

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031224\
 Data File : VL041093.D
 Acq On : 12 Mar 2024 11:11
 Operator : SY/MD
 Sample : VL0312ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0312ABS01

Quant Time: Mar 13 01:26:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 13 01:22:02 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1427726	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	3690228	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.474	117	3569504	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2765039	9.908	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.100%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	2592880	9.531	ppbv	98
3) Chlorodifluoromethane	2.661	51	1985349	9.468	ppbv	99
4) Chloromethane	2.803	50	751369	9.468	ppbv	100
5) Vinyl Chloride	2.909	62	778524	9.640	ppbv	99
6) Bromomethane	3.108	94	319004	9.961	ppbv	100
7) Chloroethane	3.189	64	272319	9.711	ppbv	91
8) Dichlorotetrafluoroethane	2.845	85	1904421	9.640	ppbv	99
9) Propene	2.684	41	668675	9.576	ppbv	99
10) Heptane	7.584	43	1724315	10.320	ppbv	98
11) Trichlorofluoromethane	3.555	101	1988775	9.480	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.060	101	1434280	9.299	ppbv	99
13) Ethanol	3.230	45	129979	6.985	ppbv	98
14) Bromoethene	3.356	108	610003	10.143	ppbv	98
15) Acetone	3.459	43	1347473	8.284	ppbv	98
16) 1,3-Butadiene	2.973	39	722676	9.795	ppbv	98
17) tert-Butyl alcohol	3.870	59	1294730	10.750	ppbv	99
18) 1,1-Dichloroethene	3.873	96	642009	9.537	ppbv	98
19) Isopropyl Alcohol	3.568	45	853557	9.824	ppbv	98
20) Methylene Chloride	3.928	84	537085	8.470	ppbv	95
21) Allyl Chloride	3.989	41	936392	10.193	ppbv	98
22) trans-1,2-Dichloroethene	4.439	96	649626	8.266	ppbv	95
23) Vinyl Acetate	4.623	43	1660359	9.021	ppbv	99
24) 1,1-Dichloroethane	4.558	63	1347677	8.105	ppbv	99
25) Ethyl Acetate	5.201	43	2913223	9.941	ppbv	100
26) Hexane	5.211	57	1267088	9.675	ppbv	99
27) Carbon Disulfide	4.118	76	1603783	10.215	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	961940	8.306	ppbv	99
29) Chloroform	5.272	83	2150263	9.641	ppbv	97
30) Cyclohexane	6.603	84	1088614	10.030	ppbv	99
31) cis-1,2-Dichloroethene	5.076	61	1328604	10.420	ppbv	96
32) 1,1,1-Trichloroethane	6.005	97	2141267	10.600	ppbv	99
34) 2-Butanone	4.780	43	1773602	9.707	ppbv	97
35) Carbon Tetrachloride	6.494	117	2259146	10.476	ppbv	99
36) Benzene	6.372	78	2726108	9.924	ppbv	98
37) 1,2-Dichloroethane	5.809	62	1614729	9.771	ppbv	99
38) Trichloroethene	7.298	130	1057765	10.602	ppbv	96
39) 1,2-Dichloropropane	7.076	63	1063426	9.678	ppbv	96
40) 1,4-Dioxane	7.285	88	398547	9.213	ppbv #	1
41) Tetrahydrofuran	5.555	42	1103044	10.144	ppbv	98
42) Bromodichloromethane	7.253	83	2386005	10.078	ppbv	100
43) Methyl Methacrylate	7.475	69	1129541	10.631	ppbv	100
44) 2,2,4-Trimethylpentane	7.330	57	4443187	9.686	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	869741	11.892	ppbv	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031224\
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 Sample : VL0312ABS01
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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 VL0312ABS01

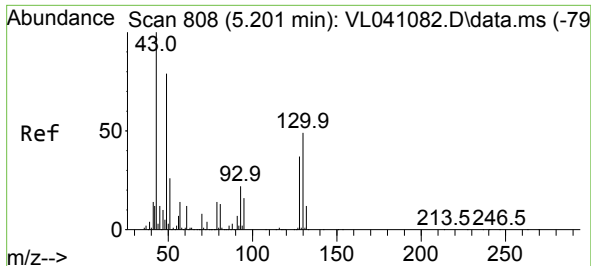
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Mar 13 01:22:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	1024006	11.149	ppbv	99
47) 1,1,2-Trichloroethane	8.905	97	1159660	9.894	ppbv	98
48) Dibromochloromethane	9.716	129	2039671	10.677	ppbv	98
49) Bromoform	12.417	173	1648931	10.852	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	2824249	10.481	ppbv	99
51) 2-Hexanone	9.555	43	2037442	10.322	ppbv #	98
52) Tetrachloroethene	10.622	164	927923	10.891	ppbv	96
53) Toluene	9.227	91	3122423	10.546	ppbv	99
54) 1,2-Dibromoethane	10.018	107	1669392	11.075	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.516	131	1468539	9.616	ppbv	96
57) Chlorobenzene	11.536	112	2440328	9.699	ppbv	98
58) Ethyl Benzene	12.098	91	4222011	10.103	ppbv	98
59) m/p-Xylene	12.381	91	3004751	8.191	ppbv #	4
60) o-Xylene	13.066	91	3475361	9.978	ppbv	100
61) Styrene	12.905	104	1804050	11.470	ppbv	99
62) Isopropylbenzene	14.040	105	4973100	9.611	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	2558020	9.771	ppbv	99
64) n-propylbenzene	14.924	120	1323292	10.164	ppbv	95
65) tert-Butylbenzene	16.101	119	4380373	9.741	ppbv	100
66) Benzyl Chloride	16.339	91	354350	11.630	ppbv	98
67) sec-Butylbenzene	16.645	105	6210658	9.601	ppbv	100
69) p-Isopropyltoluene	17.005	119	5061983	10.032	ppbv	100
70) n-Butylbenzene	17.895	91	5467527	10.026	ppbv	99
71) 2-Chlorotoluene	14.809	91	3953624	9.990	ppbv	99
72) 4-Ethyltoluene	15.201	105	3940955	10.277	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	3447596	10.159	ppbv	95
74) 1,2,4-Trimethylbenzene	16.117	105	3773095	9.735	ppbv	98
75) 1,3-Dichlorobenzene	16.339	146	2199348	9.937	ppbv	100
76) 1,4-Dichlorobenzene	16.484	146	2170359	9.732	ppbv	99
77) 1,2-Dichlorobenzene	17.149	146	2155920	9.968	ppbv	99
78) Hexachloro-1,3-Butadiene	22.644	225	1283261	8.428	ppbv	99
79) Naphthalene	21.397	128	2949127	13.139	ppbv	99
80) Naphthalene,2-methyl-	24.381	142	589482	16.384	ppbv	98
81) 1,2,4-Trichlorobenzene	21.149	180	1424119	11.018	ppbv	99

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

Quant Time: Mar 13 01:26:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
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QLast Update : Wed Mar 13 01:22:02 2024
Response via : Initial Calibration

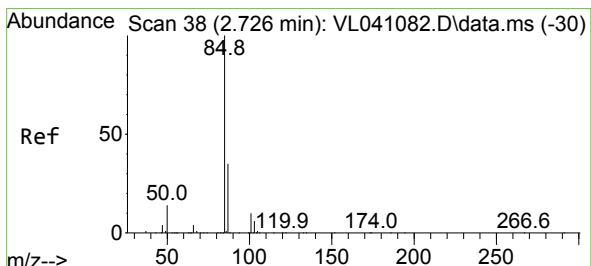
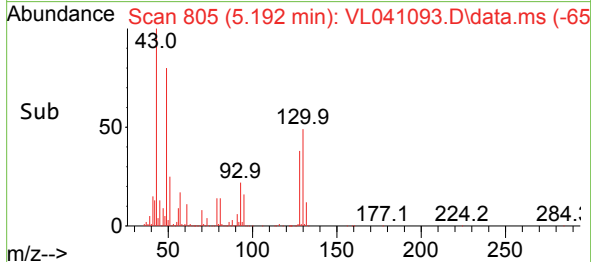
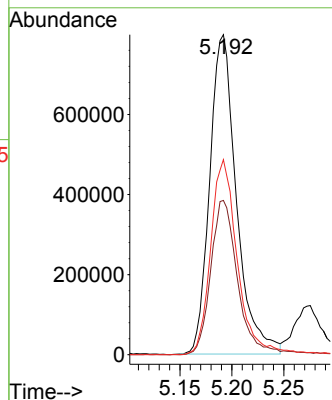
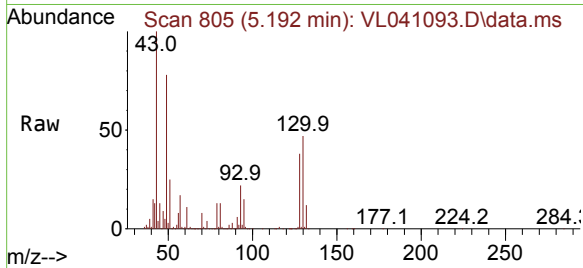




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.192 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

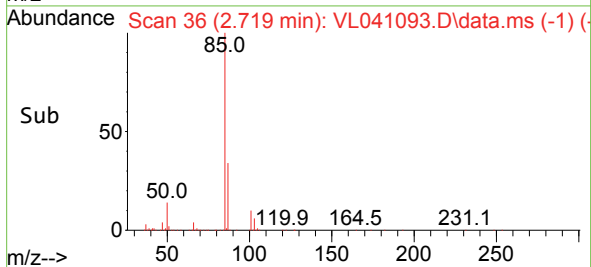
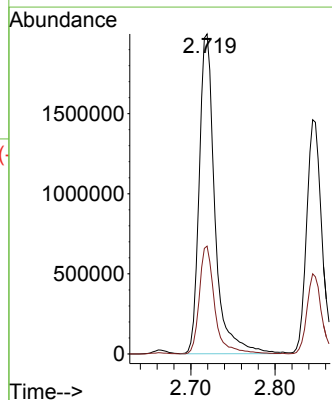
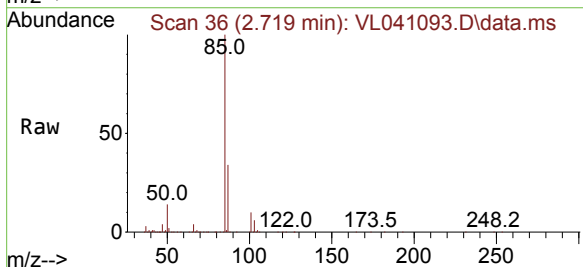
Instrument :
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 ClientSampleId :
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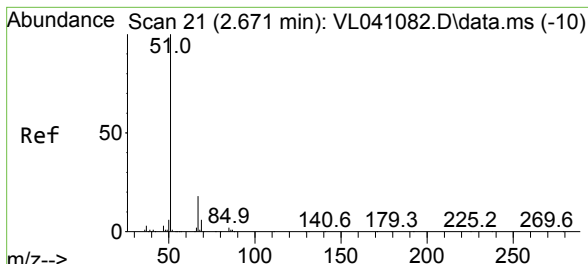
Tgt Ion: 49 Resp: 1427726
 Ion Ratio Lower Upper
 49 100
 128 49.6 23.8 71.5
 130 61.6 30.3 90.9



#2
 Dichlorodifluoromethane
 Concen: 9.531 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. -0.003 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

Tgt Ion: 85 Resp: 2592880
 Ion Ratio Lower Upper
 85 100
 87 33.7 28.1 42.1

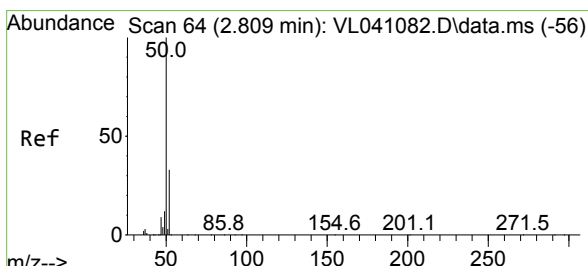
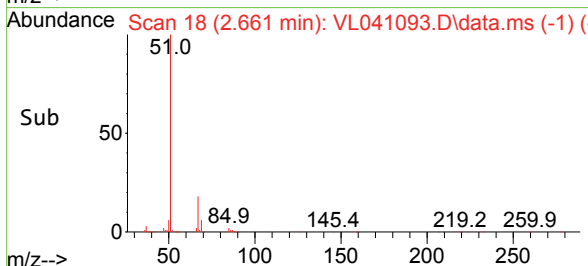
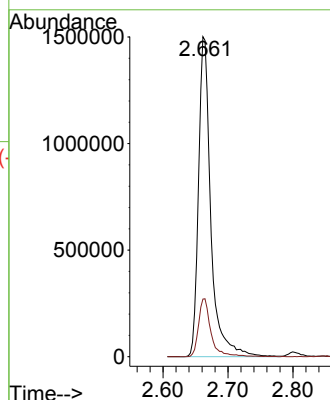
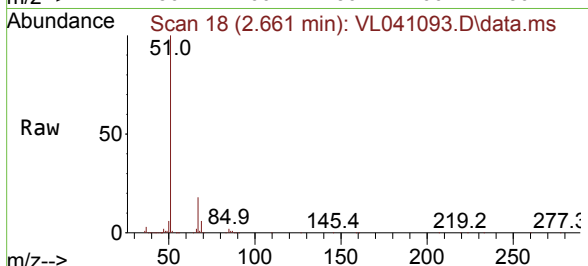




#3
 Chlorodifluoromethane
 Concen: 9.468 ppbv
 RT: 2.661 min Scan# 18
 Delta R.T. -0.003 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

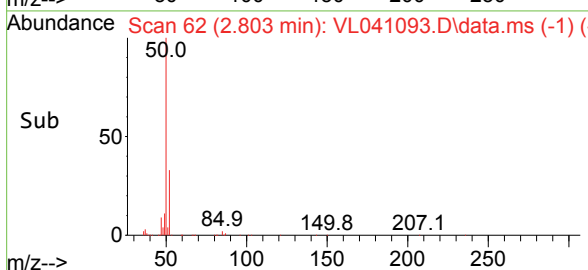
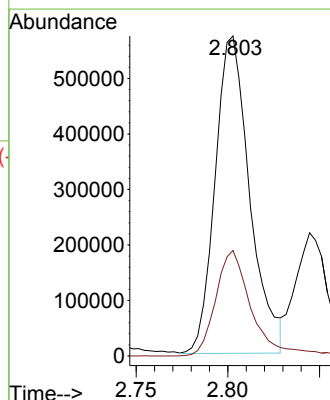
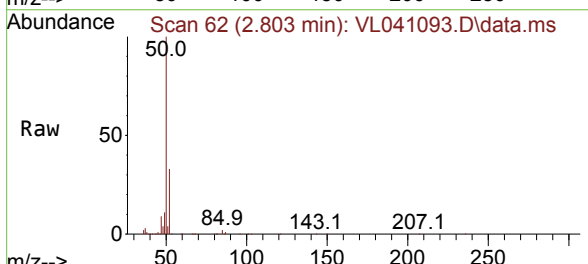
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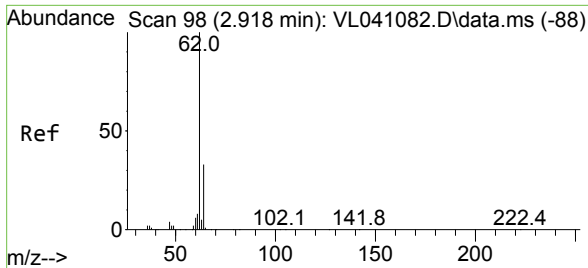
Tgt Ion: 51 Resp: 1985349
 Ion Ratio Lower Upper
 51 100
 67 18.3 14.5 21.7



