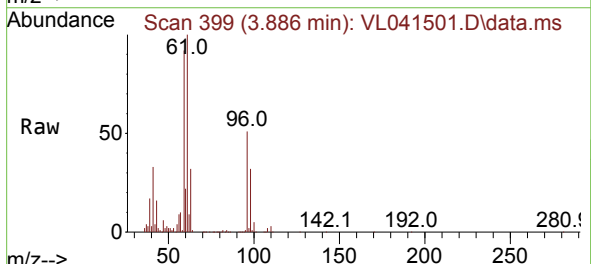


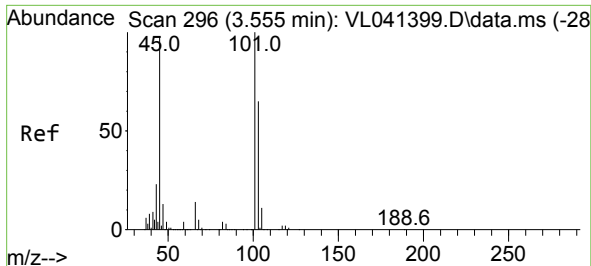
Tgt Ion: 59 Resp: 1146447
Ion Ratio Lower Upper
59 100
57 10.7 8.6 12.8



#18
1,1-Dichloroethene
Concen: 9.951 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 96 Resp: 497709
Ion Ratio Lower Upper
96 100
61 196.9 157.5 236.3
98 62.8 51.2 76.8





#19

Isopropyl Alcohol

Concen: 9.612 ppbv

RT: 3.581 min Scan# 304

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

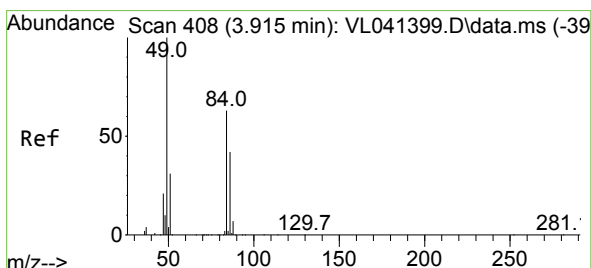
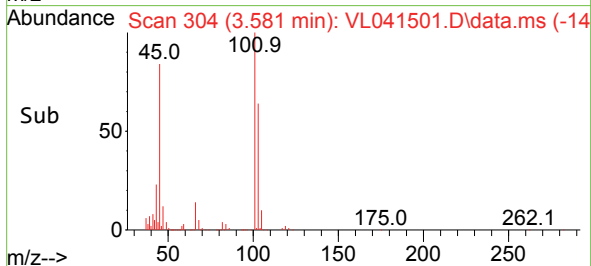
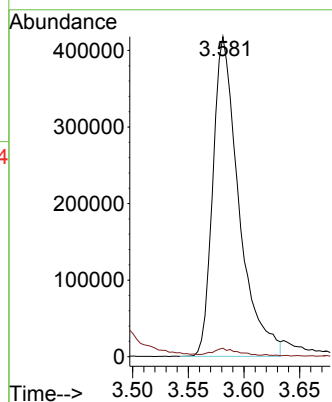
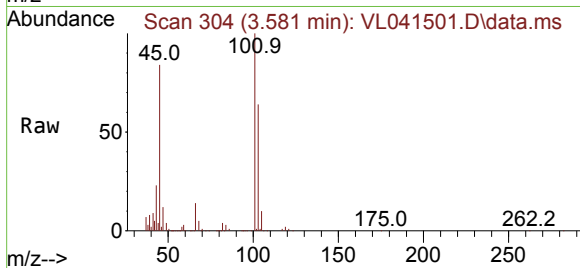
ClientSampleId :

Tgt Ion: 45 Resp: 678576

Ion Ratio Lower Upper

45 100

58 3.5 1.9 2.9#



#20

Methylene Chloride

Concen: 9.548 ppbv

RT: 3.938 min Scan# 415

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Tgt Ion: 84 Resp: 429936

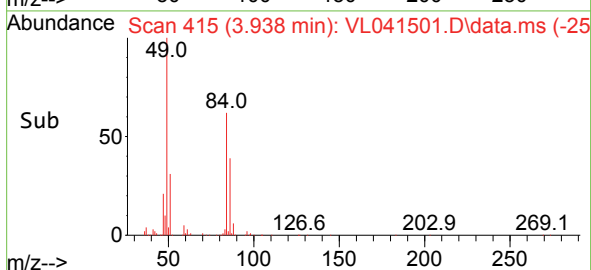
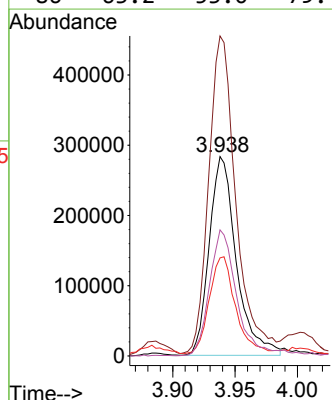
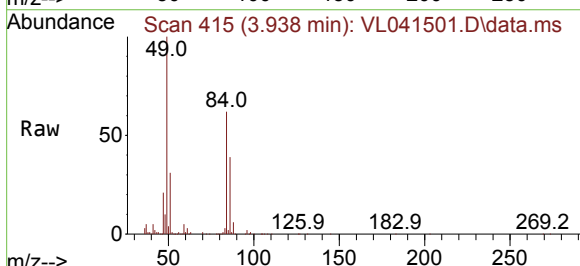
Ion Ratio Lower Upper

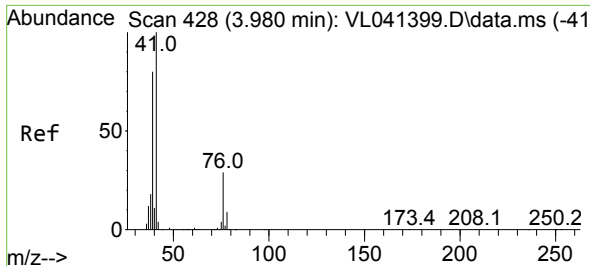
84 100

49 159.8 126.6 190.0

51 48.0 38.6 58.0

86 63.2 53.0 79.4

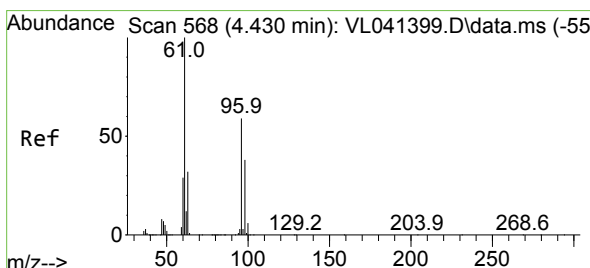
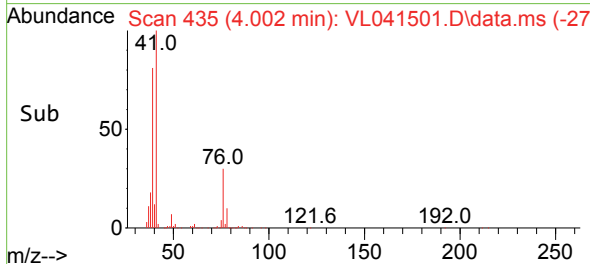
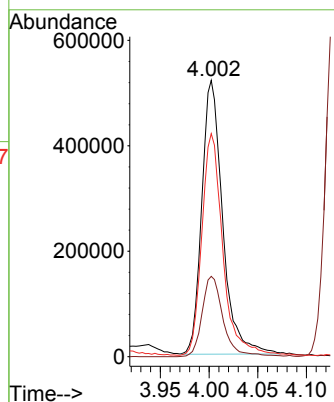
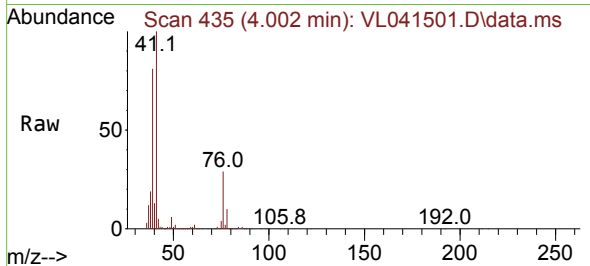




#21
 Allyl Chloride
 Concen: 9.781 ppbv
 RT: 4.002 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

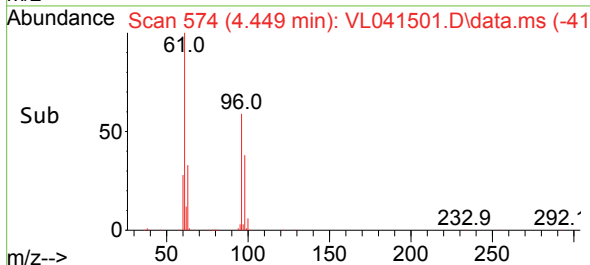
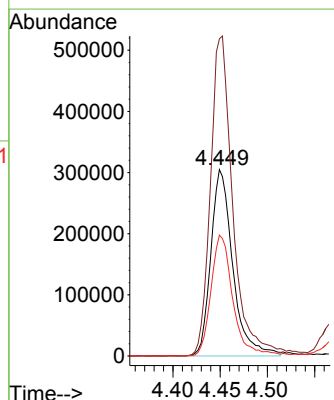
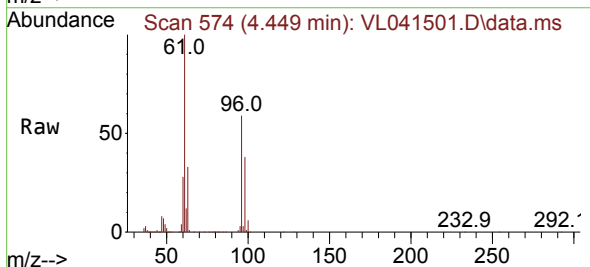
Instrument :
 MSVOA_L
 ClientSampleId :

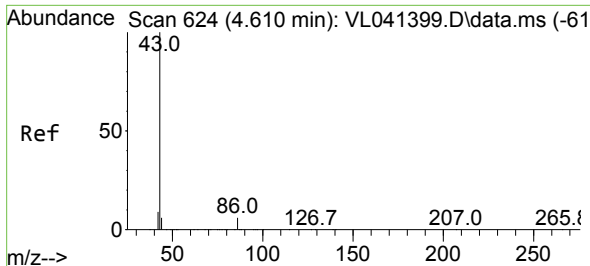
Tgt Ion: 41 Resp: 774586
 Ion Ratio Lower Upper
 41 100
 76 29.7 23.7 35.5
 39 82.0 64.3 96.5



#22
 trans-1,2-Dichloroethene
 Concen: 9.866 ppbv
 RT: 4.449 min Scan# 574
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

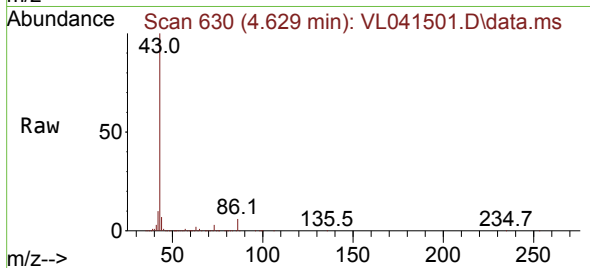
Tgt Ion: 96 Resp: 493428
 Ion Ratio Lower Upper
 96 100
 61 170.2 135.4 203.2
 98 64.7 51.0 76.4



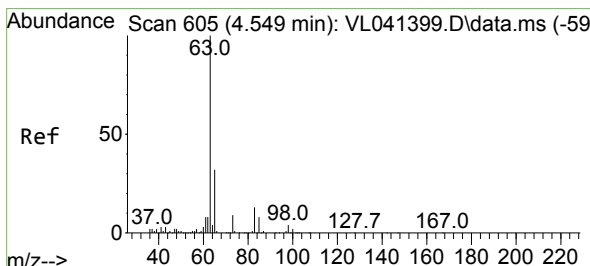
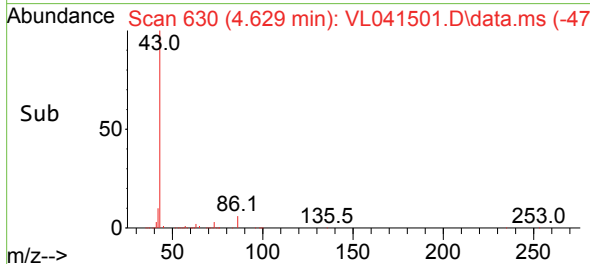
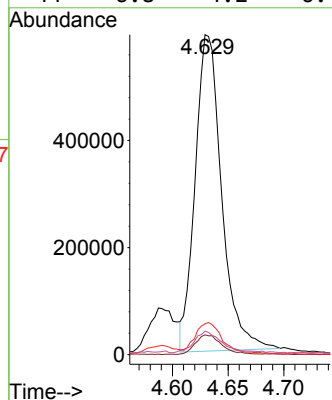


#23
 Vinyl Acetate
 Concen: 10.620 ppbv
 RT: 4.629 min Scan# 611
 Delta R.T. 0.003 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

Instrument :
 MSVOA_L
 ClientSampleId :

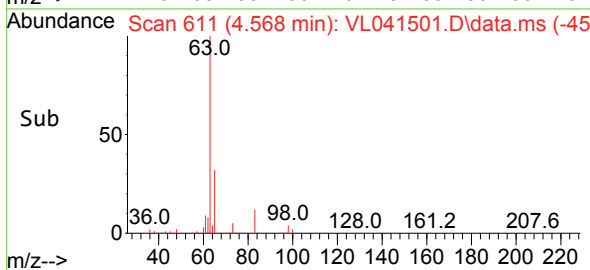
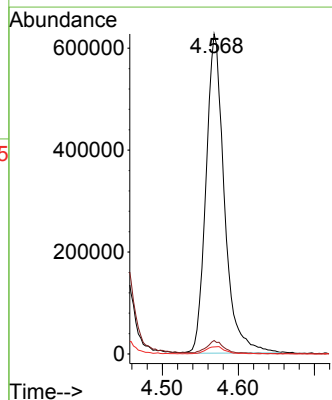
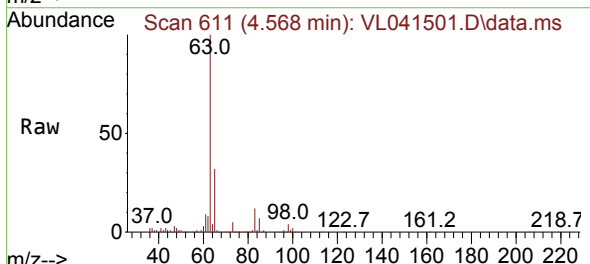


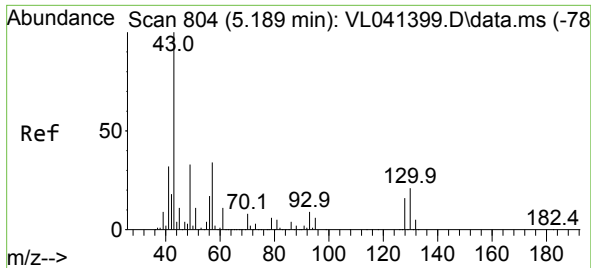
Tgt Ion: 43 Resp: 979409
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.6 6.8
 42 9.6 7.9 11.9
 44 6.8 4.2 6.4#



#24
 1,1-Dichloroethane
 Concen: 9.679 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.007 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

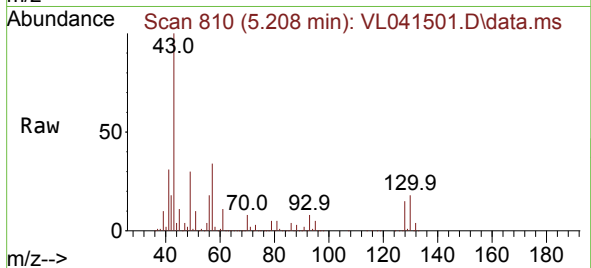
Tgt Ion: 63 Resp: 1051048
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.0 6.0
 100 2.2 1.2 3.6





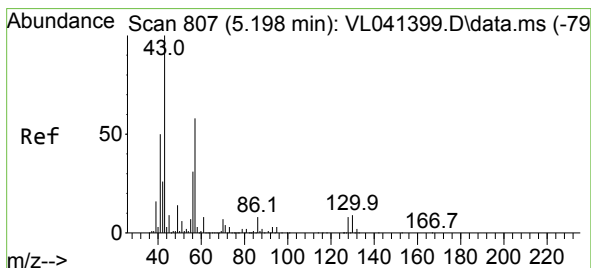
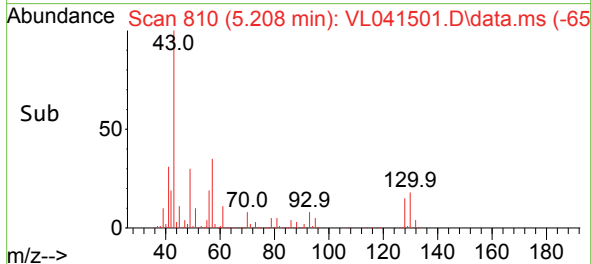
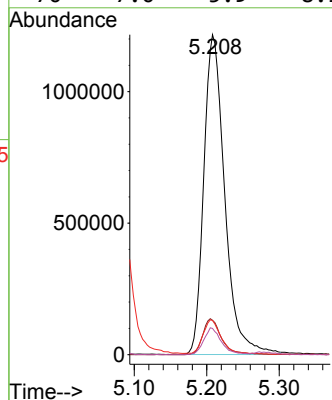
#25
Ethyl Acetate
Concen: 10.159 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2437212

