

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041352.D
 Acq On : 26 Jun 2024 8:52
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 27 08:25:45 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M

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

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1132523	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2966888	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2859012	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.793 95 2125061 9.627 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.300%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.729	85	1616813	8.940 ppbv	99
3) Chlorodifluoromethane	2.674	51	1651022	9.225 ppbv	99
4) Chloromethane	2.816	50	643574	9.554 ppbv	100
5) Vinyl Chloride	2.922	62	670057	9.874 ppbv	96
6) Bromomethane	3.121	94	227907	9.445 ppbv	90
7) Chloroethane	3.201	64	225384	9.647 ppbv	92
8) Dichlorotetrafluoroethane	2.857	85	1600431	9.622 ppbv	97
9) Propene	2.693	41	578612	9.077 ppbv	99
10) Heptane	7.594	43	1406870	9.311 ppbv	97
11) Trichlorofluoromethane	3.568	101	1614273	9.710 ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.070	101	1129834	9.621 ppbv	97
13) Ethanol	3.250	45	95378	5.751 ppbv	84
14) Bromoethene	3.369	108	480398	10.108 ppbv	99
15) Acetone	3.472	43	1210430	9.361 ppbv	99
16) 1,3-Butadiene	2.986	39	675833	10.397 ppbv	100
17) tert-Butyl alcohol	3.886	59	1081178	9.082 ppbv	98
18) 1,1-Dichloroethene	3.886	96	525196	10.484 ppbv	92
19) Isopropyl Alcohol	3.584	45	700286	8.620 ppbv	99
20) Methylene Chloride	3.938	84	426808	9.081 ppbv	96
21) Allyl Chloride	4.002	41	813311	9.928 ppbv	99
22) trans-1,2-Dichloroethene	4.452	96	515481	9.874 ppbv	94
23) Vinyl Acetate	4.636	43	1391441	10.522 ppbv	99
24) 1,1-Dichloroethane	4.571	63	1116956	9.601 ppbv	99
25) Ethyl Acetate	5.214	43	2357976	9.218 ppbv	99
26) Hexane	5.221	57	1060983	9.223 ppbv	97
27) Carbon Disulfide	4.131	76	1363981	10.704 ppbv	99
28) Methyl tert-Butyl Ether	4.594	73	794331	9.316 ppbv	98
29) Chloroform	5.285	83	1596016	9.043 ppbv	98
30) Cyclohexane	6.613	84	875677	9.391 ppbv	98
31) cis-1,2-Dichloroethene	5.089	61	1052930	9.686 ppbv	99
32) 1,1,1-Trichloroethane	6.015	97	1599198	9.566 ppbv	100
34) 2-Butanone	4.796	43	1455357	10.239 ppbv	100
35) Carbon Tetrachloride	6.507	117	1657542	9.830 ppbv	97
36) Benzene	6.381	78	2191806	9.531 ppbv	98
37) 1,2-Dichloroethane	5.819	62	1264927	9.435 ppbv	100
38) Trichloroethene	7.307	130	839482	9.008 ppbv	96
39) 1,2-Dichloropropane	7.089	63	840834	9.182 ppbv	96
40) 1,4-Dioxane	7.298	88	237907	7.094 ppbv	# 1
41) Tetrahydrofuran	5.565	42	912778	9.870 ppbv	99
42) Bromodichloromethane	7.266	83	1787582	9.283 ppbv	98
43) Methyl Methacrylate	7.487	69	879859	10.042 ppbv	99
44) 2,2,4-Trimethylpentane	7.340	57	3657322	9.247 ppbv	99
45) t-1,3-Dichloropropene	8.725	75	603609	10.209 ppbv	97

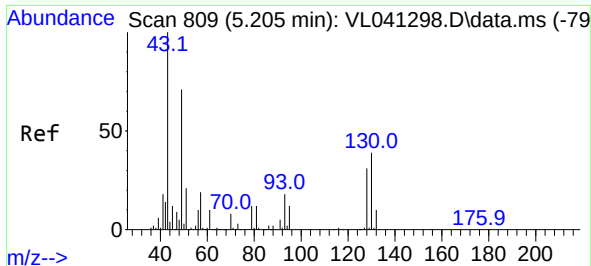
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062624\
 Data File : VL041352.D
 Acq On : 26 Jun 2024 8:52
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL062624AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Jun 12 01:18:29 2024
 Response via : Initial Calibration

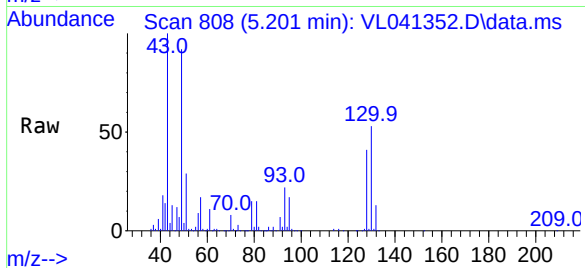
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.159	75	758294	9.964	ppbv	97
47) 1,1,2-Trichloroethane	8.912	97	894380	9.347	ppbv	97
48) Dibromochloromethane	9.729	129	1519271	9.634	ppbv	98
49) Bromoform	12.423	173	1242320	9.776	ppbv	98
50) 4-Methyl-2-Pentanone	8.195	43	2285377	9.713	ppbv	100
51) 2-Hexanone	9.568	43	1632814	9.764	ppbv #	99
52) Tetrachloroethene	10.632	164	779743	9.298	ppbv	99
53) Toluene	9.237	91	2573407	9.729	ppbv	99
54) 1,2-Dibromoethane	10.028	107	1184946	9.499	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.526	131	1107423	9.158	ppbv	99
57) Chlorobenzene	11.545	112	1898524	8.940	ppbv	99
58) Ethyl Benzene	12.105	91	3383570	9.233	ppbv	100
59) m/p-Xylene	12.384	91	3117354	9.928	ppbv #	41
60) o-Xylene	13.076	91	2709879	9.053	ppbv	99
61) Styrene	12.915	104	1470875	10.023	ppbv	98
62) Isopropylbenzene	14.044	105	4115995	9.092	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.066	83	1934570	9.084	ppbv	99
64) n-propylbenzene	14.934	120	1096452	9.397	ppbv	98
65) tert-Butylbenzene	16.108	119	3660050	9.094	ppbv	99
66) Benzyl Chloride	16.342	91	255013	9.631	ppbv	95
67) sec-Butylbenzene	16.654	105	5191541	9.131	ppbv	100
69) p-Isopropyltoluene	17.014	119	4352908	9.290	ppbv	99
70) n-Butylbenzene	17.902	91	4537643	9.335	ppbv	100
71) 2-Chlorotoluene	14.818	91	3118670	9.001	ppbv	98
72) 4-Ethyltoluene	15.211	105	3285175	9.421	ppbv	99
73) 1,3,5-Trimethylbenzene	15.368	105	2869895	9.482	ppbv	99
74) 1,2,4-Trimethylbenzene	16.127	105	3187317	9.312	ppbv	98
75) 1,3-Dichlorobenzene	16.349	146	1883920	9.376	ppbv	100
76) 1,4-Dichlorobenzene	16.490	146	1864089	9.284	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	1852808	9.211	ppbv	100
78) Hexachloro-1,3-Butadiene	22.661	225	1210089	7.341	ppbv	99
79) Naphthalene	21.413	128	2266201	7.630	ppbv	99
80) Naphthalene,2-methyl-	24.390	142	4865	0.049	ppbv #	66
81) 1,2,4-Trichlorobenzene	21.172	180	1203250	7.265	ppbv #	99

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

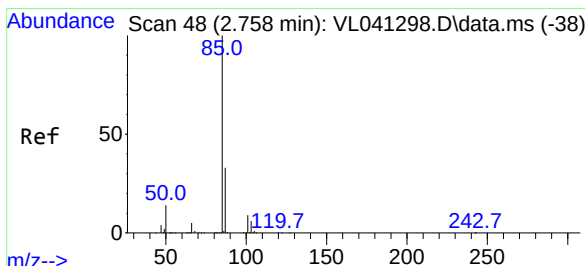
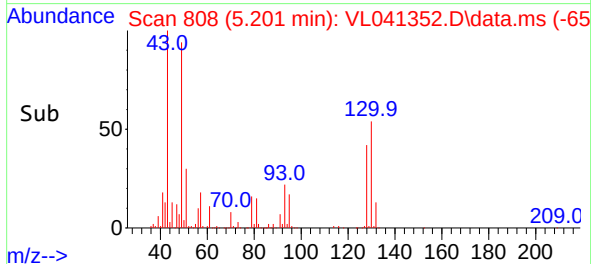
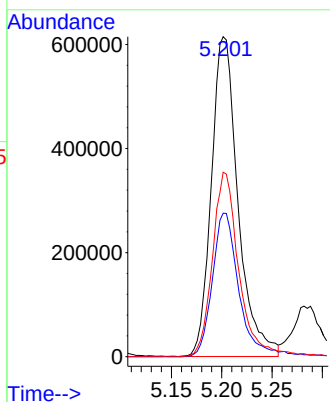


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :

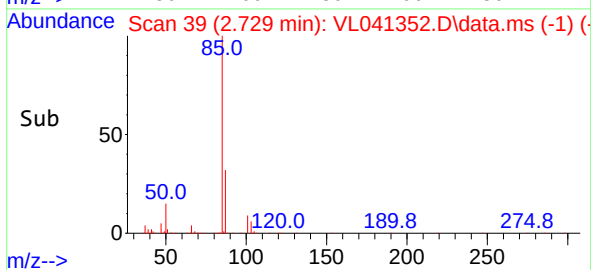
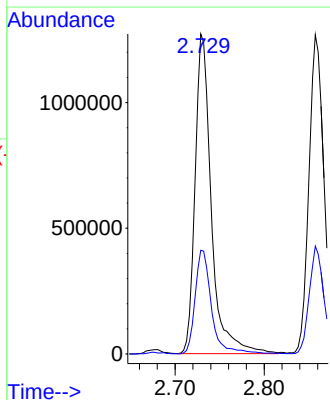
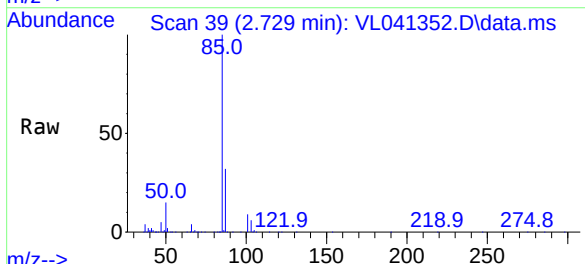


Tgt Ion: 49 Resp: 1132523
Ion Ratio Lower Upper
49 100
128 45.5 22.8 68.3
130 57.8 28.4 85.3

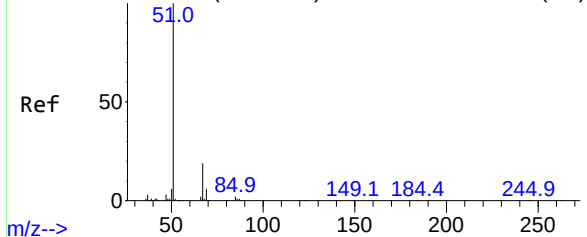


#2
Dichlorodifluoromethane
Concen: 8.940 ppbv
RT: 2.729 min Scan# 39
Delta R.T. -0.029 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 85 Resp: 1616813
Ion Ratio Lower Upper
85 100
87 32.4 26.5 39.7



Abundance Scan 31 (2.703 min): VL041298.D\data.ms (-16)

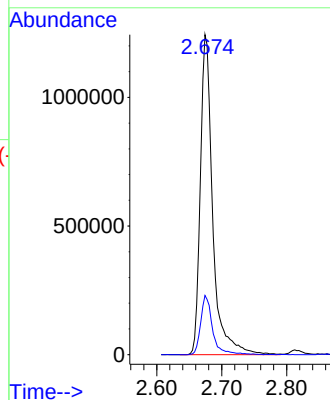
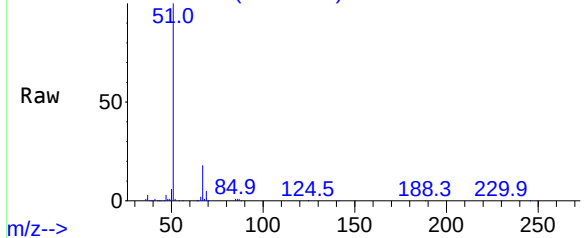


#3
Chlorodifluoromethane
Concen: 9.225 ppbv
RT: 2.674 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

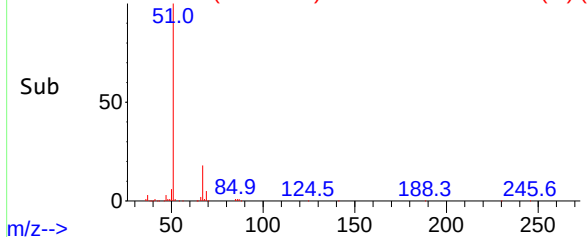
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 51 Resp: 1651022
Ion Ratio Lower Upper
51 100
67 17.9 14.7 22.1

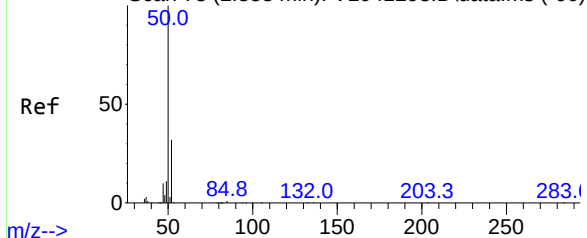
Abundance Scan 22 (2.674 min): VL041352.D\data.ms



Abundance Scan 22 (2.674 min): VL041352.D\data.ms (-1)



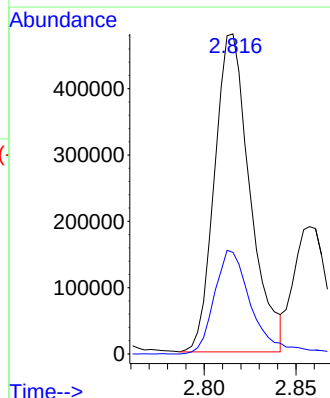
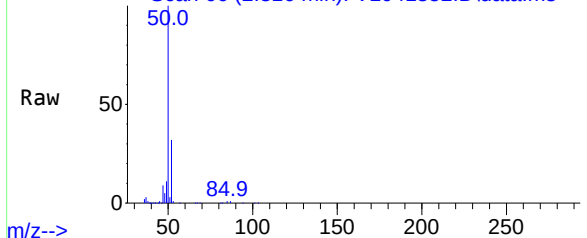
Abundance Scan 73 (2.838 min): VL041298.D\data.ms (-66)



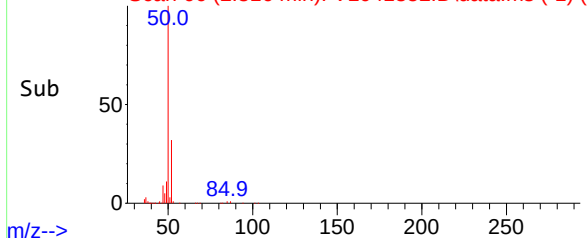
#4
Chloromethane
Concen: 9.554 ppbv
RT: 2.816 min Scan# 66
Delta R.T. -0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

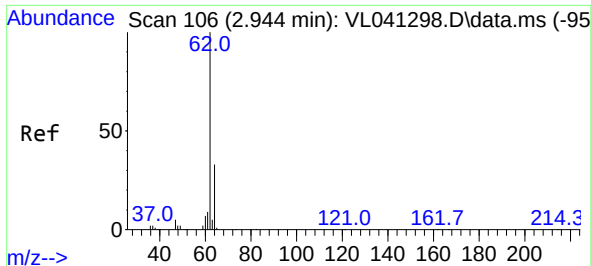
Tgt Ion: 50 Resp: 643574
Ion Ratio Lower Upper
50 100
52 32.0 25.6 38.4

Abundance Scan 66 (2.816 min): VL041352.D\data.ms



Abundance Scan 66 (2.816 min): VL041352.D\data.ms (-1)

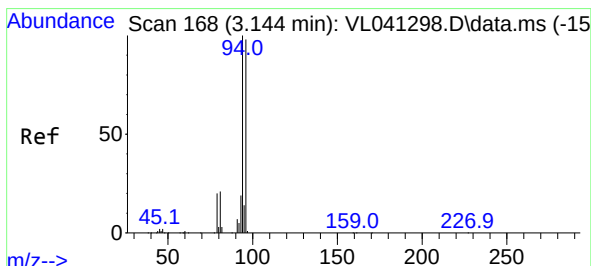
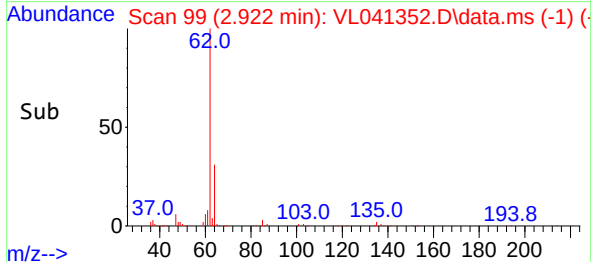
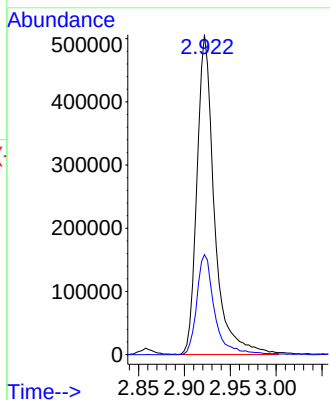
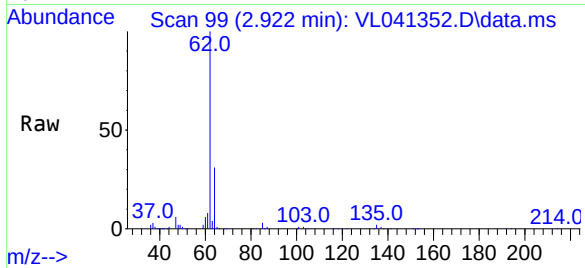




#5
 Vinyl Chloride
 Concen: 9.874 ppbv
 RT: 2.922 min Scan# 99
 Delta R.T. -0.023 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

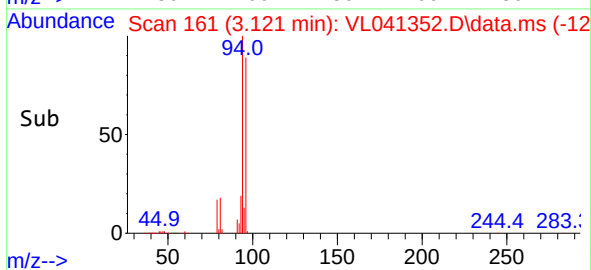
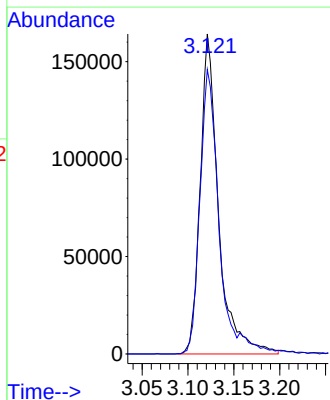
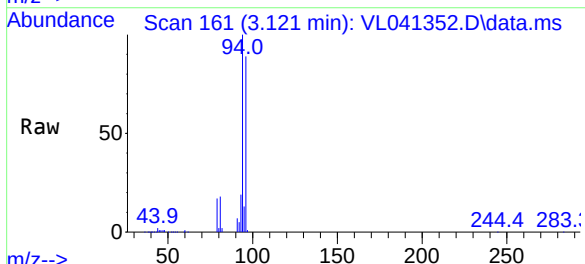
Instrument :
 MSVOA_L
 ClientSampleId :

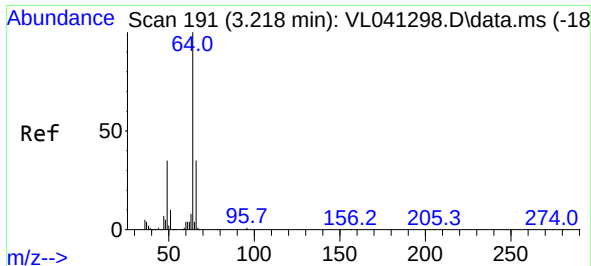
Tgt Ion: 62 Resp: 670057
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.6 40.0



#6
 Bromomethane
 Concen: 9.445 ppbv
 RT: 3.121 min Scan# 161
 Delta R.T. -0.023 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

Tgt Ion: 94 Resp: 227907
 Ion Ratio Lower Upper
 94 100
 96 88.7 78.6 117.8

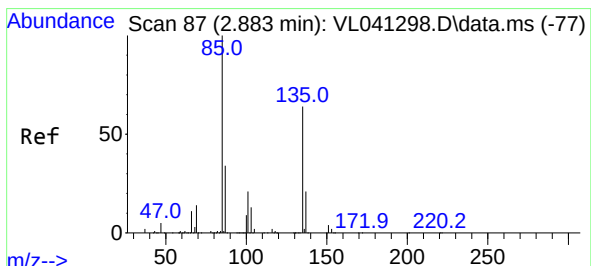
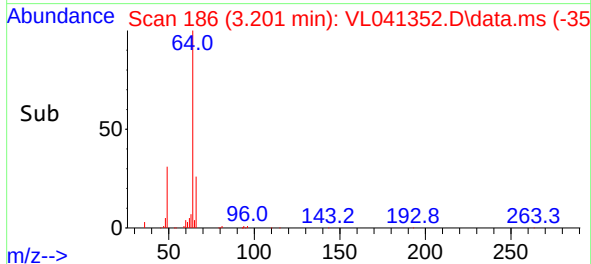
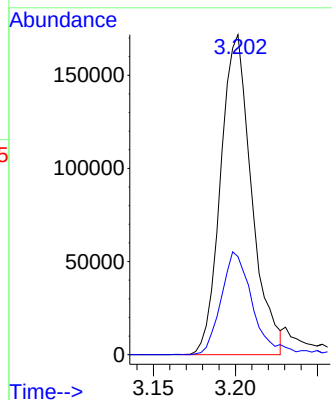
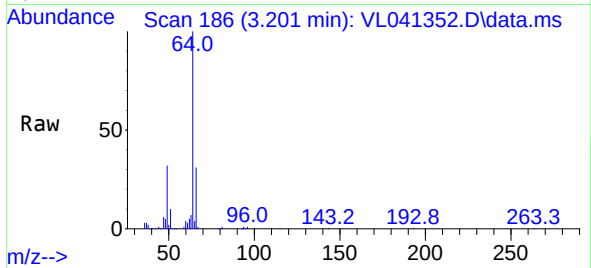




#7
Chloroethane
Concen: 9.647 ppbv
RT: 3.201 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

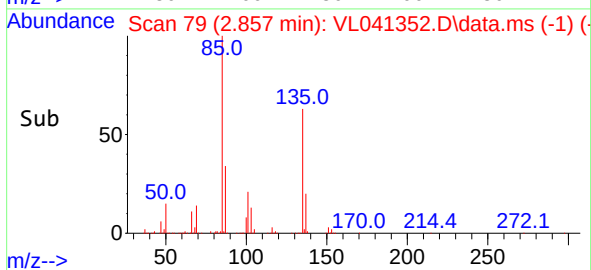
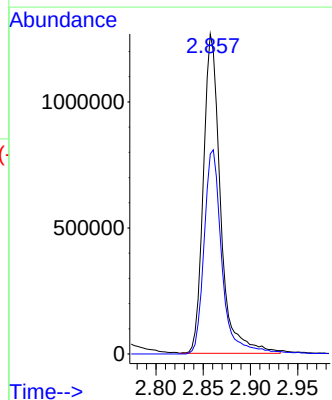
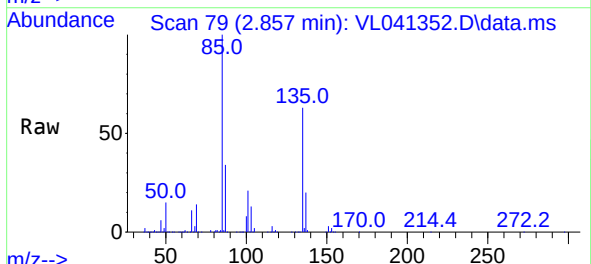
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 64 Resp: 225384
Ion Ratio Lower Upper
64 100
66 30.7 28.1 42.1