#4
 Chloromethane
 Concen: 9.468 ppbv
 RT: 2.803 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

Tgt Ion: 50 Resp: 751369
 Ion Ratio Lower Upper
 50 100
 52 33.2 26.6 40.0

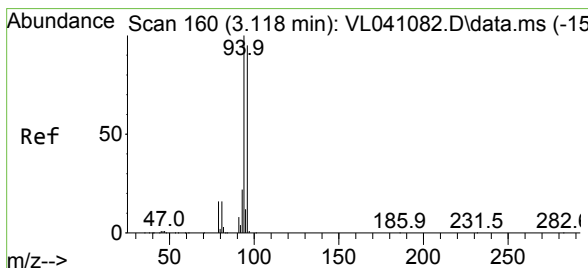
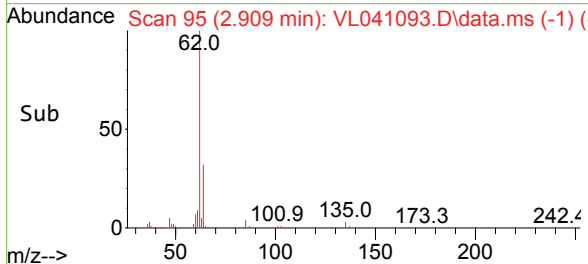
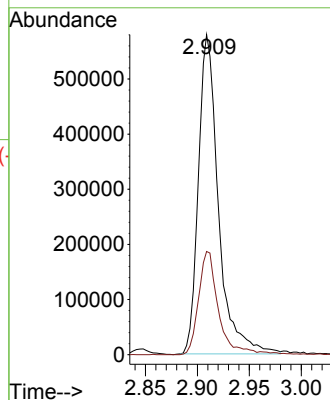
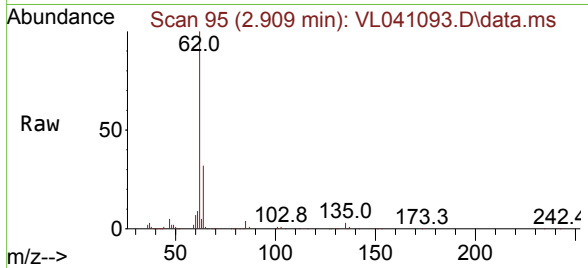




#5
 Vinyl Chloride
 Concen: 9.640 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.003 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

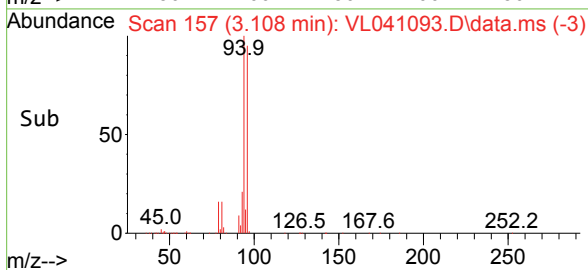
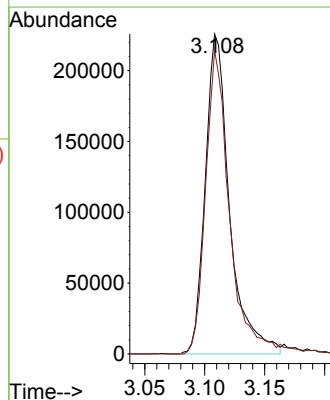
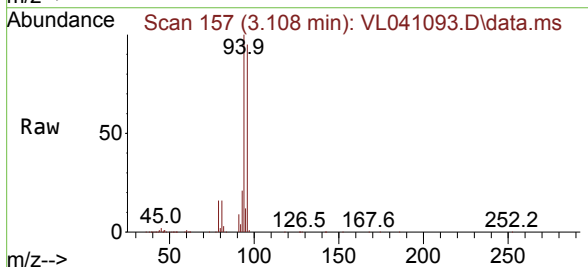
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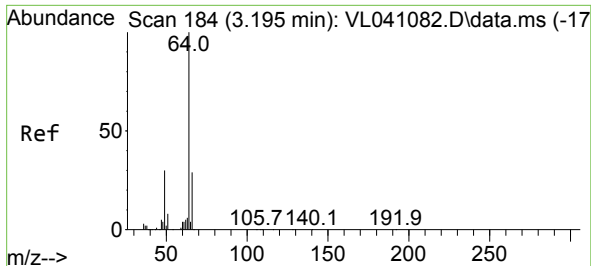
Tgt Ion: 62 Resp: 778524
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.5 39.7



#6
 Bromomethane
 Concen: 9.961 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.003 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

Tgt Ion: 94 Resp: 319004
 Ion Ratio Lower Upper
 94 100
 96 94.8 76.0 114.0

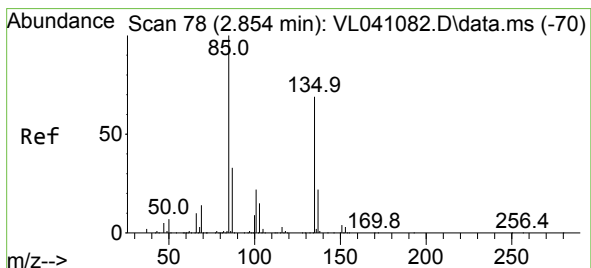
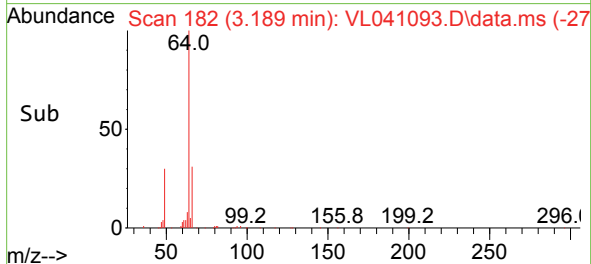
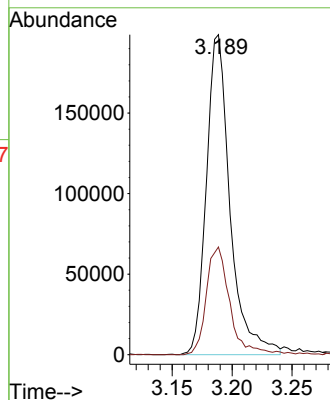
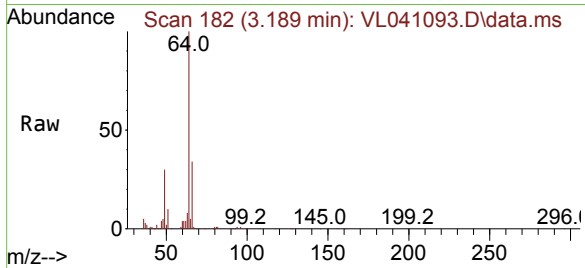




#7
Chloroethane
Concen: 9.711 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

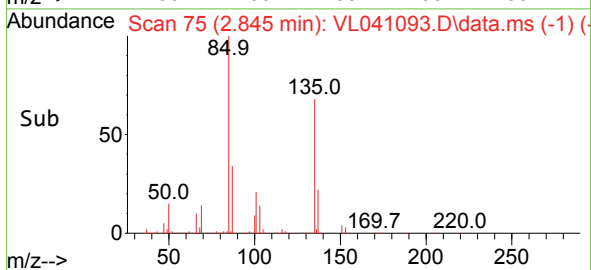
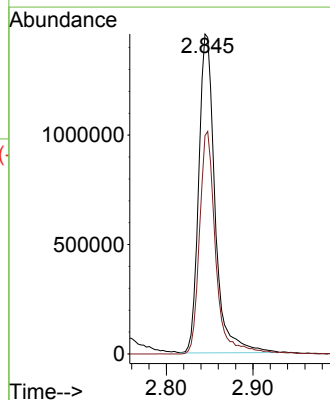
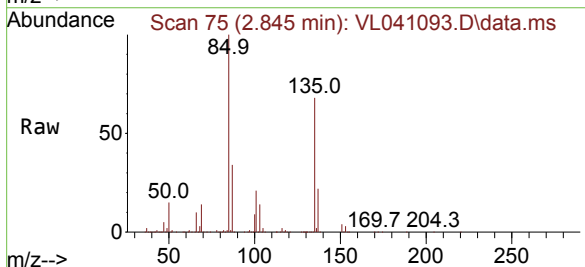
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ClientSampleId :
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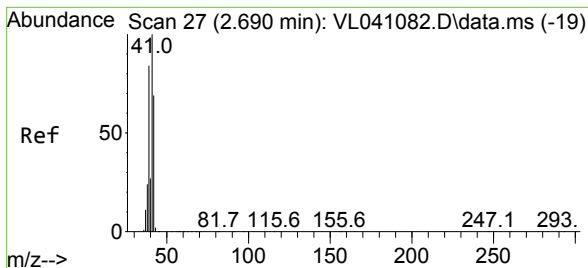
Tgt Ion: 64 Resp: 272319
Ion Ratio Lower Upper
64 100
66 33.6 23.2 34.8



#8
Dichlorotetrafluoroethane
Concen: 9.640 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 85 Resp: 1904421
Ion Ratio Lower Upper
85 100
135 69.7 56.7 85.1





#9

Propene

Concen: 9.576 ppbv

RT: 2.684 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

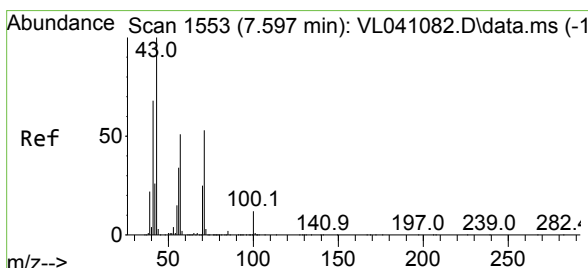
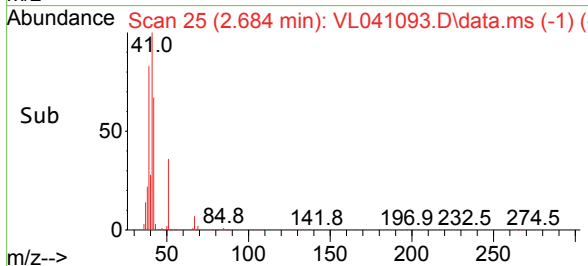
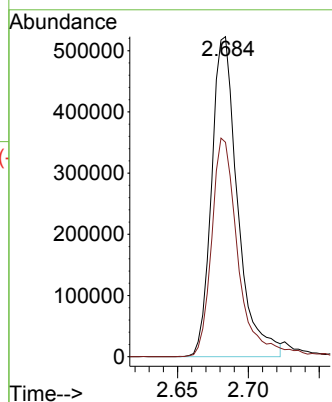
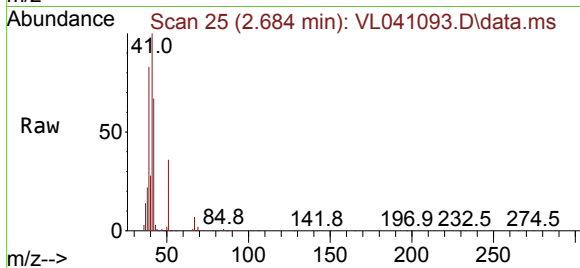
VL0312ABS01

Tgt Ion: 41 Resp: 668675

Ion Ratio Lower Upper

41 100

42 70.6 55.9 83.9



#10

Heptane

Concen: 10.320 ppbv

RT: 7.584 min Scan# 1549

Delta R.T. 0.003 min

Lab File: VL041093.D

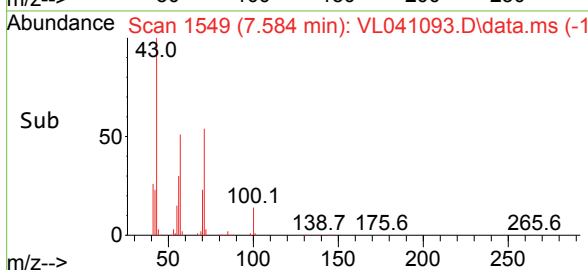
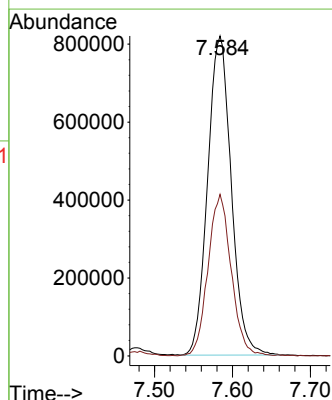
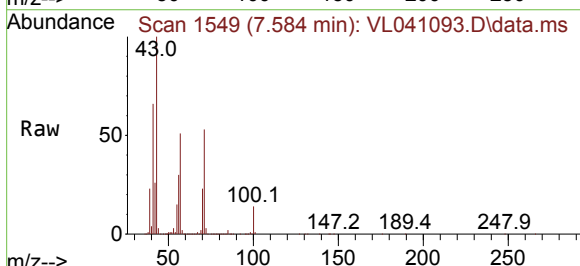
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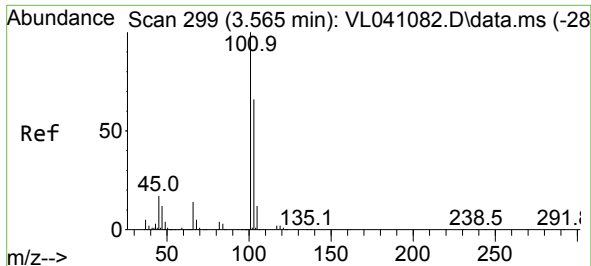
Tgt Ion: 43 Resp: 1724315