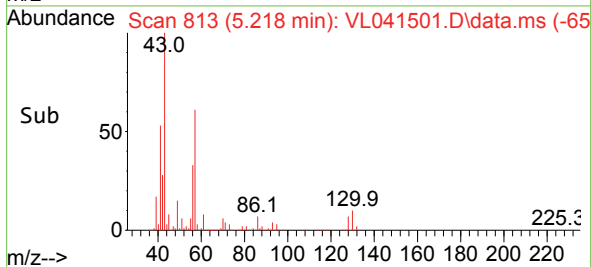
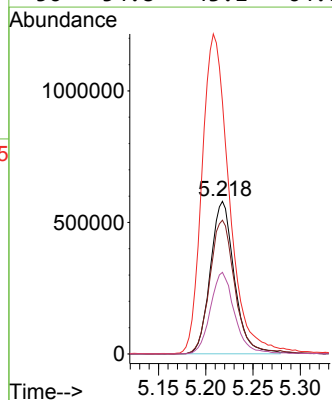
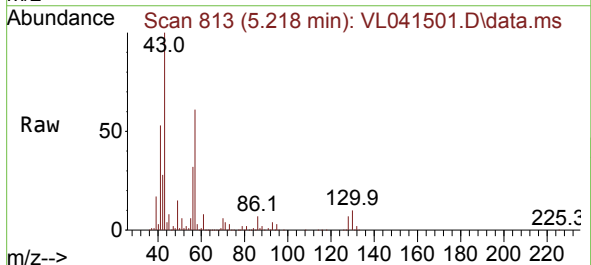
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.5	12.7
61	9.7	8.0	12.0
70	7.0	5.9	8.9

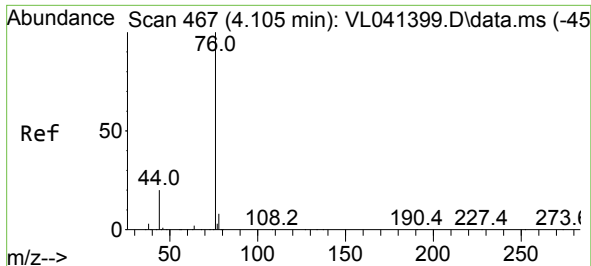


#26
Hexane
Concen: 10.249 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 57 Resp: 1019915

Ion	Ratio	Lower	Upper
57	100		
41	93.6	74.0	111.0
43	240.9	193.6	290.4
56	54.8	43.1	64.7





#27

Carbon Disulfide

Concen: 10.031 ppbv

RT: 4.131 min Scan# 41

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

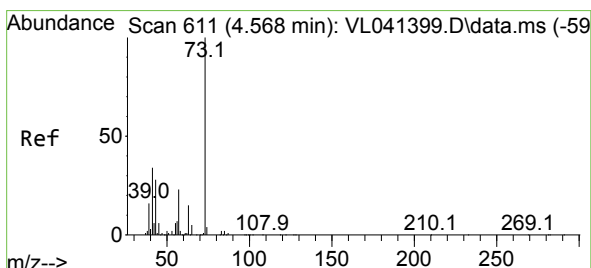
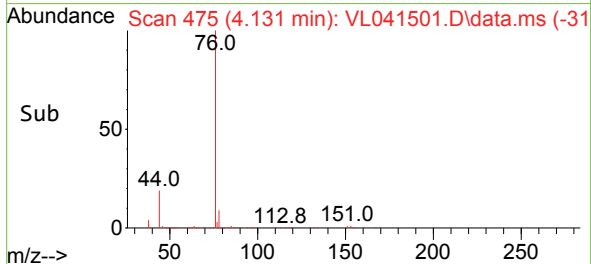
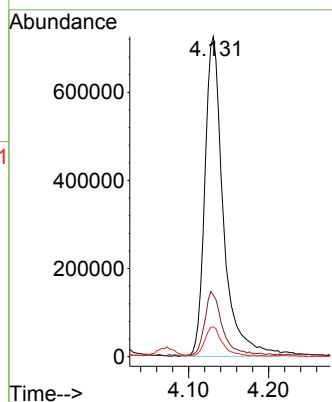
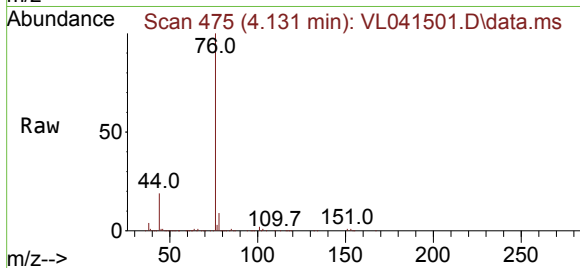
Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 76 Resp: 1167864

Ion	Ratio	Lower	Upper
76	100		
44	19.7	15.6	23.4
78	9.4	7.7	11.5



#28

Methyl tert-Butyl Ether

Concen: 9.492 ppbv

RT: 4.594 min Scan# 619

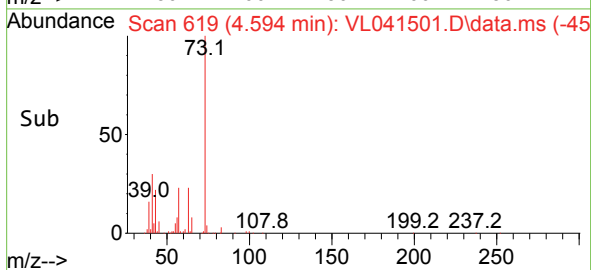
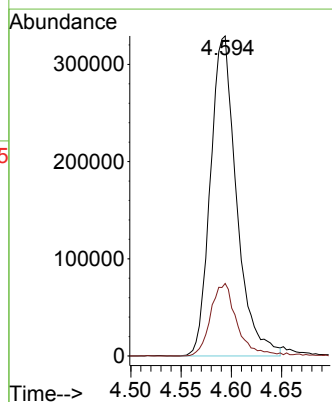
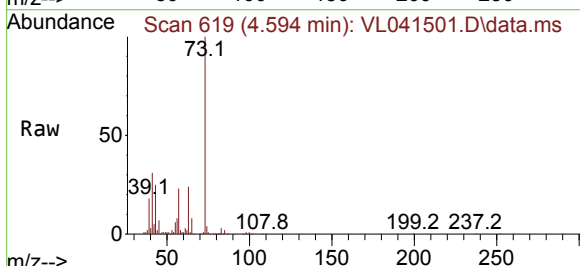
Delta R.T. 0.013 min

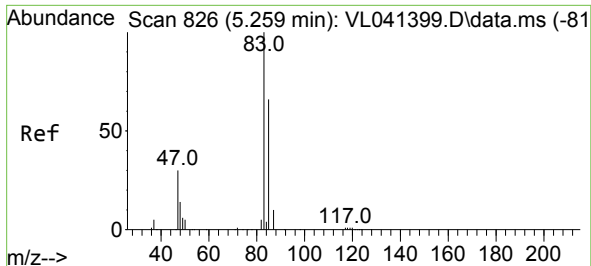
Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Tgt Ion: 73 Resp: 595733

Ion	Ratio	Lower	Upper
73	100		
57	23.3	18.9	28.3





#29

Chloroform

Concen: 9.647 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

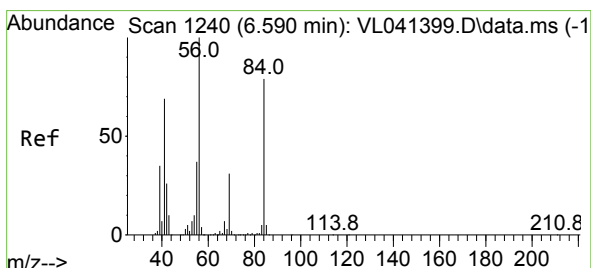
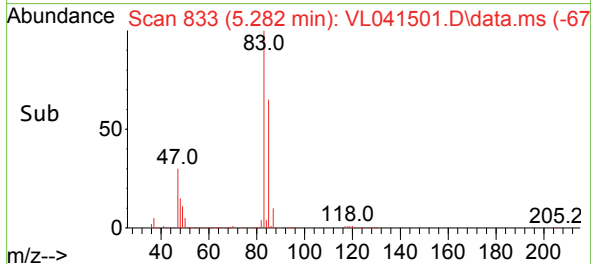
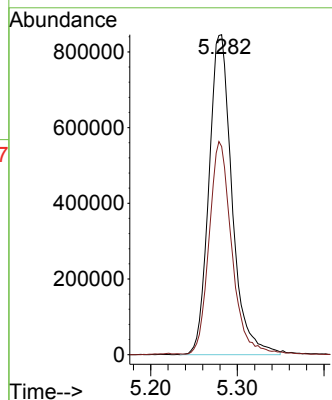
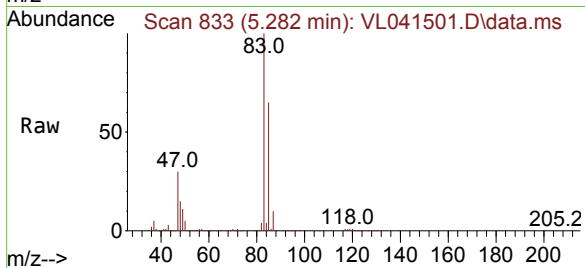
ClientSampleId :

Tgt Ion: 83 Resp: 1566002

Ion Ratio Lower Upper

83 100

85 64.8 53.1 79.7



#30

Cyclohexane

Concen: 10.877 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

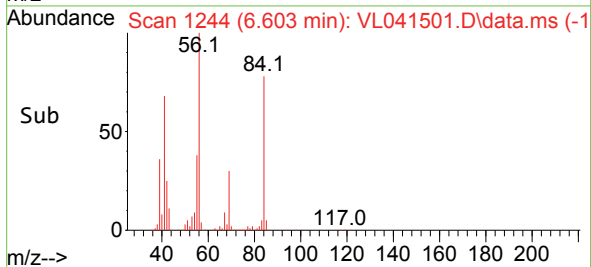
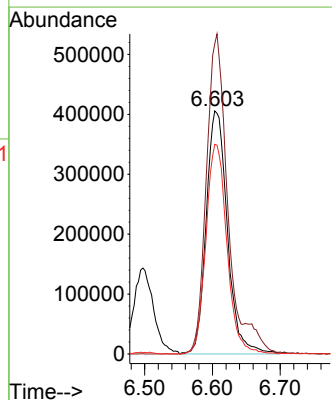
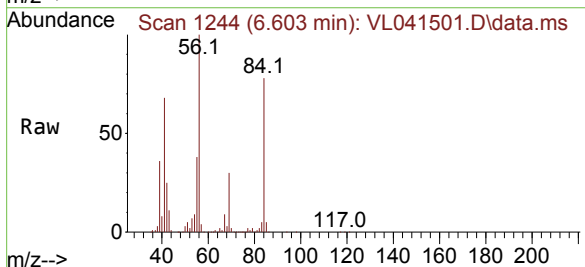
Tgt Ion: 84 Resp: 881458

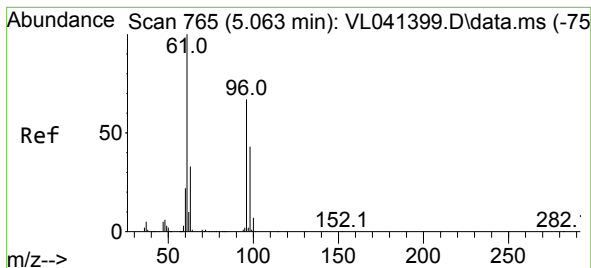
Ion Ratio Lower Upper

84 100

56 134.4 111.2 166.8

41 85.9 70.3 105.5





#31

cis-1,2-Dichloroethene

Concen: 9.910 ppbv

RT: 5.083 min Scan# 71

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

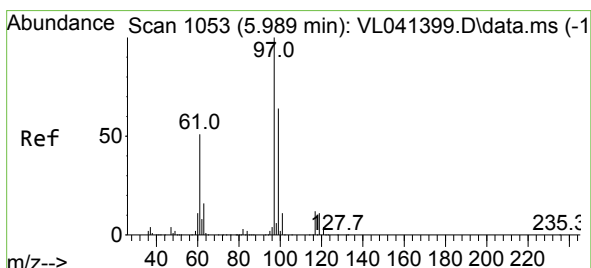
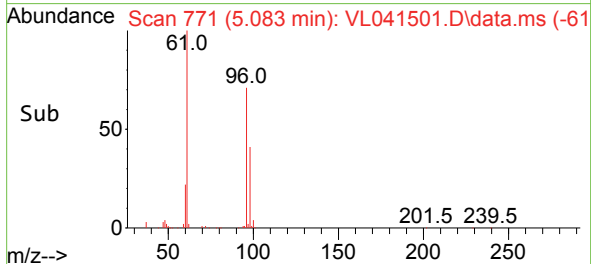
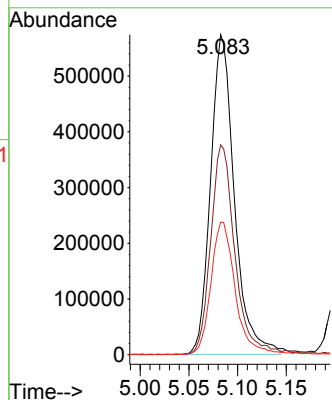
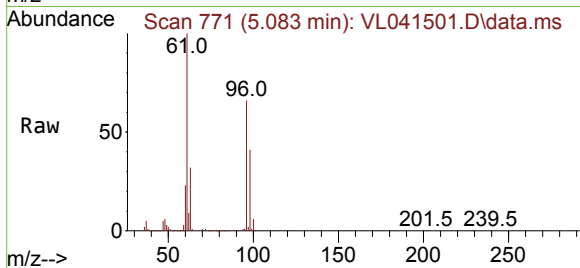
Tgt Ion: 61 Resp: 974229

Ion Ratio Lower Upper

61 100

96 65.6 53.4 80.2

98 41.4 34.4 51.6



#32

1,1,1-Trichloroethane

Concen: 9.763 ppbv

RT: 6.009 min Scan# 1059

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

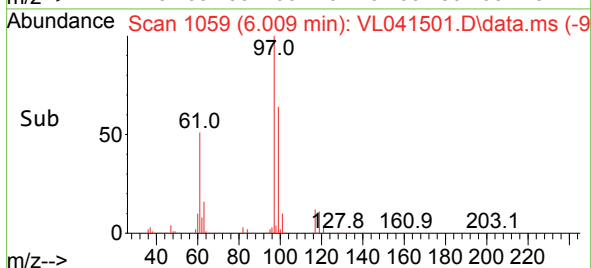
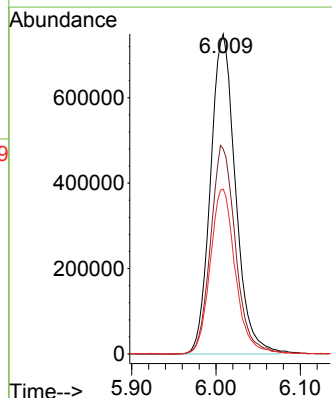
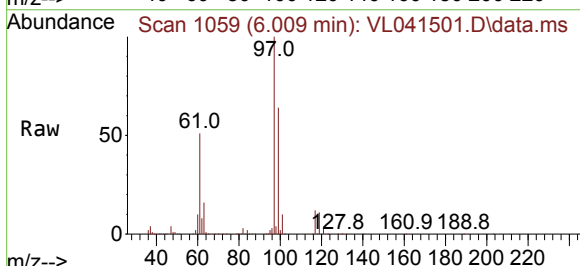
Tgt Ion: 97 Resp: 1542620

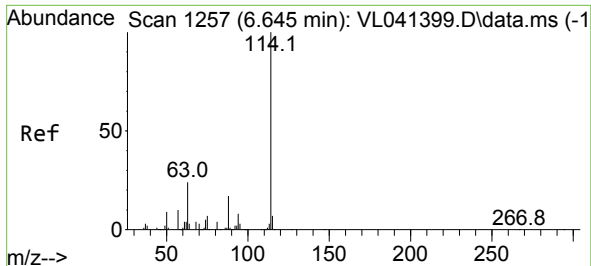
Ion Ratio Lower Upper

97 100

99 65.1 52.0 78.0

61 51.7 41.8 62.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

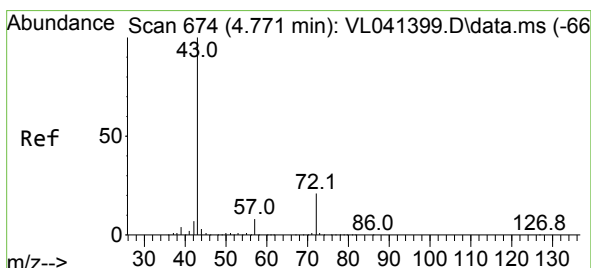
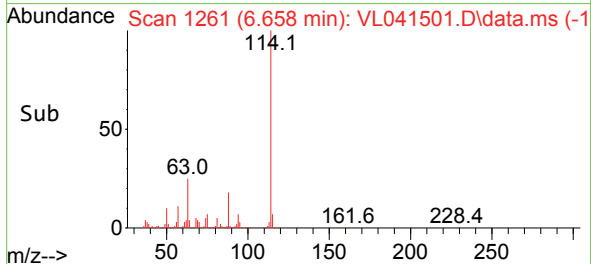
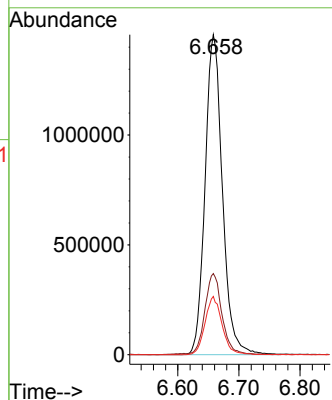
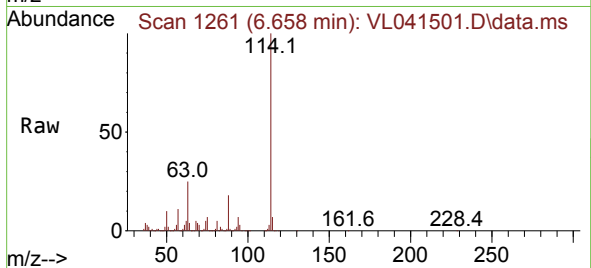
Tgt Ion:114 Resp: 2871493