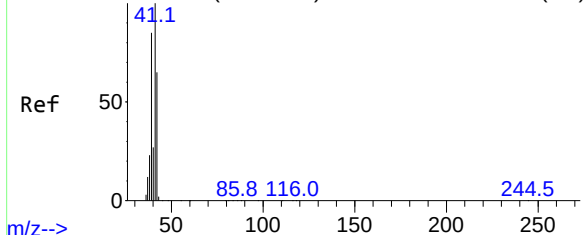


#8
Dichlorotetrafluoroethane
Concen: 9.622 ppbv
RT: 2.857 min Scan# 79
Delta R.T. -0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 85 Resp: 1600431
Ion Ratio Lower Upper
85 100
135 67.1 51.7 77.5



Abundance Scan 37 (2.722 min): VL041298.D\data.ms (-27)

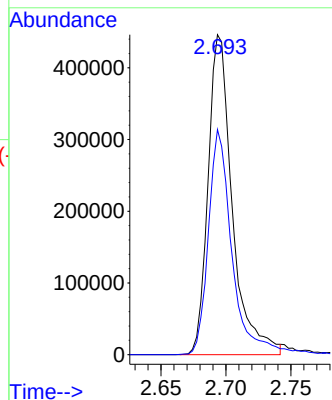
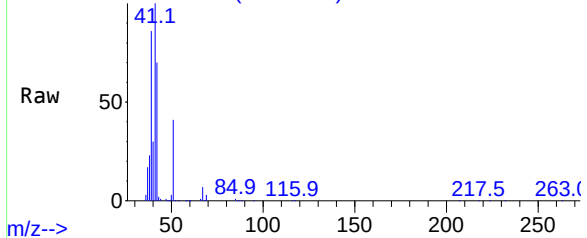


#9
Propene
Concen: 9.077 ppbv
RT: 2.693 min Scan# 21
Delta R.T. -0.029 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

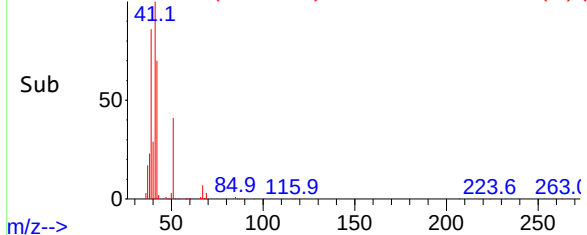
Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 578612
Ion Ratio Lower Upper
41 100
42 69.8 55.2 82.8

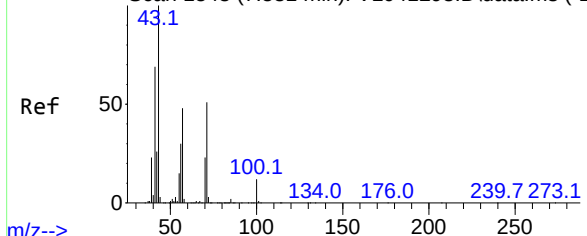
Abundance Scan 28 (2.693 min): VL041352.D\data.ms



Abundance Scan 28 (2.693 min): VL041352.D\data.ms (-1)



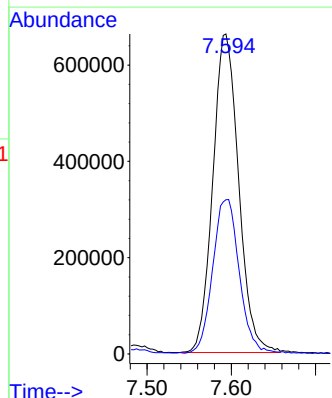
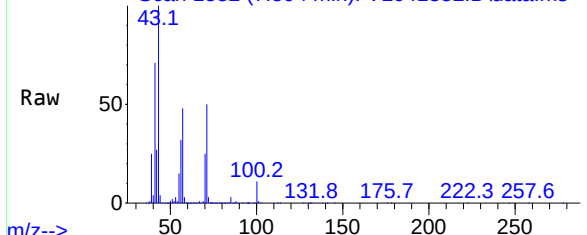
Abundance Scan 1548 (7.581 min): VL041298.D\data.ms (-1)



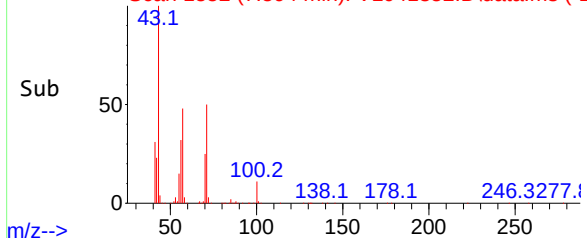
#10
Heptane
Concen: 9.311 ppbv
RT: 7.594 min Scan# 1552
Delta R.T. 0.013 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

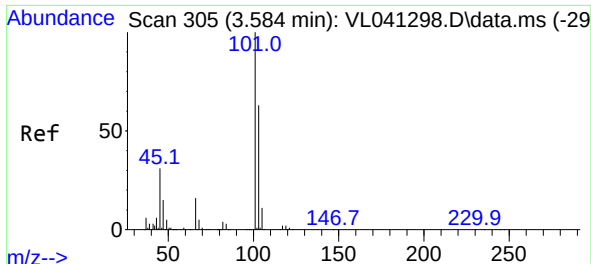
Tgt Ion: 43 Resp: 1406870
Ion Ratio Lower Upper
43 100
57 50.4 39.0 58.4

Abundance Scan 1552 (7.594 min): VL041352.D\data.ms



Abundance Scan 1552 (7.594 min): VL041352.D\data.ms (-1)

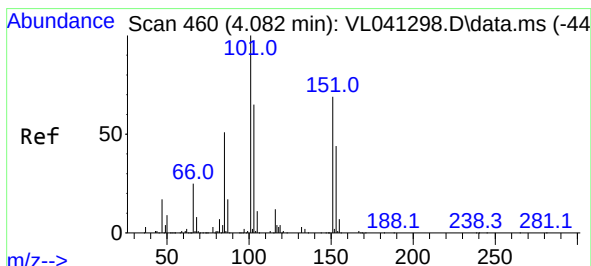
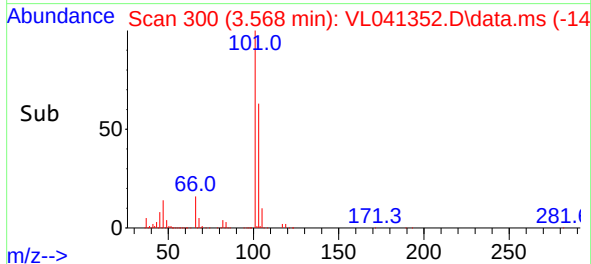
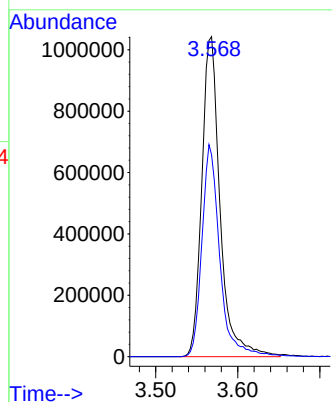
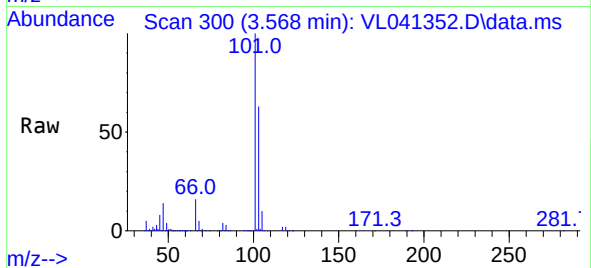




#11
Trichlorofluoromethane
Concen: 9.710 ppbv
RT: 3.568 min Scan# 305
Delta R.T. -0.016 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

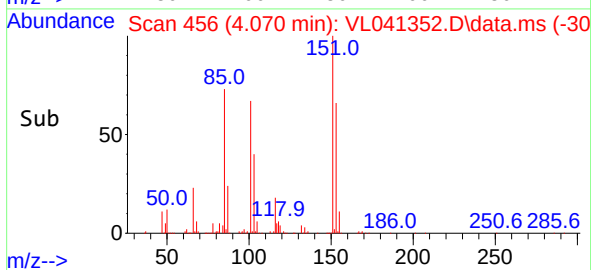
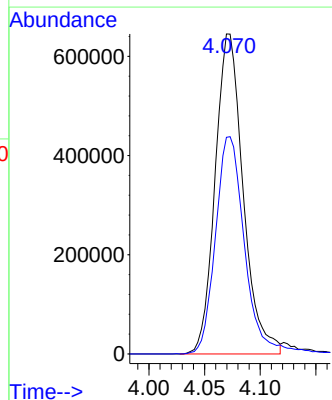
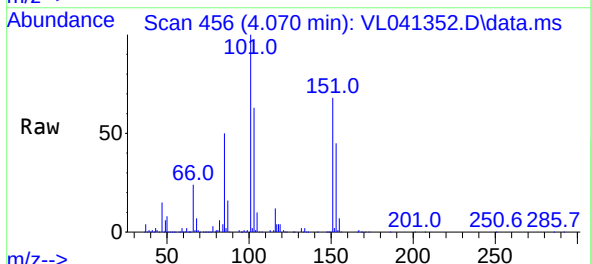
Instrument :
MSVOA_L
ClientSampleId :

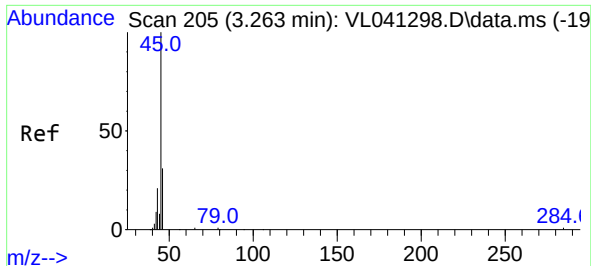
Tgt Ion:101 Resp: 1614273
Ion Ratio Lower Upper
101 100
103 63.1 50.6 76.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.621 ppbv
RT: 4.070 min Scan# 456
Delta R.T. -0.013 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:101 Resp: 1129834
Ion Ratio Lower Upper
101 100
151 71.3 54.8 82.2

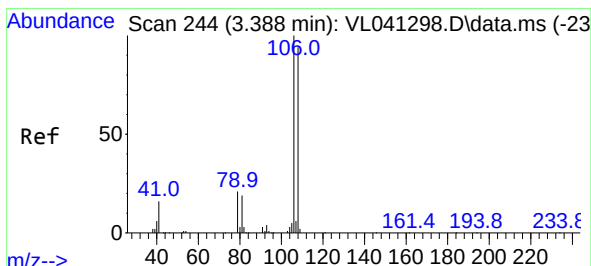
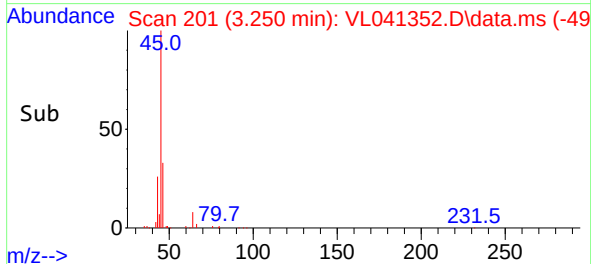
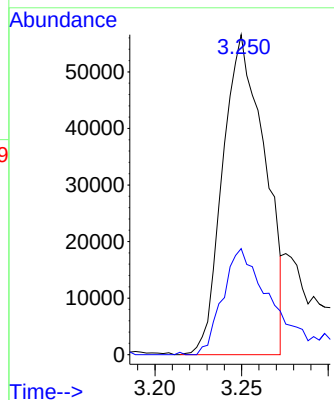
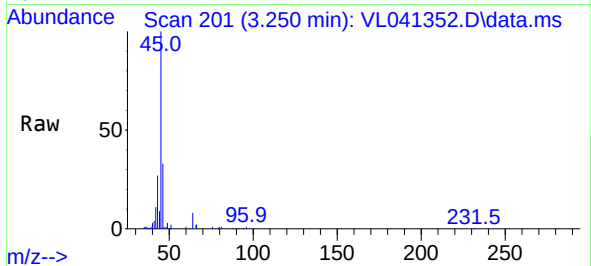




#13
Ethanol
Concen: 5.751 ppbv
RT: 3.250 min Scan# 205
Delta R.T. -0.013 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

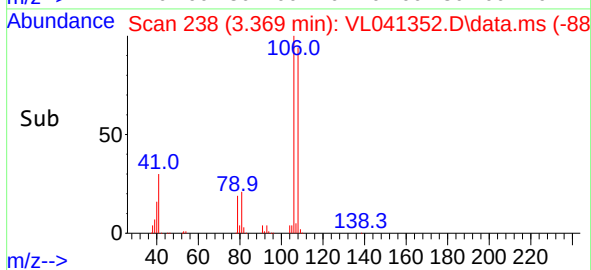
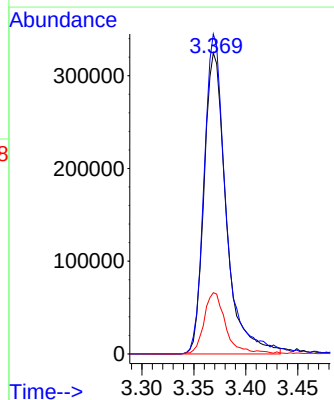
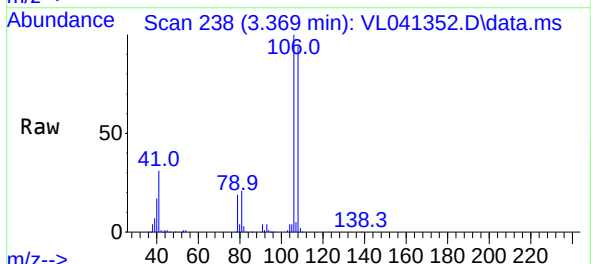
Instrument :
MSVOA_L
ClientSampleId :

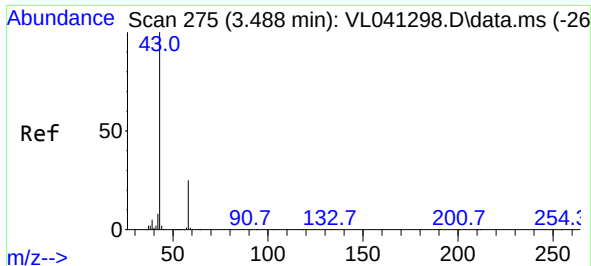
Tgt Ion: 45 Resp: 95378
Ion Ratio Lower Upper
45 100
46 44.6 14.2 56.6



#14
Bromoethene
Concen: 10.108 ppbv
RT: 3.369 min Scan# 238
Delta R.T. -0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:108 Resp: 480398
Ion Ratio Lower Upper
108 100
106 106.9 85.4 128.0
79 20.4 17.8 26.8

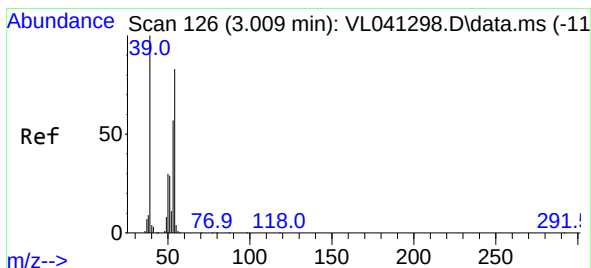
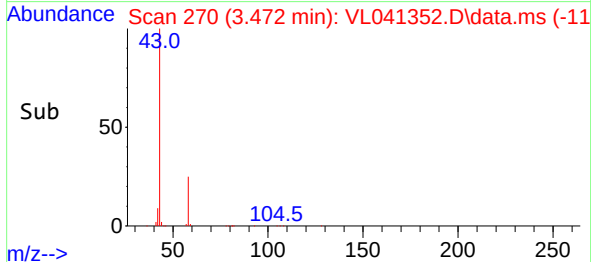
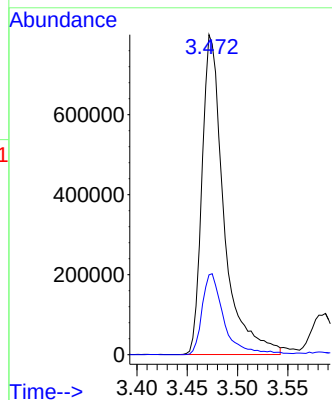
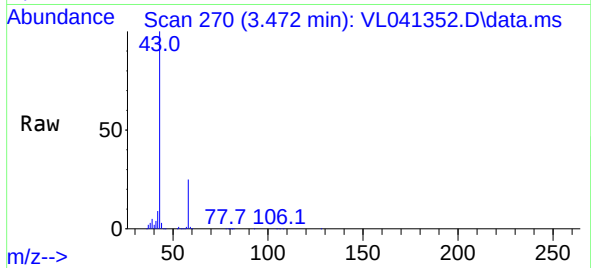




#15
Acetone
Concen: 9.361 ppbv
RT: 3.472 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

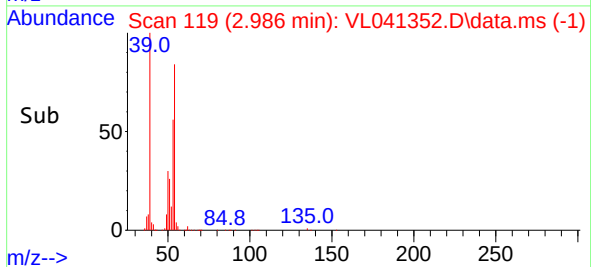
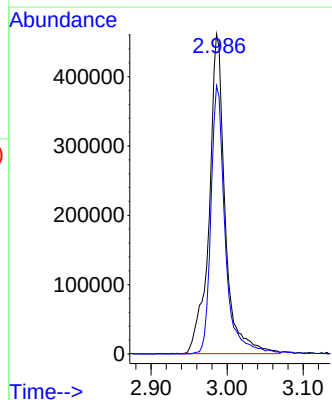
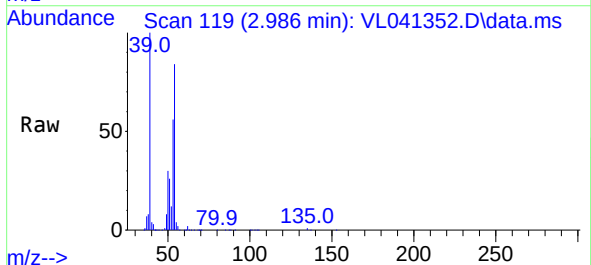
Instrument :
MSVOA_L
ClientSampleId :

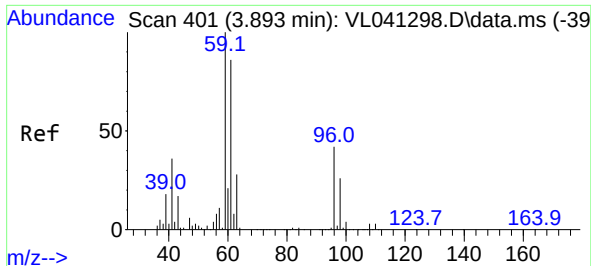
Tgt Ion: 43 Resp: 1210430
Ion Ratio Lower Upper
43 100
58 25.4 20.6 31.0



#16
1,3-Butadiene
Concen: 10.397 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 39 Resp: 675833
Ion Ratio Lower Upper
39 100
54 75.6 60.5 90.7





#17

tert-Butyl alcohol

Concen: 9.082 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.006 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

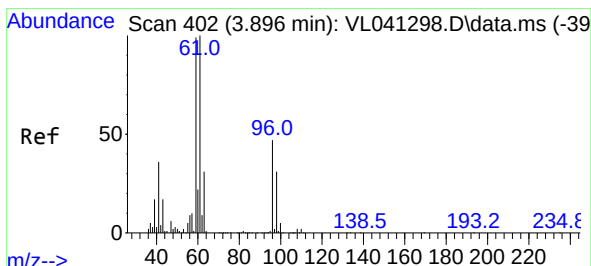
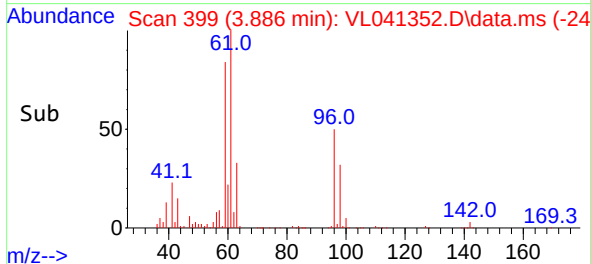
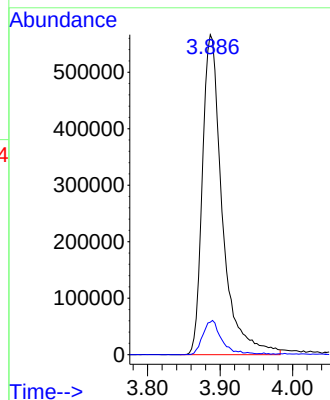
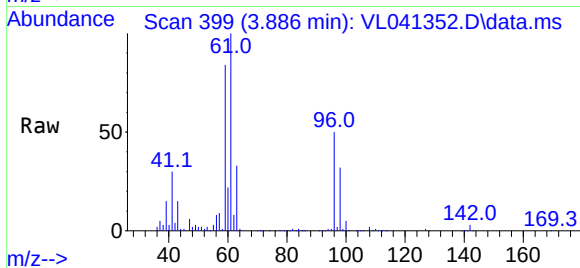
ClientSampleId :

Tgt Ion: 59 Resp: 1081178

Ion Ratio Lower Upper

59 100

57 10.5 9.0 13.4



#18

1,1-Dichloroethene

Concen: 10.484 ppbv

RT: 3.886 min Scan# 399

Delta R.T. -0.010 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

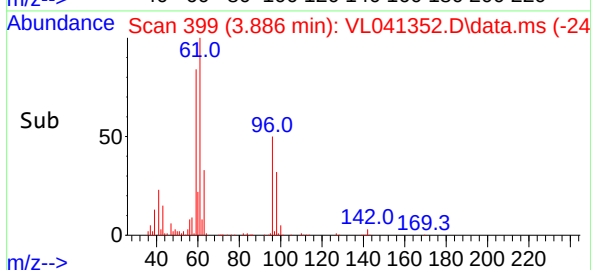
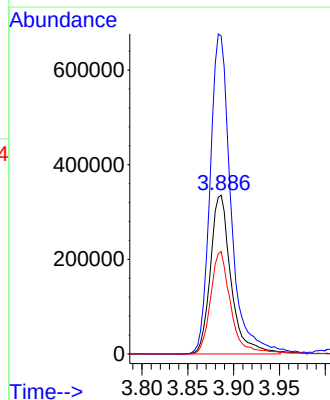
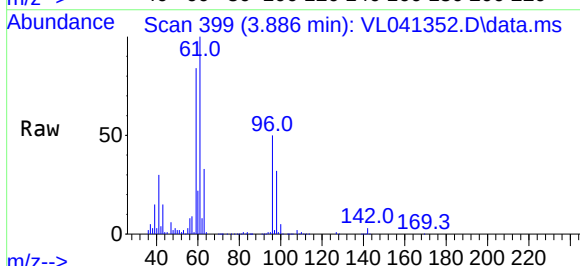
Tgt Ion: 96 Resp: 525196