Ion Ratio Lower Upper

43 100

57 49.8 41.0 61.6

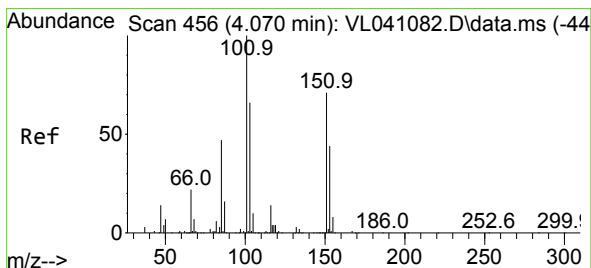
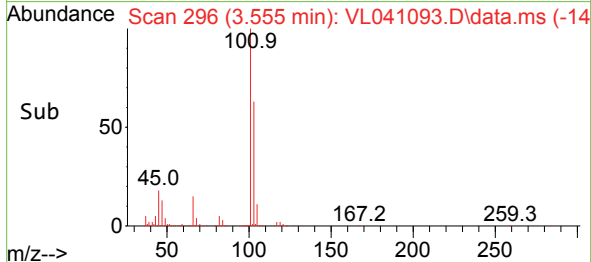
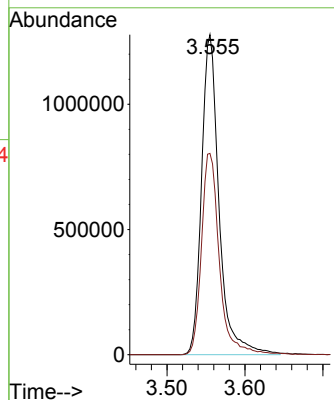
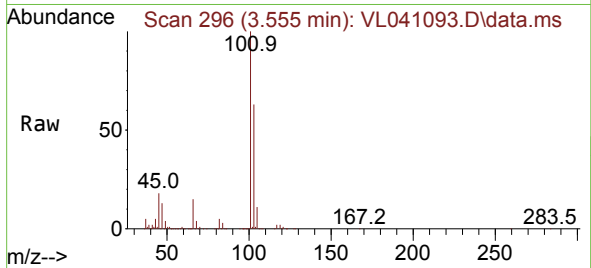




#11
Trichlorofluoromethane
Concen: 9.480 ppbv
RT: 3.555 min Scan# 299
Delta R.T. -0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

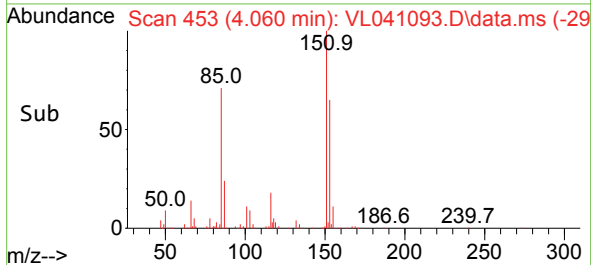
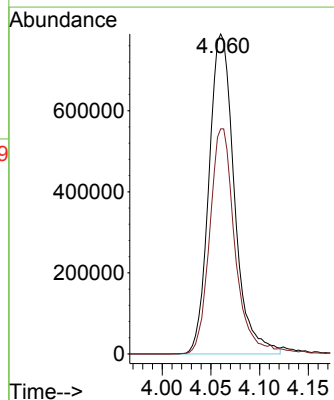
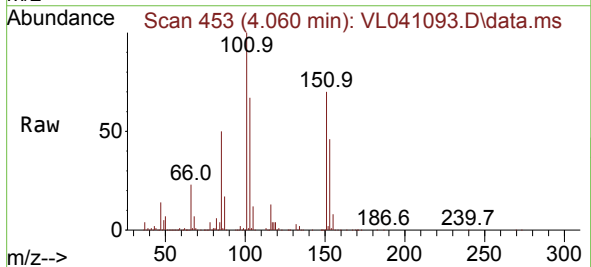
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

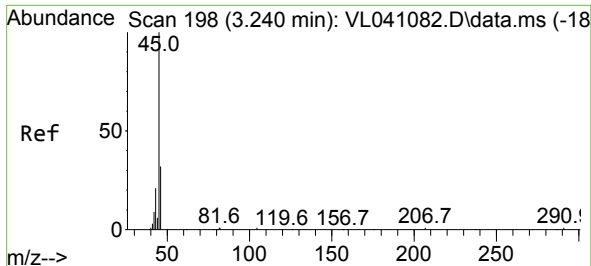
Tgt Ion:101 Resp: 1988775
Ion Ratio Lower Upper
101 100
103 62.9 53.0 79.4



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.299 ppbv
RT: 4.060 min Scan# 453
Delta R.T. -0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion:101 Resp: 1434280
Ion Ratio Lower Upper
101 100
151 70.8 55.8 83.8

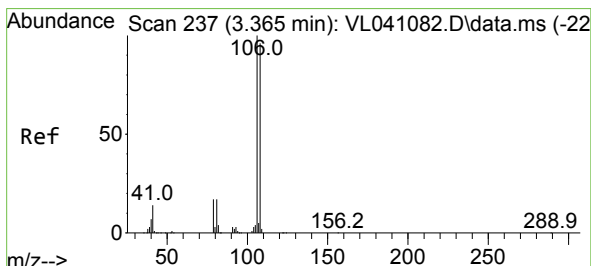
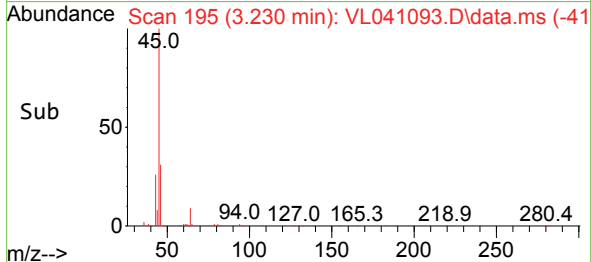
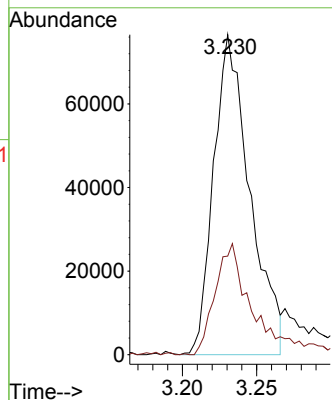
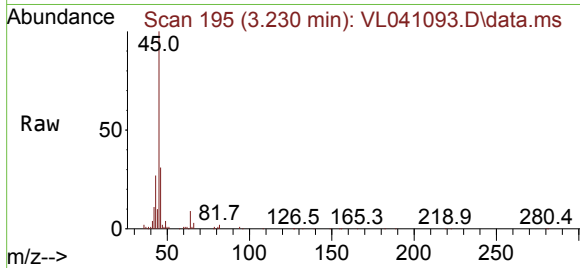




#13
Ethanol
Concen: 6.985 ppbv
RT: 3.230 min Scan# 198
Delta R.T. -0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

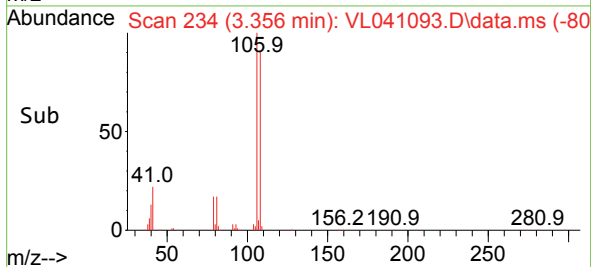
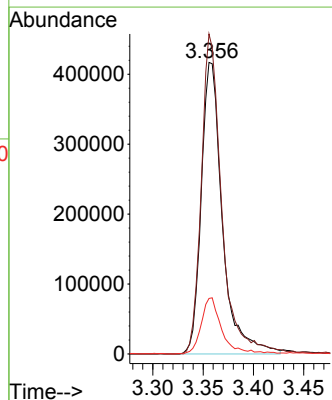
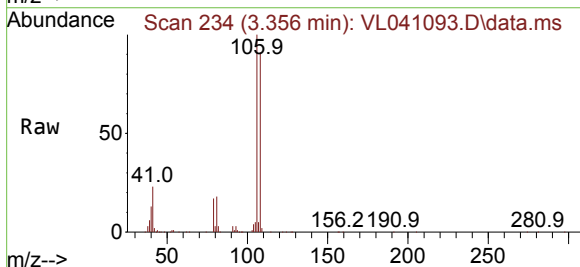
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

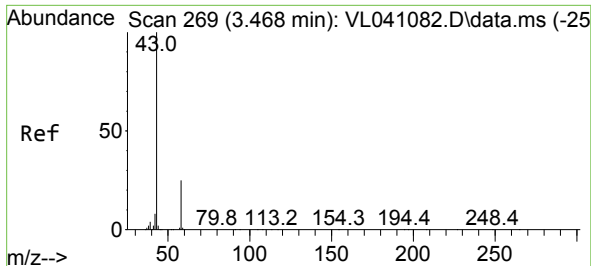
Tgt Ion: 45 Resp: 129979
Ion Ratio Lower Upper
45 100
46 37.6 14.6 58.2



#14
Bromoethene
Concen: 10.143 ppbv
RT: 3.356 min Scan# 234
Delta R.T. -0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion:108 Resp: 610003
Ion Ratio Lower Upper
108 100
106 107.2 88.1 132.1
79 19.5 15.6 23.4

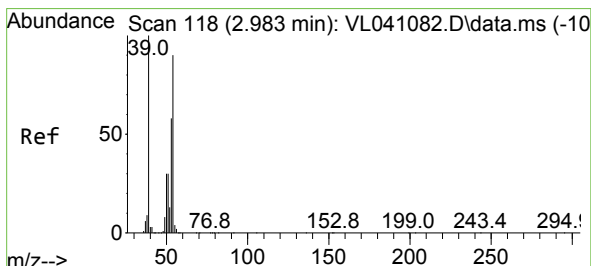
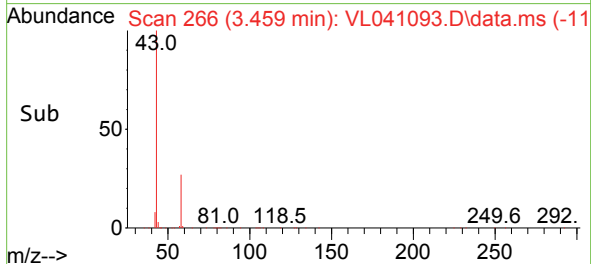
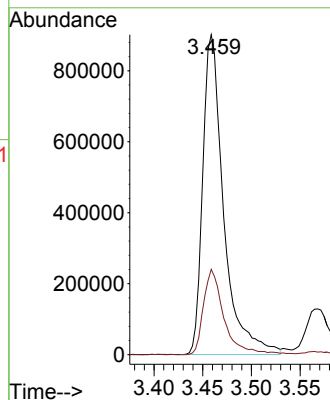
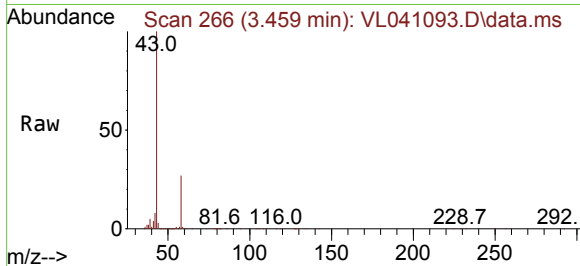




#15
Acetone
Concen: 8.284 ppbv
RT: 3.459 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

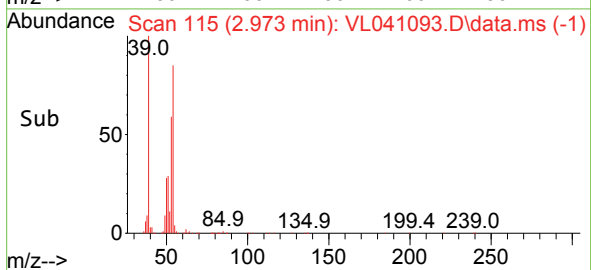
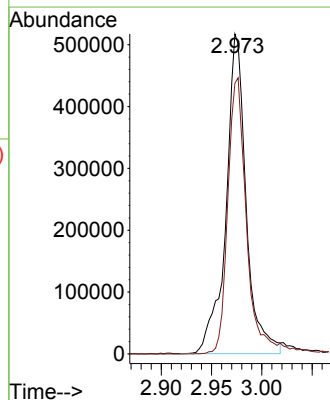
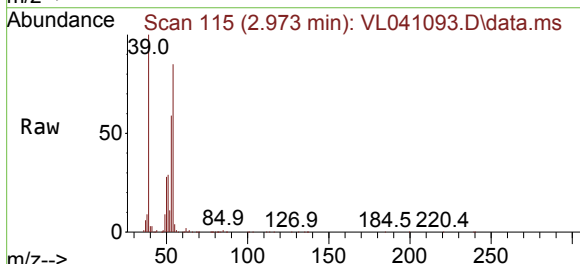
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

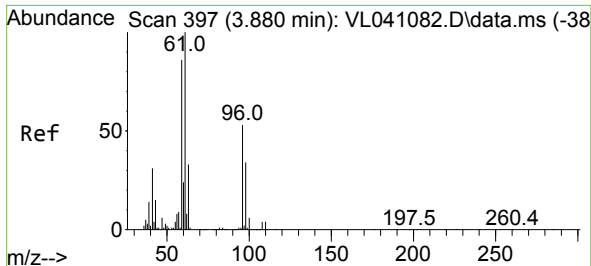
Tgt Ion: 43 Resp: 1347473
Ion Ratio Lower Upper
43 100
58 26.3 21.7 32.5



#16
1,3-Butadiene
Concen: 9.795 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 39 Resp: 722676
Ion Ratio Lower Upper
39 100
54 82.1 64.0 96.0





#17

tert-Butyl alcohol

Concen: 10.750 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

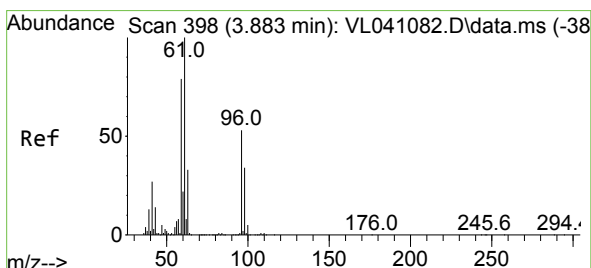
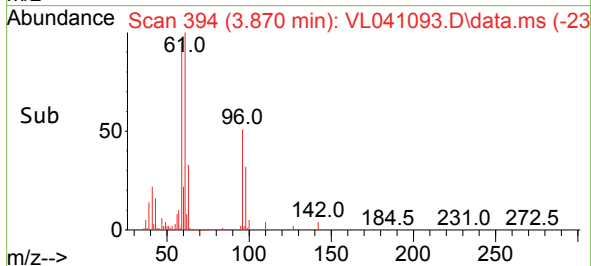
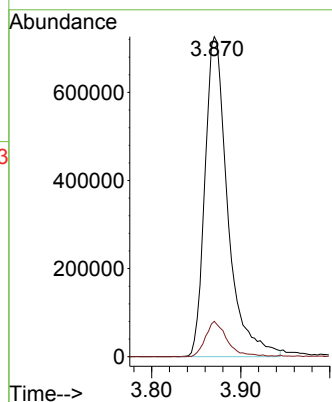
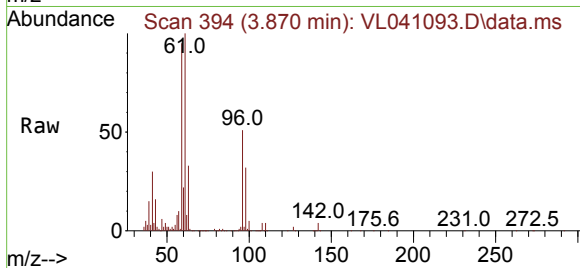
VL0312ABS01