Ion Ratio Lower Upper

114 100

63 25.3 20.3 30.5

88 17.8 14.3 21.5



#34

2-Butanone

Concen: 10.494 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.007 min

Lab File: VL041501.D

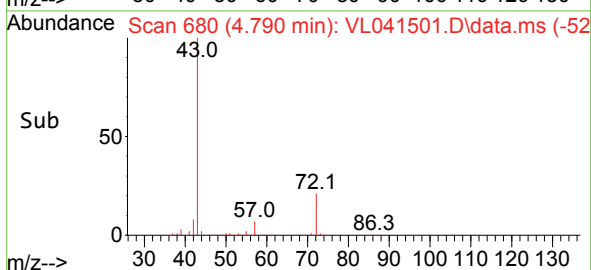
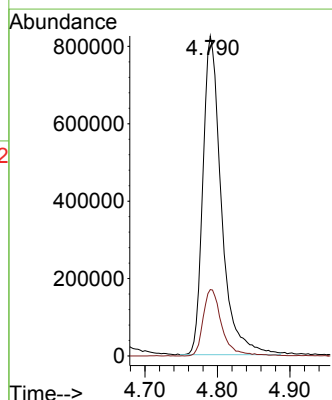
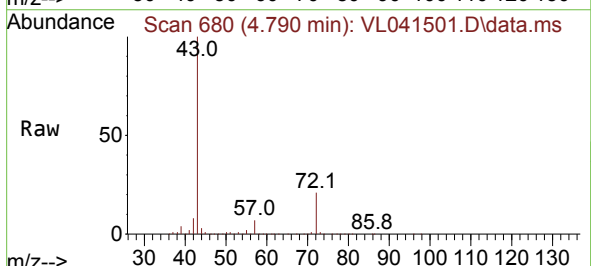
Acq: 5 Aug 2024 15:32

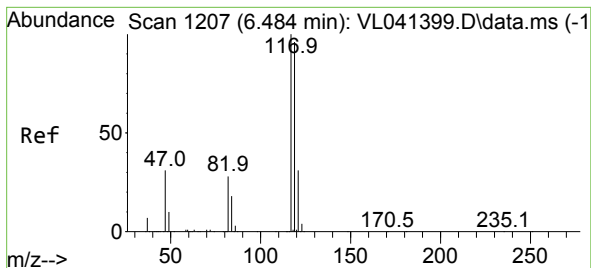
Tgt Ion: 43 Resp: 1457672

Ion Ratio Lower Upper

43 100

72 21.4 17.3 25.9





#35

Carbon Tetrachloride

Concen: 10.317 ppbv

RT: 6.497 min Scan# 1173

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

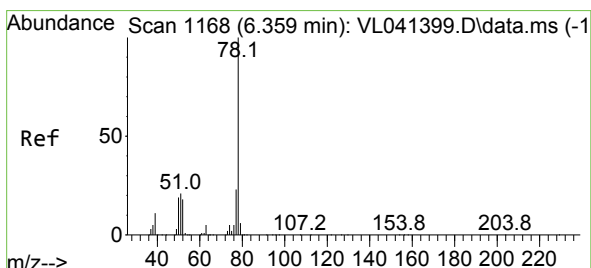
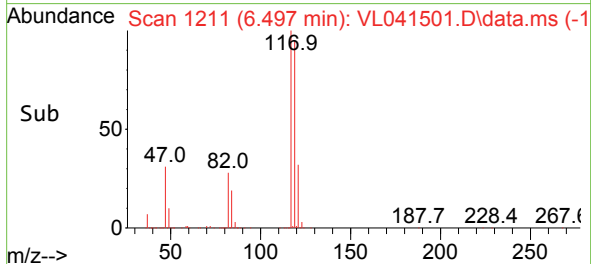
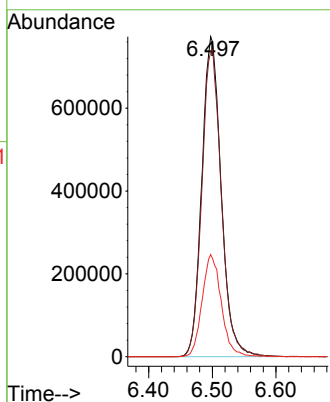
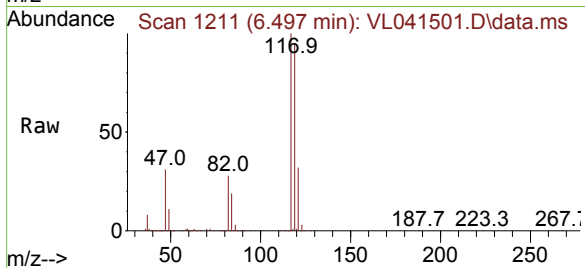
Tgt Ion:117 Resp: 1634027

Ion Ratio Lower Upper

117 100

119 95.4 76.6 115.0

121 31.9 25.1 37.7



#36

Benzene

Concen: 10.224 ppbv

RT: 6.375 min Scan# 1173

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

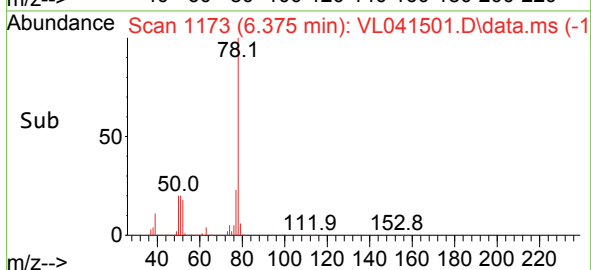
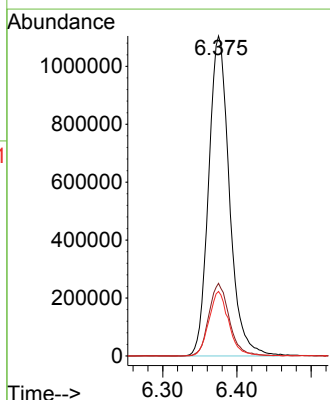
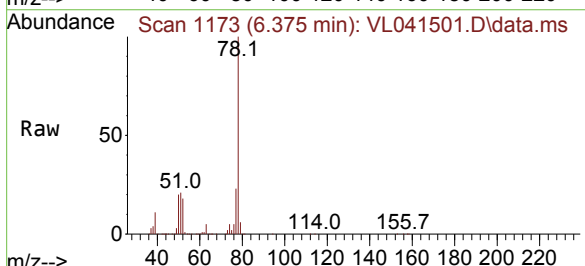
Tgt Ion: 78 Resp: 2145140

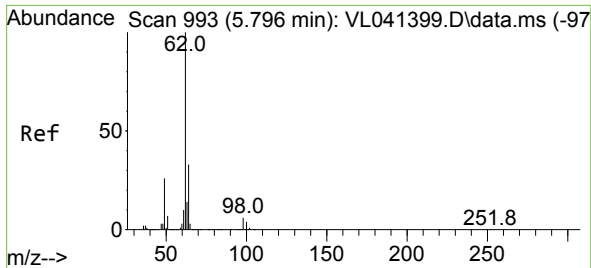
Ion Ratio Lower Upper

78 100

77 22.7 18.1 27.1

50 20.1 15.5 23.3





#37

1,2-Dichloroethane

Concen: 10.209 ppbv

RT: 5.812 min Scan# 993

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

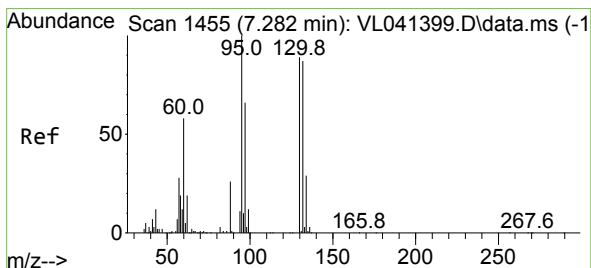
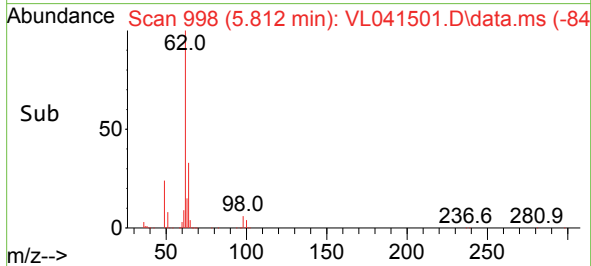
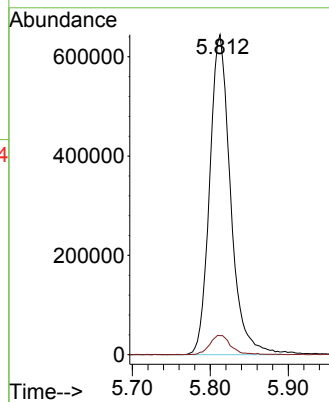
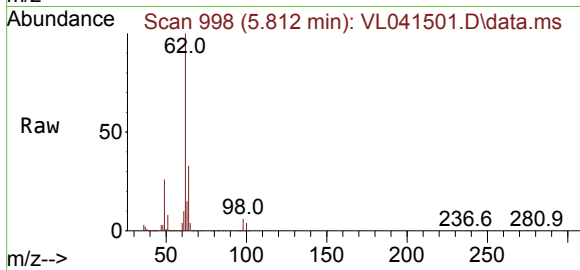
ClientSampleId :

Tgt Ion: 62 Resp: 1198946

Ion Ratio Lower Upper

62 100

98 6.3 5.0 7.4



#38

Trichloroethene

Concen: 10.492 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Tgt Ion:130 Resp: 1008526

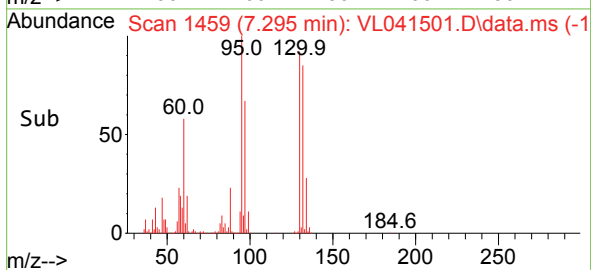
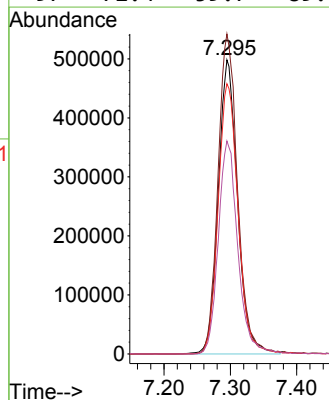
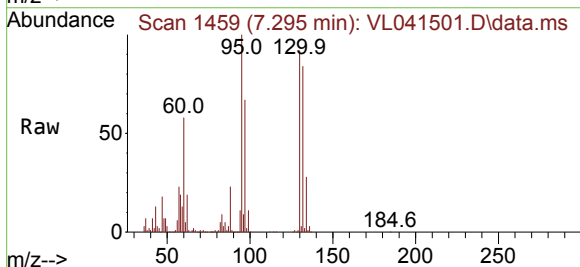
Ion Ratio Lower Upper

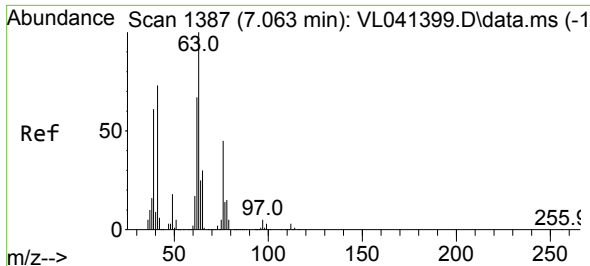
130 100

95 108.8 90.2 135.2

132 91.9 78.1 117.1

97 72.4 59.7 89.5





#39

1,2-Dichloropropane

Concen: 10.244 ppbv

RT: 7.076 min Scan# 11

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

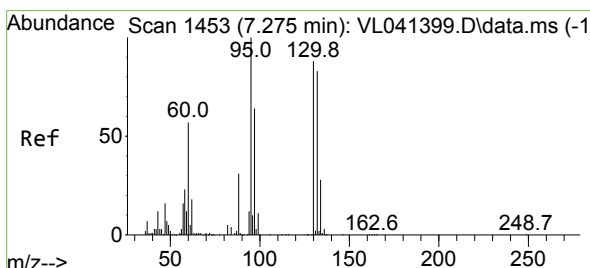
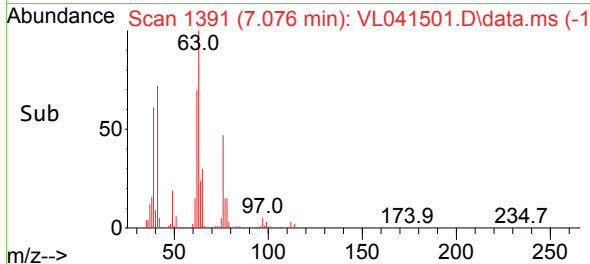
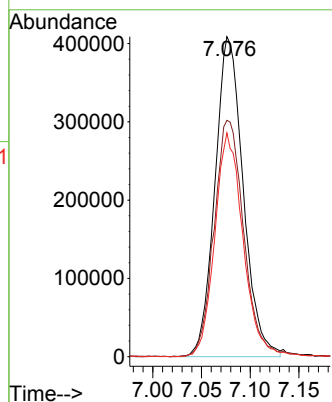
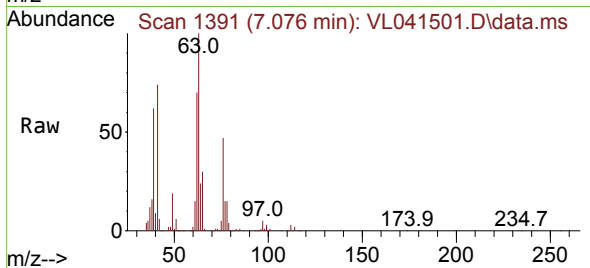
Tgt Ion: 63 Resp: 822920

Ion Ratio Lower Upper

63 100

41 73.7 58.3 87.5

62 69.8 53.9 80.9



#40

1,4-Dioxane

Concen: 9.556 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Tgt Ion: 88 Resp: 308350

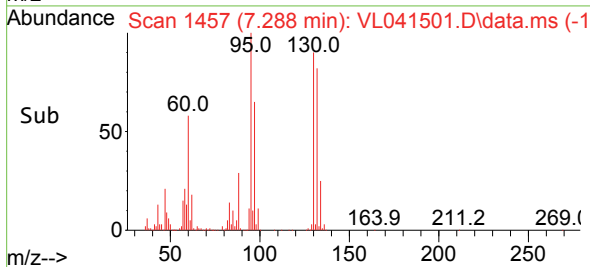
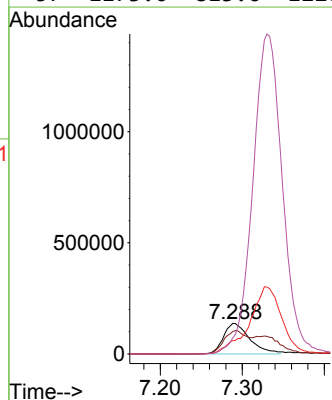
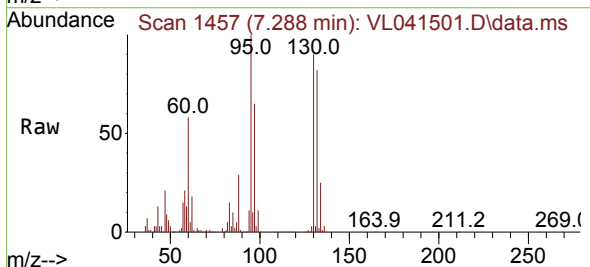
Ion Ratio Lower Upper

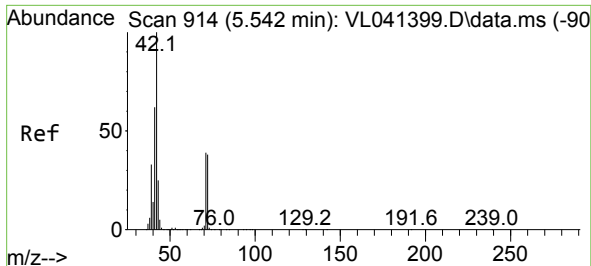
88 100

58 130.6 95.8 143.6

43 270.1 188.2 282.2

57 1173.0 813.6 1220.4





#41

Tetrahydrofuran

Concen: 10.783 ppbv

RT: 5.558 min Scan# 914

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

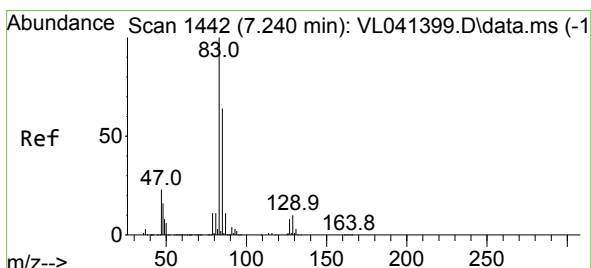
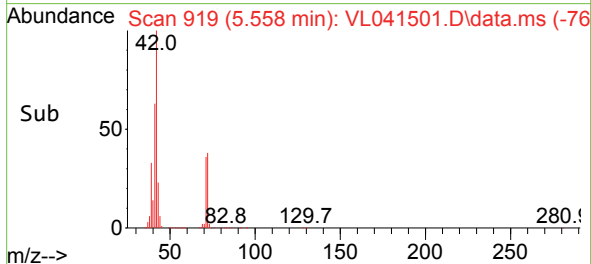
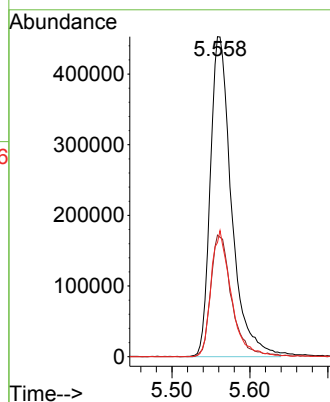
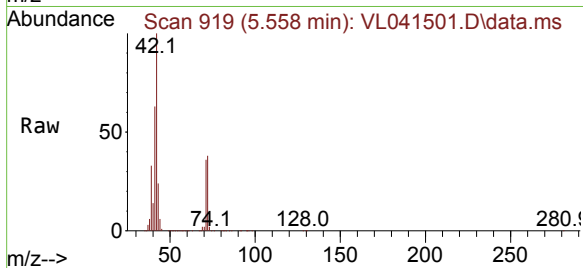
Tgt Ion: 42 Resp: 856663