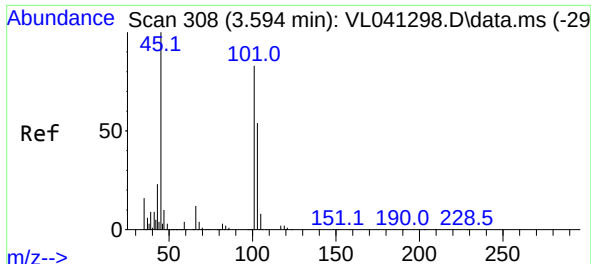
Ion Ratio Lower Upper

96 100

61 200.4 171.8 257.8

98 64.5 53.1 79.7





#19

Isopropyl Alcohol

Concen: 8.620 ppbv

RT: 3.584 min Scan# 308

Delta R.T. -0.010 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

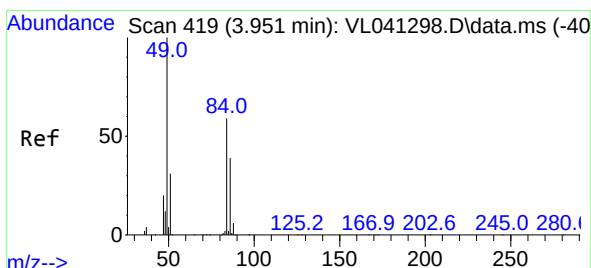
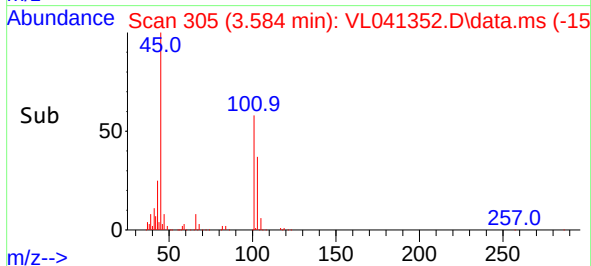
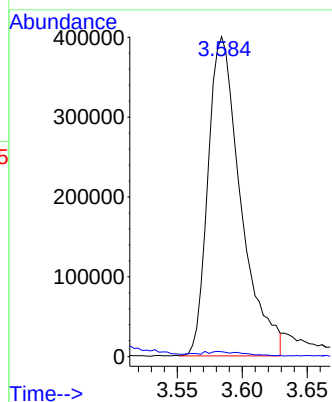
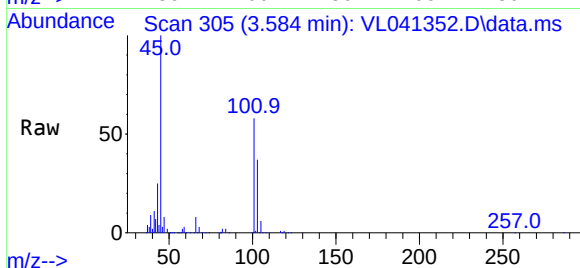
ClientSampleId :

Tgt Ion: 45 Resp: 700286

Ion Ratio Lower Upper

45 100

58 2.0 1.4 2.2



#20

Methylene Chloride

Concen: 9.081 ppbv

RT: 3.938 min Scan# 415

Delta R.T. -0.013 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Tgt Ion: 84 Resp: 426808

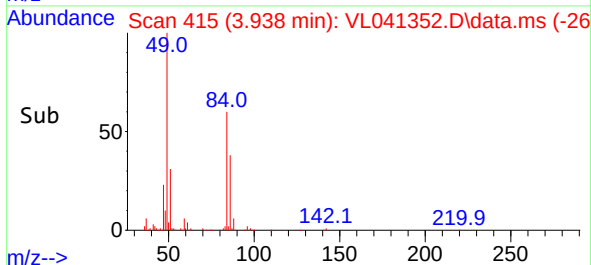
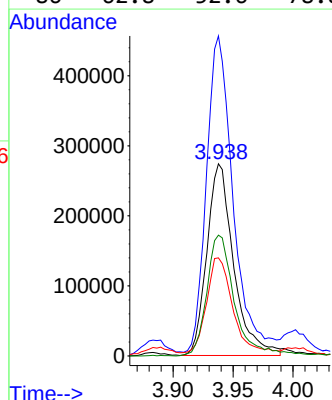
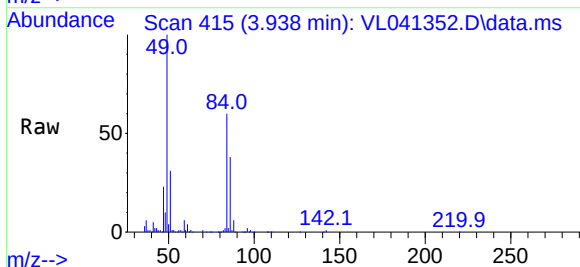
Ion Ratio Lower Upper

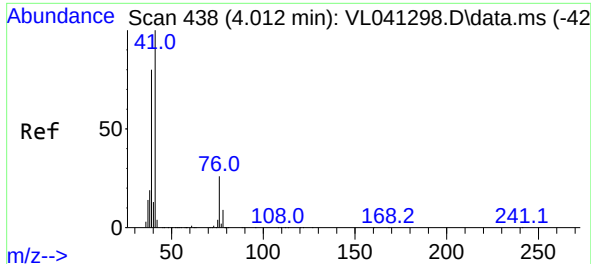
84 100

49 164.7 136.2 204.2

51 49.5 41.9 62.9

86 62.8 52.6 78.8



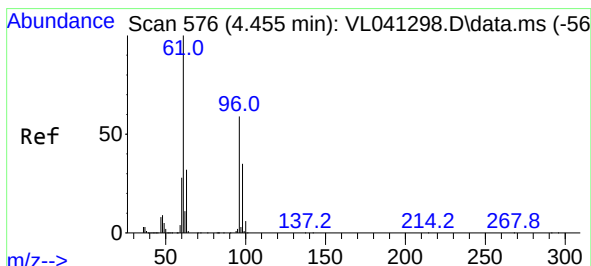
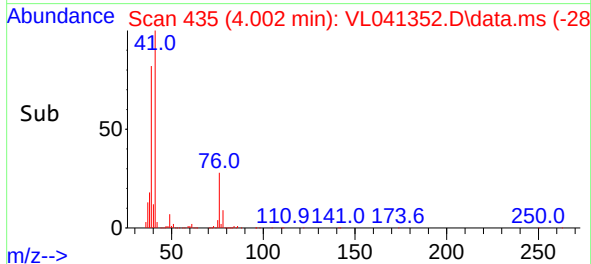
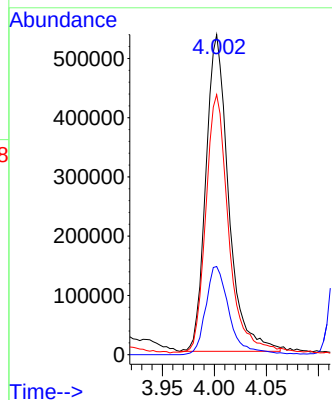
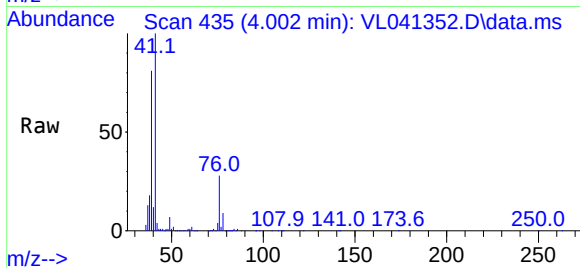


#21
Allyl Chloride
Concen: 9.928 ppbv
RT: 4.002 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 41 Resp: 813311

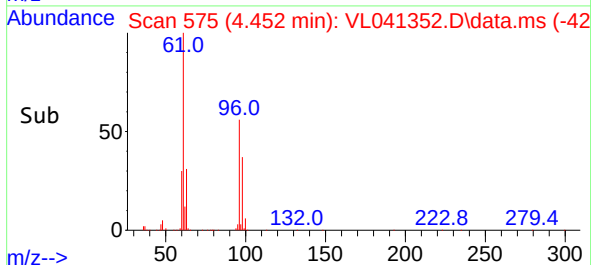
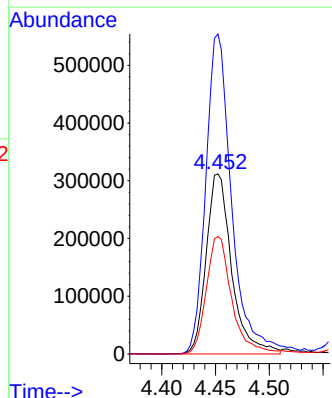
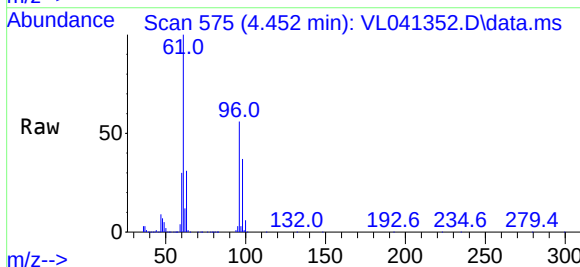
Ion	Ratio	Lower	Upper
41	100		
76	29.1	22.3	33.5
39	82.5	66.3	99.5

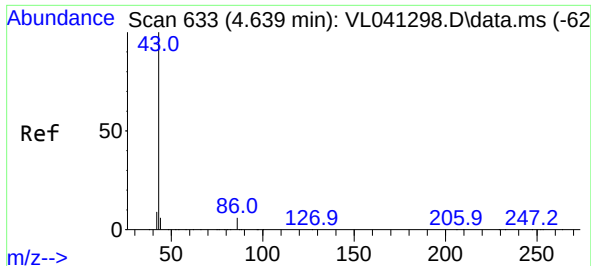


#22
trans-1,2-Dichloroethene
Concen: 9.874 ppbv
RT: 4.452 min Scan# 575
Delta R.T. -0.003 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 96 Resp: 515481

Ion	Ratio	Lower	Upper
96	100		
61	177.5	135.5	203.3
98	65.2	47.6	71.4



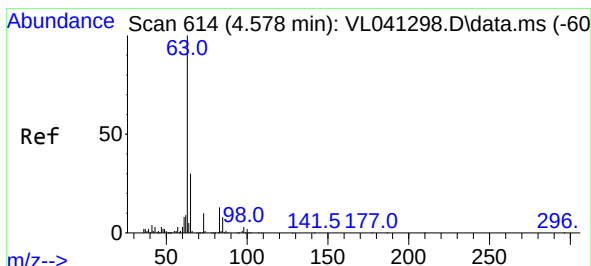
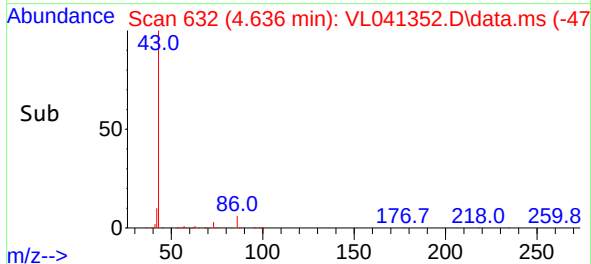
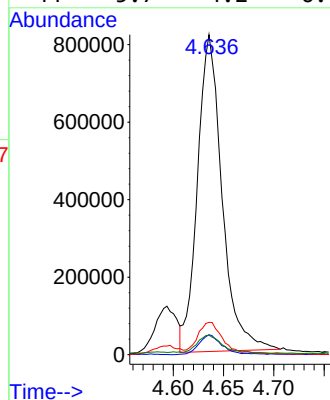
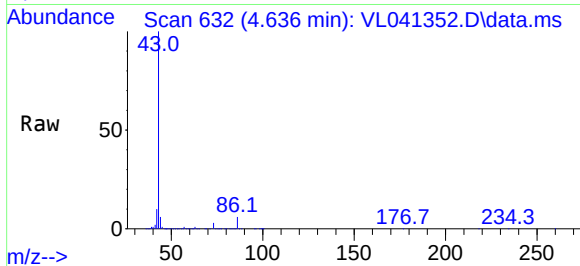


#23
Vinyl Acetate
Concen: 10.522 ppbv
RT: 4.636 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1391441

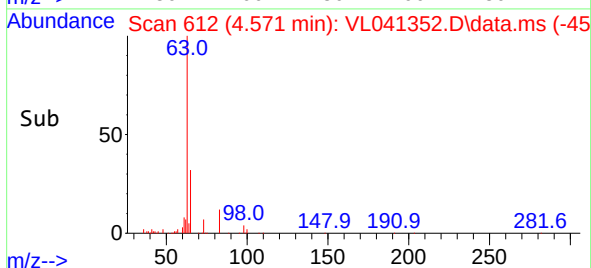
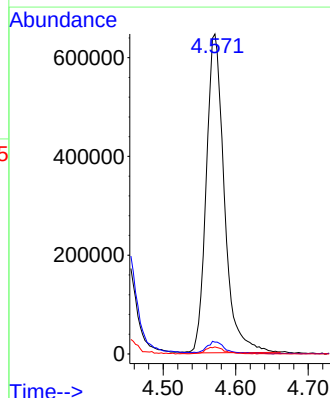
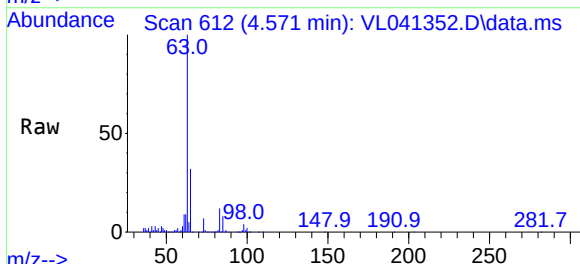
Ion	Ratio	Lower	Upper
43	100		
86	6.2	4.7	7.1
42	9.9	8.0	12.0
44	5.7	4.2	6.4

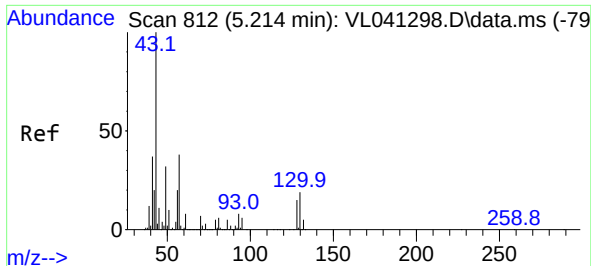


#24
1,1-Dichloroethane
Concen: 9.601 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.006 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 63 Resp: 1116956

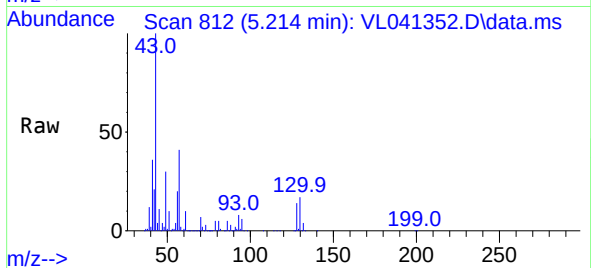
Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.9	5.7
100	2.2	1.1	3.5





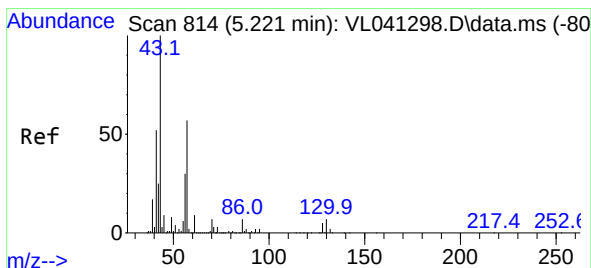
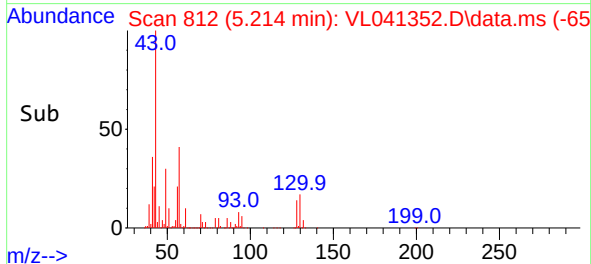
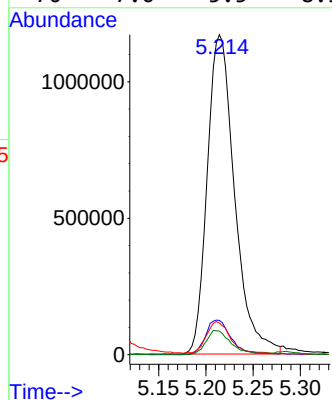
#25
Ethyl Acetate
Concen: 9.218 ppbv
RT: 5.214 min Scan# 812
Delta R.T. -0.000 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion: 43 Resp: 2357976

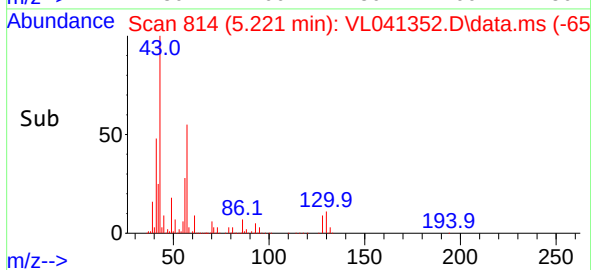
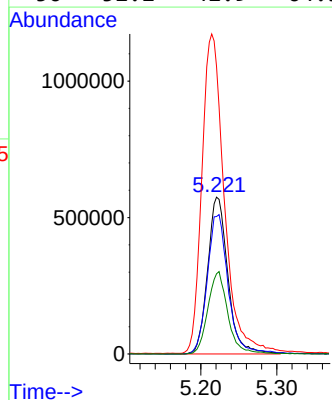
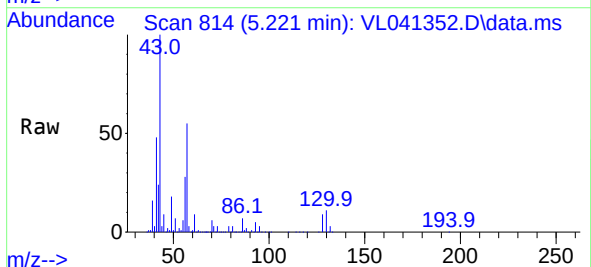
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.1	12.1
61	9.6	7.4	11.0
70	7.0	5.5	8.3

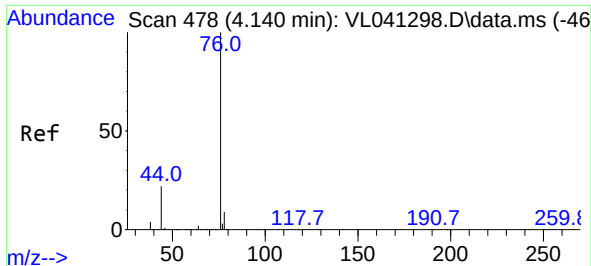


#26
Hexane
Concen: 9.223 ppbv
RT: 5.221 min Scan# 814
Delta R.T. -0.000 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 57 Resp: 1060983

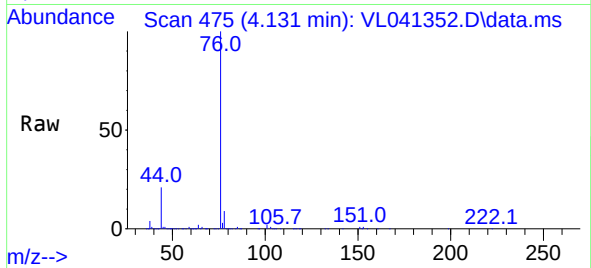
Ion	Ratio	Lower	Upper
57	100		
41	92.1	77.1	115.7
43	227.7	186.1	279.1
56	52.2	42.9	64.3



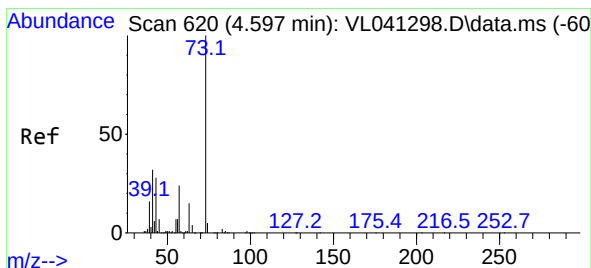
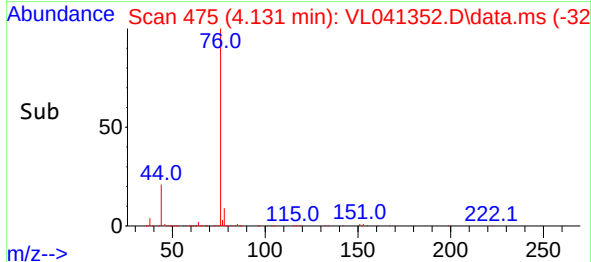
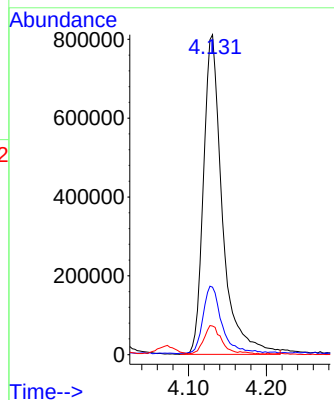


#27
Carbon Disulfide
Concen: 10.704 ppbv
RT: 4.131 min Scan# 41
Delta R.T. -0.010 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :

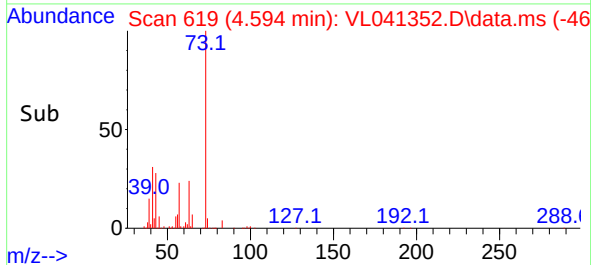
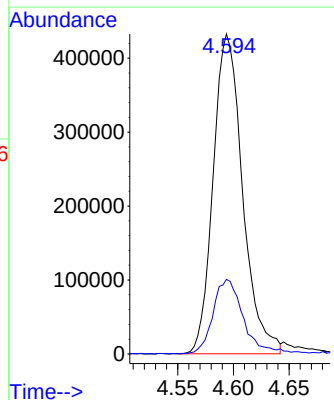
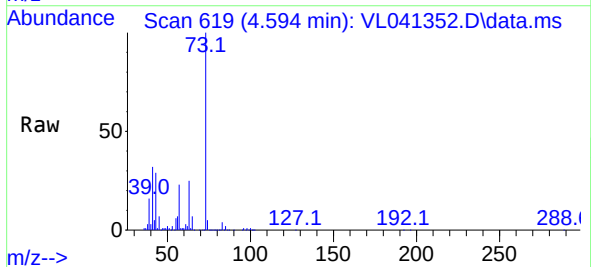


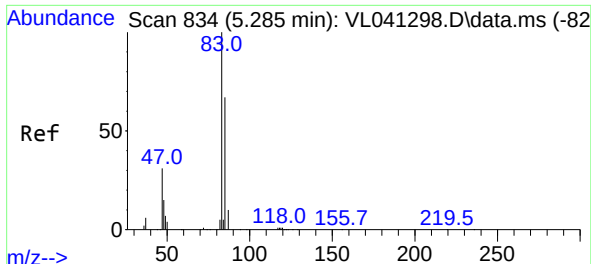
Tgt Ion: 76 Resp: 1363981
Ion Ratio Lower Upper
76 100
44 21.8 17.7 26.5
78 9.1 7.8 11.6



#28
Methyl tert-Butyl Ether
Concen: 9.316 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.003 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 73 Resp: 794331
Ion Ratio Lower Upper
73 100
57 24.9 19.2 28.8

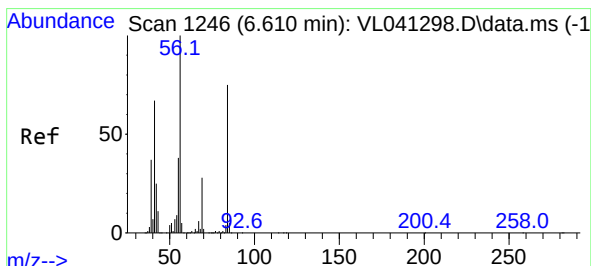
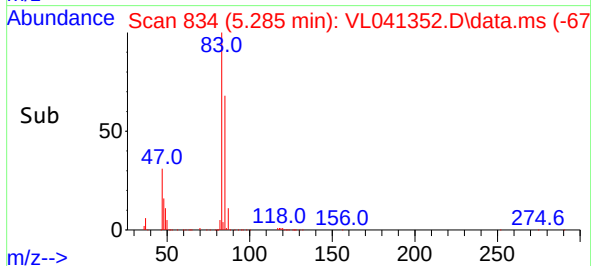
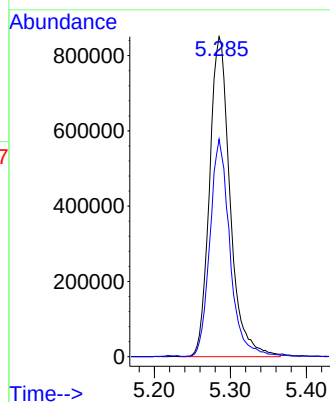
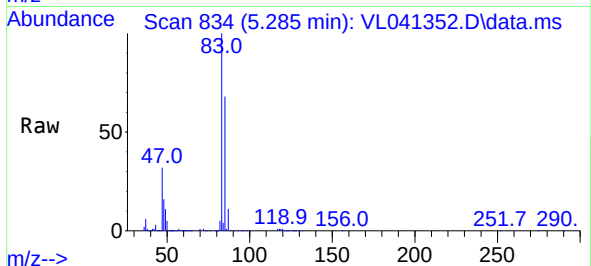