Tgt Ion: 59 Resp: 1294730

Ion Ratio Lower Upper

59 100

57 10.9 9.0 13.6



#18

1,1-Dichloroethene

Concen: 9.537 ppbv

RT: 3.873 min Scan# 395

Delta R.T. -0.003 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

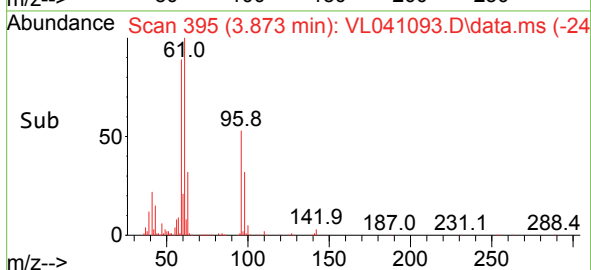
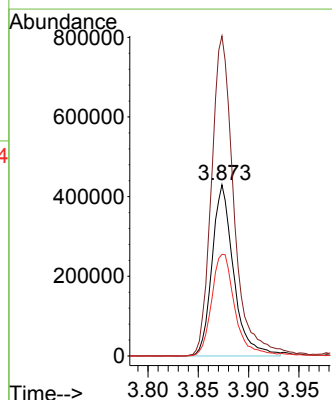
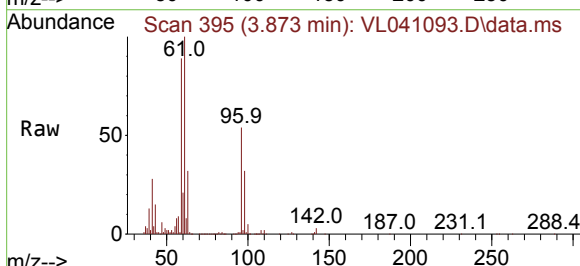
Tgt Ion: 96 Resp: 642009

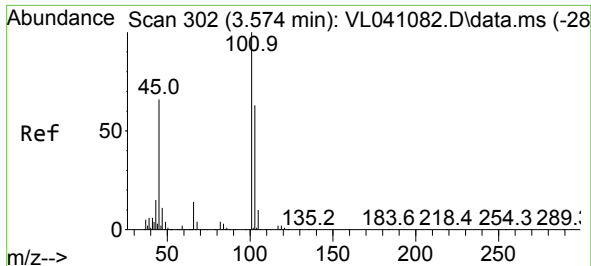
Ion Ratio Lower Upper

96 100

61 186.8 150.2 225.2

98 59.3 50.7 76.1

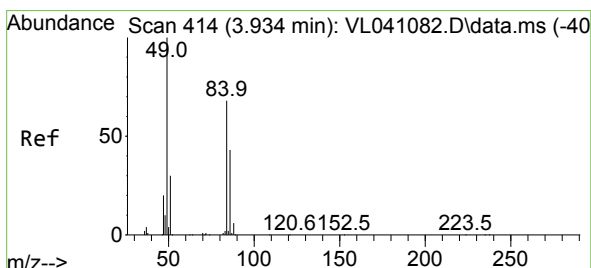
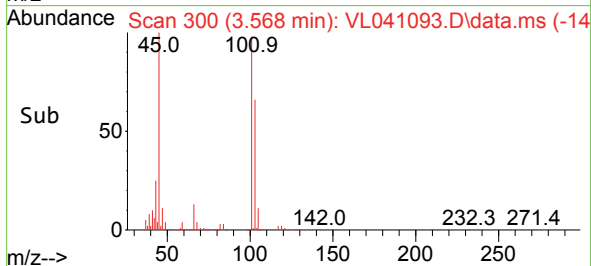
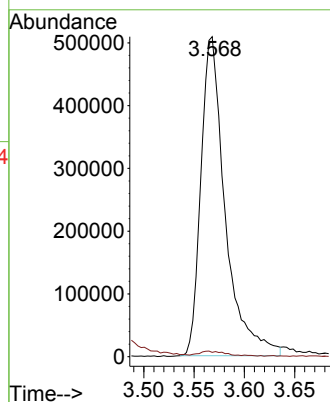
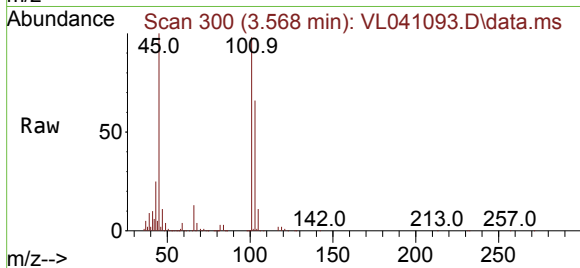




#19
Isopropyl Alcohol
Concen: 9.824 ppbv
RT: 3.568 min Scan# 300
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

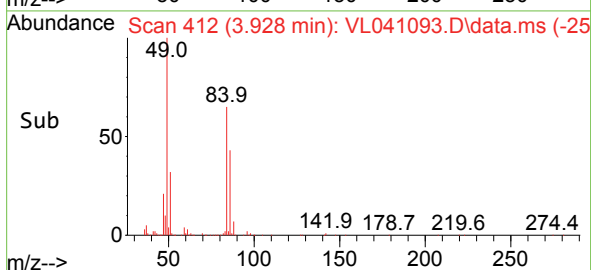
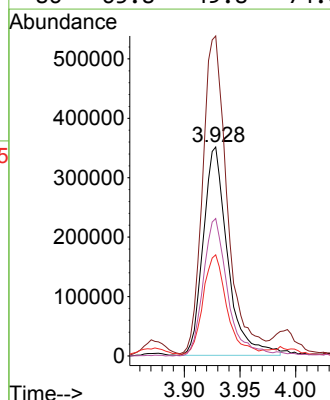
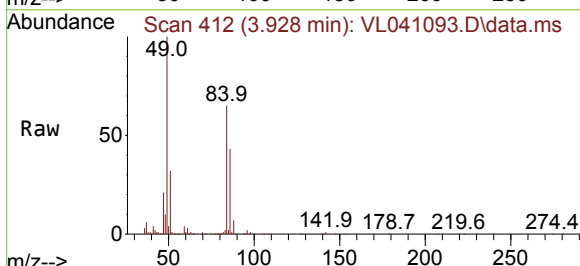
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

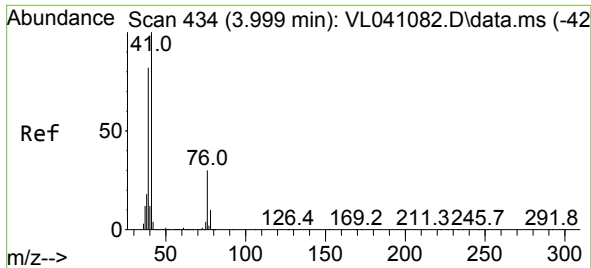
Tgt Ion: 45 Resp: 853557
Ion Ratio Lower Upper
45 100
58 2.2 2.2 3.4



#20
Methylene Chloride
Concen: 8.470 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 84 Resp: 537085
Ion Ratio Lower Upper
84 100
49 152.5 117.0 175.6
51 47.7 34.9 52.3
86 65.8 49.8 74.6

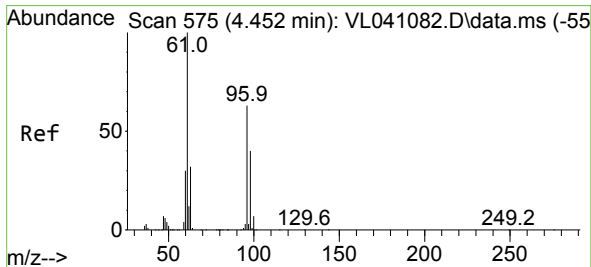
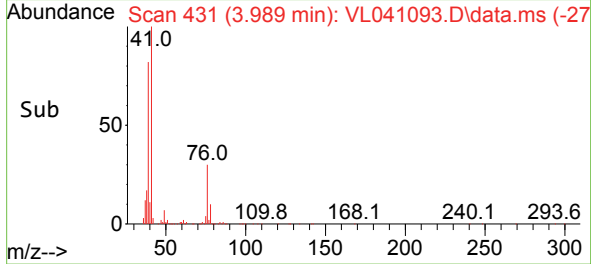
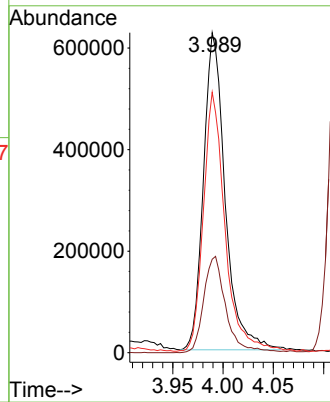
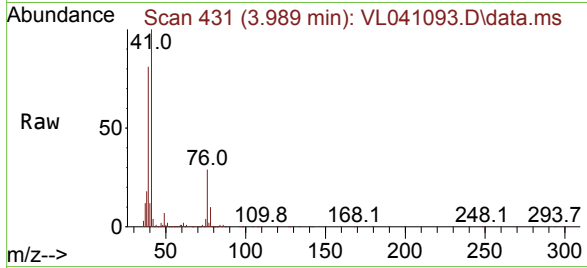




#21
 Allyl Chloride
 Concen: 10.193 ppbv
 RT: 3.989 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

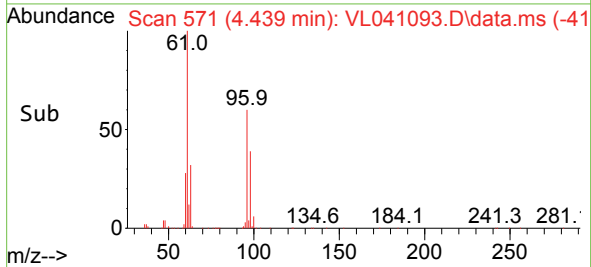
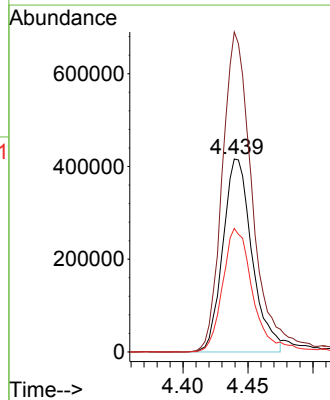
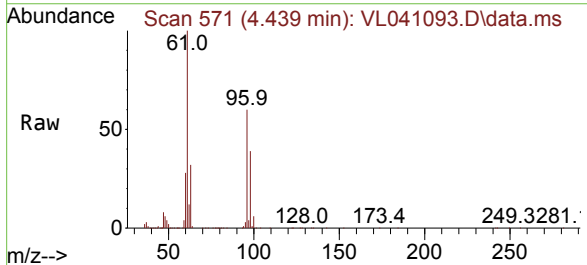
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0312ABS01

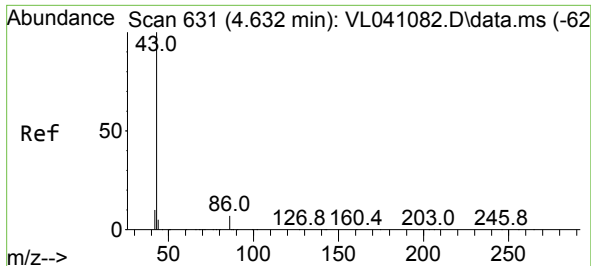
Tgt Ion: 41 Resp: 936392
 Ion Ratio Lower Upper
 41 100
 76 31.4 25.5 38.3
 39 82.0 67.4 101.2



#22
 trans-1,2-Dichloroethene
 Concen: 8.266 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.003 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

Tgt Ion: 96 Resp: 649626
 Ion Ratio Lower Upper
 96 100
 61 165.9 126.7 190.1
 98 64.0 50.1 75.1



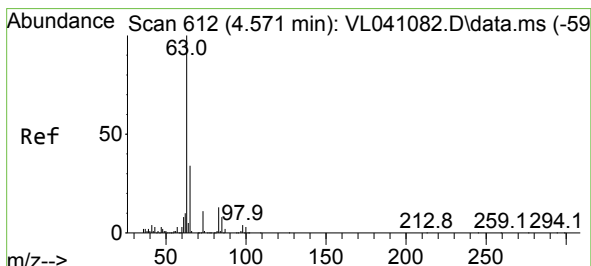
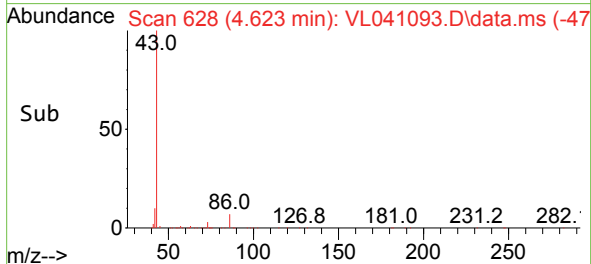
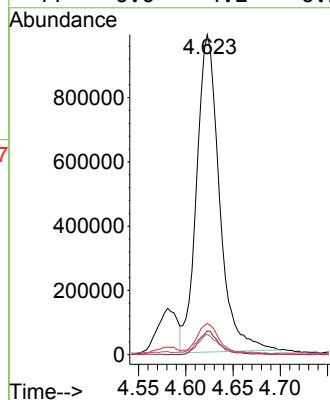
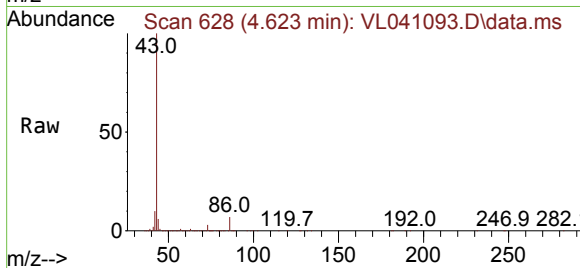


#23
 Vinyl Acetate
 Concen: 9.021 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0312ABS01

Tgt Ion: 43 Resp: 1660359

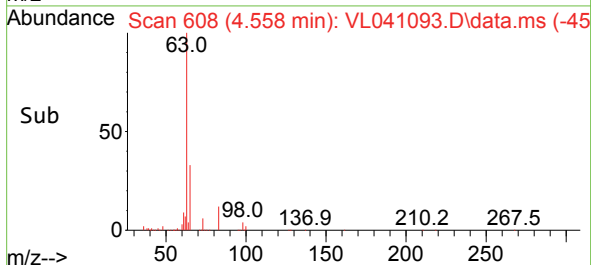
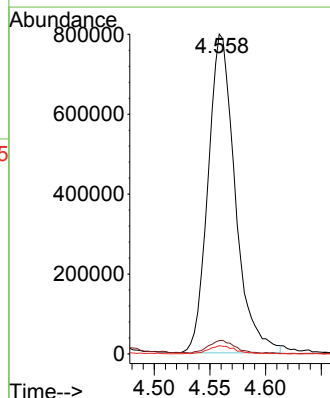
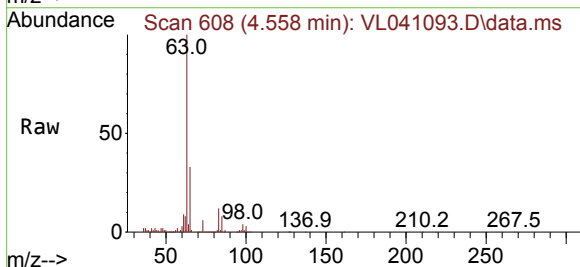
Ion	Ratio	Lower	Upper
43	100		
86	7.5	5.4	8.2
42	9.8	8.0	12.0
44	6.0	4.2	6.2