Ion Ratio Lower Upper

42 100

72 38.1 31.2 46.8

71 37.9 30.5 45.7



#42

Bromodichloromethane

Concen: 10.153 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

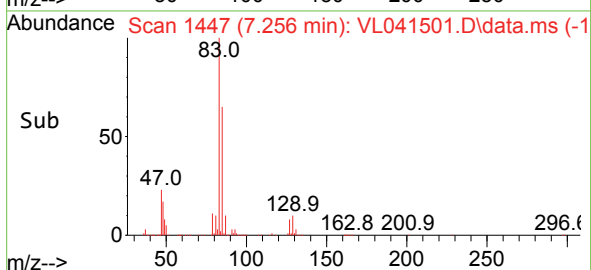
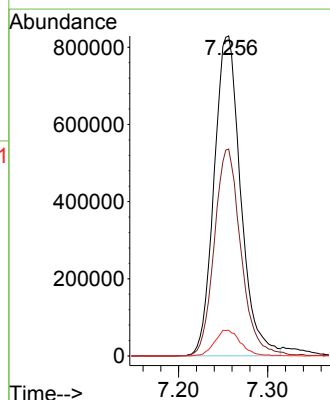
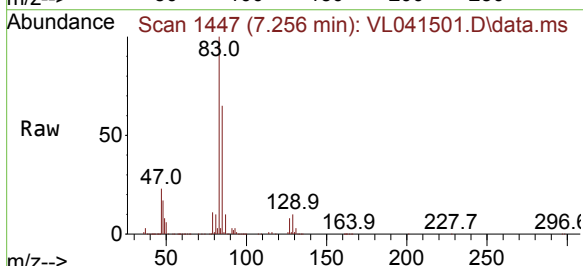
Tgt Ion: 83 Resp: 1721589

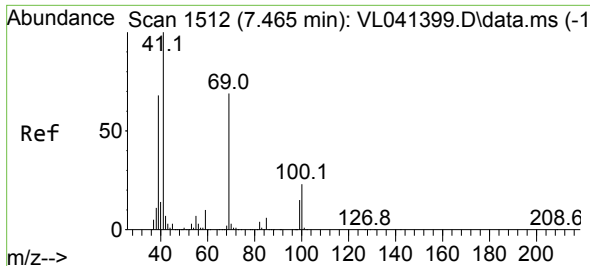
Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.0

127 8.1 6.7 10.1

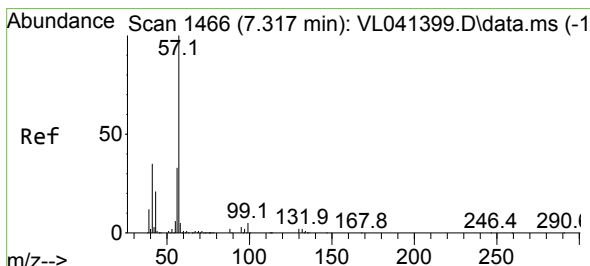
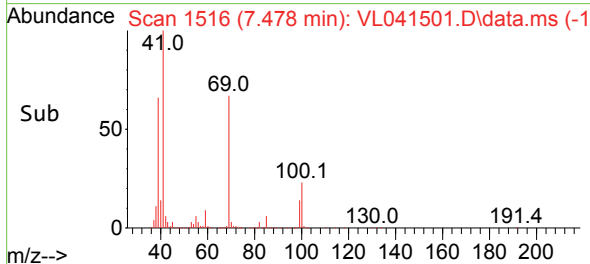
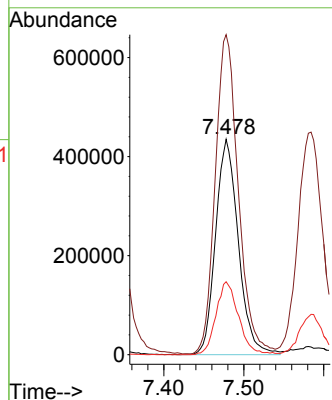
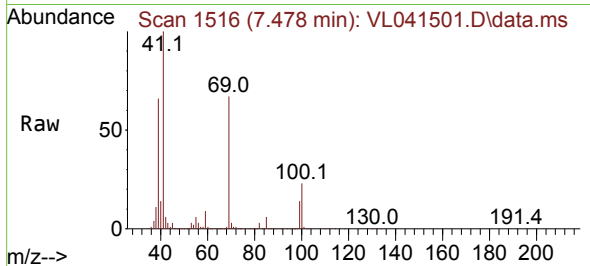




#43
Methyl Methacrylate
Concen: 11.427 ppbv
RT: 7.478 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

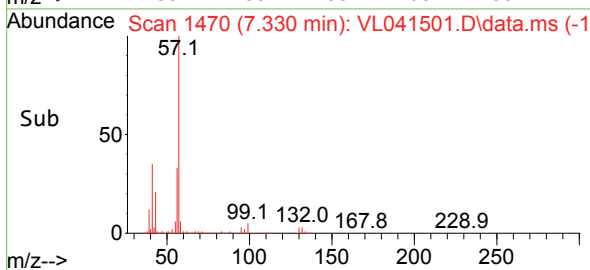
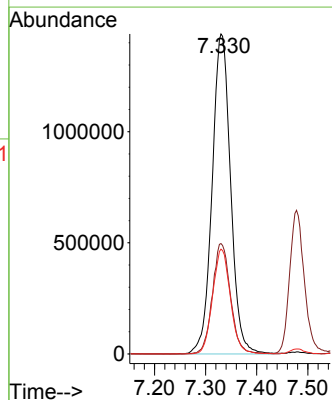
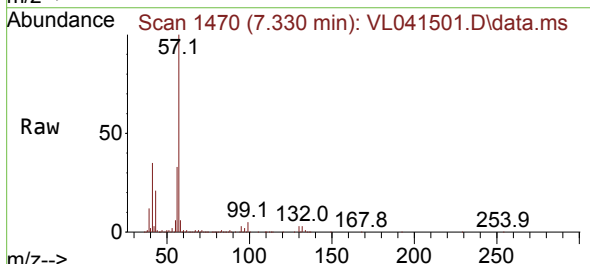
Instrument :
MSVOA_L
ClientSampleId :

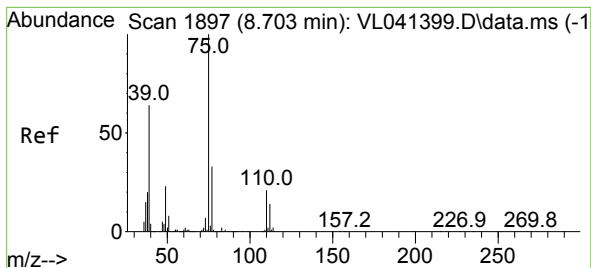
Tgt Ion: 69 Resp: 859779
Ion Ratio Lower Upper
69 100
41 150.5 118.7 178.1
100 33.5 27.0 40.4



#44
2,2,4-Trimethylpentane
Concen: 10.321 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 57 Resp: 3616874
Ion Ratio Lower Upper
57 100
41 33.9 27.0 40.6
56 31.7 25.2 37.8





#45

t-1,3-Dichloropropene

Concen: 12.455 ppbv

RT: 8.713 min Scan# 1897

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

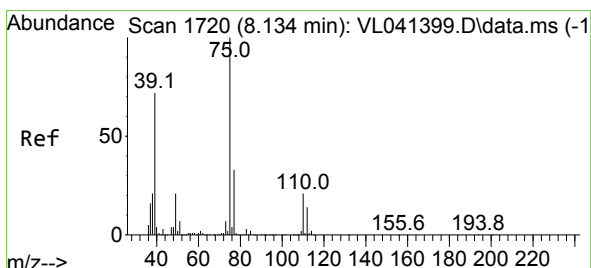
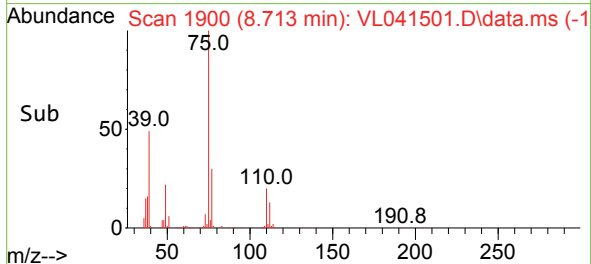
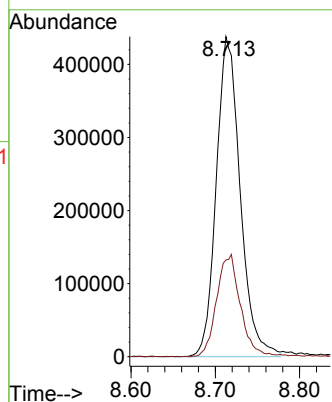
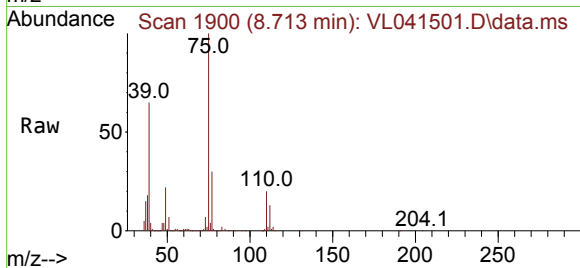
ClientSampleId :

Tgt Ion: 75 Resp: 862518

Ion Ratio Lower Upper

75 100

77 30.2 26.5 39.7



#46

cis-1,3-Dichloropropene

Concen: 11.763 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

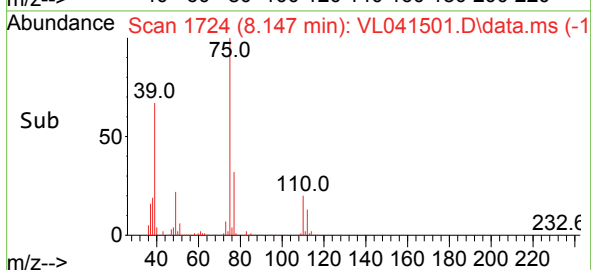
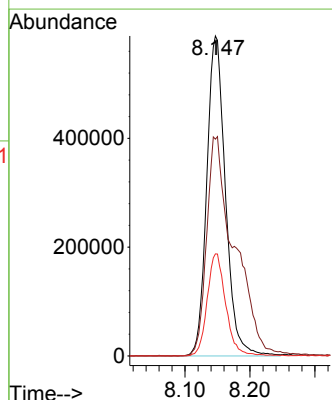
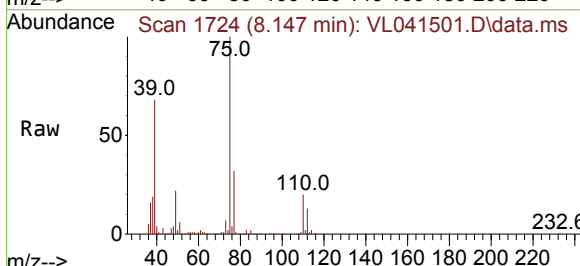
Tgt Ion: 75 Resp: 1176381

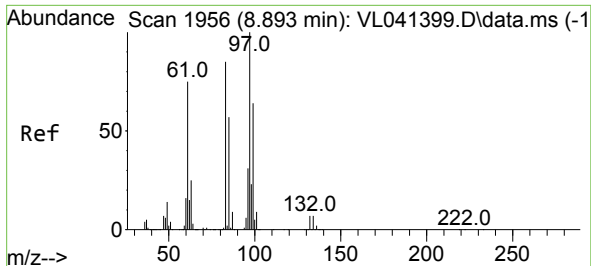
Ion Ratio Lower Upper

75 100

39 67.6 57.3 85.9

77 31.9 26.2 39.2





#47

1,1,2-Trichloroethane

Concen: 10.113 ppbv

RT: 8.902 min Scan# 1956

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 895437

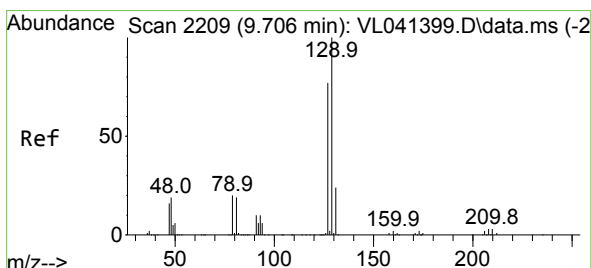
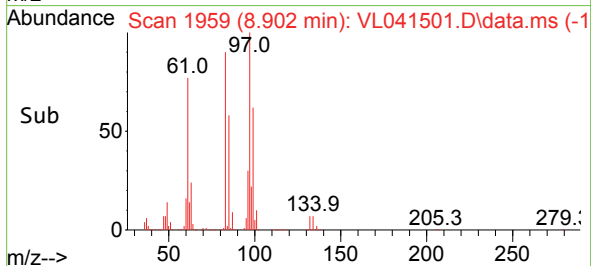
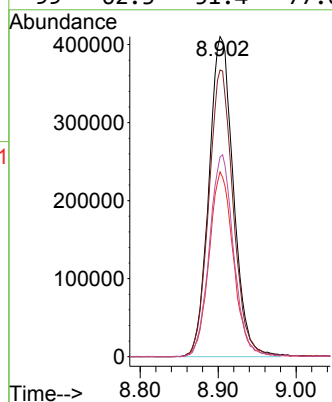
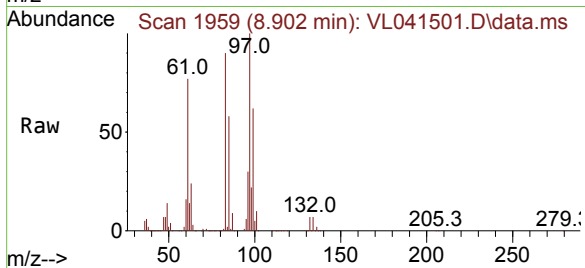
Ion Ratio Lower Upper

97 100

83 89.6 67.6 101.4

85 57.7 45.9 68.9

99 62.3 51.4 77.0



#48

Dibromochloromethane

Concen: 10.445 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. 0.007 min

Lab File: VL041501.D

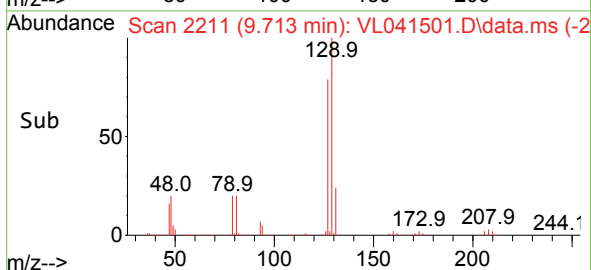
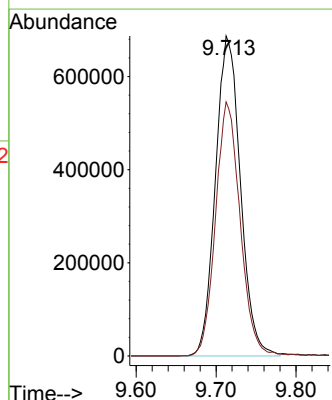
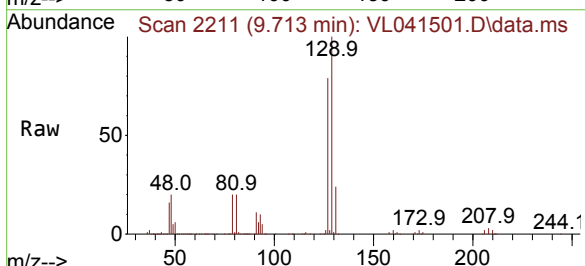
Acq: 5 Aug 2024 15:32

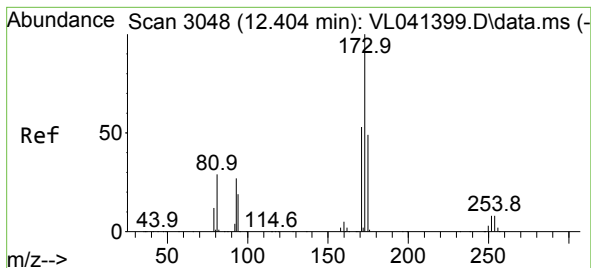
Tgt Ion: 129 Resp: 1489985

Ion Ratio Lower Upper

129 100

127 78.5 39.3 117.8





#49

Bromoform

Concen: 10.871 ppbv

RT: 12.413 min Scan# 3048

Delta R.T. 0.013 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

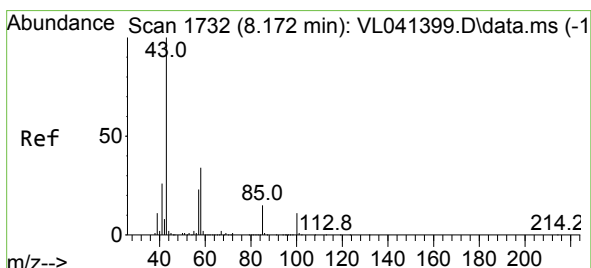
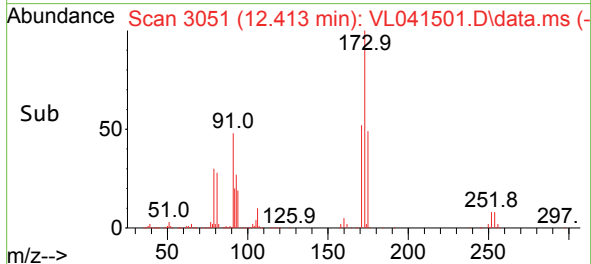
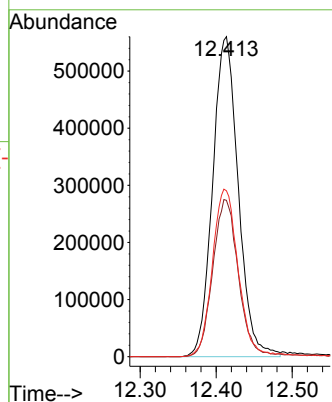
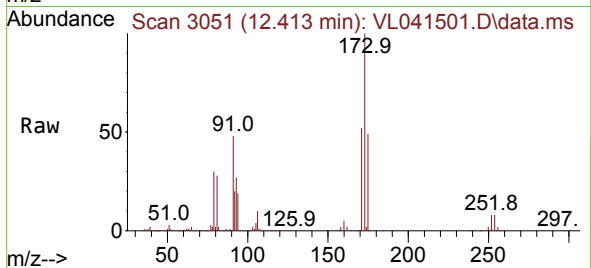
Tgt Ion:173 Resp: 1309948