#29
Chloroform
Concen: 9.043 ppbv
RT: 5.285 min Scan# 834
Delta R.T. -0.000 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

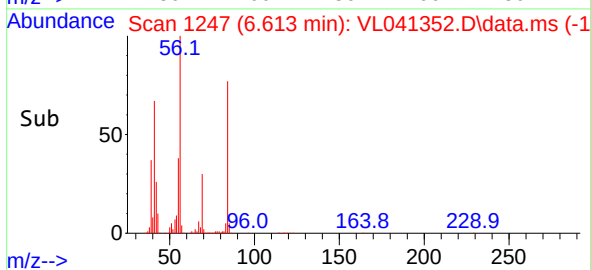
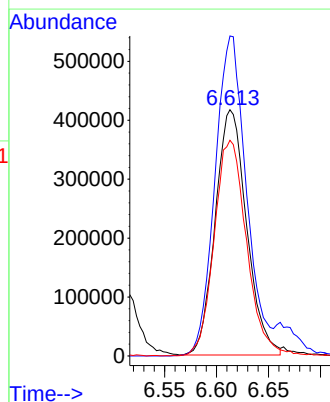
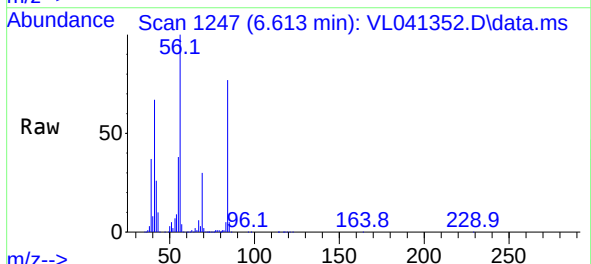
Instrument :
MSVOA_L
ClientSampleId :

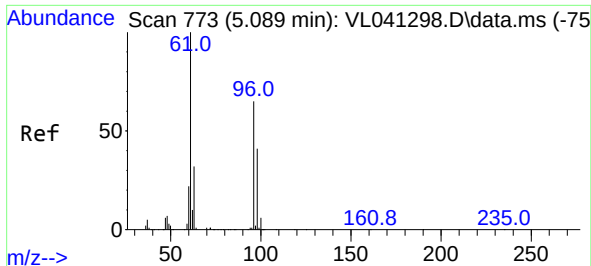
Tgt Ion: 83 Resp: 1596016
Ion Ratio Lower Upper
83 100
85 67.8 53.3 79.9



#30
Cyclohexane
Concen: 9.391 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 84 Resp: 875677
Ion Ratio Lower Upper
84 100
56 140.5 114.9 172.3
41 90.9 74.4 111.6



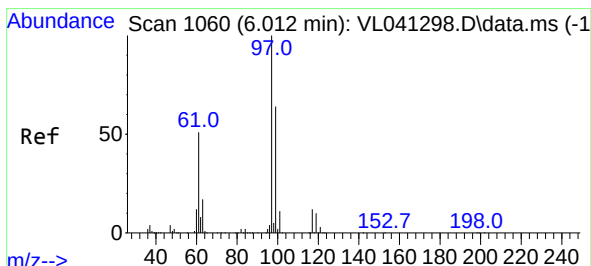
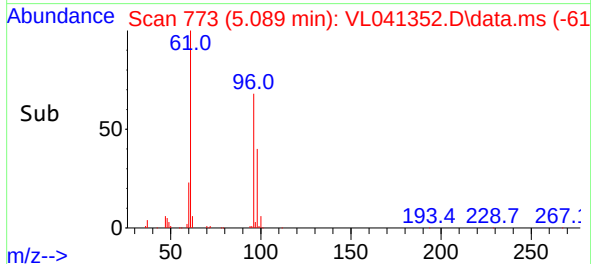
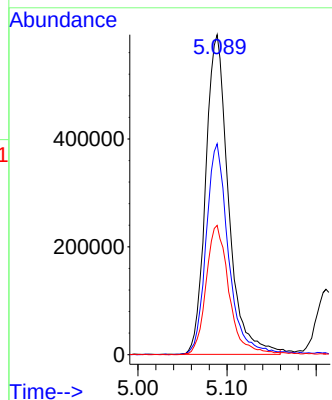
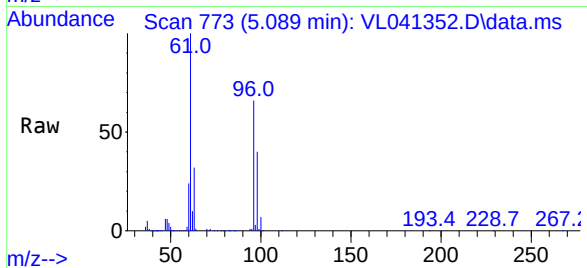


#31
 cis-1,2-Dichloroethene
 Concen: 9.686 ppbv
 RT: 5.089 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

Instrument :
 MSVOA_L
 ClientSampleId :

Tgt Ion: 61 Resp: 1052930

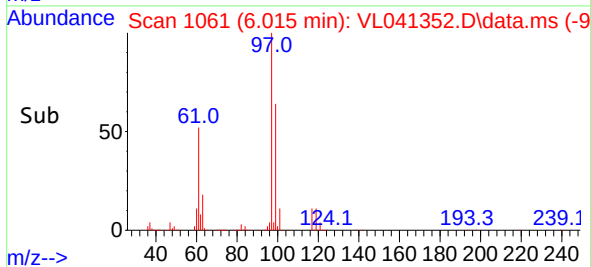
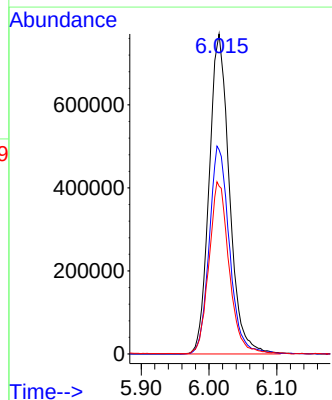
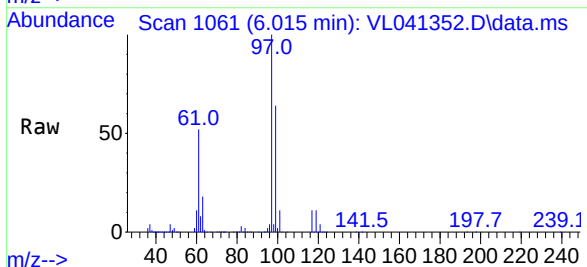
Ion	Ratio	Lower	Upper
61	100		
96	65.8	52.1	78.1
98	40.4	33.1	49.7

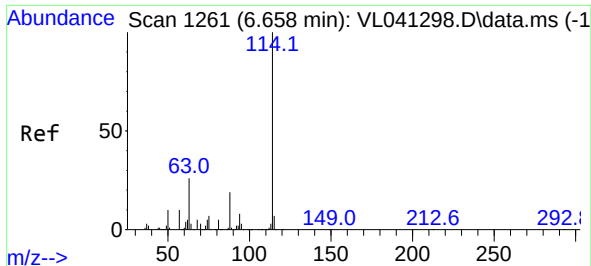


#32
 1,1,1-Trichloroethane
 Concen: 9.566 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.003 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

Tgt Ion: 97 Resp: 1599198

Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.9	77.9
61	53.8	42.9	64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

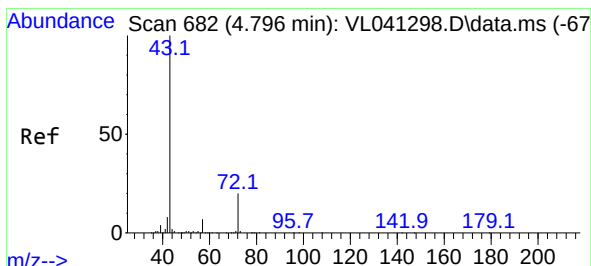
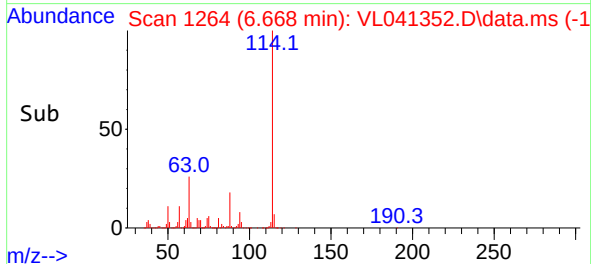
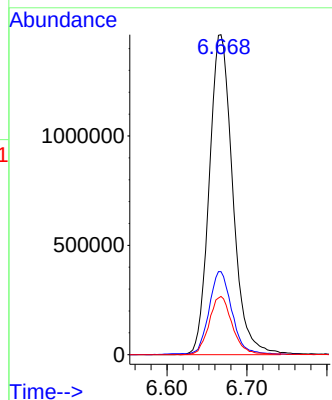
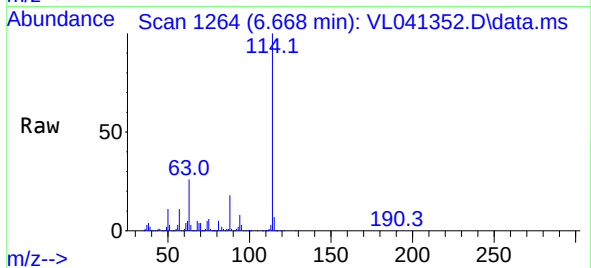
Tgt Ion:114 Resp: 2966888

Ion Ratio Lower Upper

114 100

63 25.8 20.6 30.8

88 18.2 14.5 21.7



#34

2-Butanone

Concen: 10.239 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL041352.D

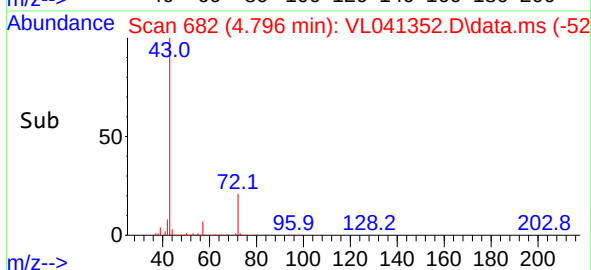
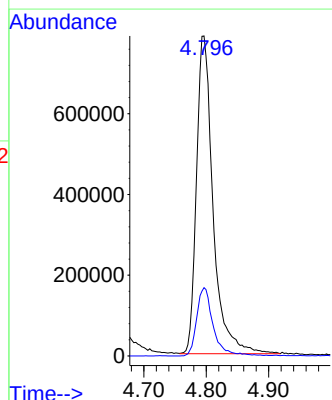
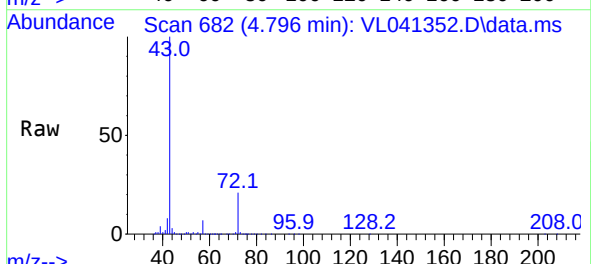
Acq: 26 Jun 2024 8:52

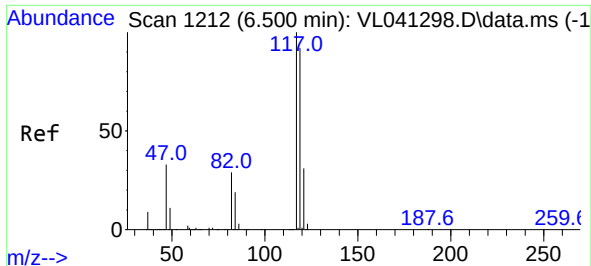
Tgt Ion: 43 Resp: 1455357

Ion Ratio Lower Upper

43 100

72 21.5 17.4 26.0

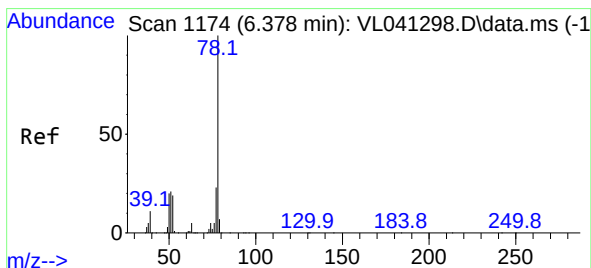
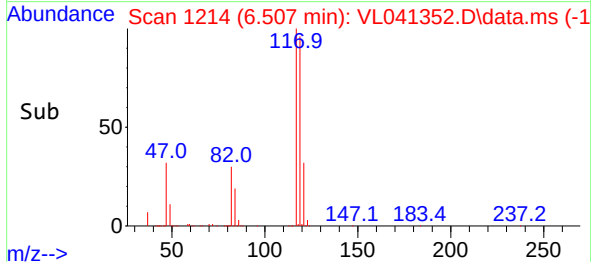
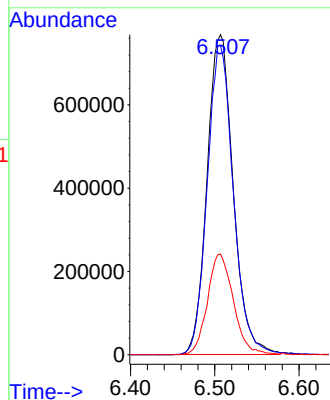
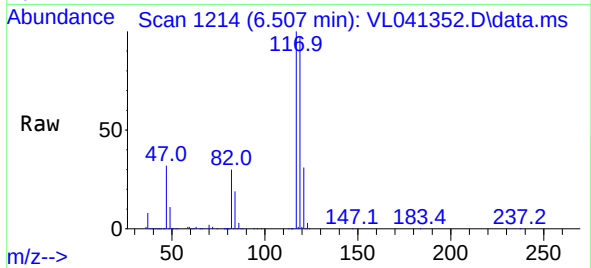




#35
Carbon Tetrachloride
Concen: 9.830 ppbv
RT: 6.507 min Scan# 1175
Delta R.T. 0.006 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

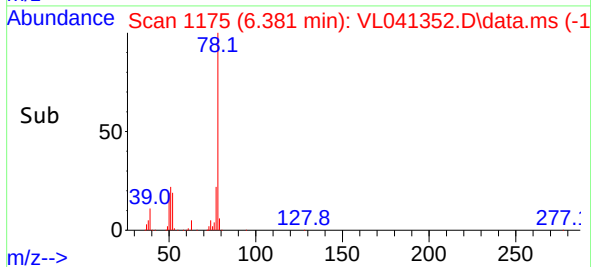
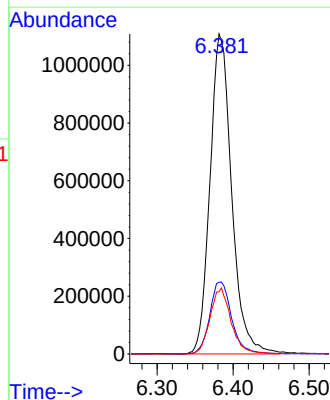
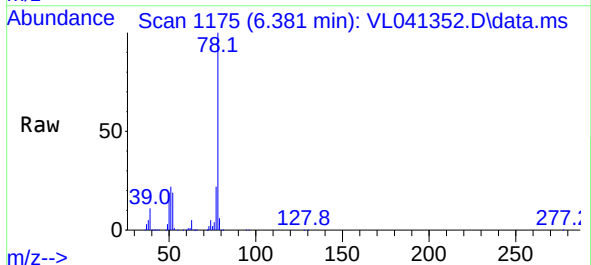
Instrument :
MSVOA_L
ClientSampleId :

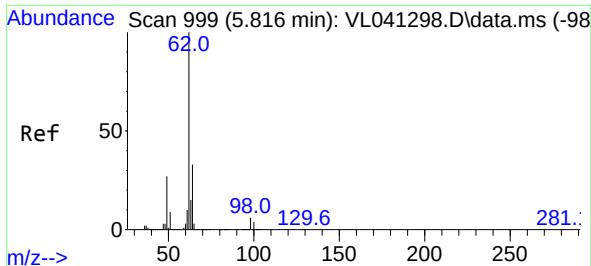
Tgt Ion:117 Resp: 1657542
Ion Ratio Lower Upper
117 100
119 96.5 74.0 111.0
121 31.5 24.8 37.2



#36
Benzene
Concen: 9.531 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 78 Resp: 2191806
Ion Ratio Lower Upper
78 100
77 22.4 18.6 28.0
50 19.4 16.0 24.0

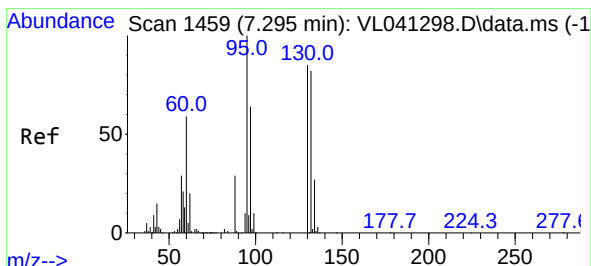
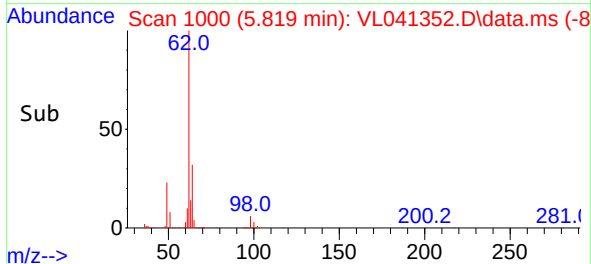
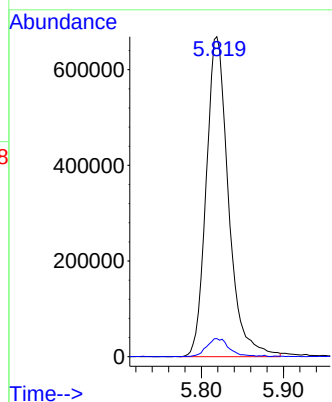
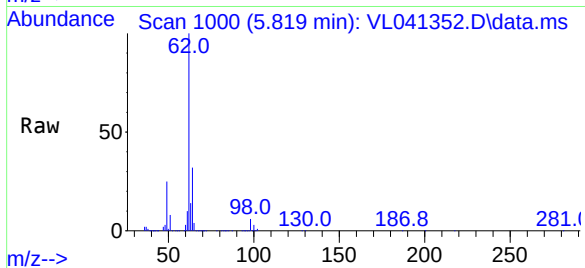




#37
1,2-Dichloroethane
Concen: 9.435 ppbv
RT: 5.819 min Scan# 10
Delta R.T. 0.003 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

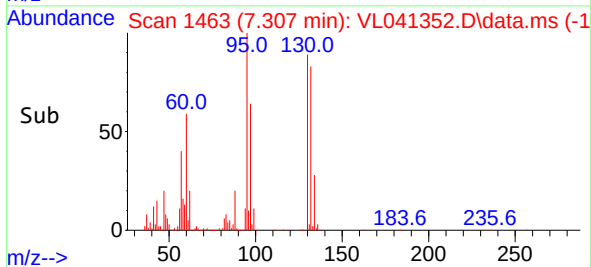
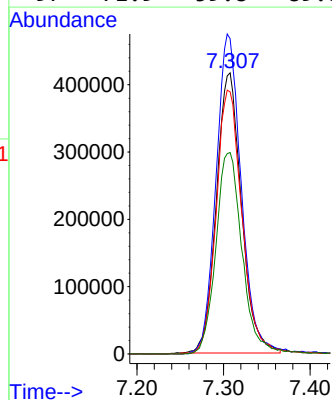
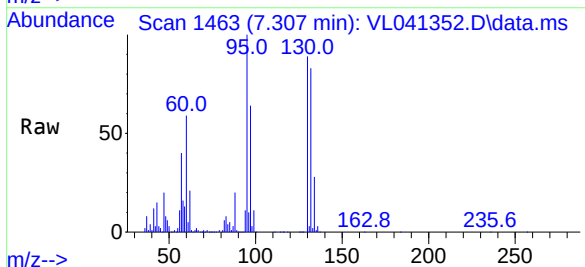
Instrument :
MSVOA_L
ClientSampleId :

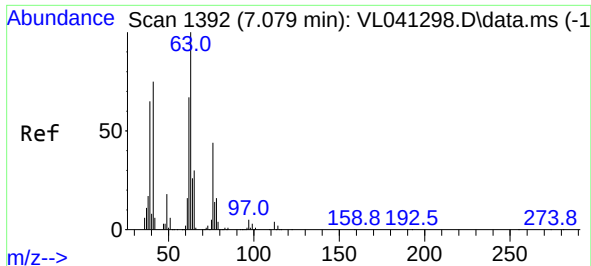
Tgt Ion: 62 Resp: 1264927
Ion Ratio Lower Upper
62 100
98 6.0 4.8 7.2



#38
Trichloroethene
Concen: 9.008 ppbv
RT: 7.307 min Scan# 1463
Delta R.T. 0.013 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:130 Resp: 839482
Ion Ratio Lower Upper
130 100
95 112.5 94.0 141.0
132 93.5 76.7 115.1
97 71.9 59.8 89.8





#39

1,2-Dichloropropane

Concen: 9.182 ppbv

RT: 7.089 min Scan# 11

Delta R.T. 0.010 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

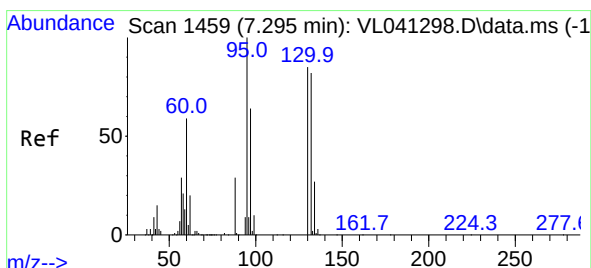
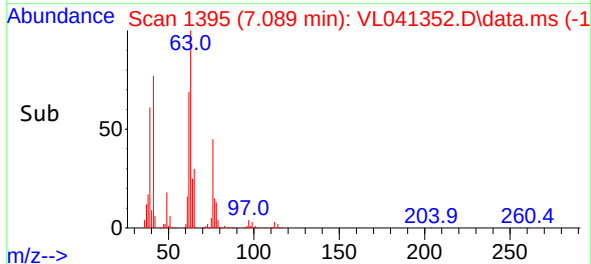
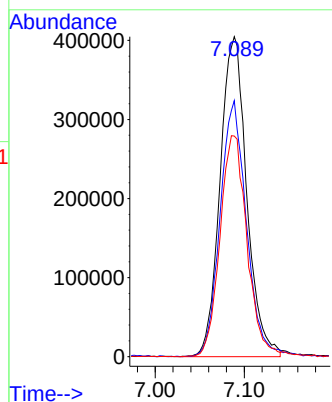
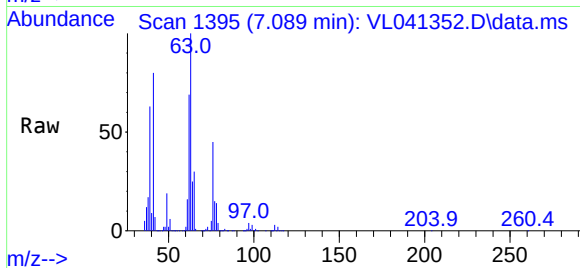
Tgt Ion: 63 Resp: 840834