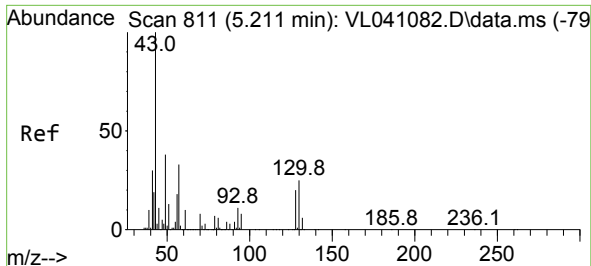


#24
 1,1-Dichloroethane
 Concen: 8.105 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.003 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

Tgt Ion: 63 Resp: 1347677

Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.1	6.5
100	2.6	1.4	4.2





#25

Ethyl Acetate

Concen: 9.941 ppbv

RT: 5.201 min Scan# 808

Delta R.T. -0.003 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

VL0312ABS01

Tgt Ion: 43 Resp: 2913223

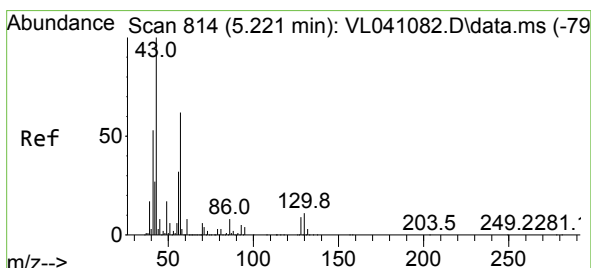
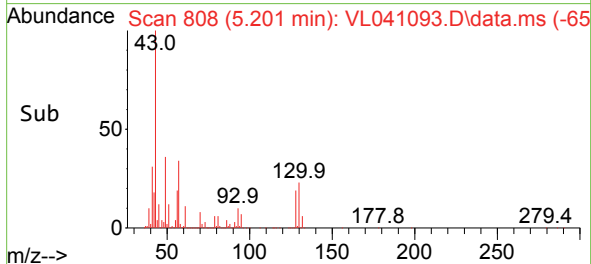
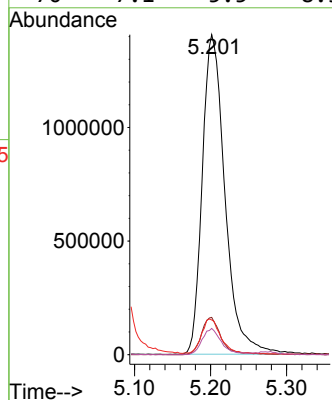
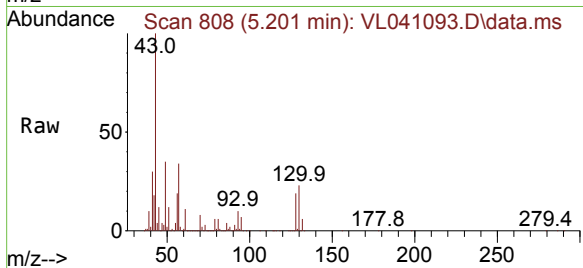
Ion Ratio Lower Upper

43 100

45 10.4 8.2 12.2

61 10.2 8.2 12.2

70 7.1 5.5 8.3



#26

Hexane

Concen: 9.675 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Tgt Ion: 57 Resp: 1267088

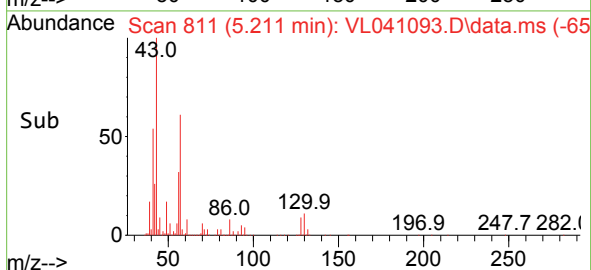
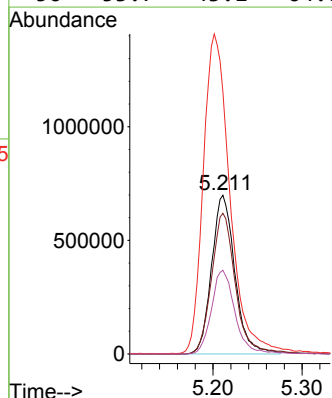
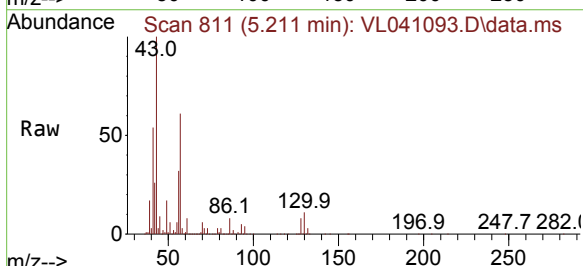
Ion Ratio Lower Upper

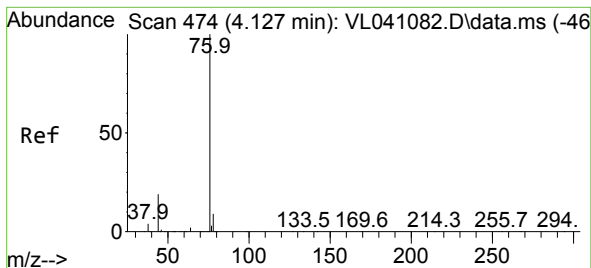
57 100

41 91.2 73.8 110.6

43 232.3 184.2 276.2

56 53.7 43.1 64.7





#27

Carbon Disulfide

Concen: 10.215 ppbv

RT: 4.118 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

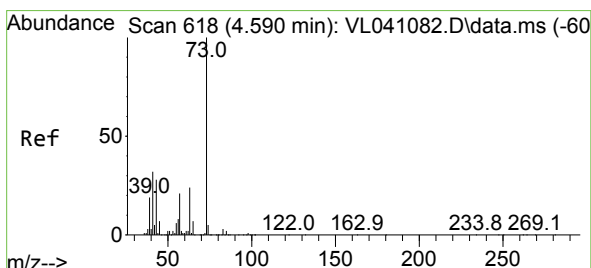
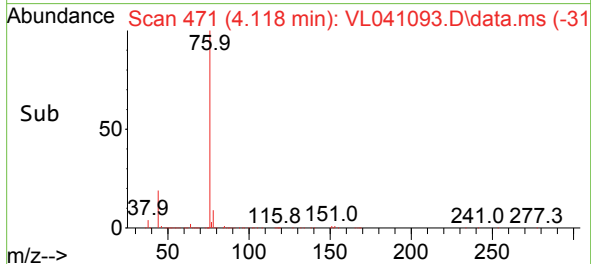
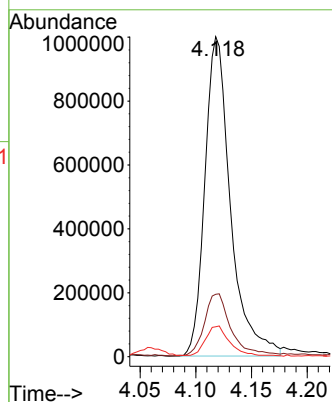
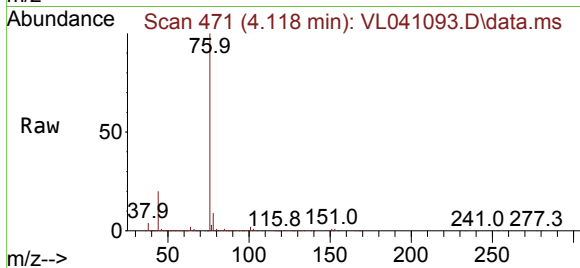
MSVOA_L

ClientSampleId :

VL0312ABS01

Tgt Ion: 76 Resp: 1603783

Ion	Ratio	Lower	Upper
76	100		
44	20.6	16.0	24.0
78	9.6	7.5	11.3



#28

Methyl tert-Butyl Ether

Concen: 8.306 ppbv

RT: 4.581 min Scan# 615

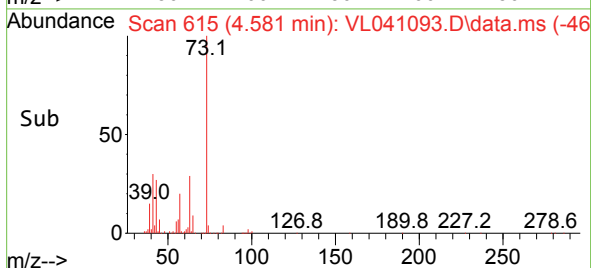
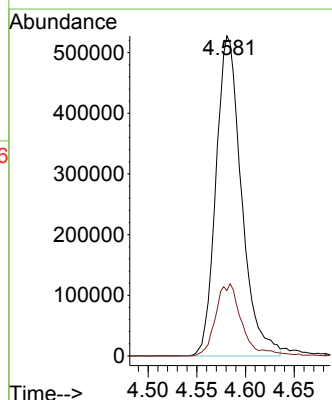
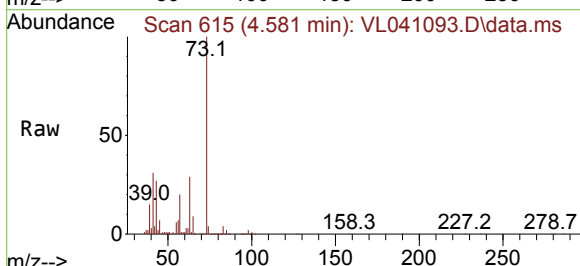
Delta R.T. -0.003 min

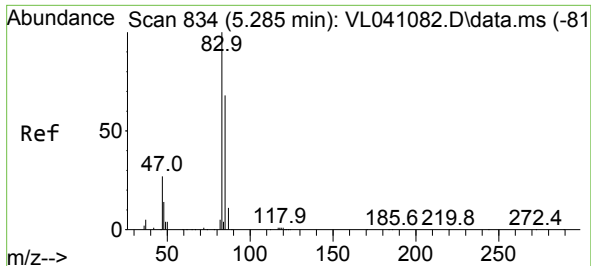
Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Tgt Ion: 73 Resp: 961940

Ion	Ratio	Lower	Upper
73	100		
57	23.5	18.2	27.4





#29

Chloroform

Concen: 9.641 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

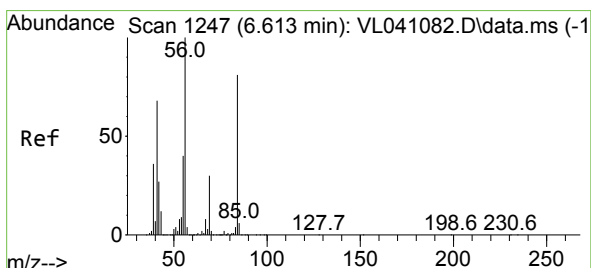
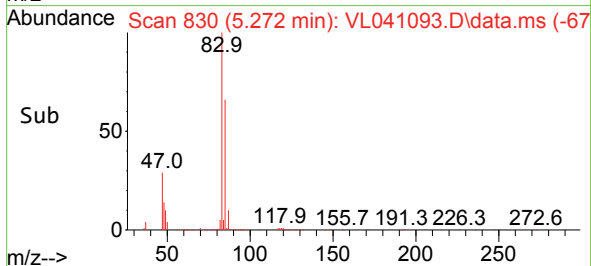
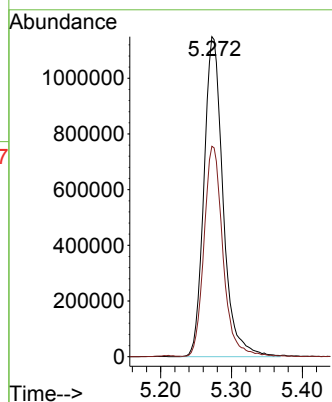
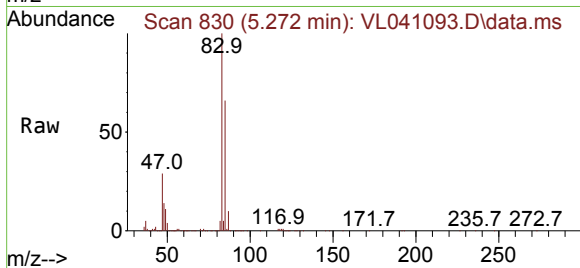
VL0312ABS01

Tgt Ion: 83 Resp: 2150263

Ion Ratio Lower Upper

83 100

85 65.6 54.6 82.0



#30

Cyclohexane

Concen: 10.030 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

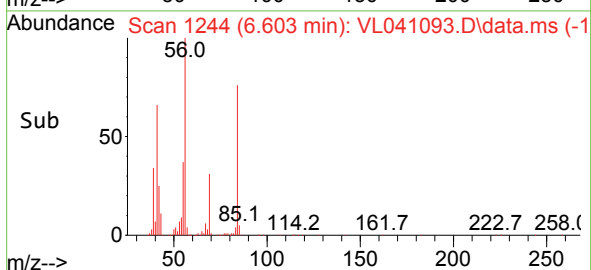
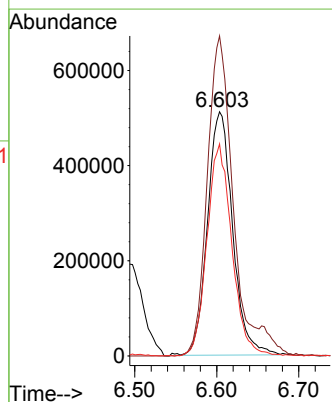
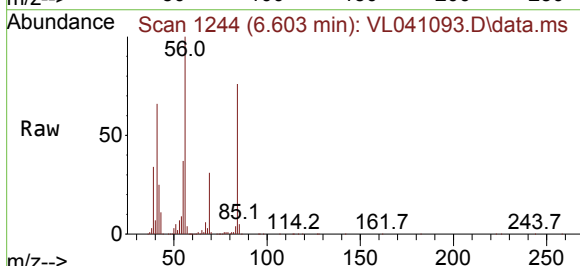
Tgt Ion: 84 Resp: 1088614