Ion Ratio Lower Upper

173 100

175 50.1 39.9 59.9

171 53.5 41.7 62.5



#50

4-Methyl-2-Pentanone

Concen: 10.933 ppbv

RT: 8.182 min Scan# 1735

Delta R.T. 0.007 min

Lab File: VL041501.D

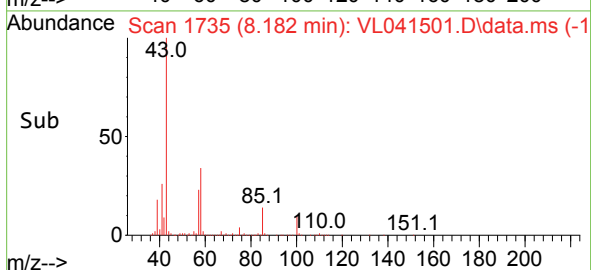
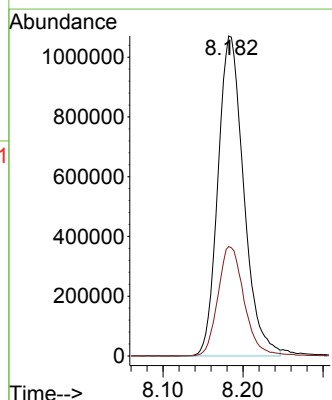
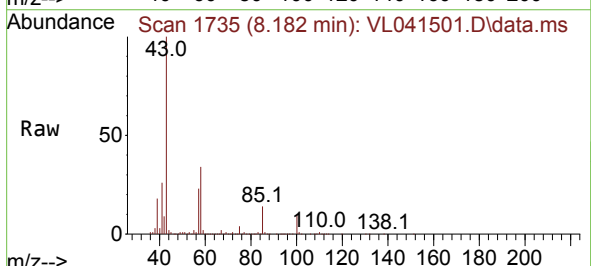
Acq: 5 Aug 2024 15:32

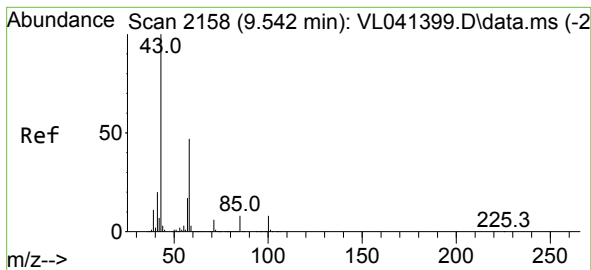
Tgt Ion: 43 Resp: 2395955

Ion Ratio Lower Upper

43 100

58 35.0 27.9 41.9

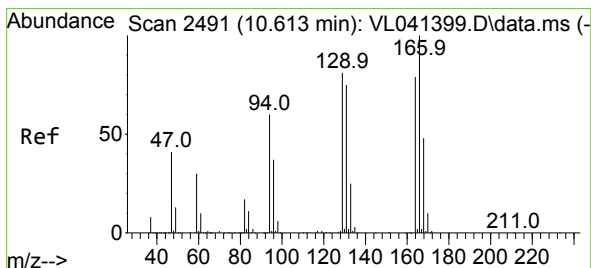
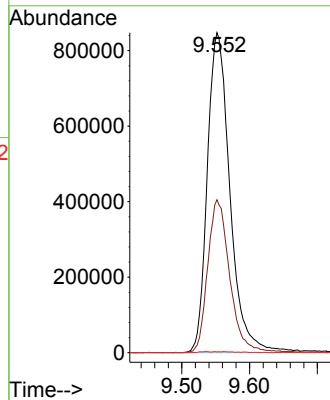
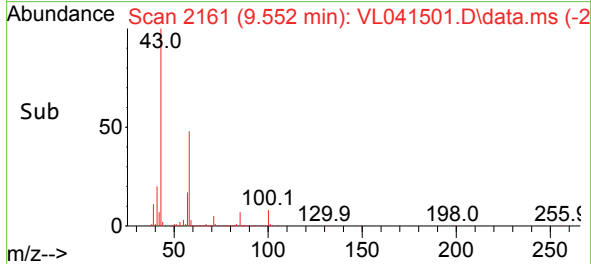
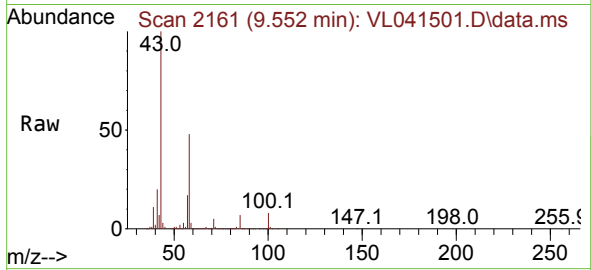




#51
2-Hexanone
Concen: 11.820 ppbv
RT: 9.552 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

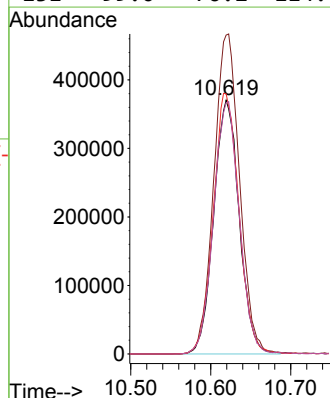
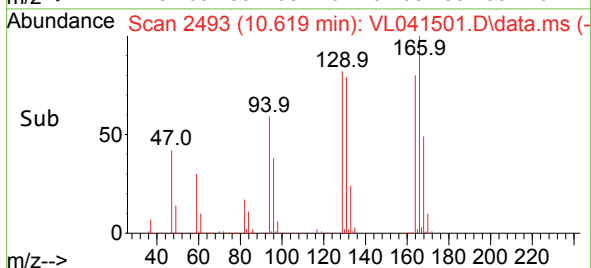
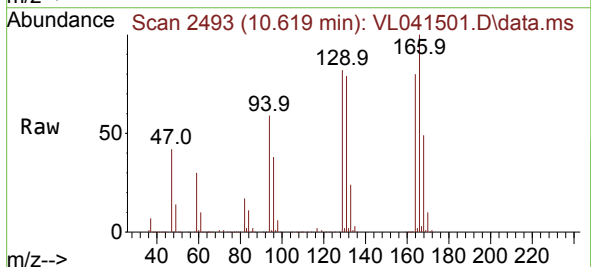
Instrument :
MSVOA_L
ClientSampleId :

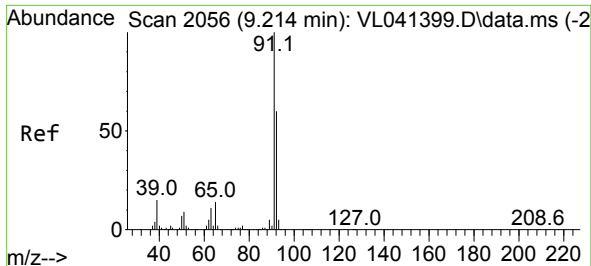
Tgt Ion: 43 Resp: 1958657
Ion Ratio Lower Upper
43 100
58 47.1 38.2 57.2
98 0.6 0.3 0.5#



#52
Tetrachloroethene
Concen: 10.084 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion:164 Resp: 817587
Ion Ratio Lower Upper
164 100
166 125.7 101.1 151.7
129 102.5 81.7 122.5
131 99.0 76.2 114.4

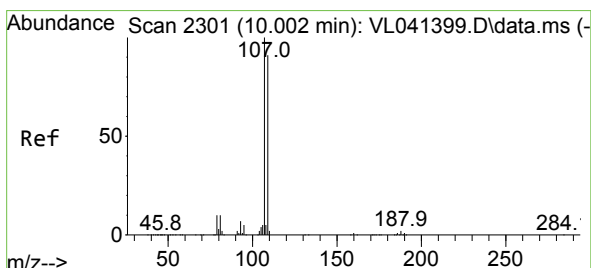
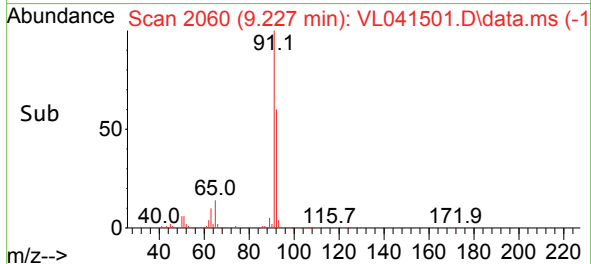
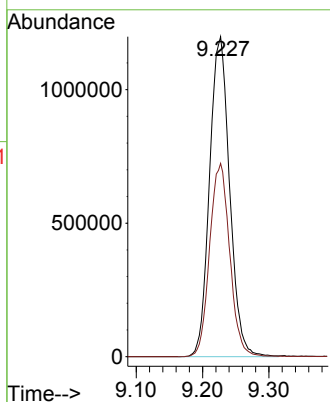
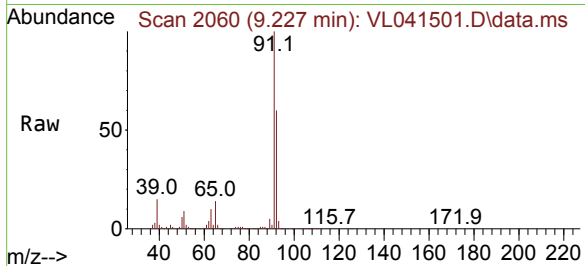




#53
Toluene
Concen: 10.788 ppbv
RT: 9.227 min Scan# 2056
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

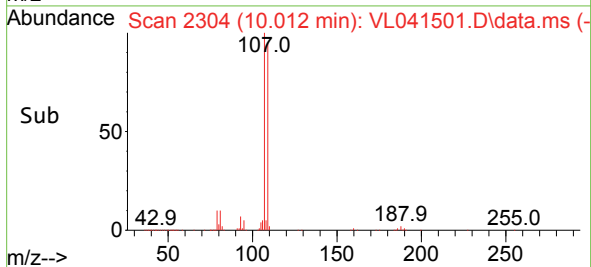
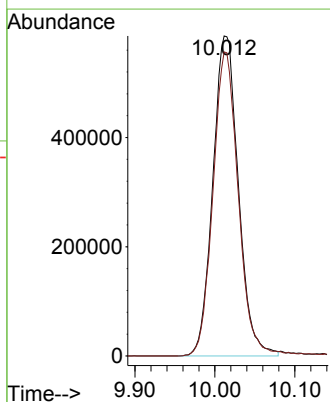
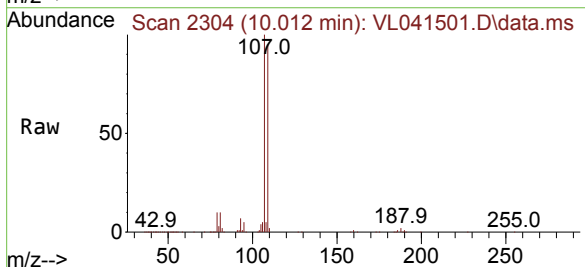
Instrument :
MSVOA_L
ClientSampleId :

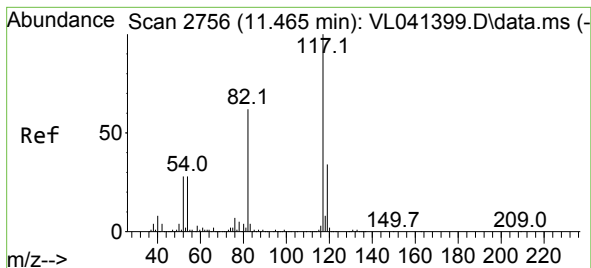
Tgt Ion: 91 Resp: 2521227
Ion Ratio Lower Upper
91 100
92 60.5 48.7 73.1



#54
1,2-Dibromoethane
Concen: 11.029 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion: 107 Resp: 1299818
Ion Ratio Lower Upper
107 100
109 95.0 72.7 109.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.471 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

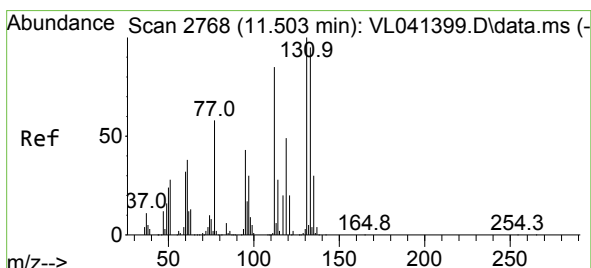
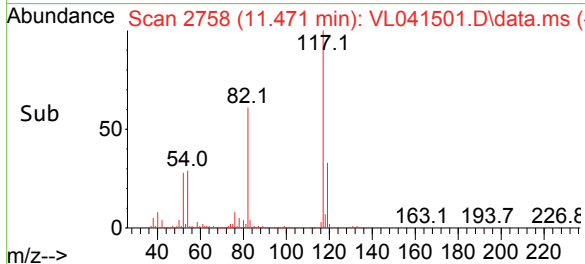
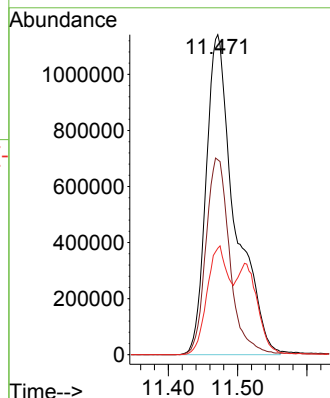
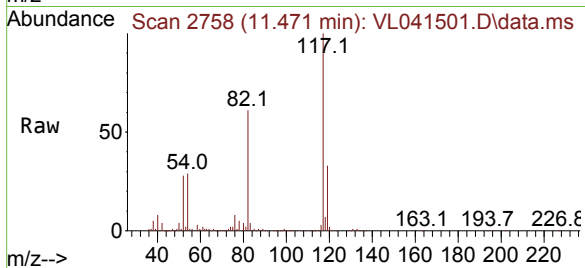
Tgt Ion:117 Resp: 3298753

Ion Ratio Lower Upper

117 100

82 51.7 51.0 76.6

119 27.8 45.2 67.8#



#56

1,1,1,2-Tetrachloroethane

Concen: 8.588 ppbv

RT: 11.513 min Scan# 2771

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

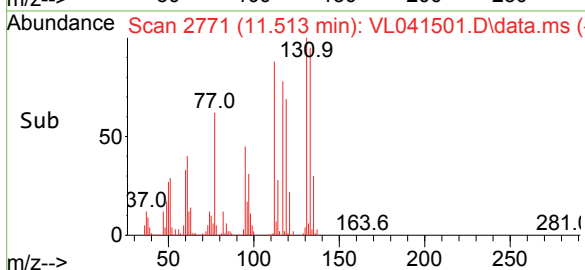
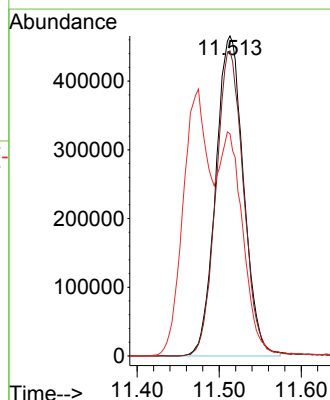
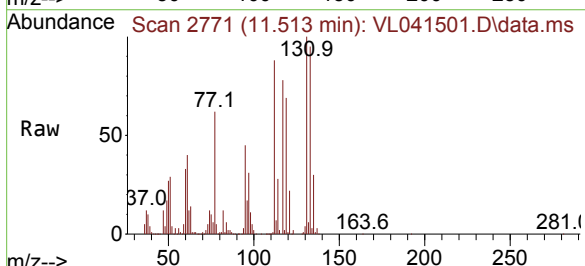
Tgt Ion:131 Resp: 1098631

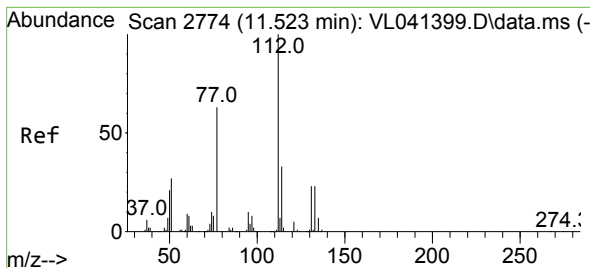
Ion Ratio Lower Upper

131 100

133 95.6 77.0 115.4

119 62.7 121.5 182.3#





#57

Chlorobenzene

Concen: 8.384 ppbv

RT: 11.532 min Scan# 21

Delta R.T. 0.013 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

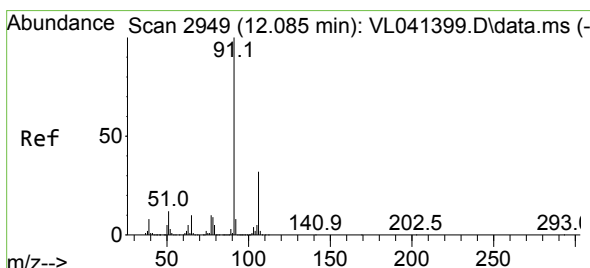
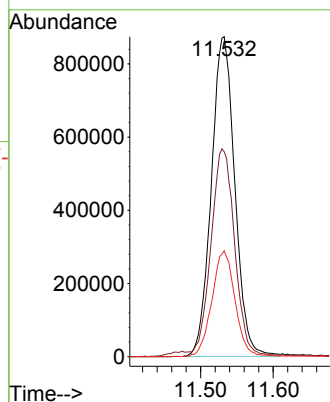
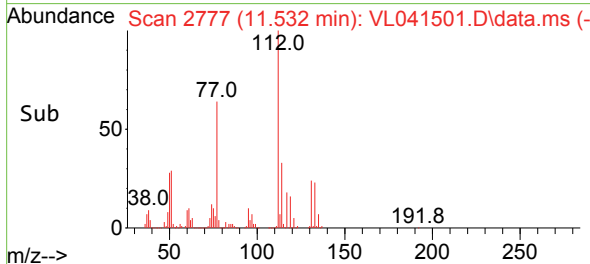
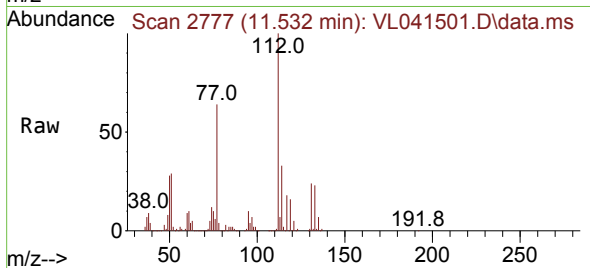
Tgt Ion:112 Resp: 1969123