Ion Ratio Lower Upper

63 100

41 80.0 59.9 89.9

62 69.0 53.8 80.6



#40

1,4-Dioxane

Concen: 7.094 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.003 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Tgt Ion: 88 Resp: 237907

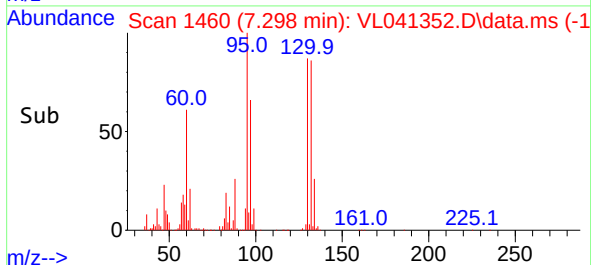
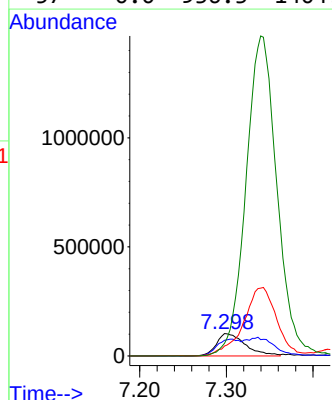
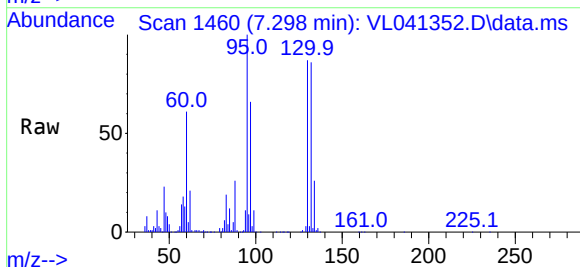
Ion Ratio Lower Upper

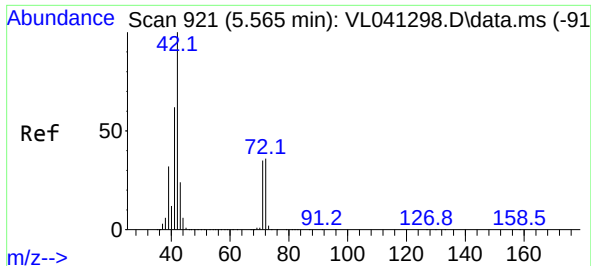
88 100

58 59.9 107.5 161.3#

43 0.0 221.8 332.6#

57 0.0 936.3 1404.5#





#41

Tetrahydrofuran

Concen: 9.870 ppbv

RT: 5.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

ClientSampleId :

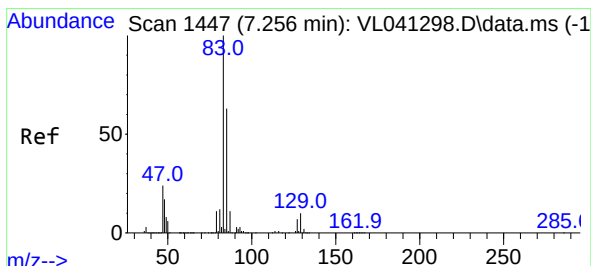
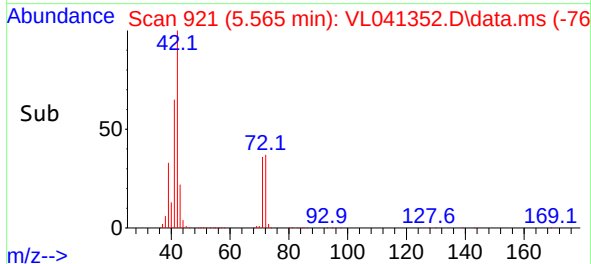
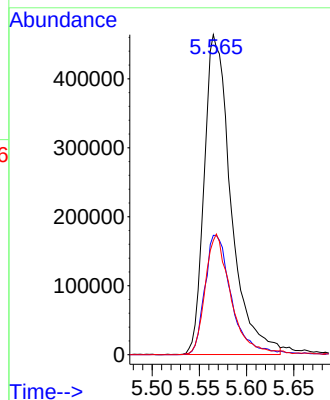
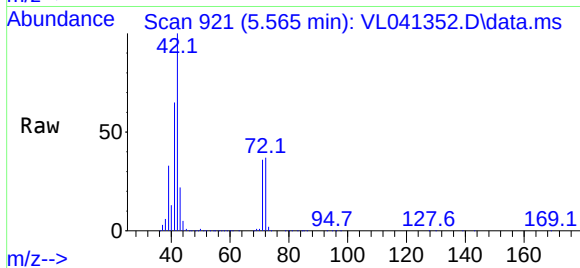
Tgt Ion: 42 Resp: 912778

Ion Ratio Lower Upper

42 100

72 37.9 30.2 45.4

71 37.1 30.3 45.5



#42

Bromodichloromethane

Concen: 9.283 ppbv

RT: 7.266 min Scan# 1450

Delta R.T. 0.010 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

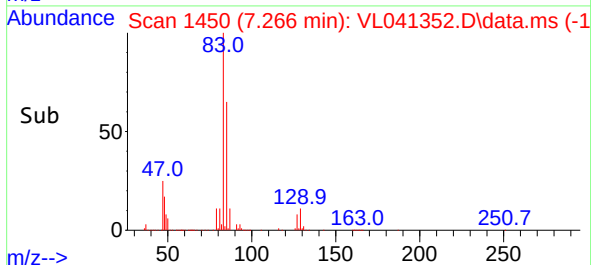
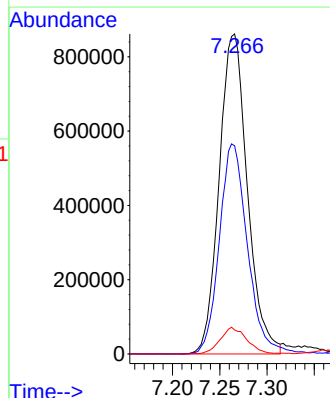
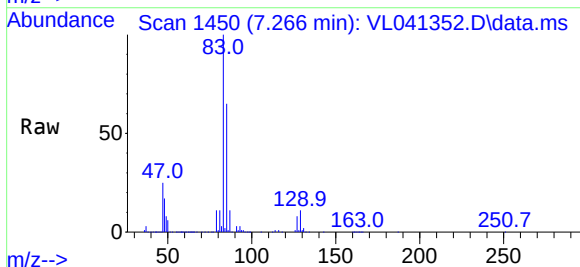
Tgt Ion: 83 Resp: 1787582

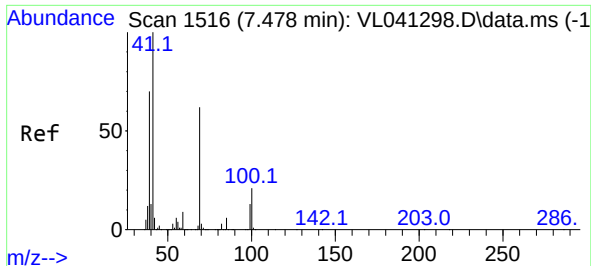
Ion Ratio Lower Upper

83 100

85 65.0 50.6 75.8

127 7.5 5.6 8.4

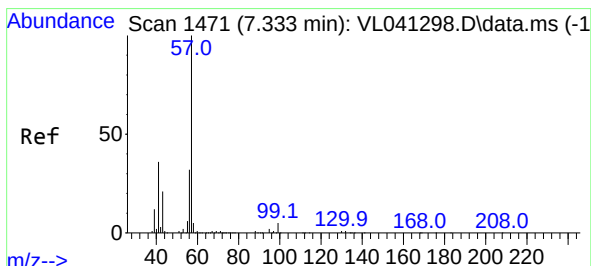
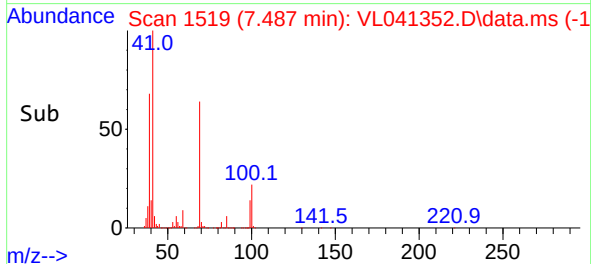
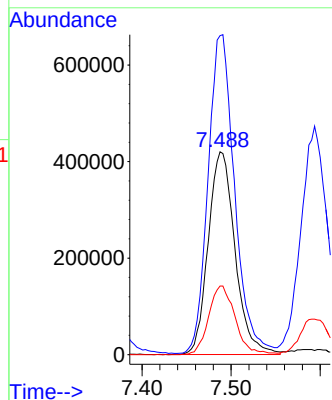
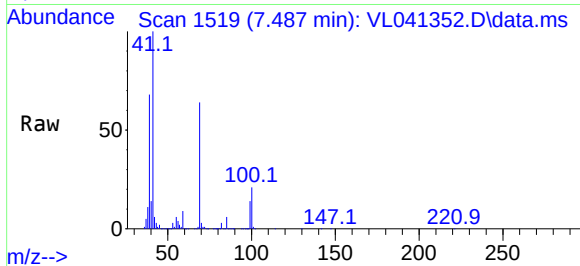




#43
Methyl Methacrylate
Concen: 10.042 ppbv
RT: 7.487 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

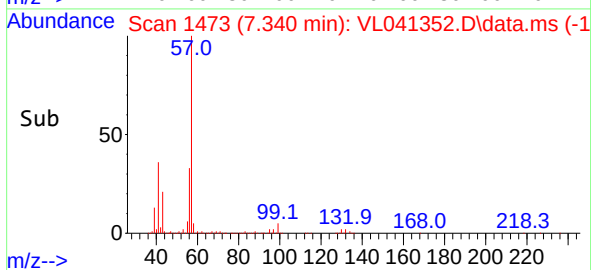
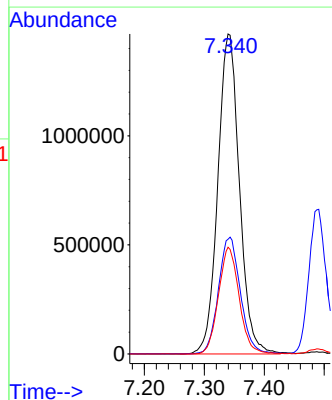
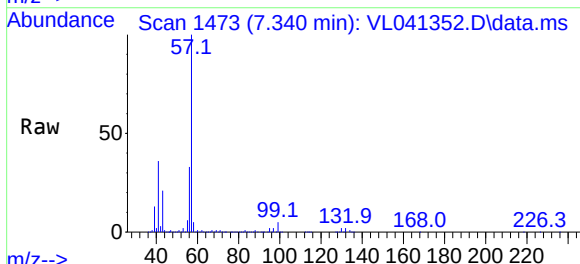
Instrument :
MSVOA_L
ClientSampleId :

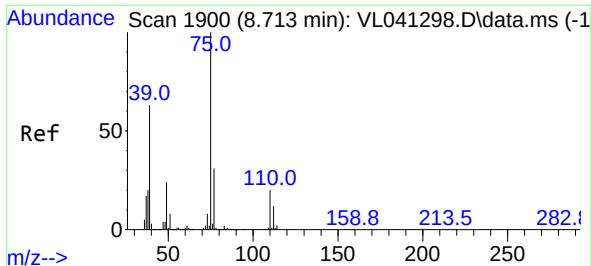
Tgt Ion: 69 Resp: 879859
Ion Ratio Lower Upper
69 100
41 156.3 125.8 188.6
100 33.5 27.0 40.6



#44
2,2,4-Trimethylpentane
Concen: 9.247 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.006 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 57 Resp: 3657322
Ion Ratio Lower Upper
57 100
41 37.0 29.4 44.2
56 32.1 25.0 37.4

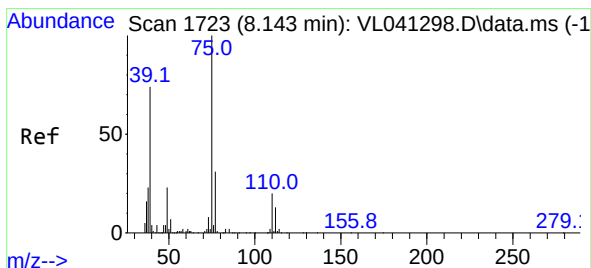
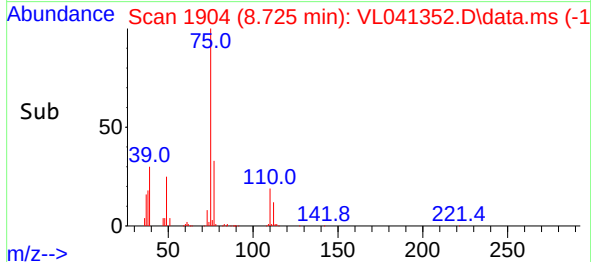
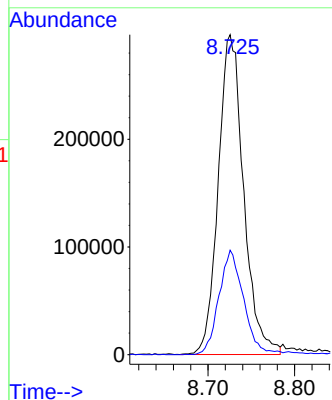
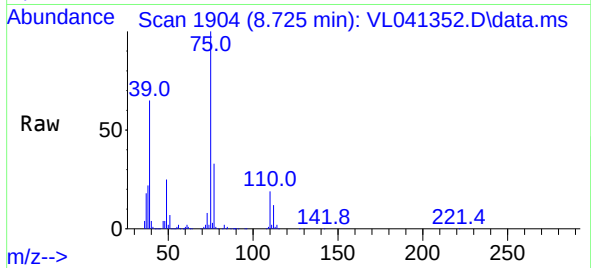




#45
t-1,3-Dichloropropene
Concen: 10.209 ppbv
RT: 8.725 min Scan# 1904
Delta R.T. 0.013 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

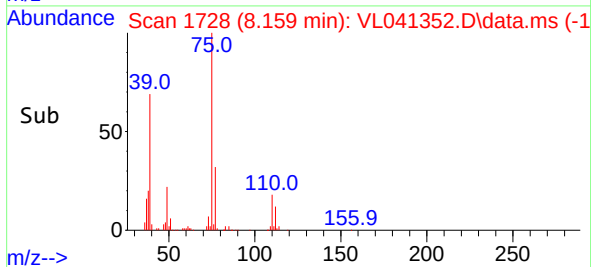
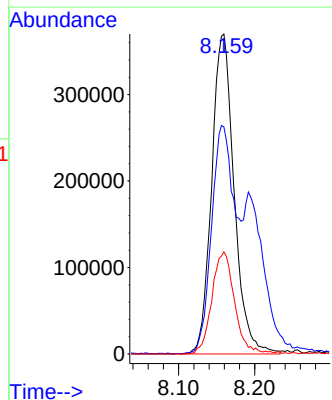
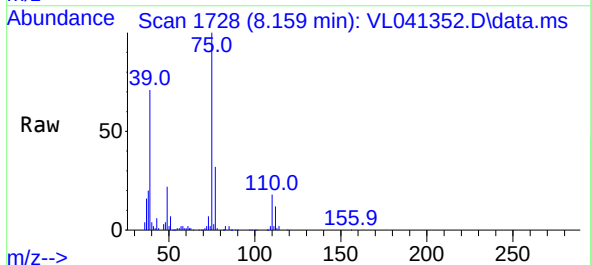
Instrument :
MSVOA_L
ClientSampleId :

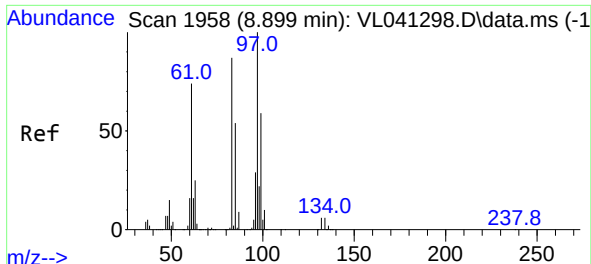
Tgt Ion: 75 Resp: 603609
Ion Ratio Lower Upper
75 100
77 32.7 24.7 37.1



#46
cis-1,3-Dichloropropene
Concen: 9.964 ppbv
RT: 8.159 min Scan# 1728
Delta R.T. 0.016 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 75 Resp: 758294
Ion Ratio Lower Upper
75 100
39 70.8 59.2 88.8
77 31.9 25.0 37.6



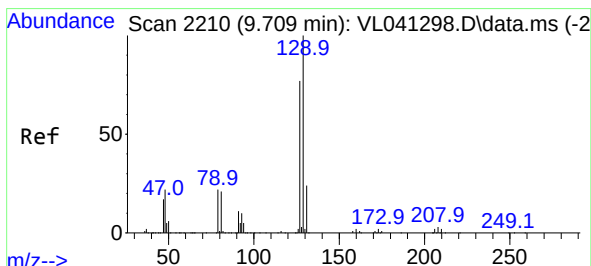
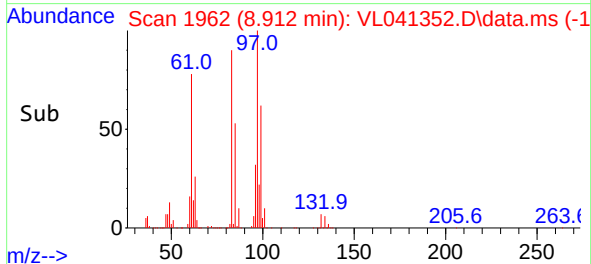
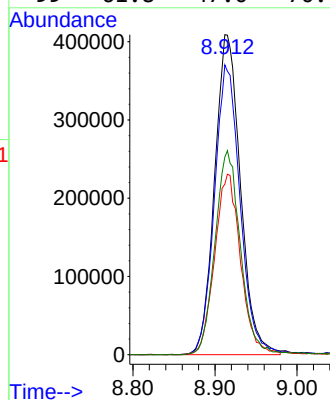
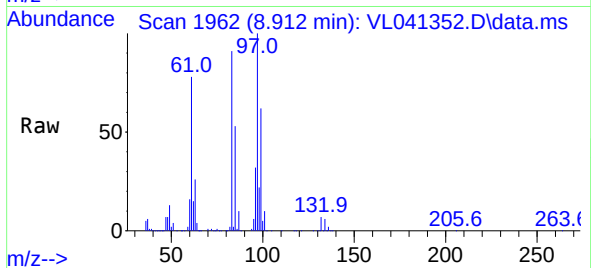


#47
1,1,2-Trichloroethane
Concen: 9.347 ppbv
RT: 8.912 min Scan# 1958
Delta R.T. 0.013 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 97 Resp: 894380

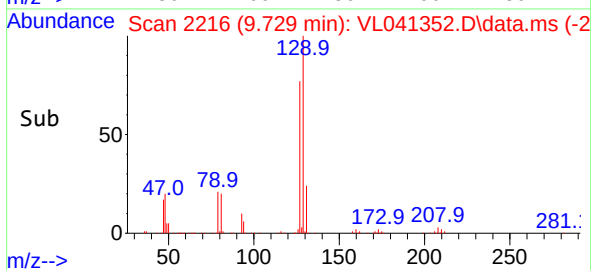
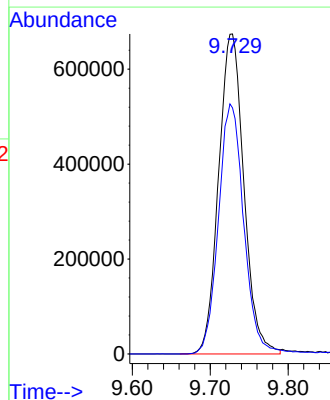
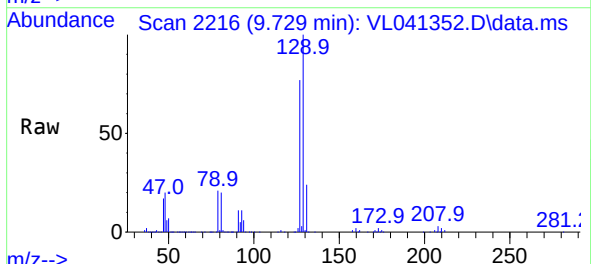
Ion	Ratio	Lower	Upper
97	100		
83	90.5	69.7	104.5
85	53.3	43.1	64.7
99	61.8	47.0	70.6

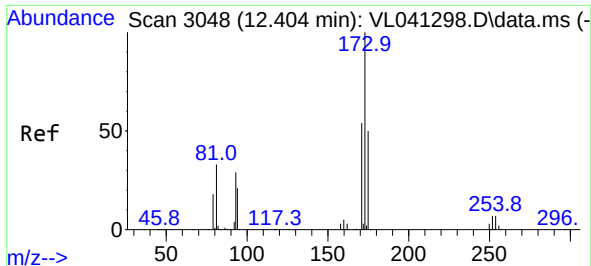


#48
Dibromochloromethane
Concen: 9.634 ppbv
RT: 9.729 min Scan# 2216
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 129 Resp: 1519271

Ion	Ratio	Lower	Upper
129	100		
127	79.8	39.1	117.5

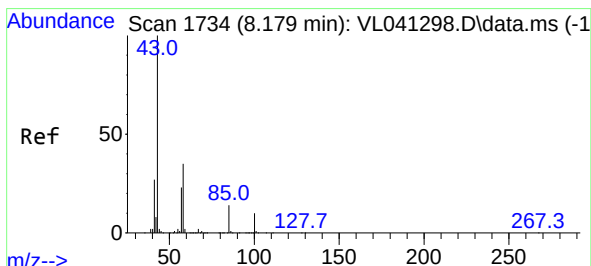
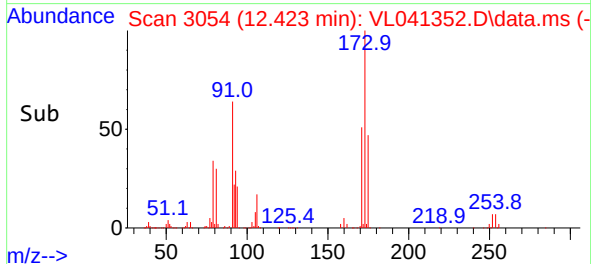
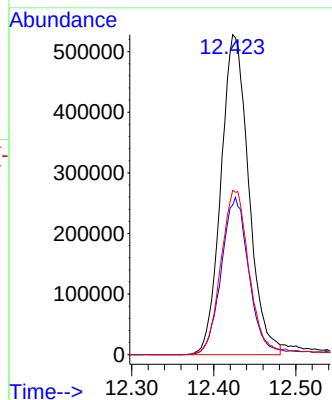
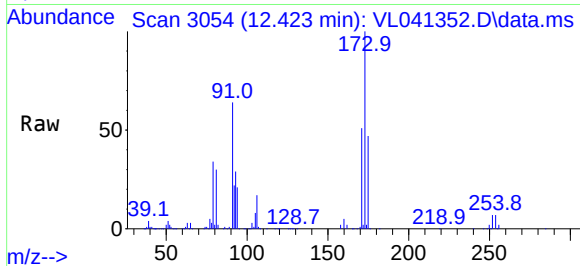




#49
Bromoform
Concen: 9.776 ppbv
RT: 12.423 min Scan# 3048
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

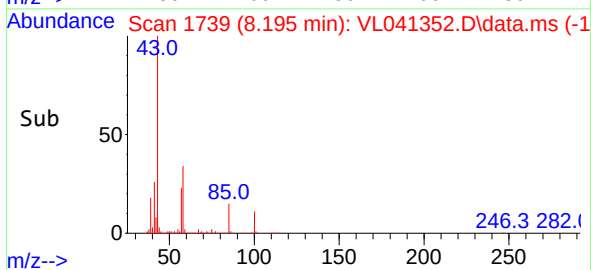
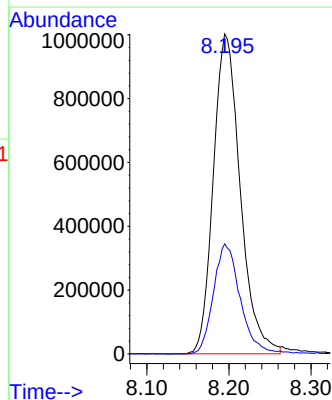
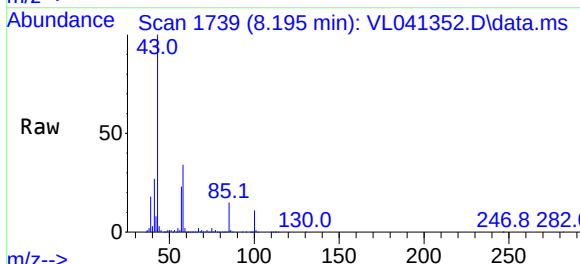
Instrument :
MSVOA_L
ClientSampleId :