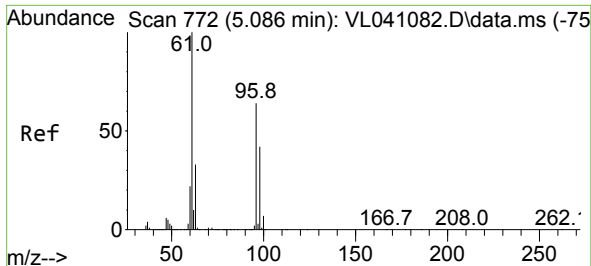
Ion Ratio Lower Upper

84 100

56 137.9 110.4 165.6

41 86.9 70.6 105.8

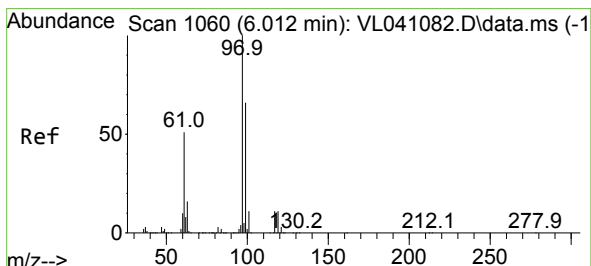
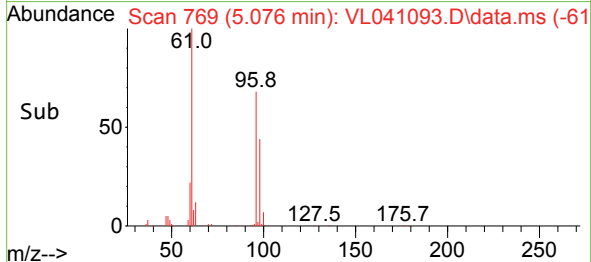
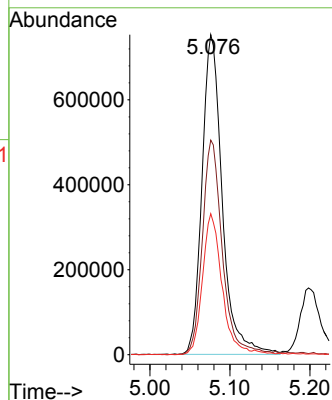
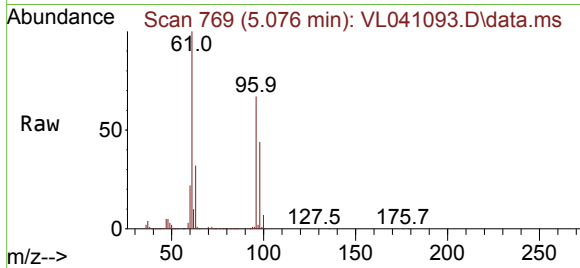




#31
cis-1,2-Dichloroethene
Concen: 10.420 ppbv
RT: 5.076 min Scan# 71
Delta R.T. -0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

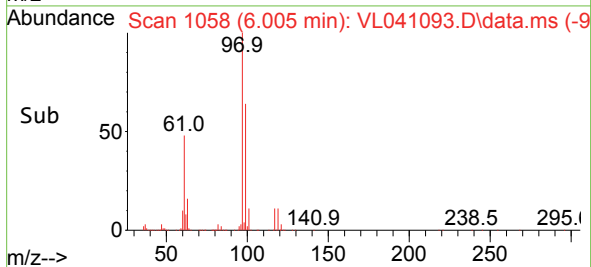
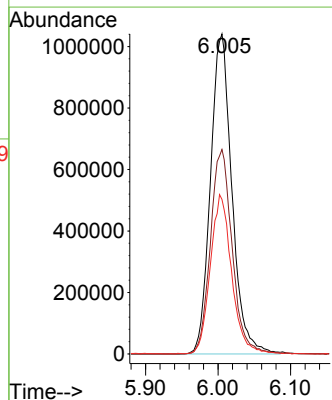
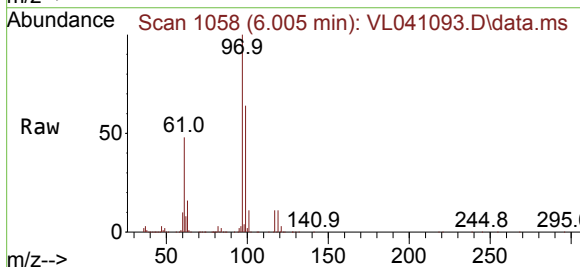
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

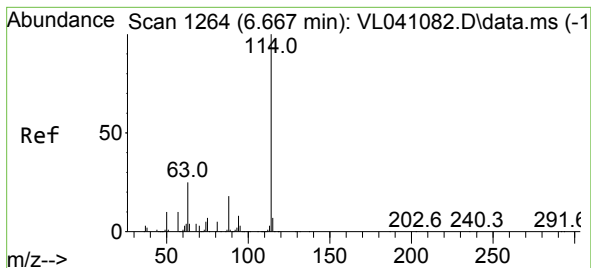
Tgt Ion: 61 Resp: 1328604
Ion Ratio Lower Upper
61 100
96 66.8 51.2 76.8
98 44.0 33.4 50.0



#32
1,1,1-Trichloroethane
Concen: 10.600 ppbv
RT: 6.005 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 97 Resp: 2141267
Ion Ratio Lower Upper
97 100
99 64.9 52.4 78.6
61 49.8 40.4 60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

VL0312ABS01

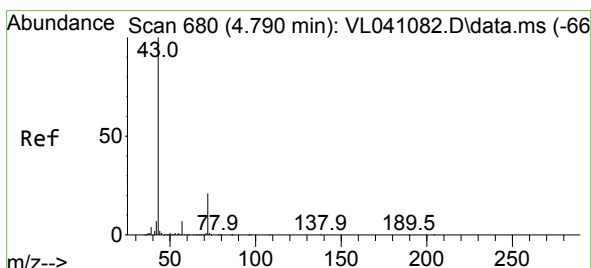
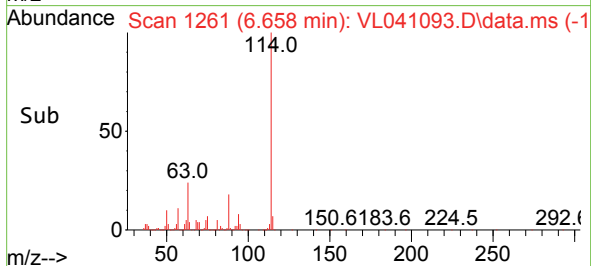
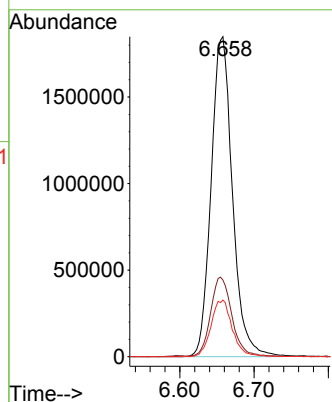
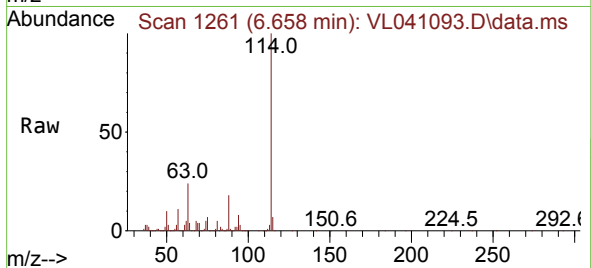
Tgt Ion:114 Resp: 3690228

Ion Ratio Lower Upper

114 100

63 25.3 21.0 31.6

88 17.7 14.6 22.0



#34

2-Butanone

Concen: 9.707 ppbv

RT: 4.780 min Scan# 677

Delta R.T. -0.003 min

Lab File: VL041093.D

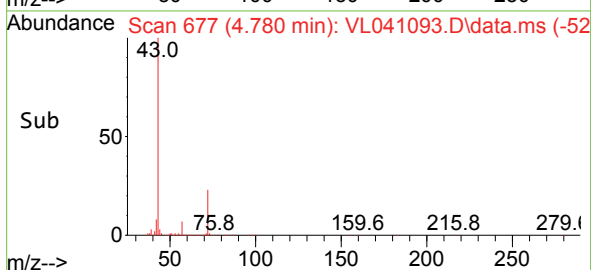
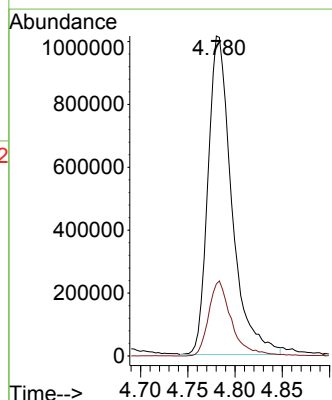
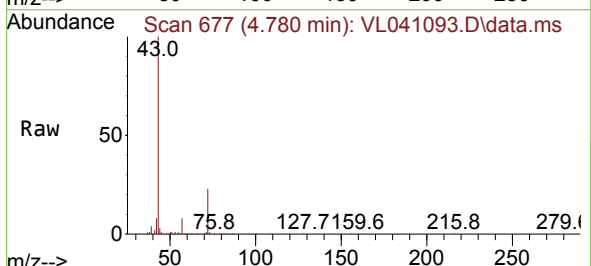
Acq: 12 Mar 2024 11:11

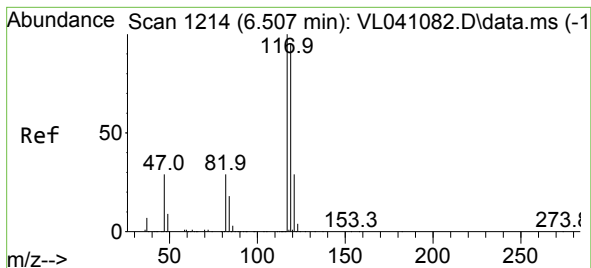
Tgt Ion: 43 Resp: 1773602

Ion Ratio Lower Upper

43 100

72 23.1 17.4 26.0





#35

Carbon Tetrachloride

Concen: 10.476 ppbv

RT: 6.494 min Scan# 117

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

VL0312ABS01

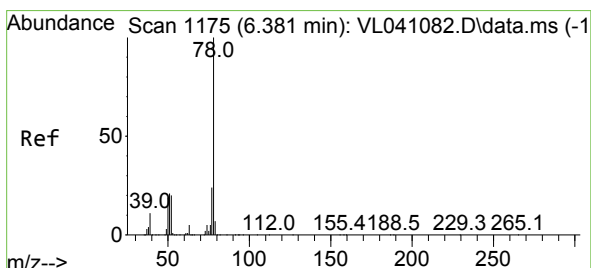
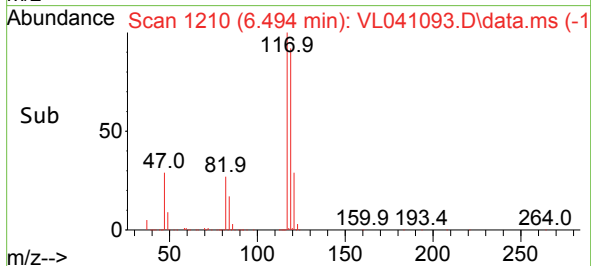
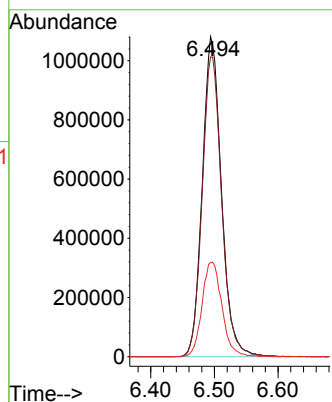
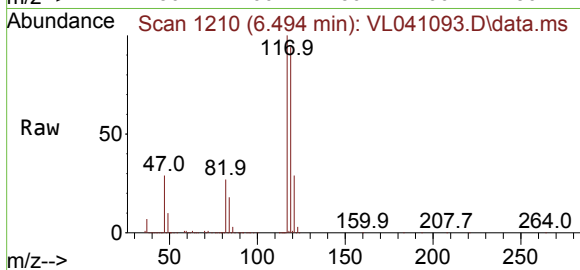
Tgt Ion:117 Resp: 2259146

Ion Ratio Lower Upper

117 100

119 93.6 75.6 113.4

121 29.5 23.4 35.2



#36

Benzene

Concen: 9.924 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

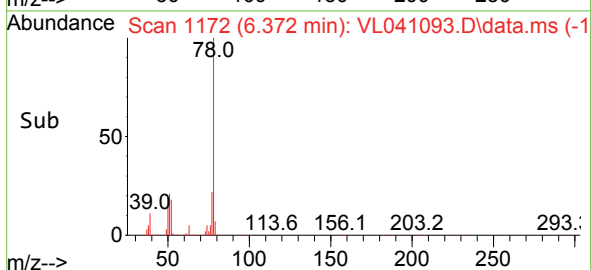
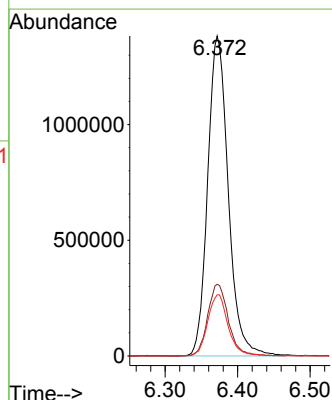
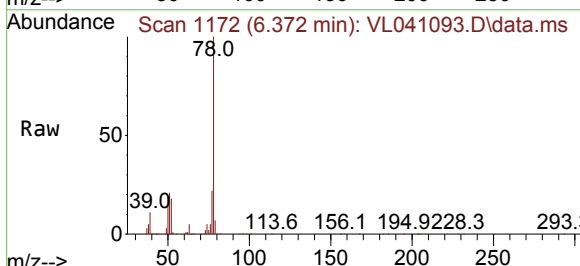
Tgt Ion: 78 Resp: 2726108