Ion Ratio Lower Upper

112 100

77 63.5 51.1 76.7

114 33.1 29.5 36.1



#58

Ethyl Benzene

Concen: 8.986 ppbv

RT: 12.092 min Scan# 2951

Delta R.T. 0.007 min

Lab File: VL041501.D

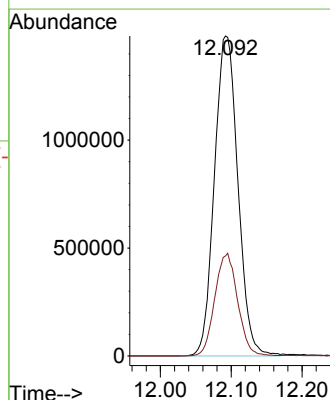
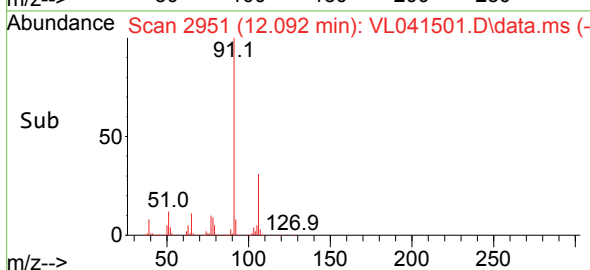
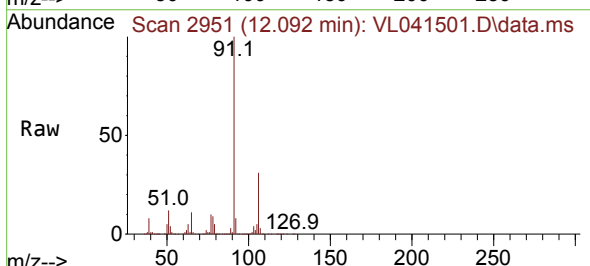
Acq: 5 Aug 2024 15:32

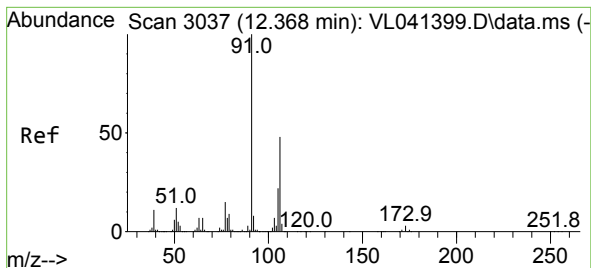
Tgt Ion: 91 Resp: 3416674

Ion Ratio Lower Upper

91 100

106 31.2 25.8 38.8





#59

m/p-Xylene

Concen: 7.842 ppbv

RT: 12.378 min Scan# 3037

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

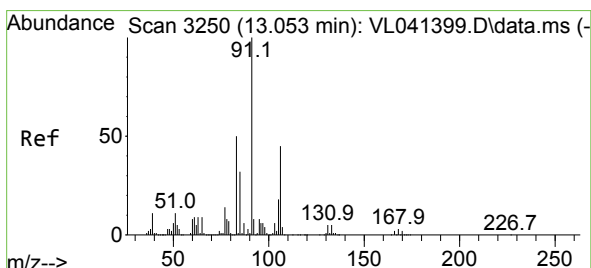
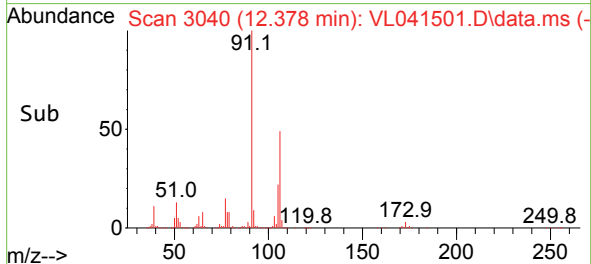
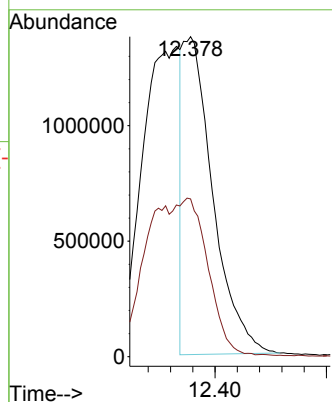
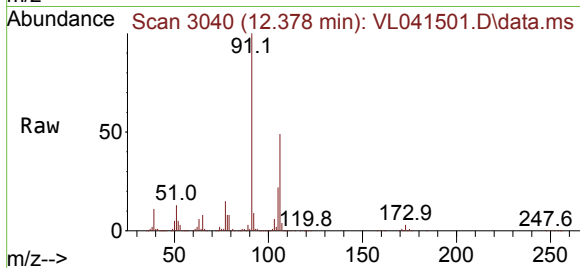
ClientSampleId :

Tgt Ion: 91 Resp: 2573811

Ion Ratio Lower Upper

91 100

106 103.5 36.3 54.5#



#60

o-Xylene

Concen: 8.941 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. 0.010 min

Lab File: VL041501.D

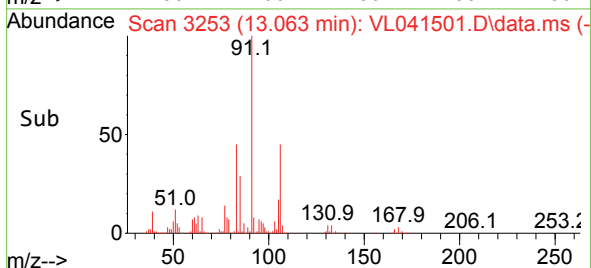
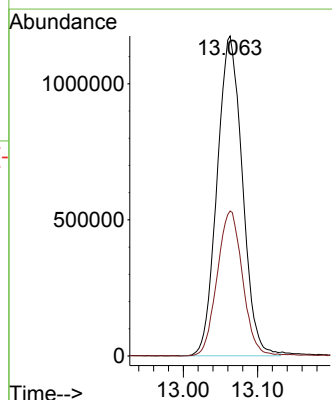
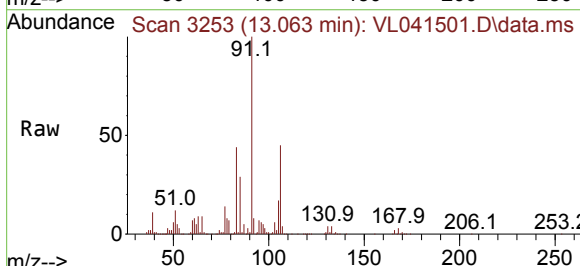
Acq: 5 Aug 2024 15:32

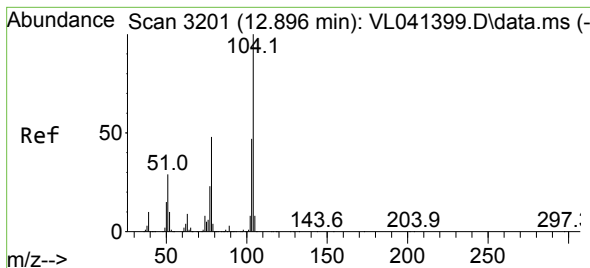
Tgt Ion: 91 Resp: 2776012

Ion Ratio Lower Upper

91 100

106 46.3 23.1 69.3





#61

Styrene

Concen: 9.798 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

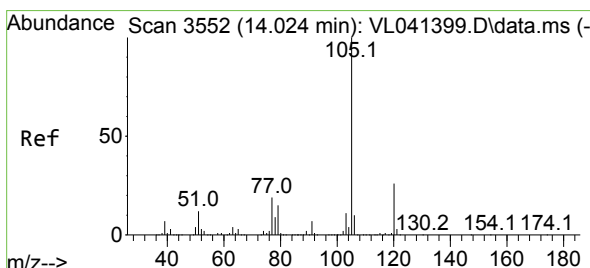
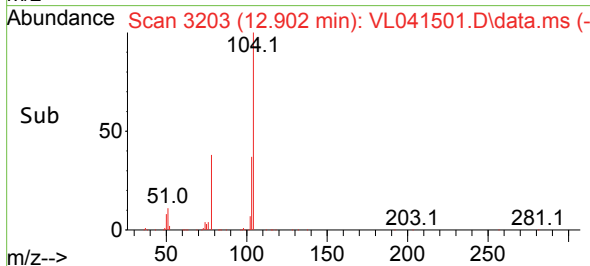
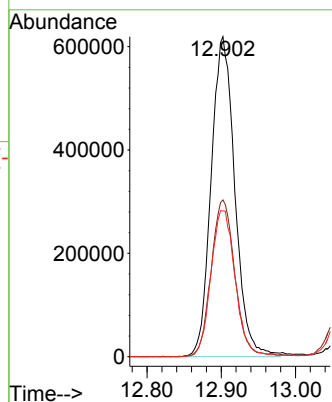
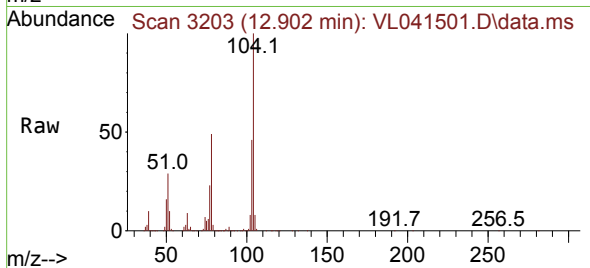
Tgt Ion:104 Resp: 1372403

Ion Ratio Lower Upper

104 100

78 49.3 40.8 61.2

103 47.1 38.2 57.4



#62

Isopropylbenzene

Concen: 8.597 ppbv

RT: 14.034 min Scan# 3555

Delta R.T. 0.013 min

Lab File: VL041501.D

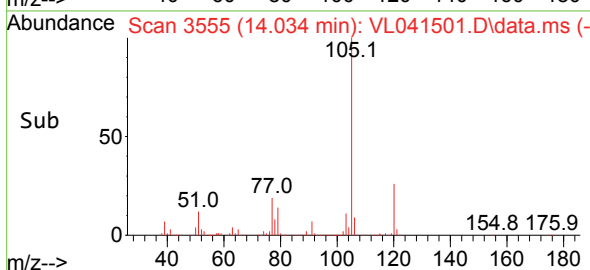
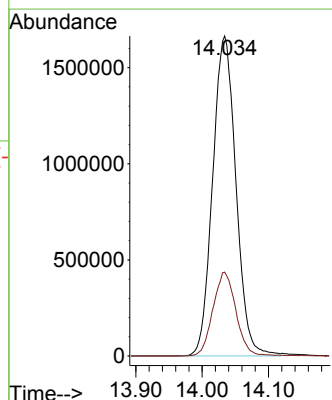
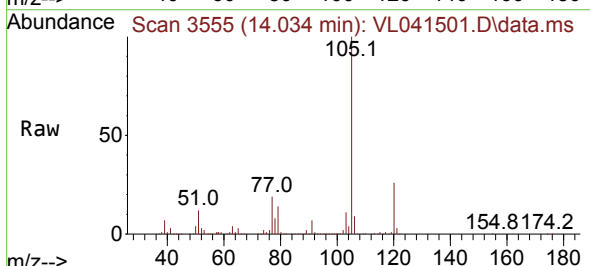
Acq: 5 Aug 2024 15:32

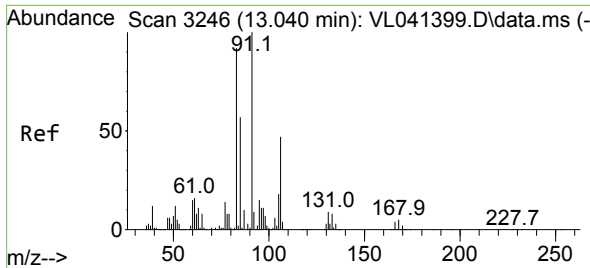
Tgt Ion:105 Resp: 4057993

Ion Ratio Lower Upper

105 100

120 26.0 21.0 31.4

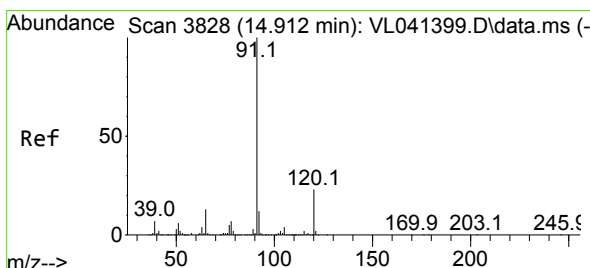
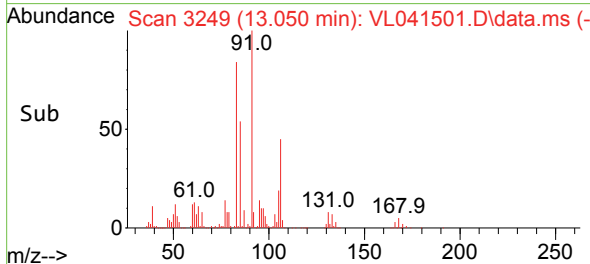
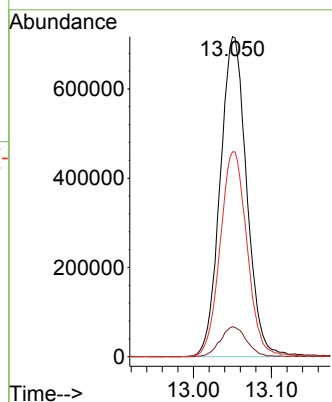
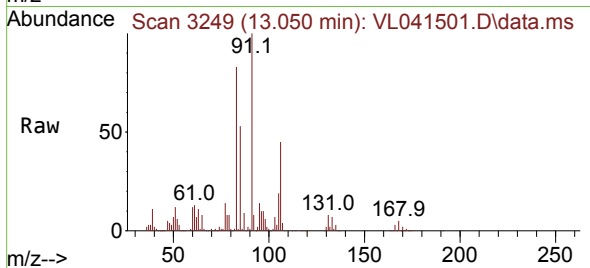




#63
1,1,2,2-Tetrachloroethane
Concen: 8.611 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

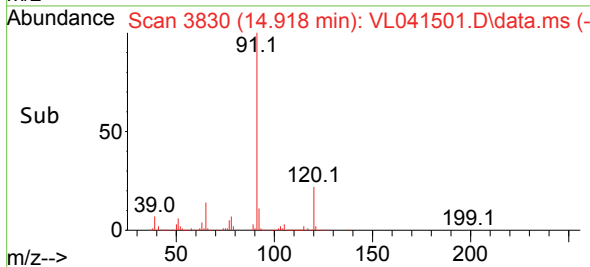
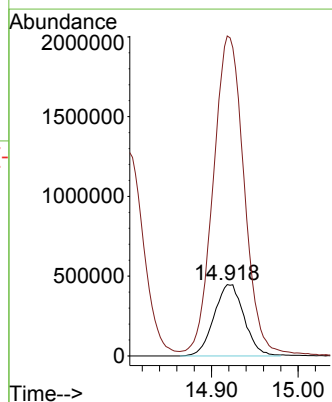
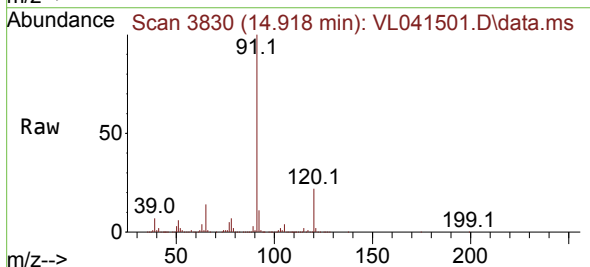
Instrument :
MSVOA_L
ClientSampleId :

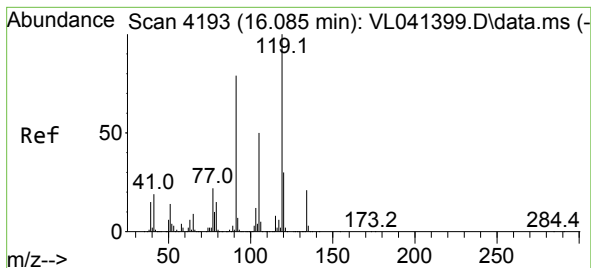
Tgt Ion: 83 Resp: 1688321
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.0 32.6 98.0



#64
n-propylbenzene
Concen: 8.727 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.007 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion:120 Resp: 1076976
Ion Ratio Lower Upper
120 100
91 466.6 361.4 542.0





#65

tert-Butylbenzene

Concen: 8.605 ppbv

RT: 16.092 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

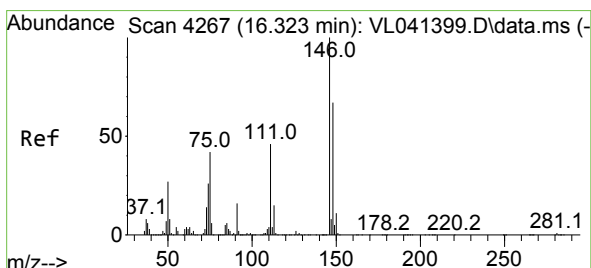
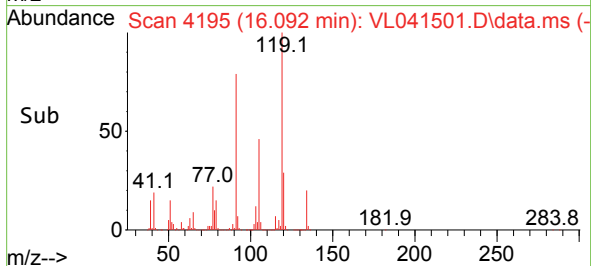
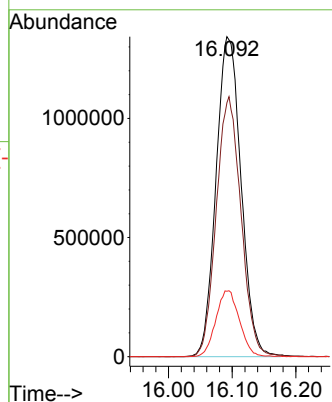
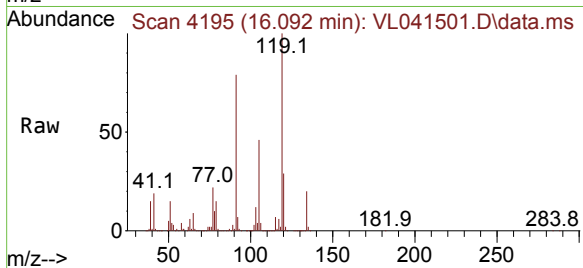
Tgt Ion:119 Resp: 3668677