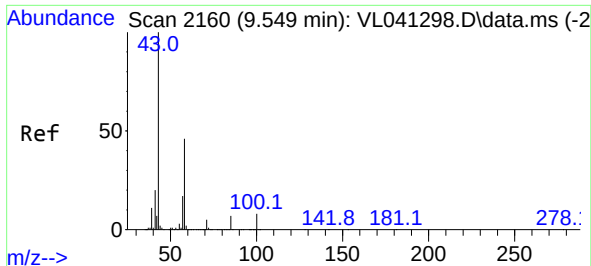
Tgt Ion:173 Resp: 1242320
Ion Ratio Lower Upper
173 100
175 50.4 39.9 59.9
171 54.8 42.6 63.8



#50
4-Methyl-2-Pentanone
Concen: 9.713 ppbv
RT: 8.195 min Scan# 1739
Delta R.T. 0.016 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 43 Resp: 2285377
Ion Ratio Lower Upper
43 100
58 34.8 27.7 41.5



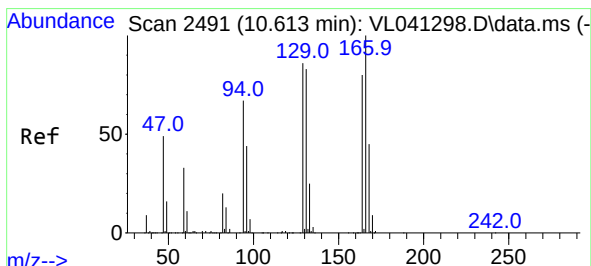
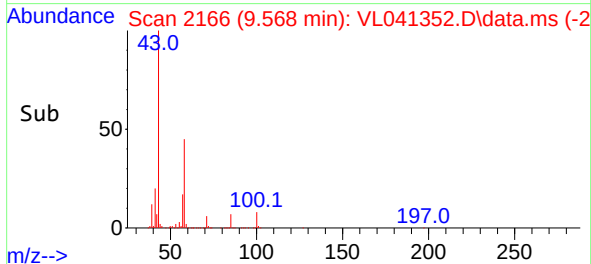
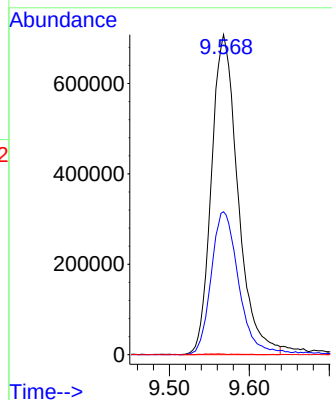
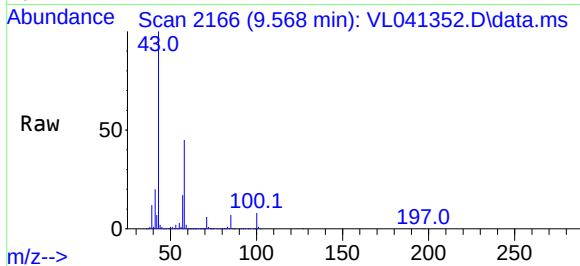


#51
2-Hexanone
Concen: 9.764 ppbv
RT: 9.568 min Scan# 2160
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :

Tgt Ion: 43 Resp: 1632814

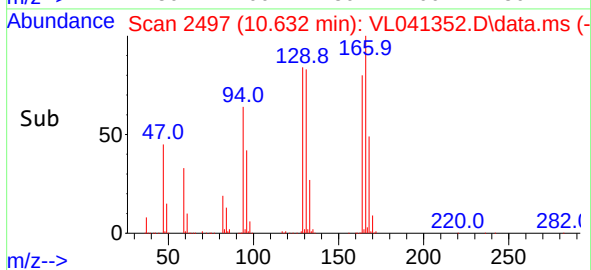
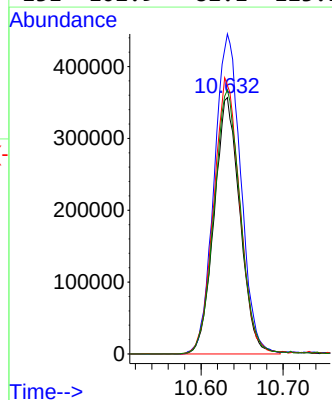
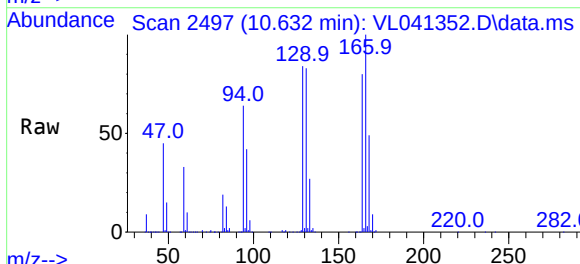
Ion	Ratio	Lower	Upper
43	100		
58	47.5	37.4	56.0
98	0.2	0.2	0.4

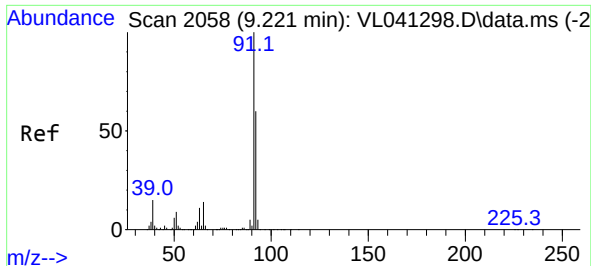


#52
Tetrachloroethene
Concen: 9.298 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 164 Resp: 779743

Ion	Ratio	Lower	Upper
164	100		
166	124.8	99.4	149.0
129	104.7	85.4	128.2
131	102.9	82.1	123.1

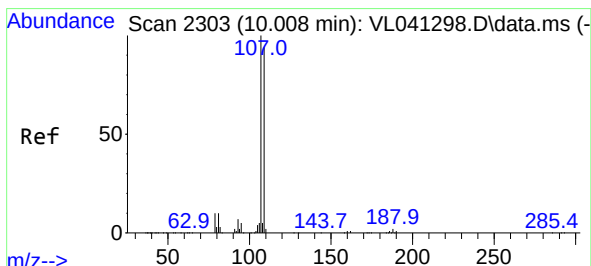
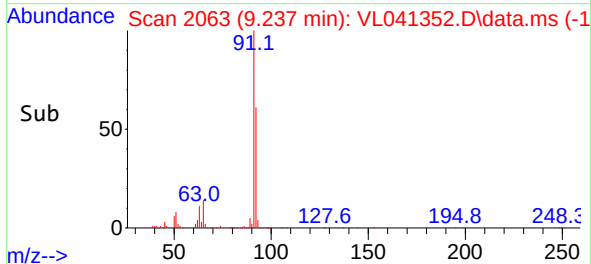
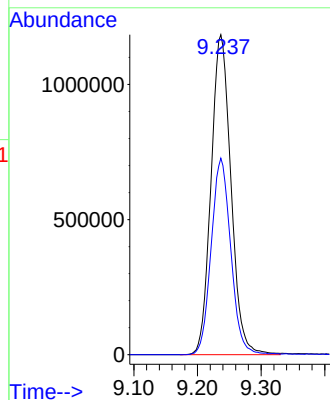
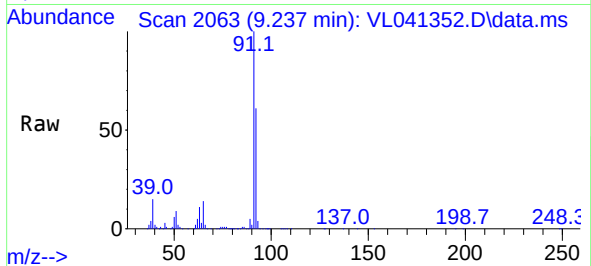




#53
Toluene
Concen: 9.729 ppbv
RT: 9.237 min Scan# 2058
Delta R.T. 0.016 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

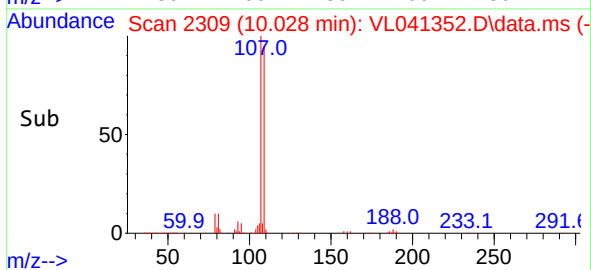
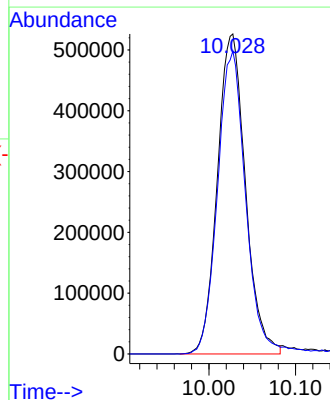
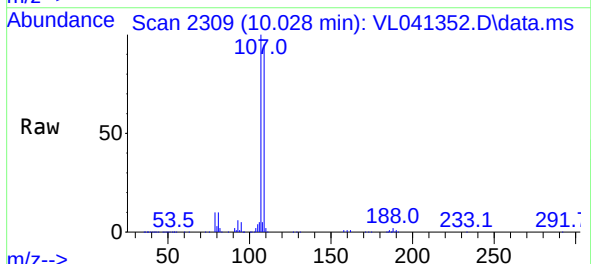
Instrument :
MSVOA_L
ClientSampleId :

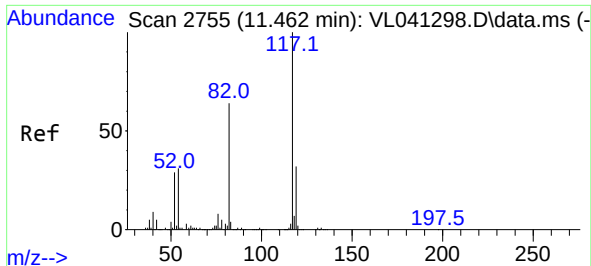
Tgt Ion: 91 Resp: 2573407
Ion Ratio Lower Upper
91 100
92 60.6 49.2 73.8



#54
1,2-Dibromoethane
Concen: 9.499 ppbv
RT: 10.028 min Scan# 2309
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

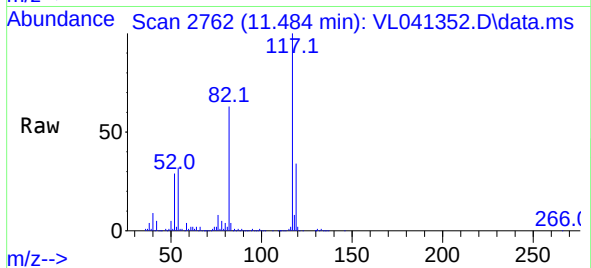
Tgt Ion: 107 Resp: 1184946
Ion Ratio Lower Upper
107 100
109 94.7 75.0 112.6



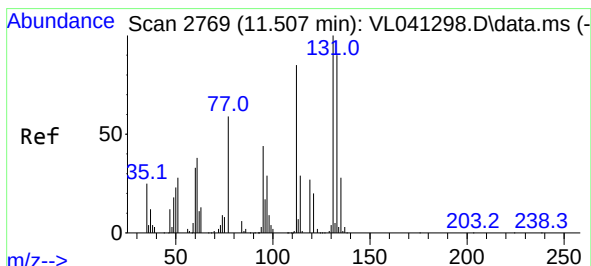
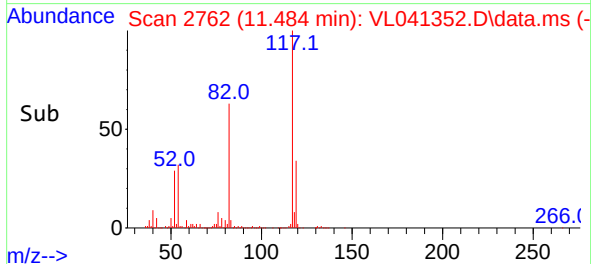
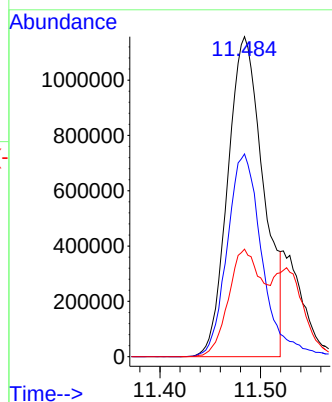


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 21
Delta R.T. 0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :

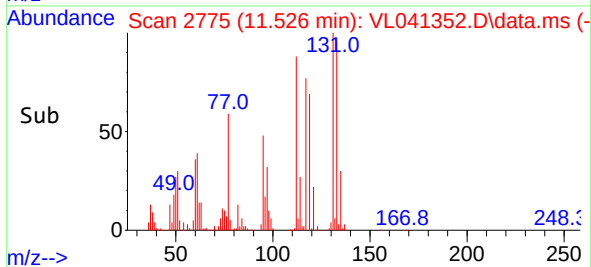
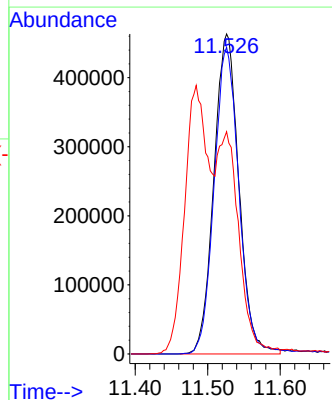
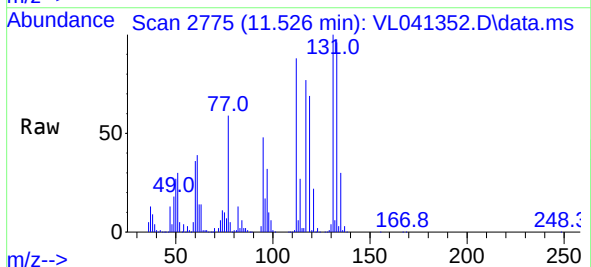


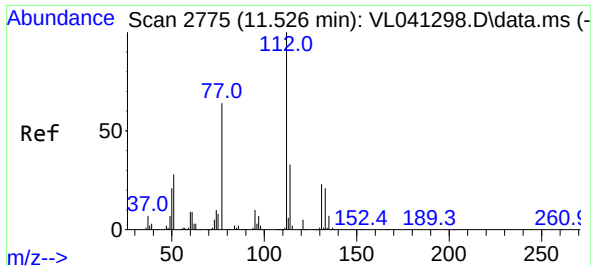
Tgt Ion:117 Resp: 2859012
Ion Ratio Lower Upper
117 100
82 63.2 52.3 78.5
119 30.9 26.2 39.2



#56
1,1,1,2-Tetrachloroethane
Concen: 9.158 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:131 Resp: 1107423
Ion Ratio Lower Upper
131 100
133 96.0 75.8 113.6
119 61.7 48.3 72.5

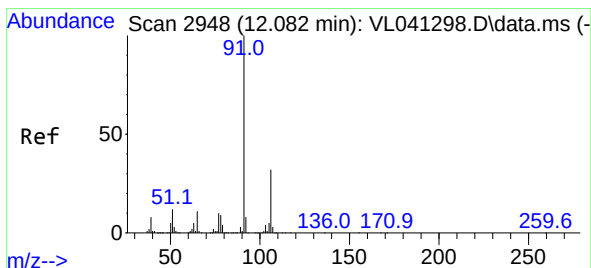
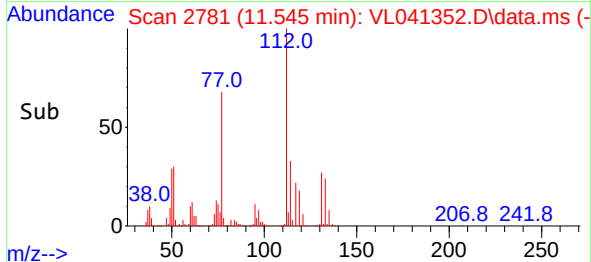
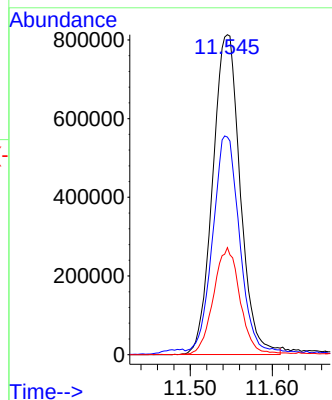
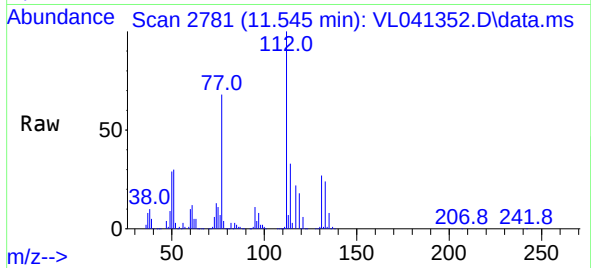




#57
Chlorobenzene
Concen: 8.940 ppbv
RT: 11.545 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

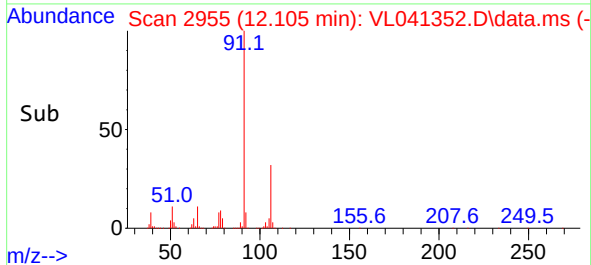
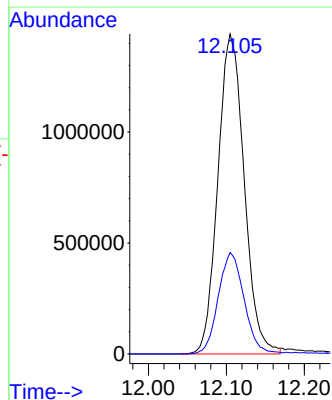
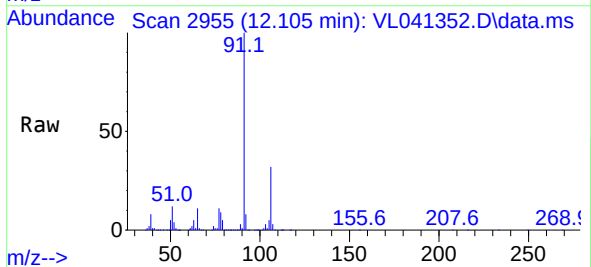
Instrument :
MSVOA_L
ClientSampleId :

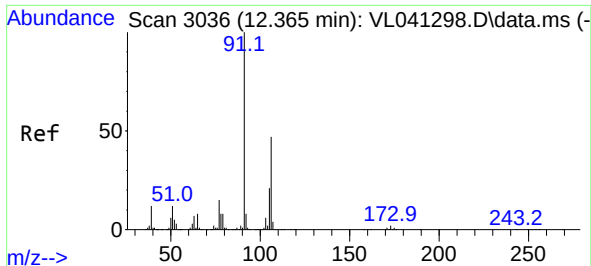
Tgt Ion:112 Resp: 1898524
Ion Ratio Lower Upper
112 100
77 66.5 52.0 78.0
114 33.4 29.8 36.4



#58
Ethyl Benzene
Concen: 9.233 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 91 Resp: 3383570
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3

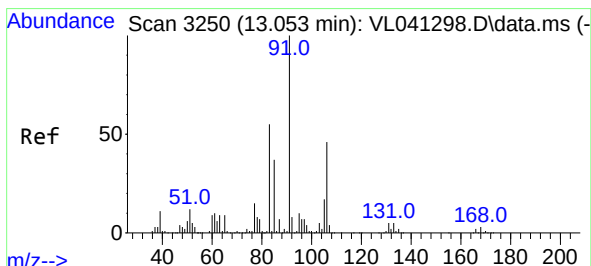
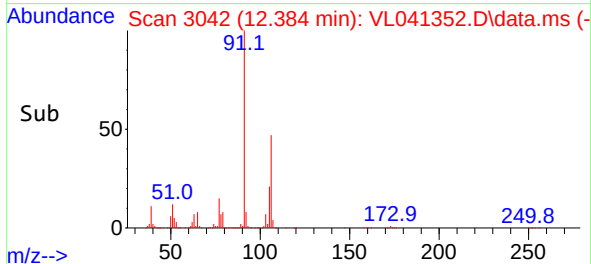
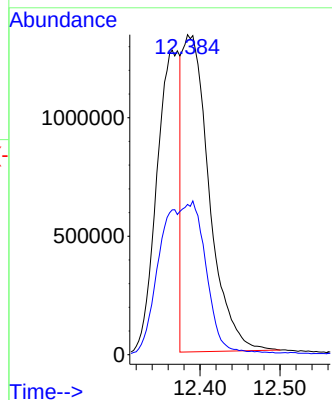
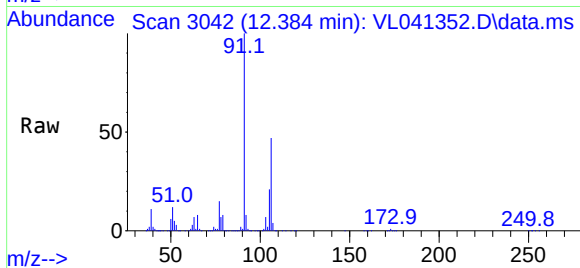




#59
m/p-Xylene
Concen: 9.928 ppbv
RT: 12.384 min Scan# 3042
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

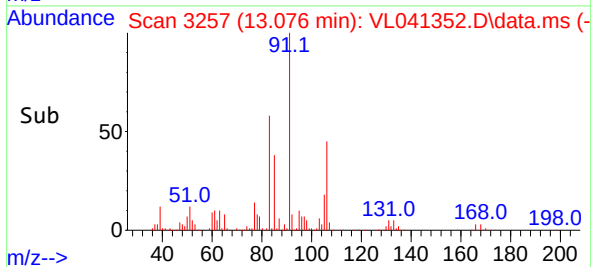
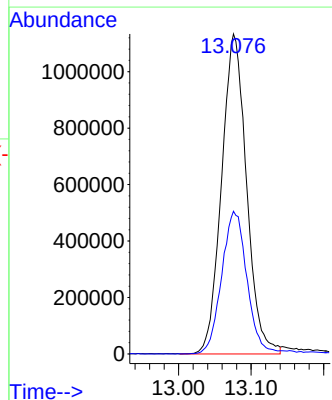
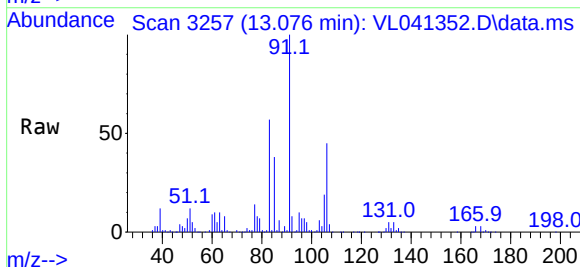
Instrument :
MSVOA_L
ClientSampleId :

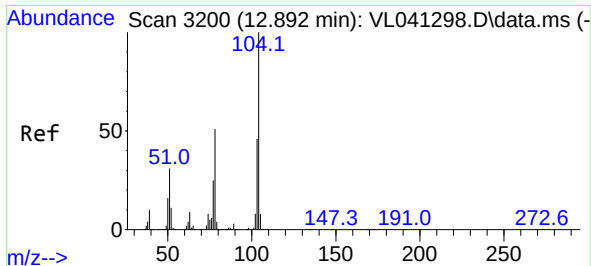
Tgt Ion: 91 Resp: 3117354
Ion Ratio Lower Upper
91 100
106 83.2 35.7 53.5#