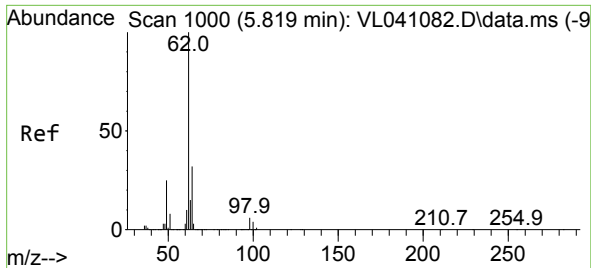
Ion Ratio Lower Upper

78 100

77 22.4 18.8 28.2

50 19.1 15.5 23.3

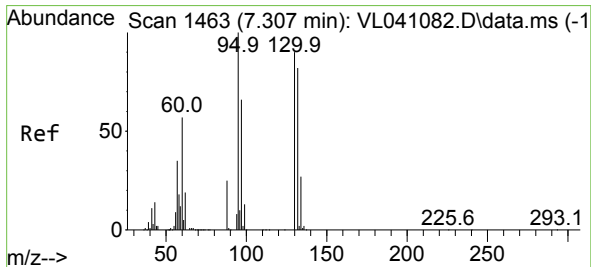
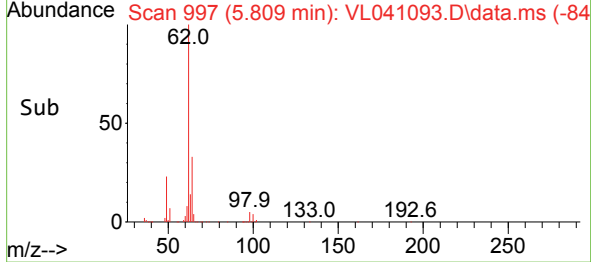
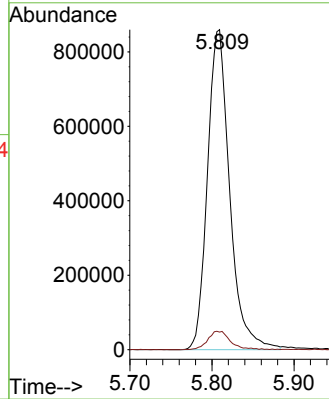
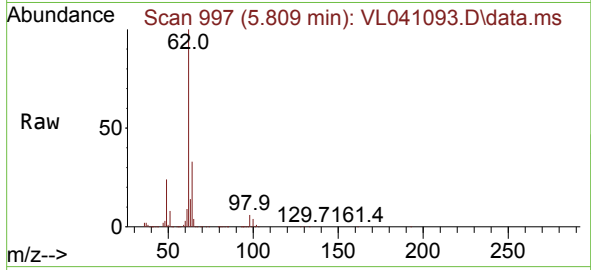




#37
1,2-Dichloroethane
Concen: 9.771 ppbv
RT: 5.809 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

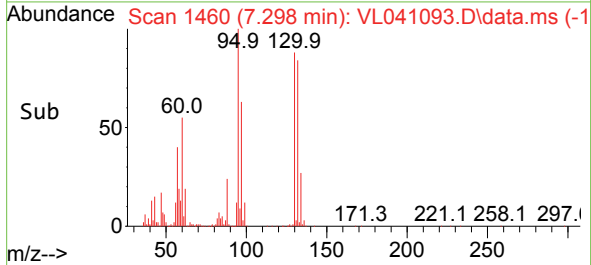
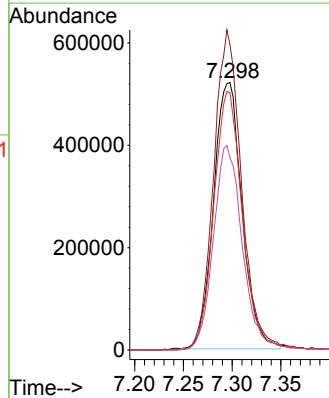
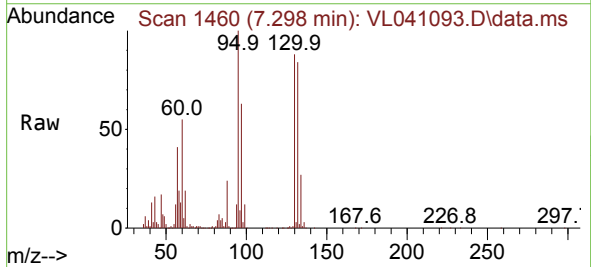
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

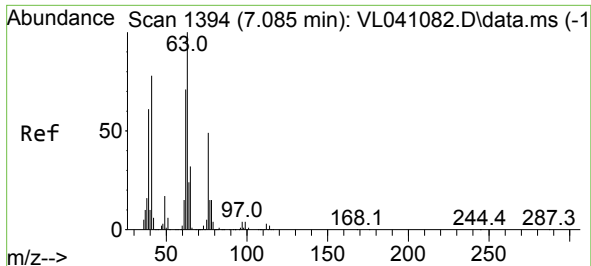
Tgt Ion: 62 Resp: 1614729
Ion Ratio Lower Upper
62 100
98 6.0 4.6 6.8



#38
Trichloroethene
Concen: 10.602 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. 0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion:130 Resp: 1057765
Ion Ratio Lower Upper
130 100
95 114.5 88.8 133.2
132 96.6 73.0 109.4
97 72.3 59.0 88.4





#39

1,2-Dichloropropane

Concen: 9.678 ppbv

RT: 7.076 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

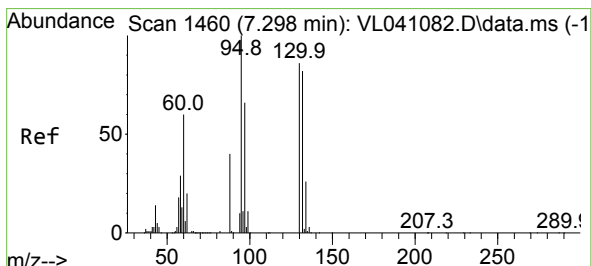
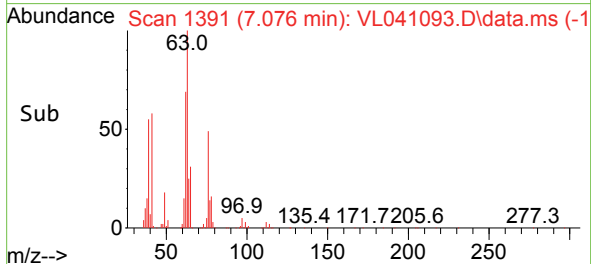
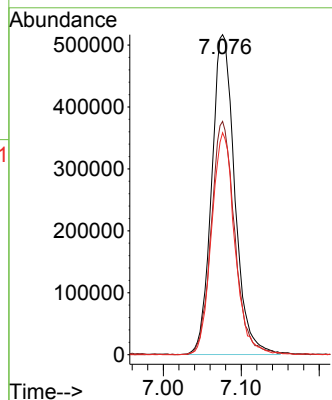
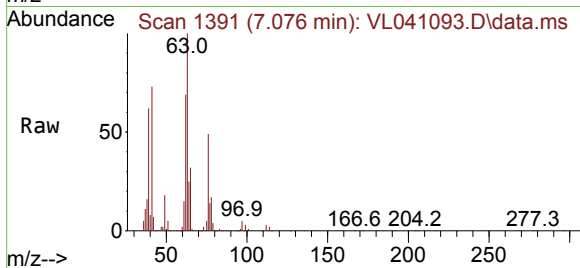
MSVOA_L

ClientSampleId :

VL0312ABS01

Tgt Ion: 63 Resp: 1063426

Ion	Ratio	Lower	Upper
63	100		
41	72.9	62.2	93.4
62	69.4	57.0	85.4



#40

1,4-Dioxane

Concen: 9.213 ppbv

RT: 7.285 min Scan# 1456

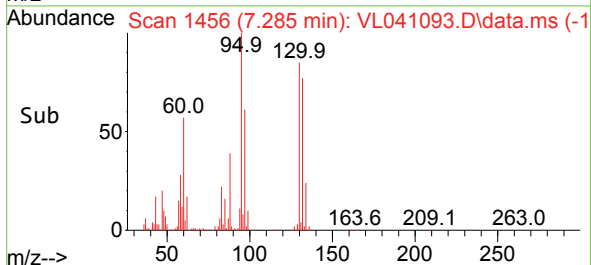
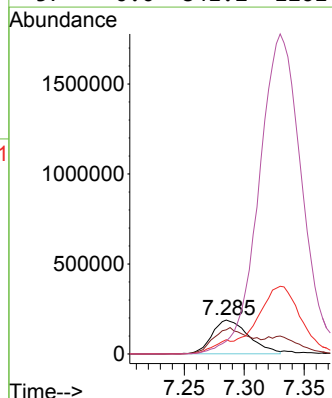
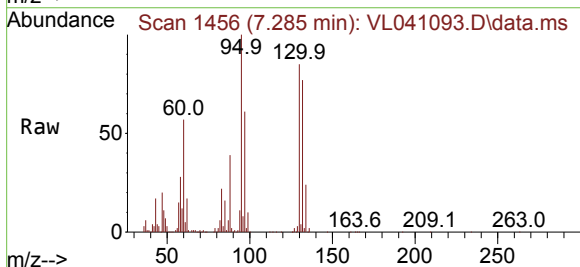
Delta R.T. -0.003 min

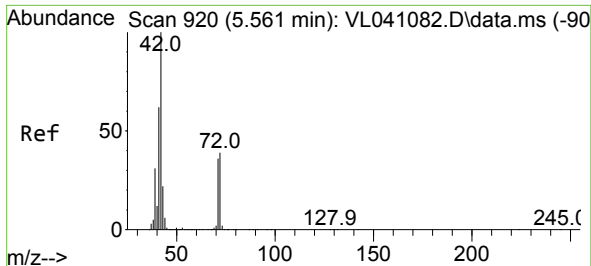
Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Tgt Ion: 88 Resp: 398547

Ion	Ratio	Lower	Upper
88	100		
58	128.2	96.3	144.5
43	0.0	195.7	293.5#
57	0.0	841.2	1261.8#

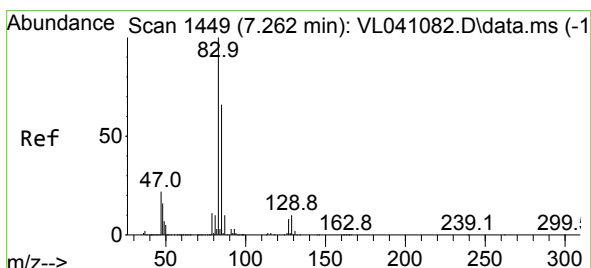
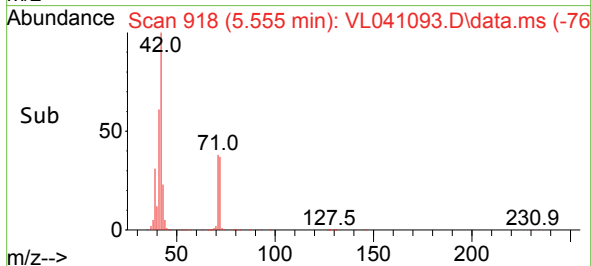
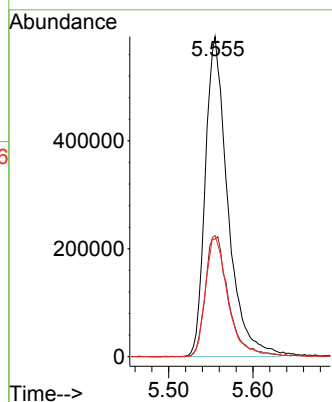
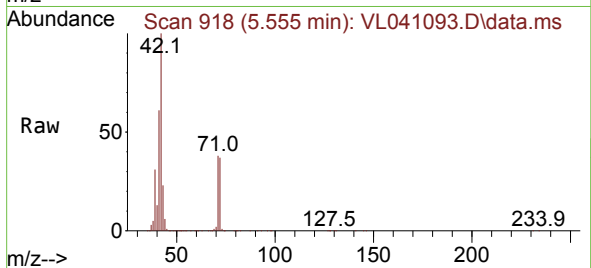




#41
Tetrahydrofuran
Concen: 10.144 ppbv
RT: 5.555 min Scan# 918
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

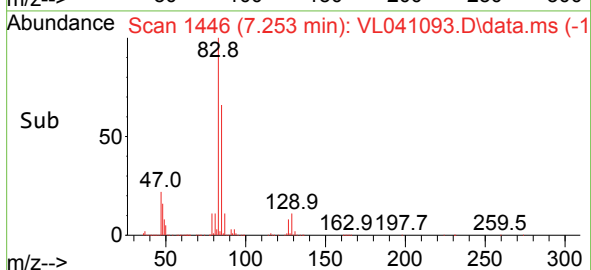
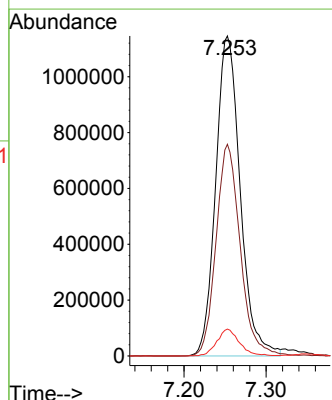
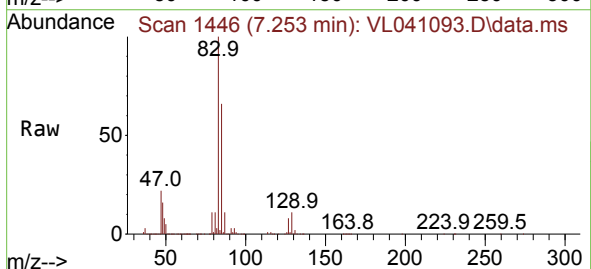
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

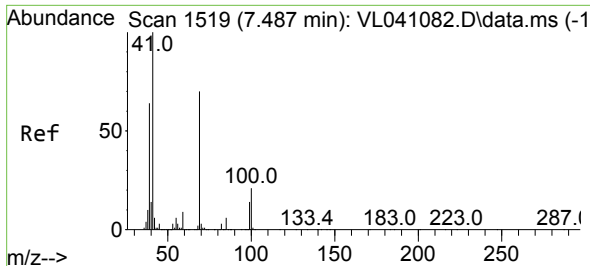
Tgt Ion: 42 Resp: 1103044
Ion Ratio Lower Upper
42 100
72 39.2 30.7 46.1
71 38.5 29.6 44.4



#42
Bromodichloromethane
Concen: 10.078 ppbv
RT: 7.253 min Scan# 1446
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 83 Resp: 2386005
Ion Ratio Lower Upper
83 100
85 66.1 53.1 79.7
127 8.4 6.2 9.4

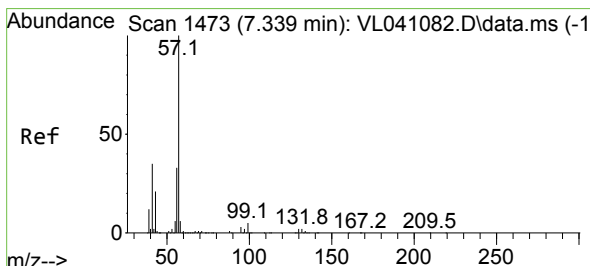
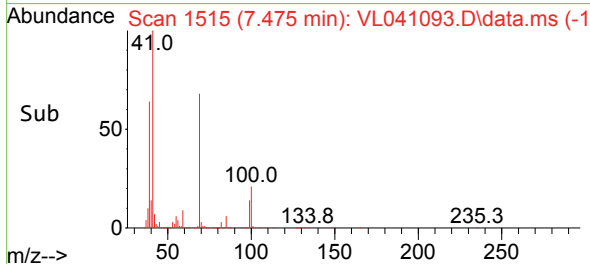
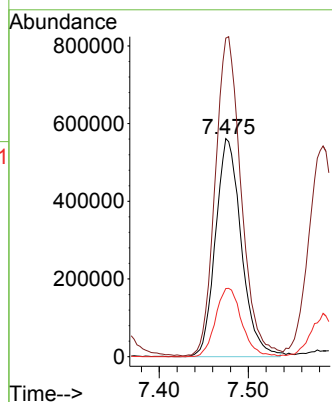
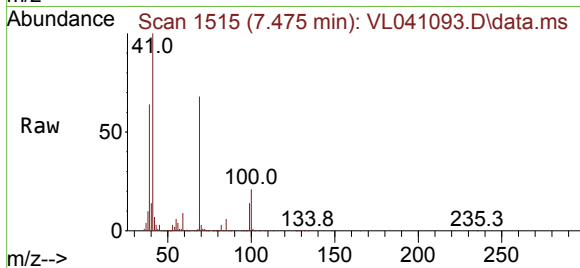