Ion Ratio Lower Upper

119 100

91 80.4 64.2 96.2

134 19.5 15.7 23.5



#66

Benzyl Chloride

Concen: 10.588 ppbv

RT: 16.326 min Scan# 4268

Delta R.T. 0.007 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

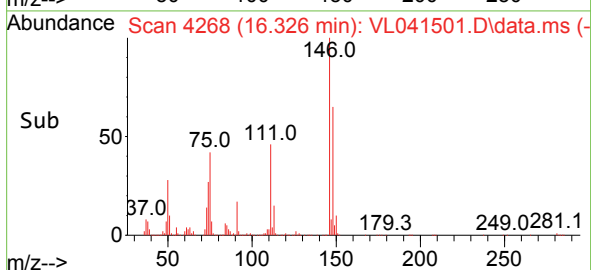
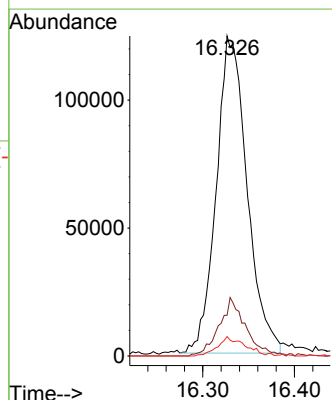
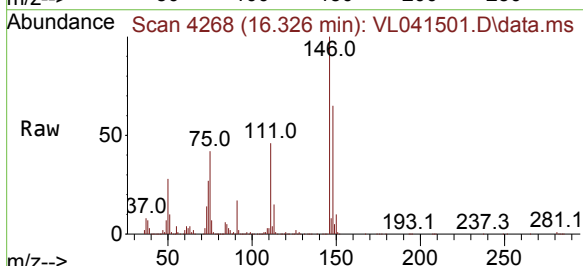
Tgt Ion: 91 Resp: 289538

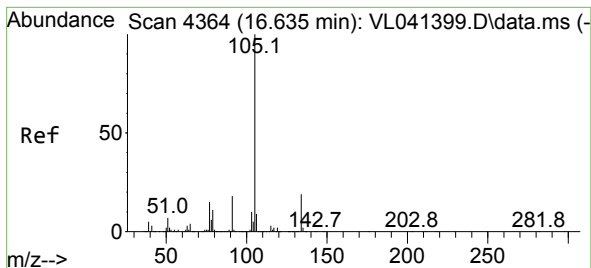
Ion Ratio Lower Upper

91 100

126 16.1 13.8 20.8

128 5.6 4.4 6.6





#67

sec-Butylbenzene

Concen: 8.698 ppbv

RT: 16.638 min Scan# 41

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

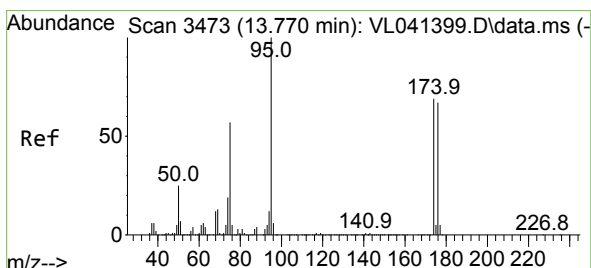
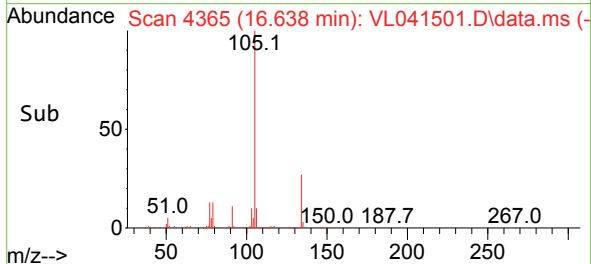
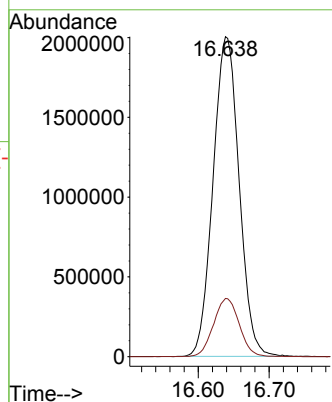
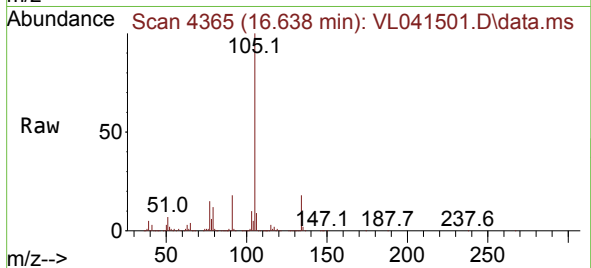
ClientSampleId :

Tgt Ion:105 Resp: 5109400

Ion Ratio Lower Upper

105 100

134 18.1 14.5 21.7



#68

1-Bromo-4-Fluorobenzene

Concen: 7.976 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

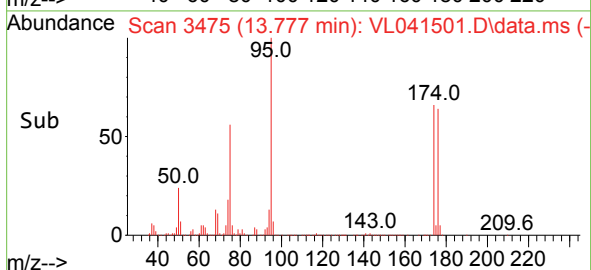
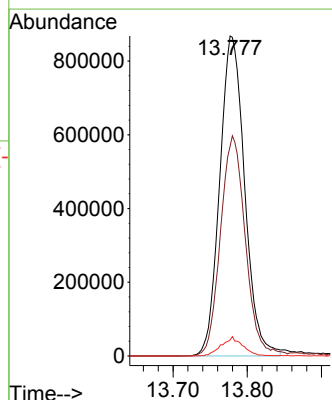
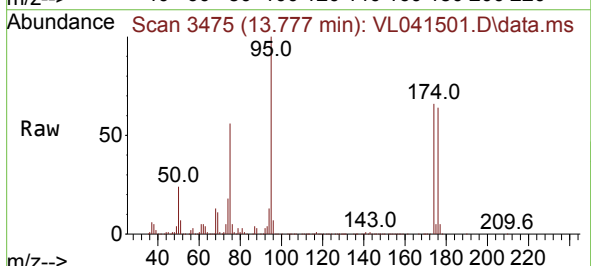
Tgt Ion: 95 Resp: 2024809

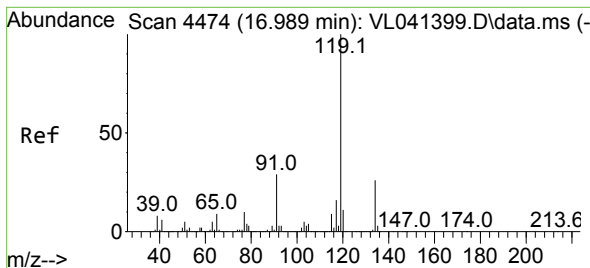
Ion Ratio Lower Upper

95 100

174 70.2 56.3 84.5

175 5.3 4.0 6.0





#69

p-Isopropyltoluene

Concen: 8.863 ppbv

RT: 16.998 min Scan# 4474

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

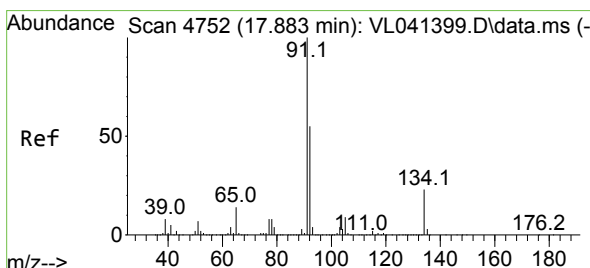
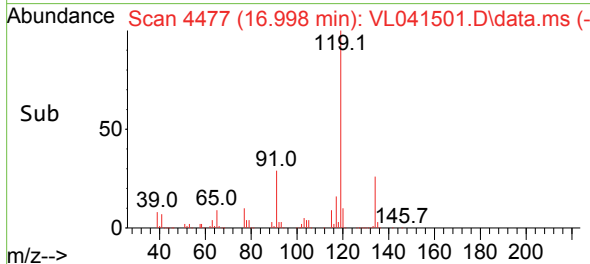
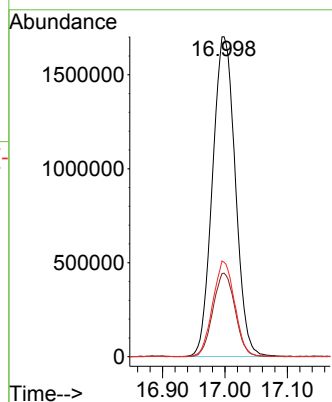
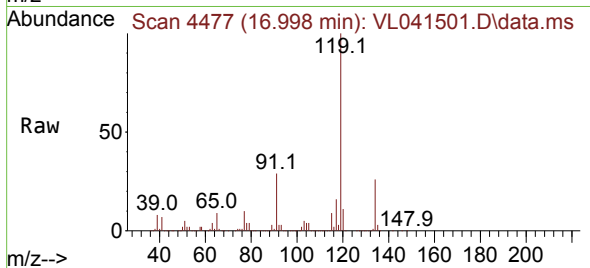
Tgt Ion:119 Resp: 4320207

Ion Ratio Lower Upper

119 100

134 25.5 20.5 30.7

91 28.7 23.2 34.8



#70

n-Butylbenzene

Concen: 8.892 ppbv

RT: 17.889 min Scan# 4754

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

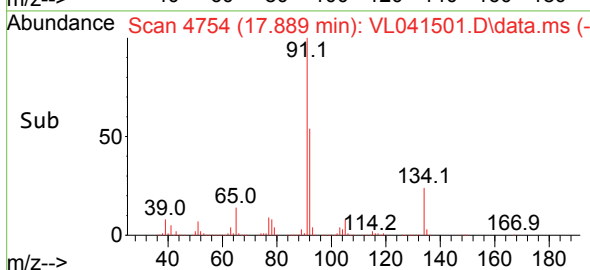
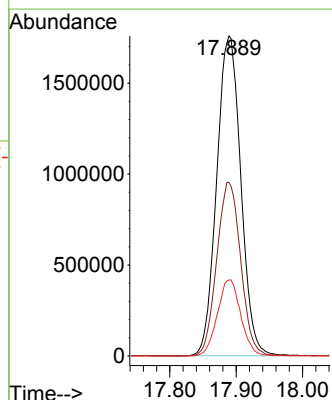
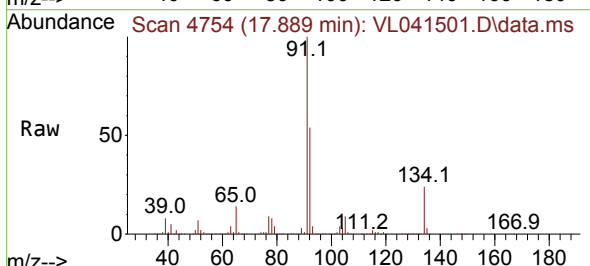
Tgt Ion: 91 Resp: 4442990

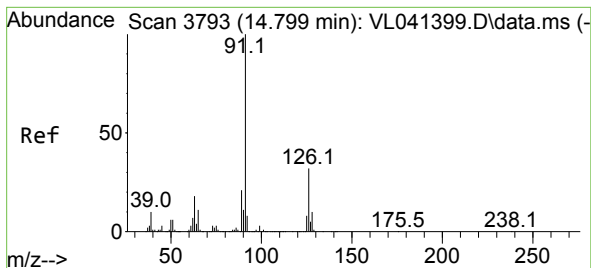
Ion Ratio Lower Upper

91 100

92 53.9 43.2 64.8

134 23.2 18.5 27.7

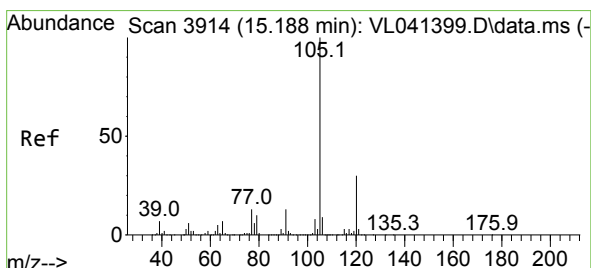
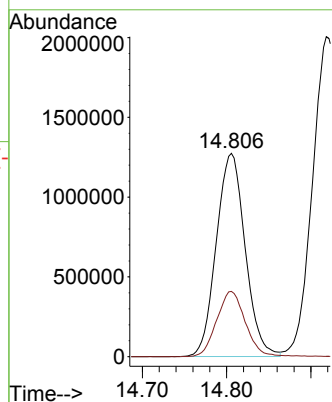
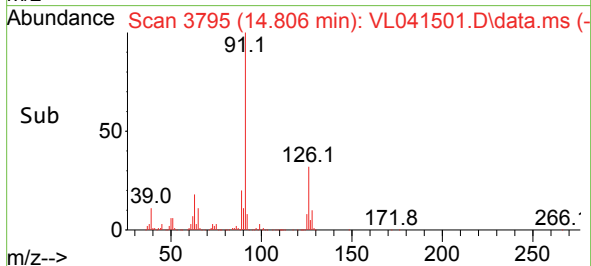
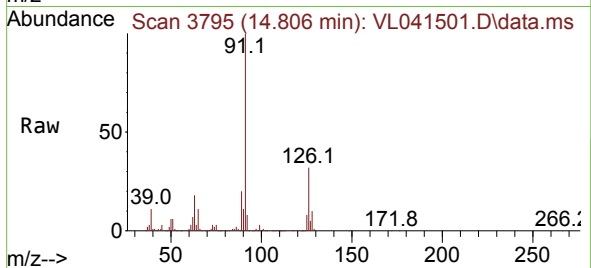




#71
2-Chlorotoluene
Concen: 8.715 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

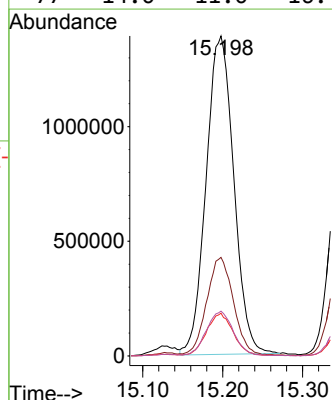
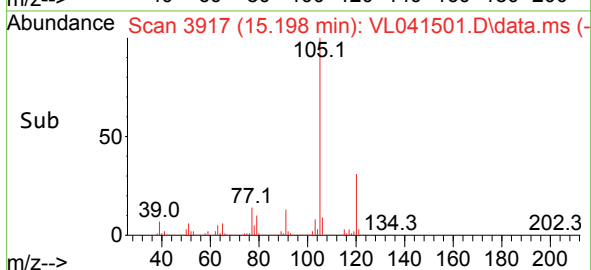
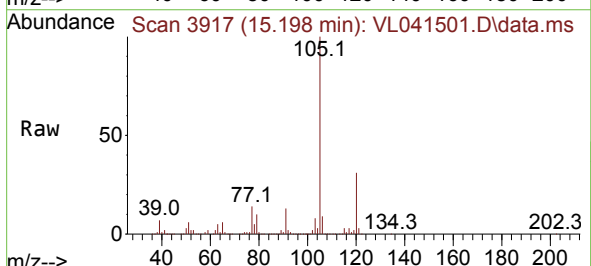
Instrument :
MSVOA_L
ClientSampleId :

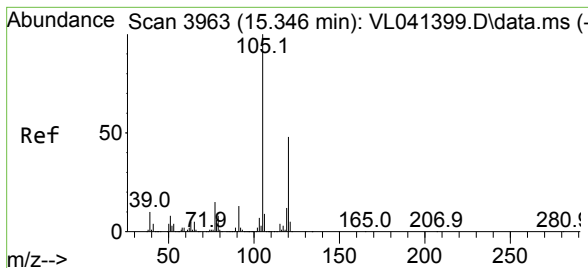
Tgt Ion: 91 Resp: 3033544
Ion Ratio Lower Upper
91 100
126 32.4 12.7 50.9



#72
4-Ethyltoluene
Concen: 9.129 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

Tgt Ion:105 Resp: 3337124
Ion Ratio Lower Upper
105 100
120 31.3 24.2 36.2
91 13.1 10.4 15.6
77 14.0 11.0 16.4





#73

1,3,5-Trimethylbenzene

Concen: 9.152 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

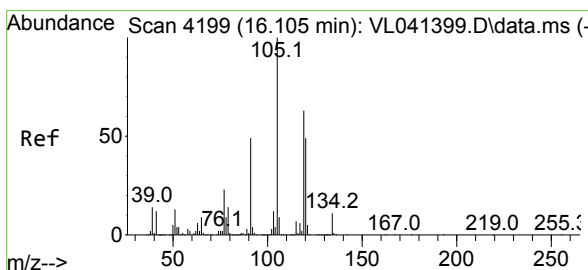
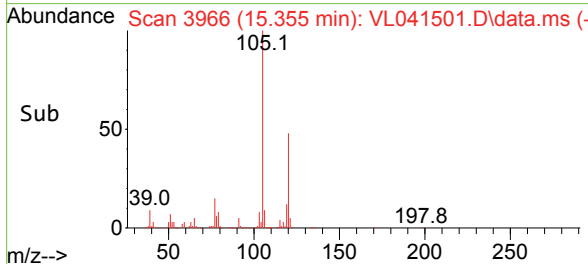
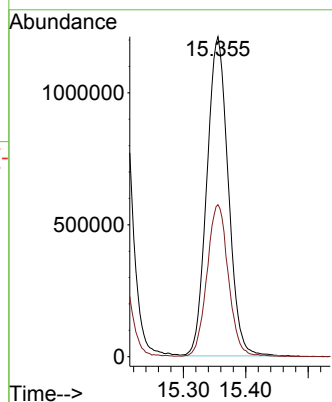
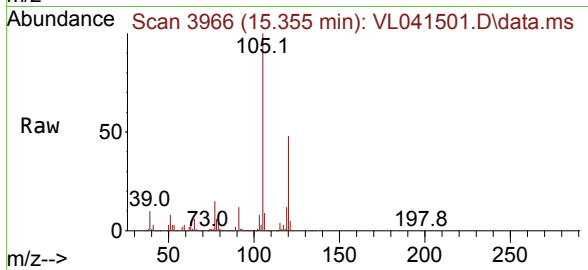
ClientSampleId :