#60
o-Xylene
Concen: 9.053 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. 0.022 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 91 Resp: 2709879
Ion Ratio Lower Upper
91 100
106 46.5 22.8 68.4

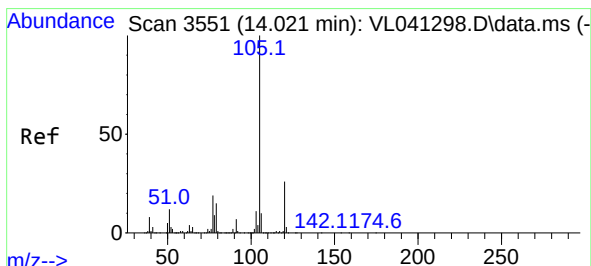
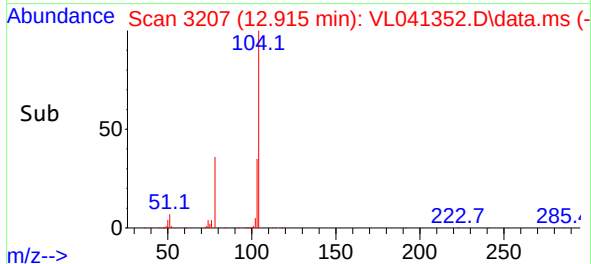
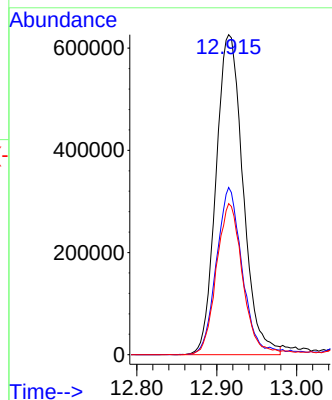
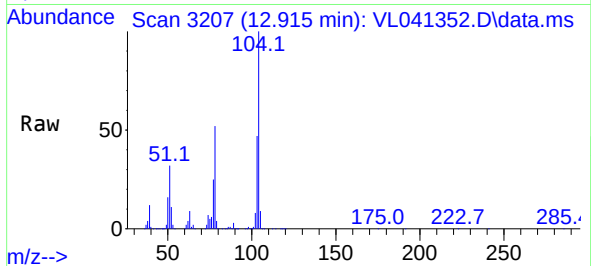




#61
Styrene
Concen: 10.023 ppbv
RT: 12.915 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

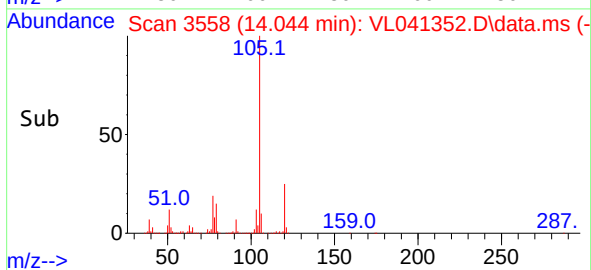
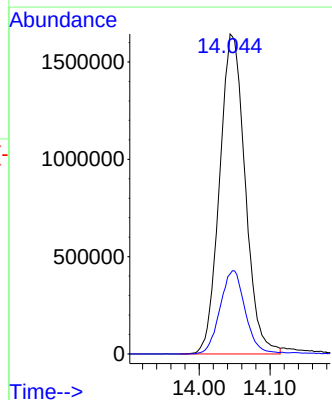
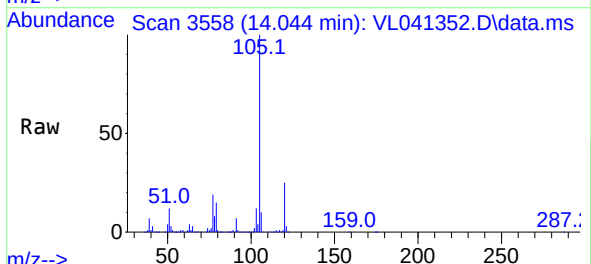
Instrument :
MSVOA_L
ClientSampleId :

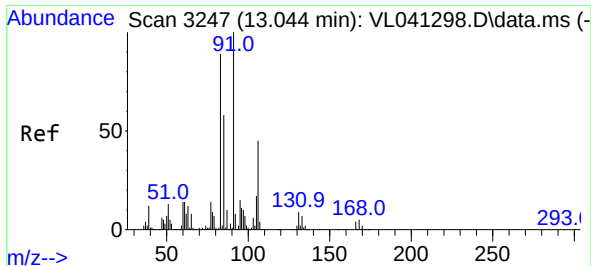
Tgt Ion:104 Resp: 1470875
Ion Ratio Lower Upper
104 100
78 50.8 42.2 63.4
103 46.7 37.9 56.9



#62
Isopropylbenzene
Concen: 9.092 ppbv
RT: 14.044 min Scan# 3558
Delta R.T. 0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:105 Resp: 4115995
Ion Ratio Lower Upper
105 100
120 26.1 20.4 30.6

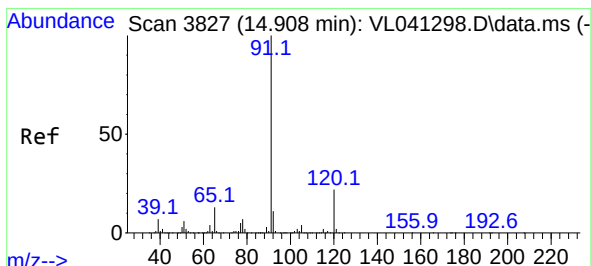
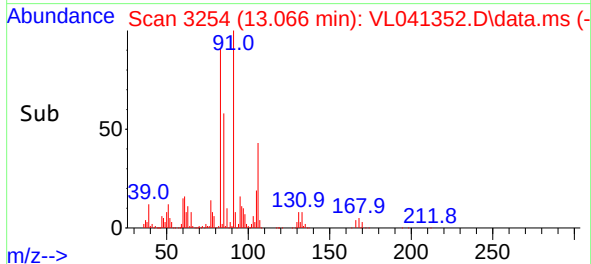
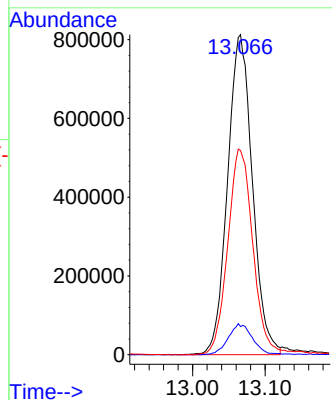
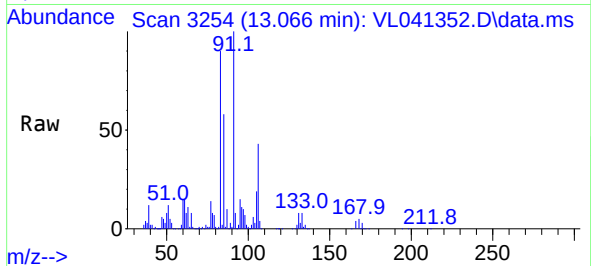




#63
1,1,2-Tetrachloroethane
Concen: 9.084 ppbv
RT: 13.066 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

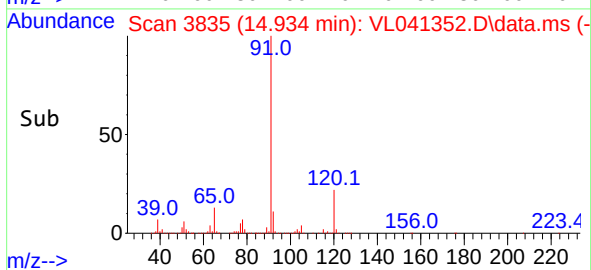
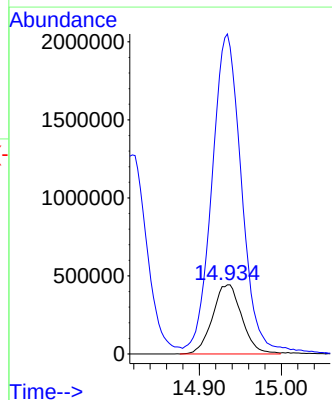
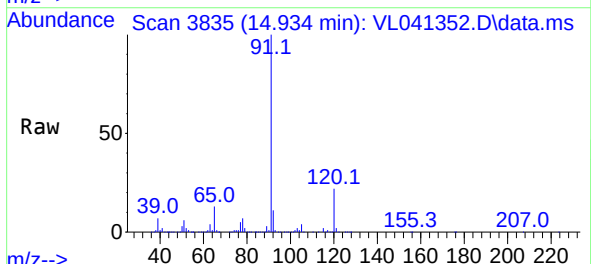
Instrument :
MSVOA_L
ClientSampleId :

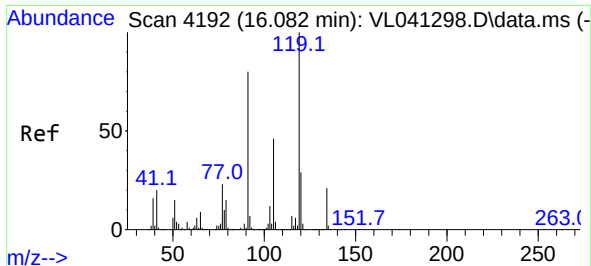
Tgt Ion: 83 Resp: 1934570
Ion Ratio Lower Upper
83 100
131 9.6 4.7 14.1
85 65.9 32.6 97.7



#64
n-propylbenzene
Concen: 9.397 ppbv
RT: 14.934 min Scan# 3835
Delta R.T. 0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:120 Resp: 1096452
Ion Ratio Lower Upper
120 100
91 473.0 374.2 561.2

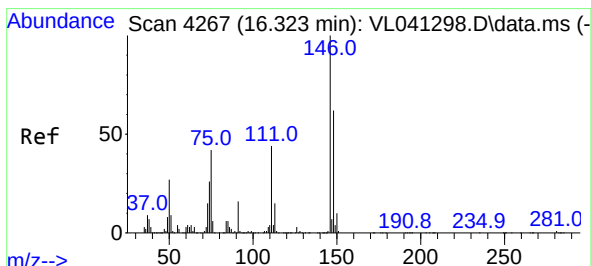
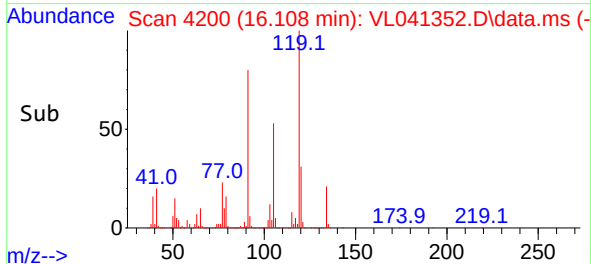
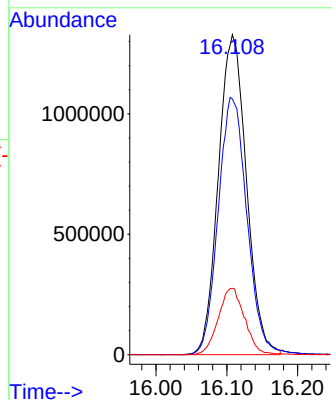
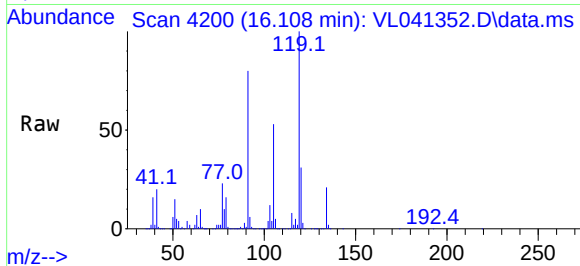




#65
tert-Butylbenzene
Concen: 9.094 ppbv
RT: 16.108 min Scan# 4192
Delta R.T. 0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

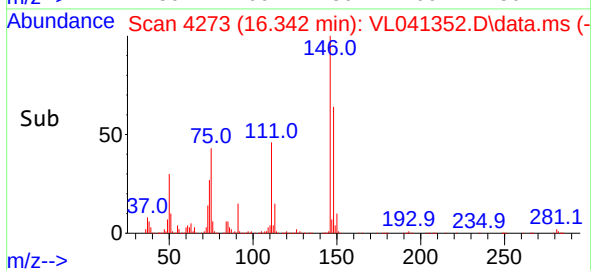
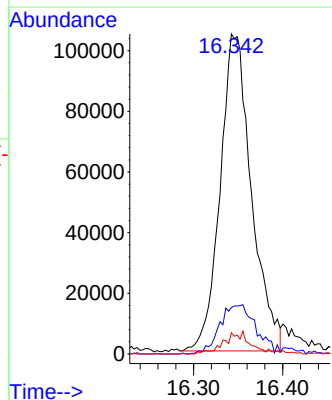
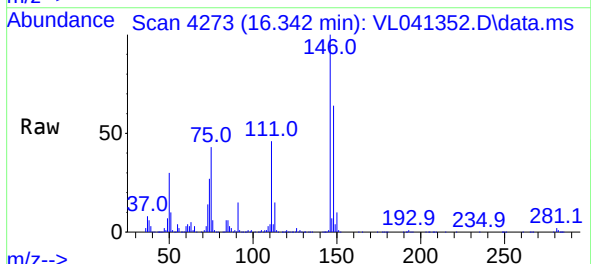
Instrument :
MSVOA_L
ClientSampleId :

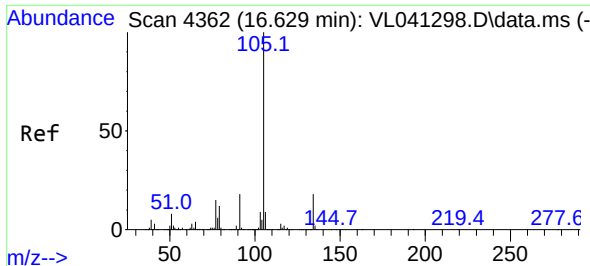
Tgt Ion:119 Resp: 3660050
Ion Ratio Lower Upper
119 100
91 82.2 66.5 99.7
134 19.6 15.7 23.5



#66
Benzyl Chloride
Concen: 9.631 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.019 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 91 Resp: 255013
Ion Ratio Lower Upper
91 100
126 19.2 13.4 20.2
128 6.2 4.6 6.8





#67

sec-Butylbenzene

Concen: 9.131 ppbv

RT: 16.654 min Scan# 41

Delta R.T. 0.026 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

Instrument :

MSVOA_L

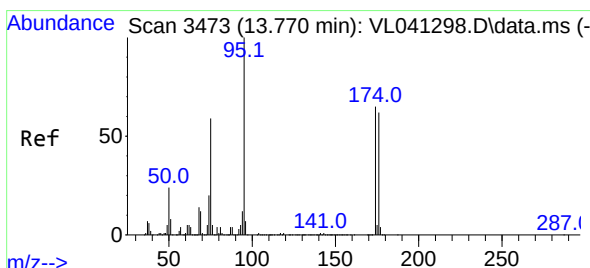
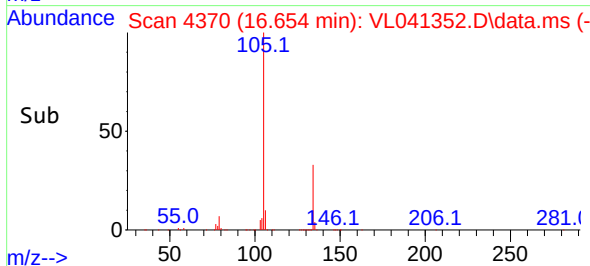
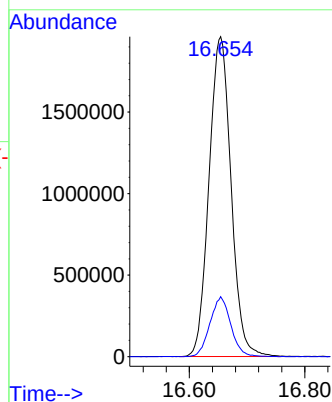
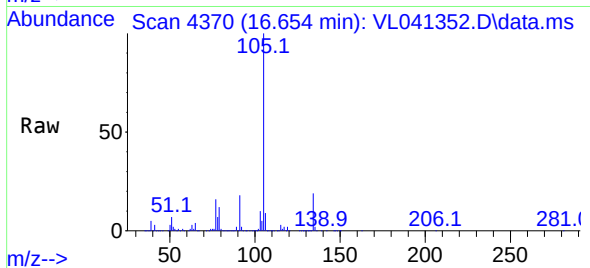
ClientSampleId :

Tgt Ion:105 Resp: 5191541

Ion Ratio Lower Upper

105 100

134 17.7 14.3 21.5



#68

1-Bromo-4-Fluorobenzene

Concen: 9.627 ppbv

RT: 13.793 min Scan# 3480

Delta R.T. 0.023 min

Lab File: VL041352.D

Acq: 26 Jun 2024 8:52

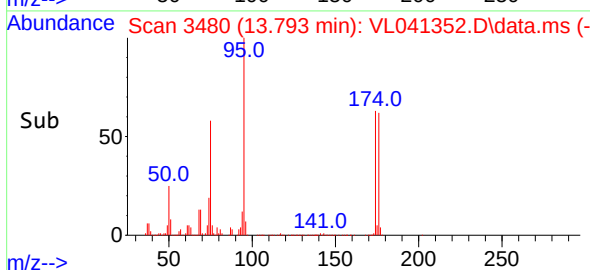
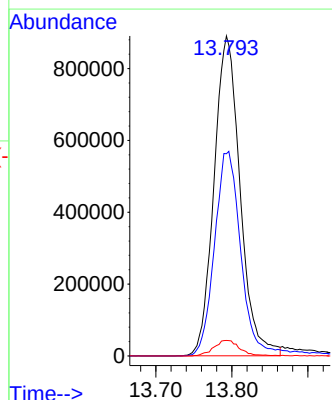
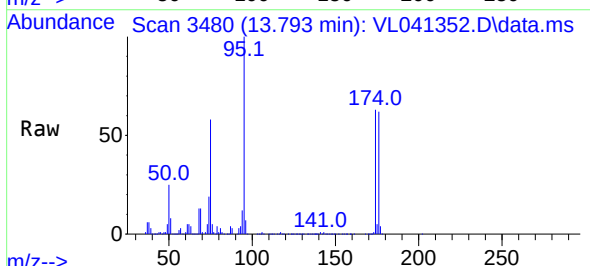
Tgt Ion: 95 Resp: 2125061

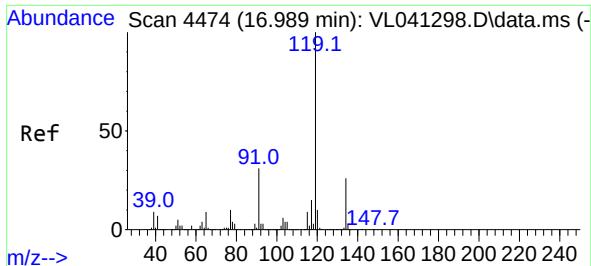
Ion Ratio Lower Upper

95 100

174 66.4 52.2 78.2

175 5.0 4.1 6.1

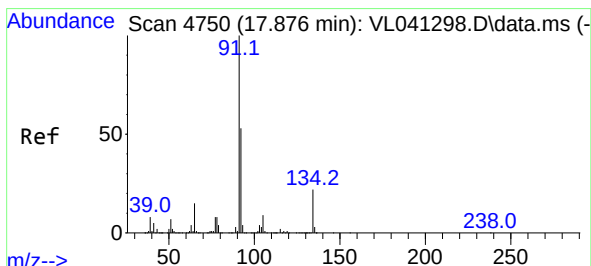
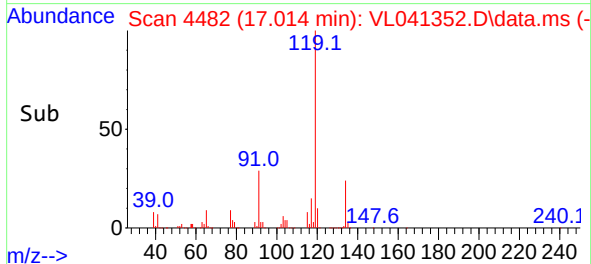
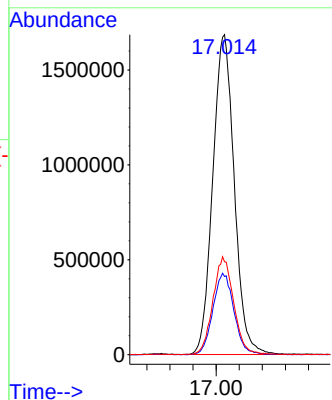
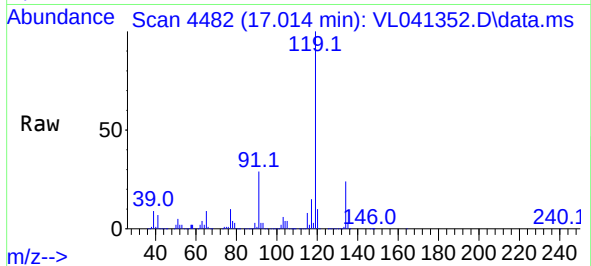




#69
p-Isopropyltoluene
Concen: 9.290 ppbv
RT: 17.014 min Scan# 4474
Delta R.T. 0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

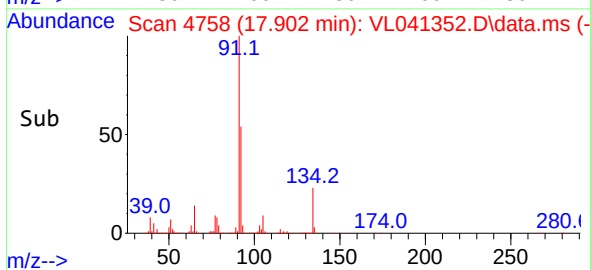
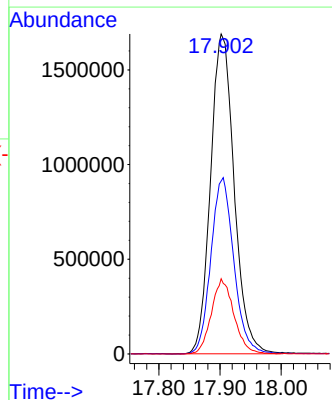
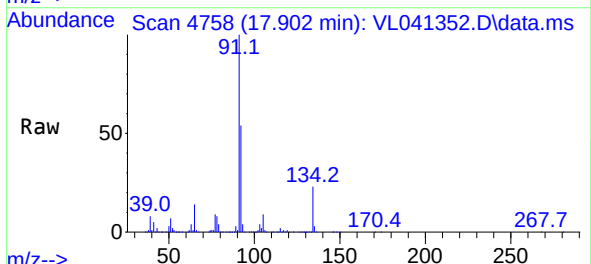
Instrument :
MSVOA_L
ClientSampleId :

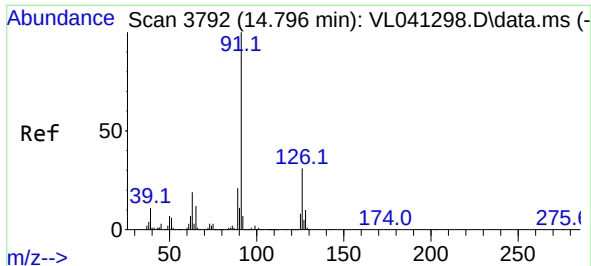
Tgt Ion:119 Resp: 4352908
Ion Ratio Lower Upper
119 100
134 25.0 20.1 30.1
91 29.6 24.1 36.1



#70
n-Butylbenzene
Concen: 9.335 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion: 91 Resp: 4537643
Ion Ratio Lower Upper
91 100
92 53.8 42.9 64.3
134 22.5 17.9 26.9

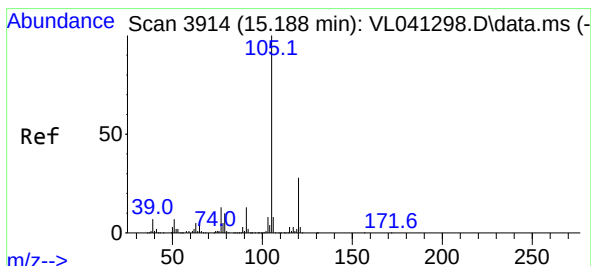
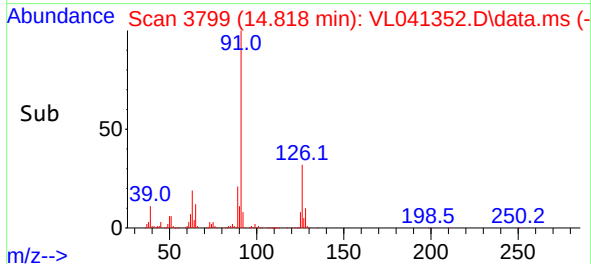
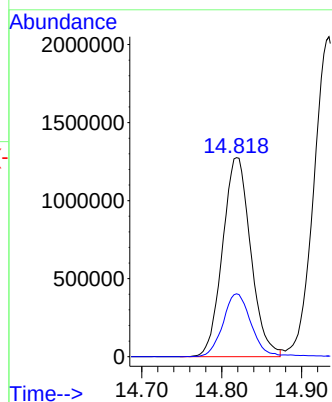
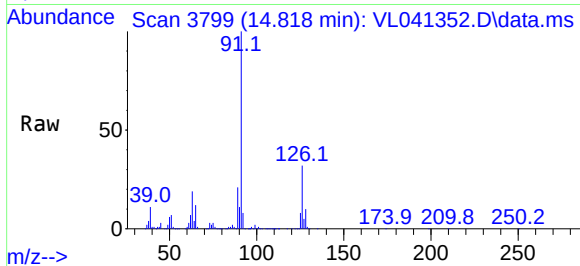




#71
2-Chlorotoluene
Concen: 9.001 ppbv
RT: 14.818 min Scan# 3118
Delta R.T. 0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

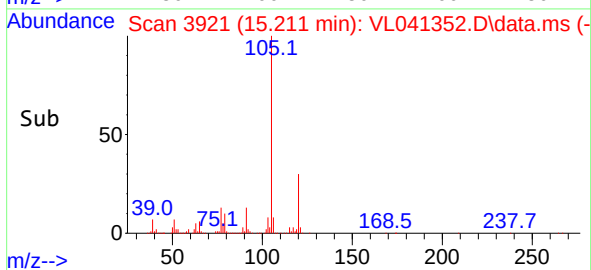
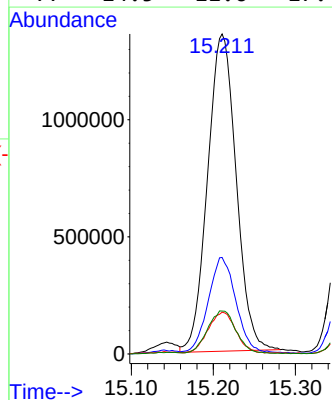
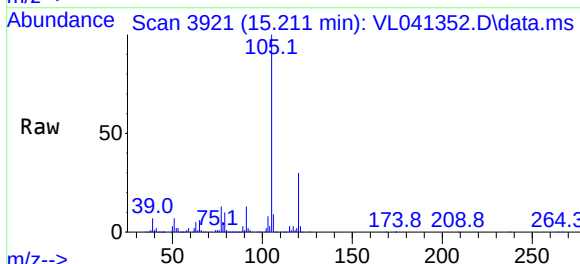
Instrument :
MSVOA_L
ClientSampleId :

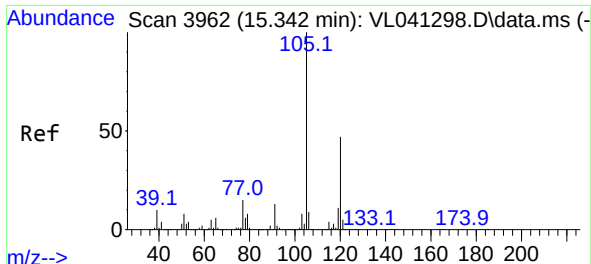
Tgt Ion: 91 Resp: 3118670
Ion Ratio Lower Upper
91 100
126 32.3 12.4 49.8



#72
4-Ethyltoluene
Concen: 9.421 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.022 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:105 Resp: 3285175
Ion Ratio Lower Upper
105 100
120 30.3 23.7 35.5
91 12.7 10.6 16.0
77 14.5 11.6 17.4

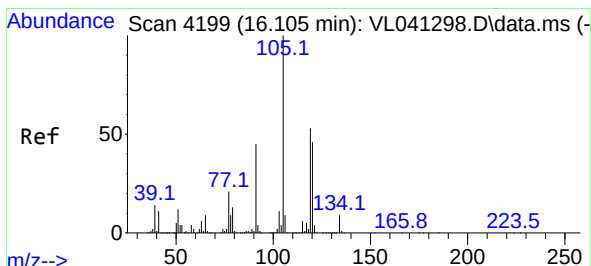
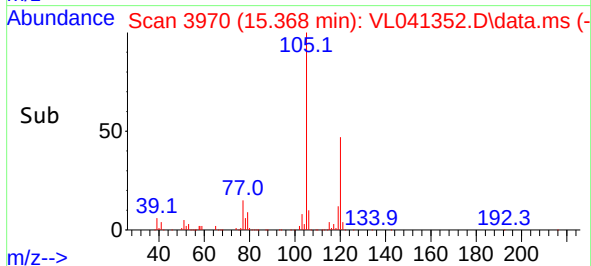
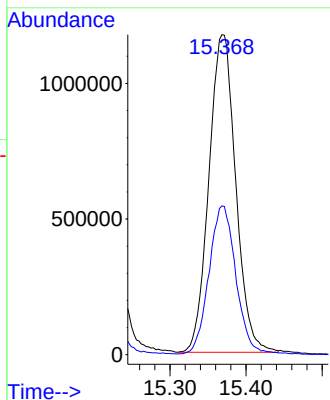
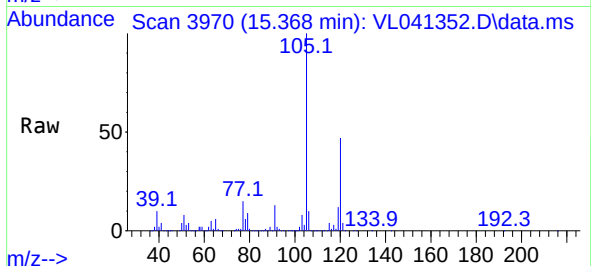




#73
 1,3,5-Trimethylbenzene
 Concen: 9.482 ppbv
 RT: 15.368 min Scan# 3962
 Delta R.T. 0.026 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

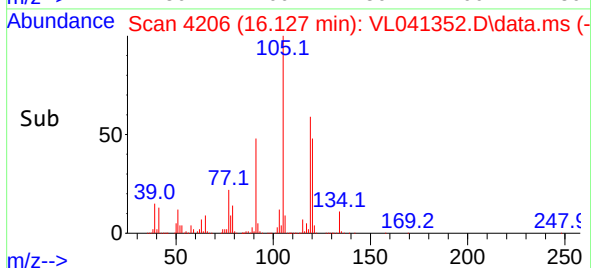
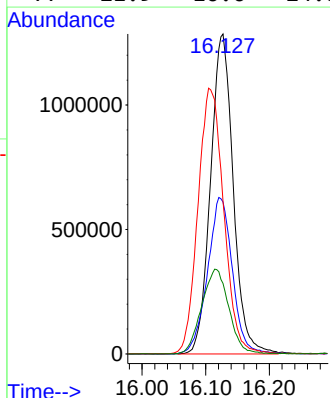
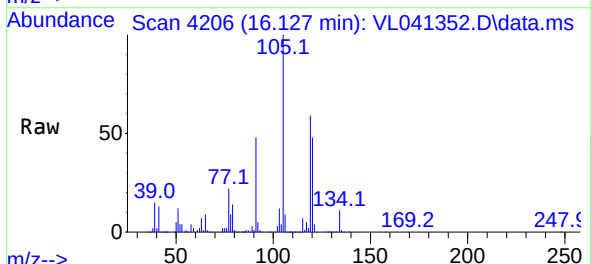
Instrument :
 MSVOA_L
 ClientSampleId :

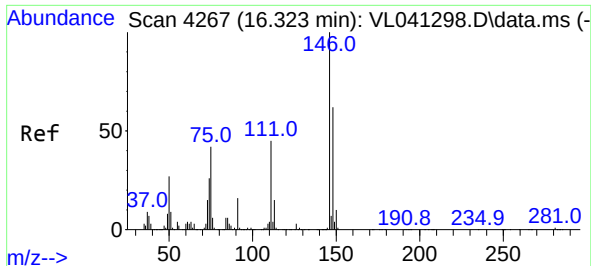
Tgt Ion:105 Resp: 2869895
 Ion Ratio Lower Upper
 105 100
 120 46.6 37.8 56.8



#74
 1,2,4-Trimethylbenzene
 Concen: 9.312 ppbv
 RT: 16.127 min Scan# 4206
 Delta R.T. 0.023 min
 Lab File: VL041352.D
 Acq: 26 Jun 2024 8:52

Tgt Ion:105 Resp: 3187317
 Ion Ratio Lower Upper
 105 100
 120 47.3 37.0 55.6
 91 47.5 36.2 54.4
 77 21.9 16.6 24.8

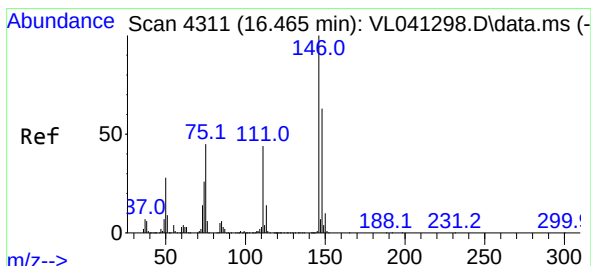
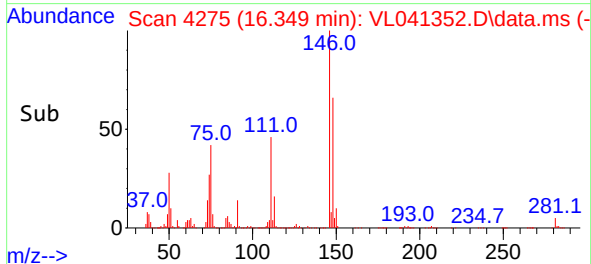
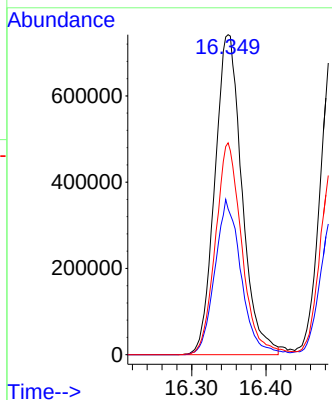
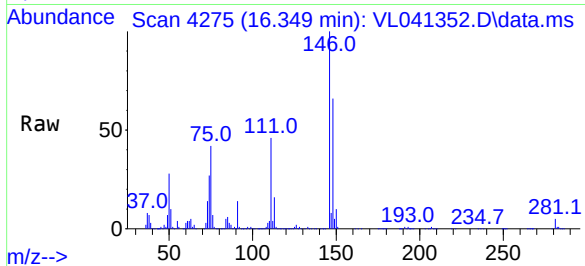




#75
1,3-Dichlorobenzene
Concen: 9.376 ppbv
RT: 16.349 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

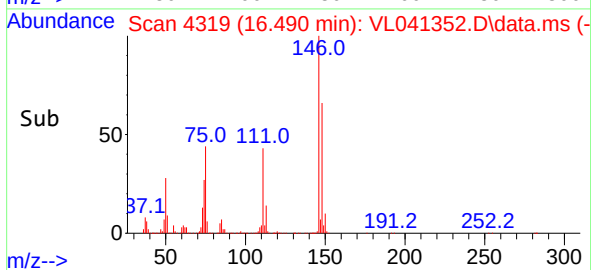
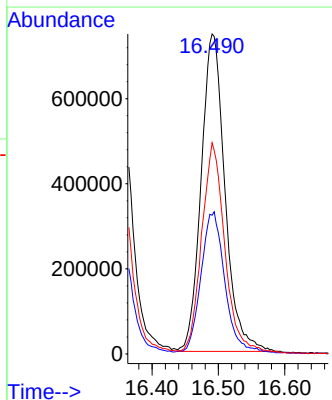
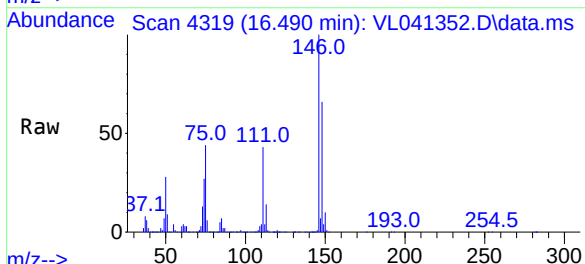
Instrument :
MSVOA_L
ClientSampleId :

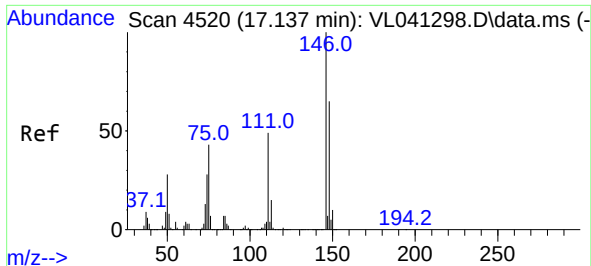
Tgt Ion:146 Resp: 1883920
Ion Ratio Lower Upper
146 100
111 47.0 23.3 69.8
148 64.6 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 9.284 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:146 Resp: 1864089
Ion Ratio Lower Upper
146 100
111 45.9 23.3 69.9
148 65.5 32.9 98.6

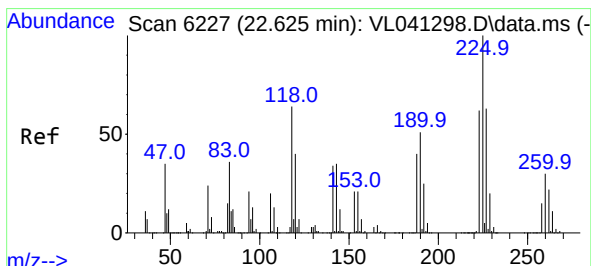
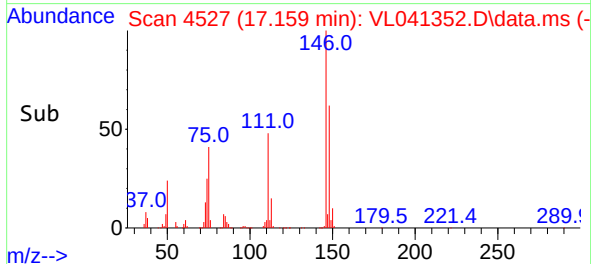
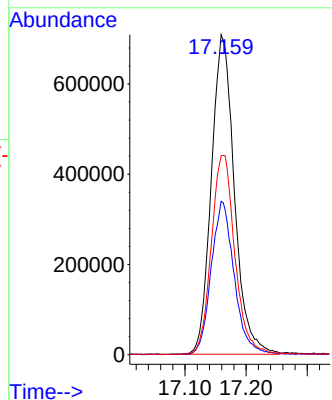
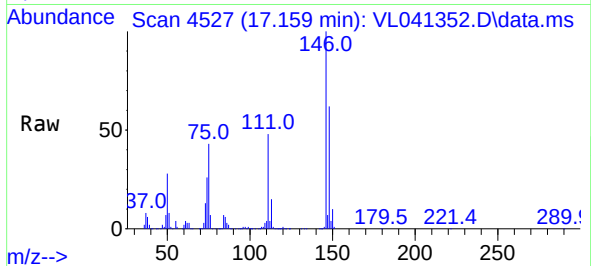




#77
1,2-Dichlorobenzene
Concen: 9.211 ppbv
RT: 17.159 min Scan# 41
Delta R.T. 0.023 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

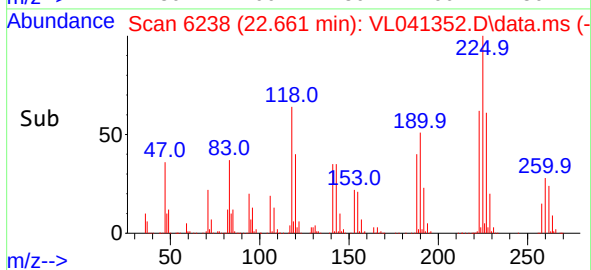
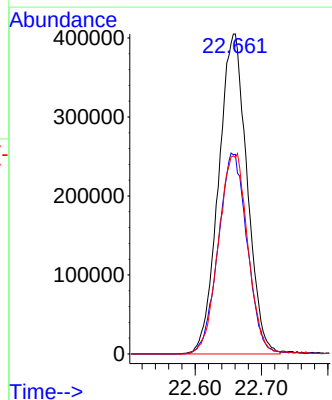
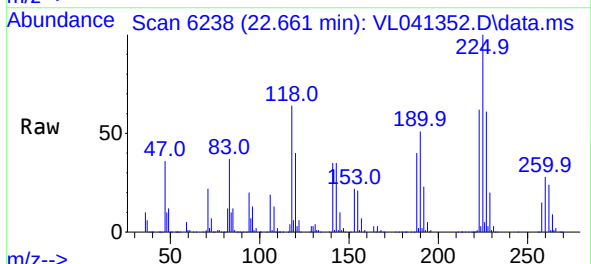
Instrument :
MSVOA_L
ClientSampleId :

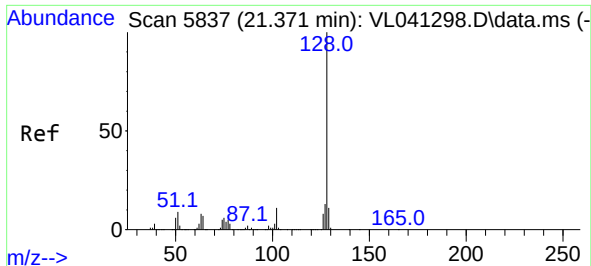
Tgt Ion:146 Resp: 1852808
Ion Ratio Lower Upper
146 100
111 48.1 24.3 72.9
148 63.9 32.0 96.0



#78
Hexachloro-1,3-Butadiene
Concen: 7.341 ppbv
RT: 22.661 min Scan# 6238
Delta R.T. 0.035 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Tgt Ion:225 Resp: 1210089
Ion Ratio Lower Upper
225 100
223 64.1 51.0 76.6
227 64.8 51.1 76.7

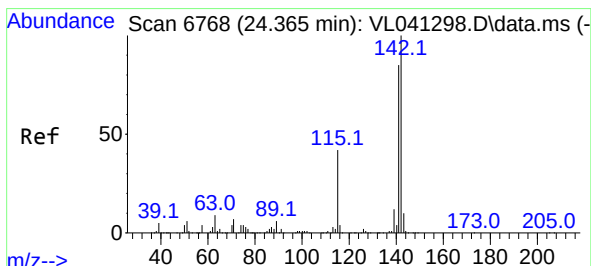
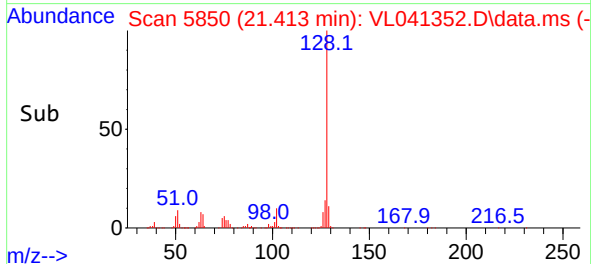
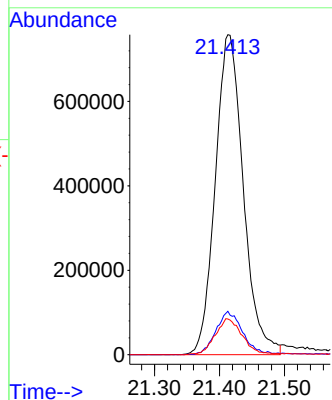
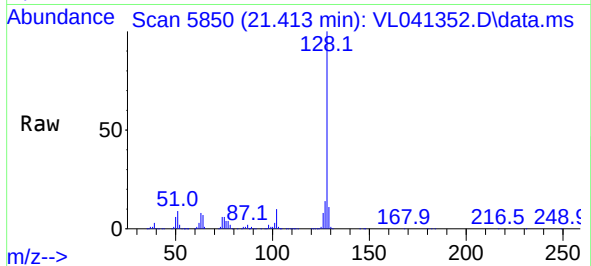




#79
Naphthalene
Concen: 7.630 ppbv
RT: 21.413 min Scan# 5850
Delta R.T. 0.042 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

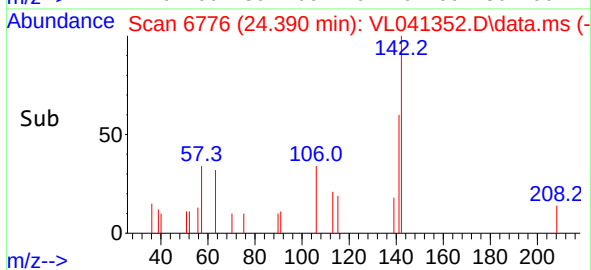
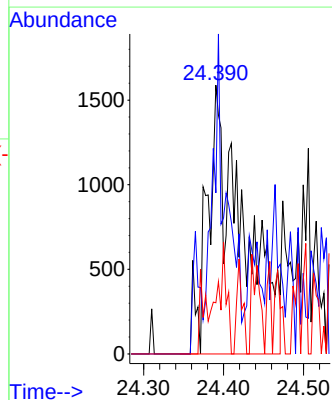
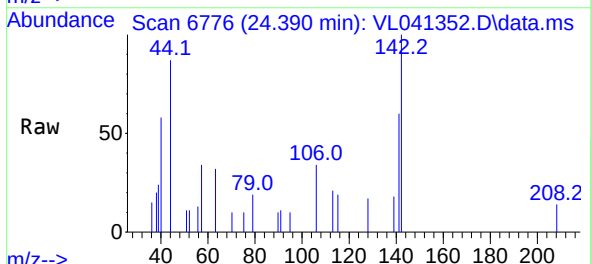
Instrument :
MSVOA_L
ClientSampleId :

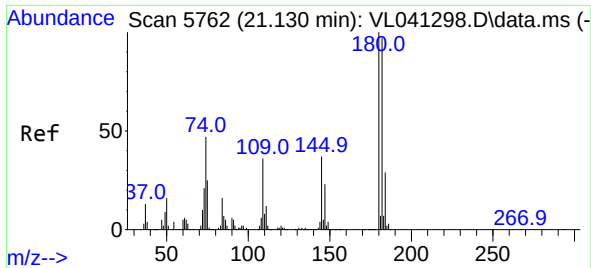
Tgt Ion:128 Resp: 2266201
Ion Ratio Lower Upper
128 100
127 13.5 10.5 15.7
129 11.2 9.1 13.7



#80
Naphthalene,2-methyl-
Concen: 0.049 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.026 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

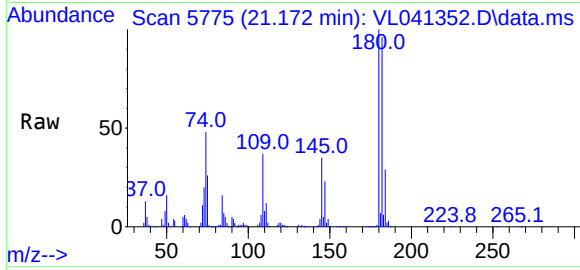
Tgt Ion:142 Resp: 4865
Ion Ratio Lower Upper
142 100
141 56.4 68.5 102.7#
115 16.3 32.6 49.0#





#81
1,2,4-Trichlorobenzene
Concen: 7.265 ppbv
RT: 21.172 min Scan# 51
Delta R.T. 0.042 min
Lab File: VL041352.D
Acq: 26 Jun 2024 8:52

Instrument :
MSVOA_L
ClientSampleId :



Tgt Ion:180 Resp: 1203250
Ion Ratio Lower Upper
180 100
182 97.6 77.0 115.6
184 31.5 0.0 0.0#