Tgt Ion:105 Resp: 2882009

Ion Ratio Lower Upper

105 100

120 47.5 38.6 57.8



#74

1,2,4-Trimethylbenzene

Concen: 8.773 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.010 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Tgt Ion:105 Resp: 3211840

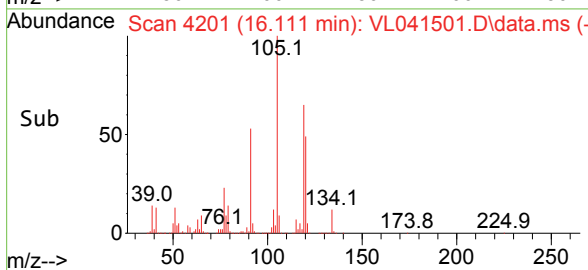
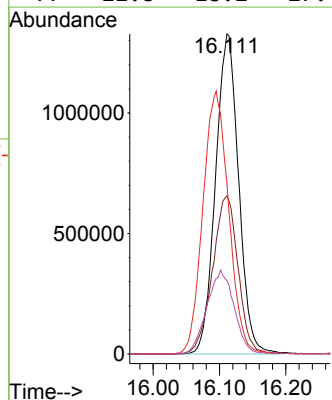
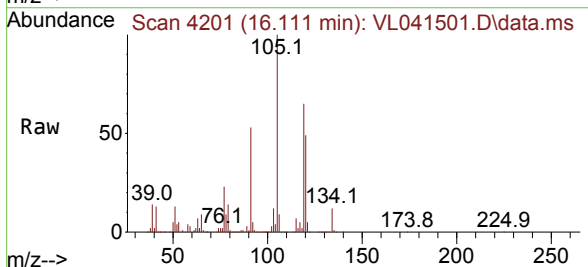
Ion Ratio Lower Upper

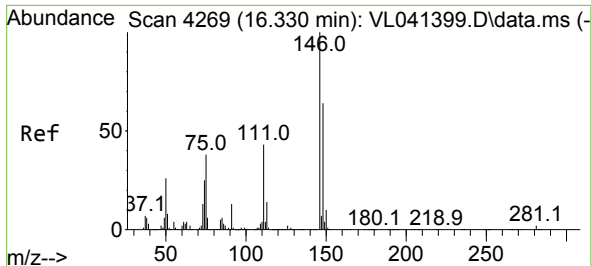
105 100

120 49.2 39.5 59.3

91 53.2 39.8 59.8

77 22.8 18.2 27.4

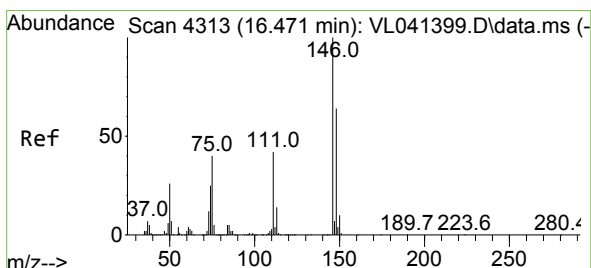
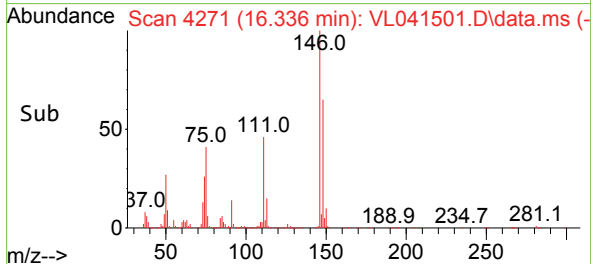
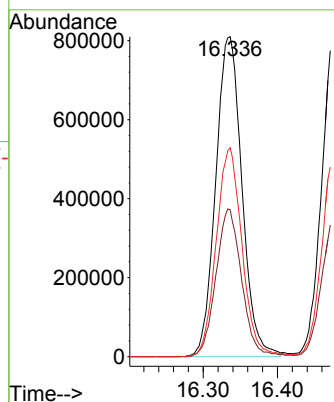
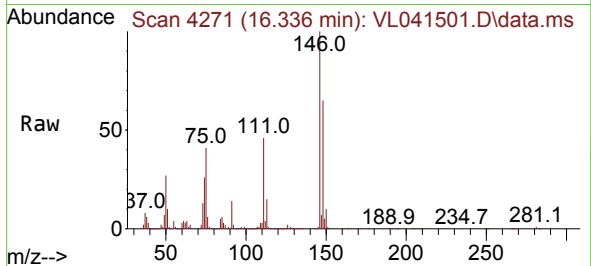




#75
1,3-Dichlorobenzene
Concen: 8.642 ppbv
RT: 16.336 min Scan# 4315
Delta R.T. 0.013 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

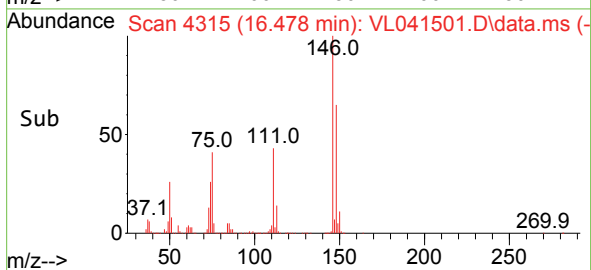
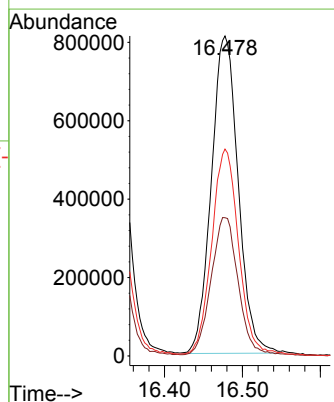
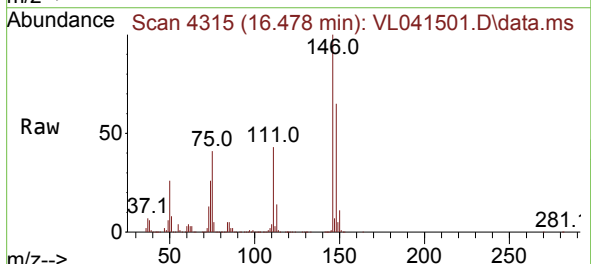
Instrument :
MSVOA_L
ClientSampleId :

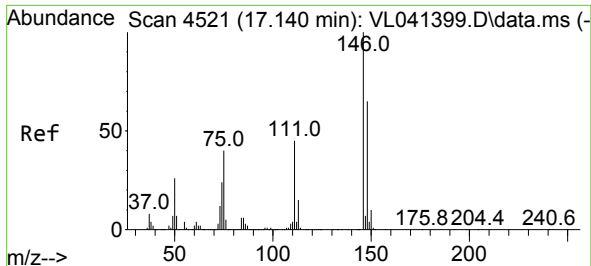
Tgt Ion:146 Resp: 1988978
Ion Ratio Lower Upper
146 100
111 45.2 22.6 67.8
148 64.1 32.3 96.8



#76
1,4-Dichlorobenzene
Concen: 8.699 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. 0.013 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

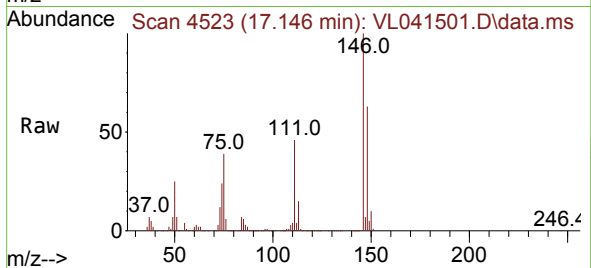
Tgt Ion:146 Resp: 1938595
Ion Ratio Lower Upper
146 100
111 44.6 22.4 67.0
148 66.4 33.1 99.5



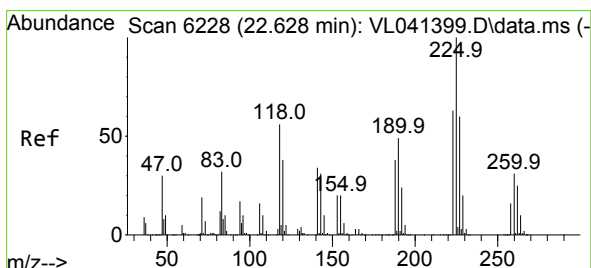
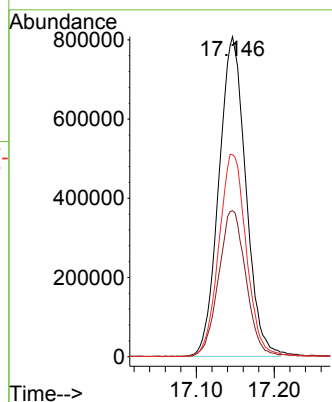
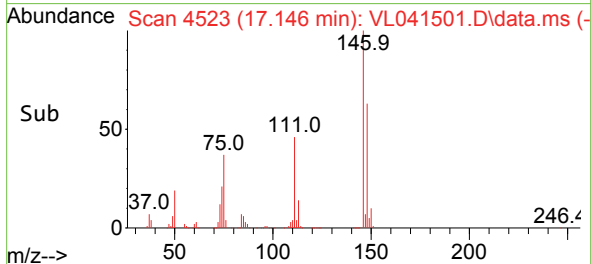


#77
1,2-Dichlorobenzene
Concen: 8.480 ppbv
RT: 17.146 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32

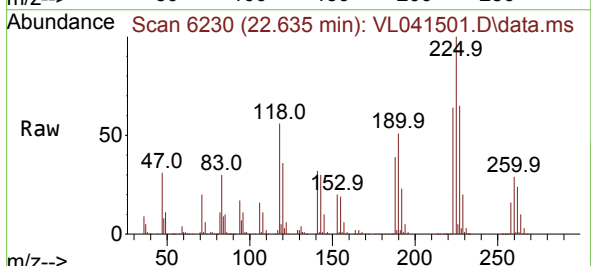
Instrument :
MSVOA_L
ClientSampleId :



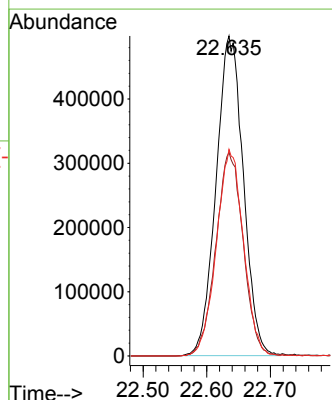
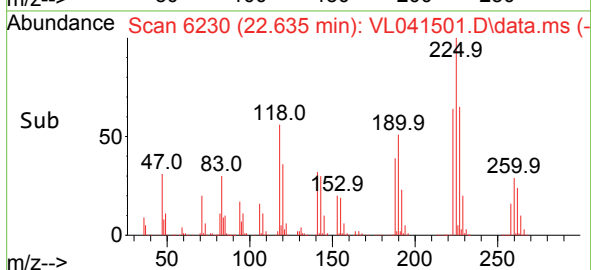
Tgt Ion:146 Resp: 1934600
Ion Ratio Lower Upper
146 100
111 46.7 23.4 70.0
148 64.9 32.2 96.6

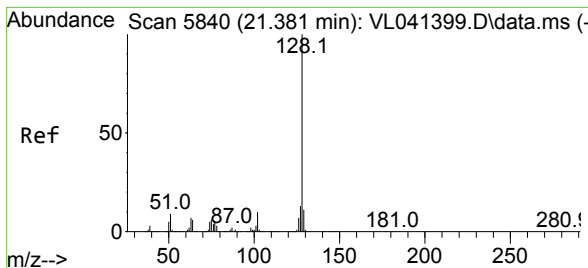


#78
Hexachloro-1,3-Butadiene
Concen: 7.623 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. 0.013 min
Lab File: VL041501.D
Acq: 5 Aug 2024 15:32



Tgt Ion:225 Resp: 1483142
Ion Ratio Lower Upper
225 100
223 63.9 50.6 76.0
227 64.1 50.8 76.2





#79

Naphthalene

Concen: 10.182 ppbv

RT: 21.384 min Scan# 5840

Delta R.T. 0.013 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

Instrument :

MSVOA_L

ClientSampleId :

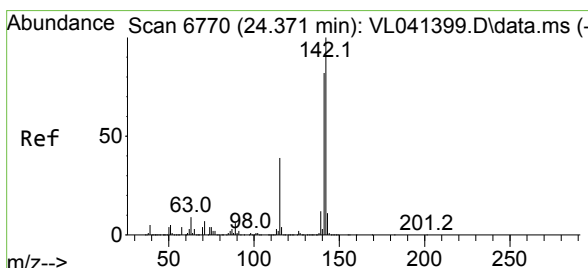
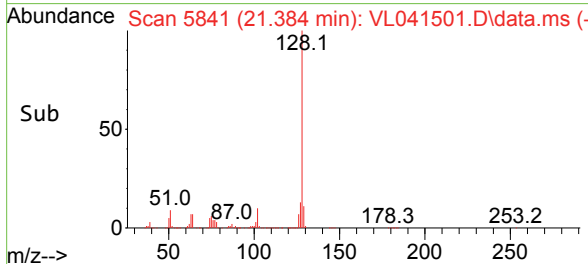
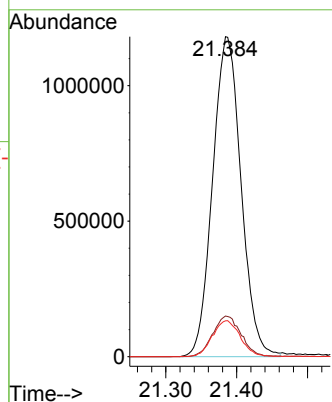
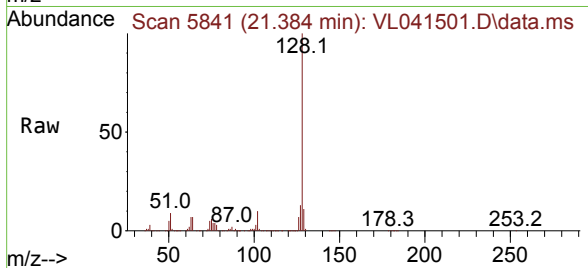
Tgt Ion:128 Resp: 3290255

Ion Ratio Lower Upper

128 100

127 12.6 10.3 15.5

129 11.2 9.0 13.4



#80

Naphthalene,2-methyl-

Concen: 10.434 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. 0.013 min

Lab File: VL041501.D

Acq: 5 Aug 2024 15:32

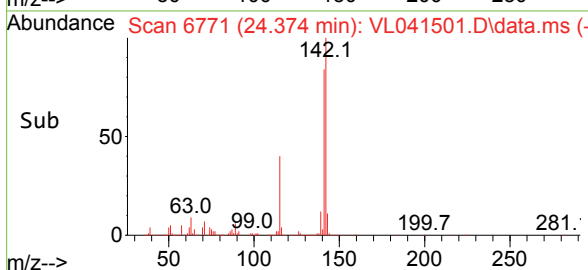
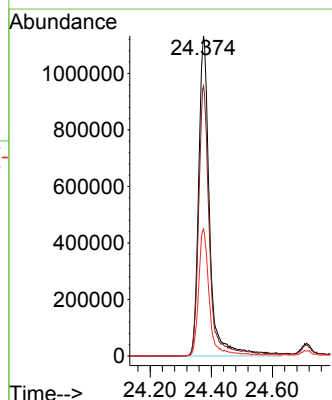
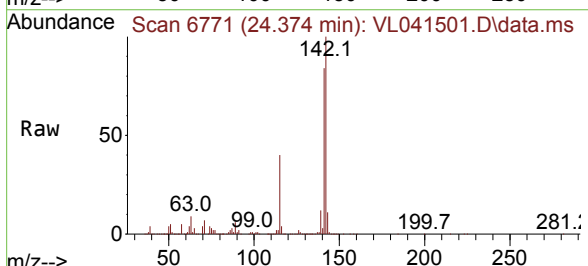
Tgt Ion:142 Resp: 2826370

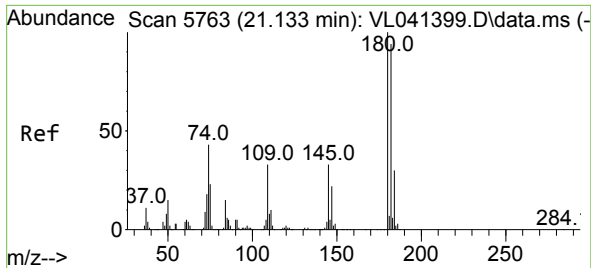
Ion Ratio Lower Upper

142 100

141 83.8 67.0 100.4

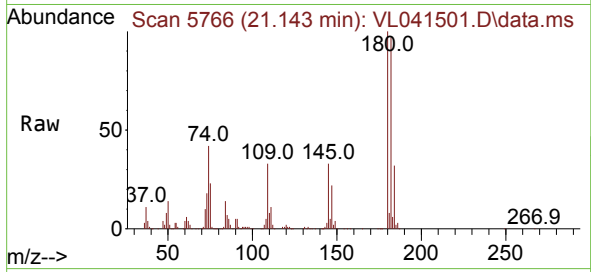
115 39.2 32.2 48.2





#81
 1,2,4-Trichlorobenzene
 Concen: 8.992 ppbv
 RT: 21.143 min Scan# 51
 Delta R.T. 0.013 min
 Lab File: VL041501.D
 Acq: 5 Aug 2024 15:32

Instrument :
 MSVOA_L
 ClientSampleId :



Tgt Ion:180 Resp: 1729097

Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.7	115.1
184	30.8	24.5	36.7