#43
Methyl Methacrylate
Concen: 10.631 ppbv
RT: 7.475 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

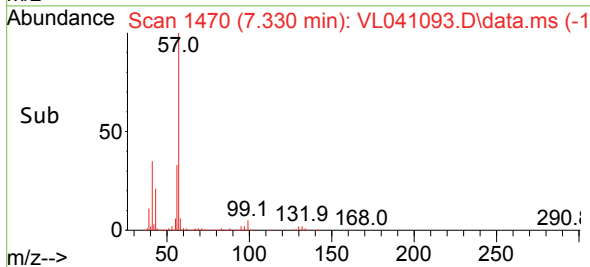
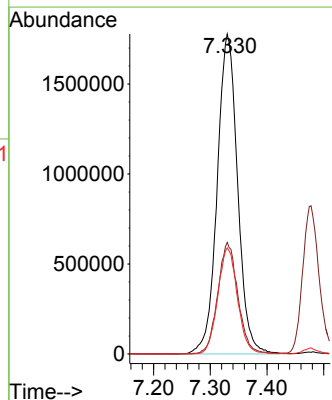
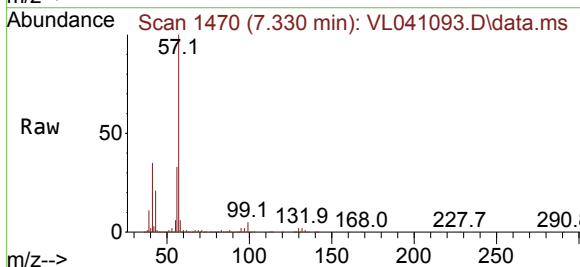
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

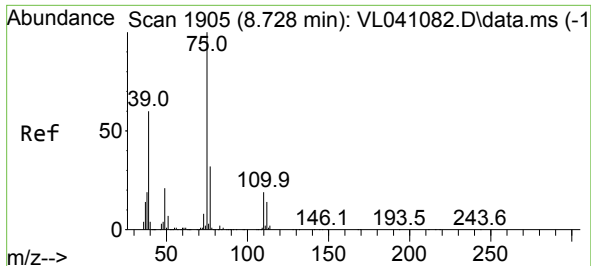
Tgt Ion: 69 Resp: 1129541
Ion Ratio Lower Upper
69 100
41 147.7 118.2 177.4
100 31.8 24.8 37.2



#44
2,2,4-Trimethylpentane
Concen: 9.686 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 57 Resp: 4443187
Ion Ratio Lower Upper
57 100
41 34.5 28.0 42.0
56 32.2 25.7 38.5

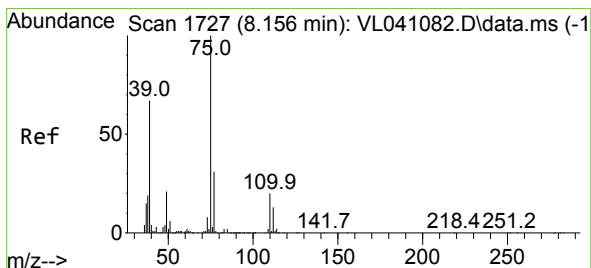
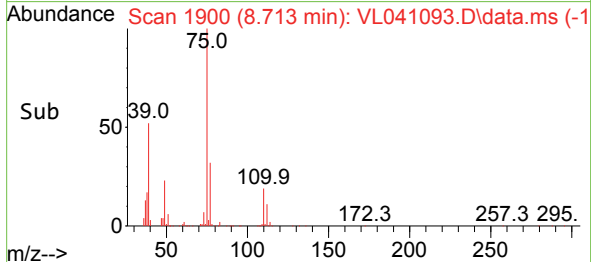
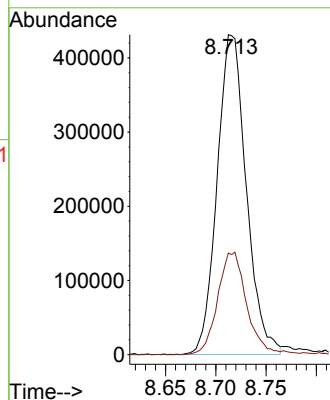
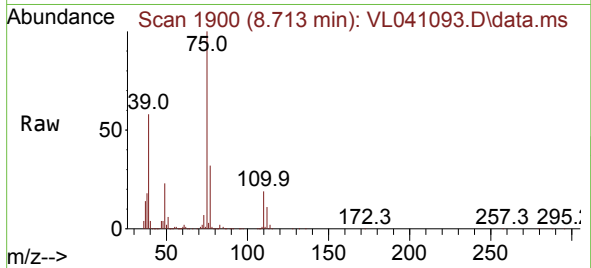




#45
 t-1,3-Dichloropropene
 Concen: 11.892 ppbv
 RT: 8.713 min Scan# 1905
 Delta R.T. -0.003 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

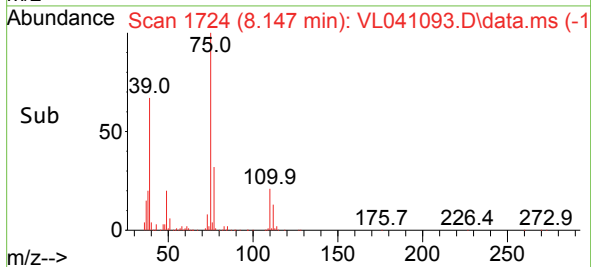
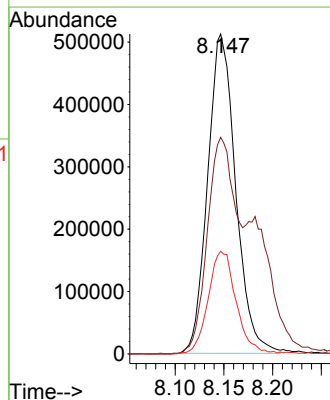
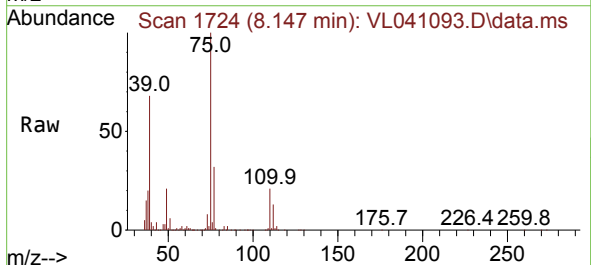
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0312ABS01

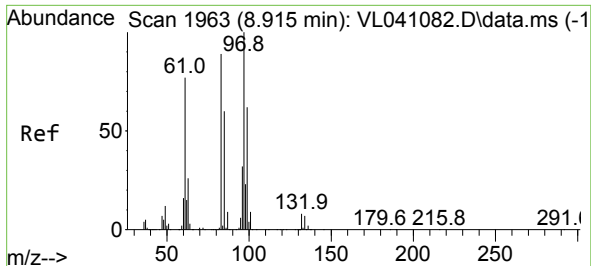
Tgt Ion: 75 Resp: 869741
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9



#46
 cis-1,3-Dichloropropene
 Concen: 11.149 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. -0.000 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

Tgt Ion: 75 Resp: 1024006
 Ion Ratio Lower Upper
 75 100
 39 67.5 53.3 79.9
 77 31.9 25.2 37.8





#47

1,1,2-Trichloroethane

Concen: 9.894 ppbv

RT: 8.905 min Scan# 1963

Delta R.T. 0.003 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

VL0312ABS01

Tgt Ion: 97 Resp: 1159660

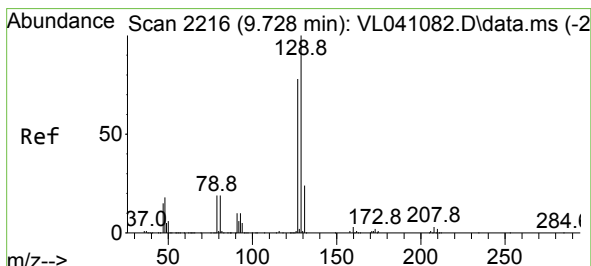
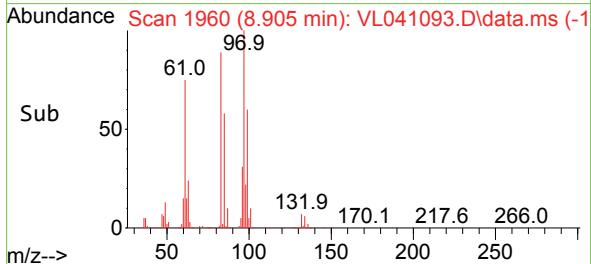
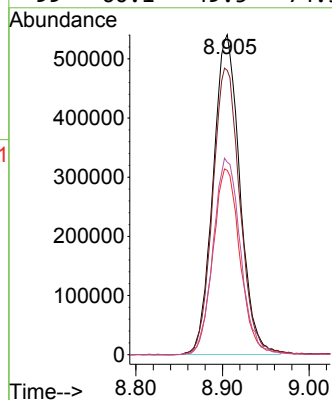
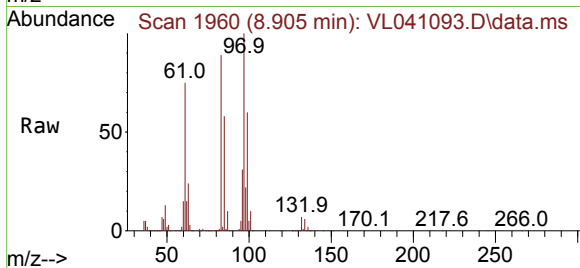
Ion Ratio Lower Upper

97 100

83 88.8 71.1 106.7

85 57.5 48.2 72.2

99 60.1 49.5 74.3



#48

Dibromochloromethane

Concen: 10.677 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. -0.000 min

Lab File: VL041093.D

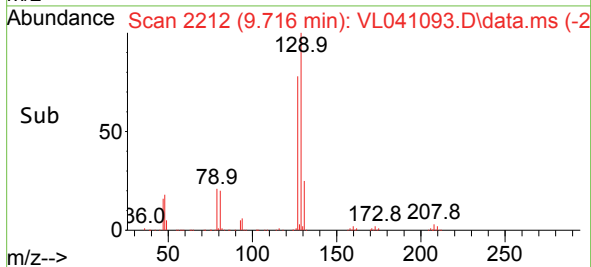
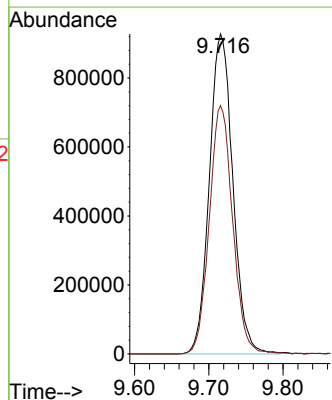
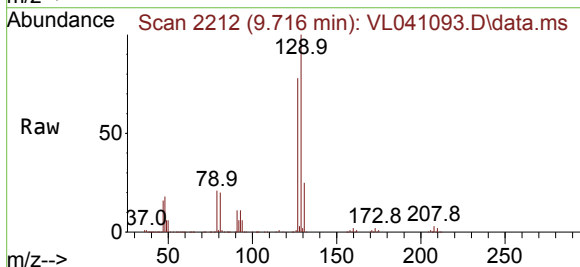
Acq: 12 Mar 2024 11:11

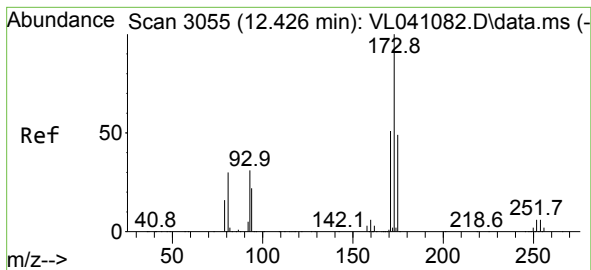
Tgt Ion: 129 Resp: 2039671

Ion Ratio Lower Upper

129 100

127 77.2 39.6 118.8





#49

Bromoform

Concen: 10.852 ppbv

RT: 12.417 min Scan# 3055

Delta R.T. 0.003 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

VL0312ABS01

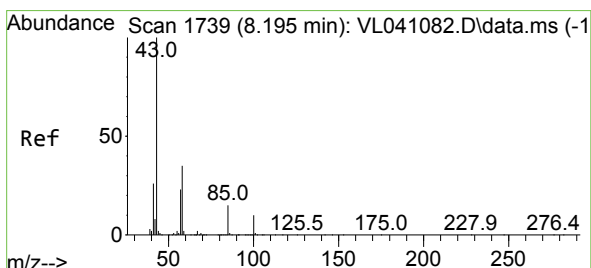
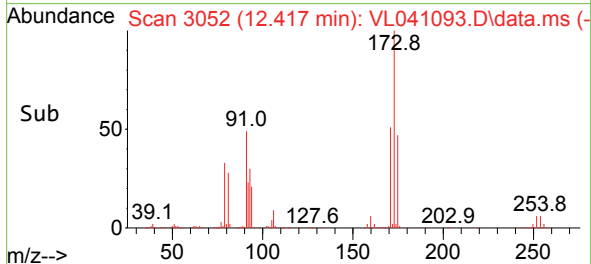
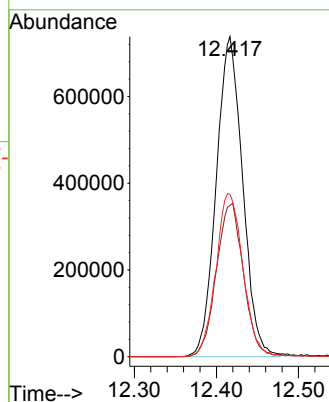
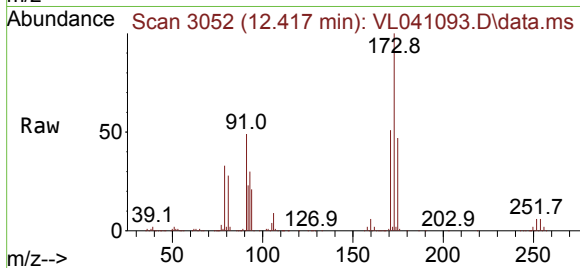
Tgt Ion:173 Resp: 1648931

Ion Ratio Lower Upper

173 100

175 49.5 39.0 58.6

171 52.6 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 10.481 ppbv

RT: 8.185 min Scan# 1736

Delta R.T. -0.000 min

Lab File: VL041093.D

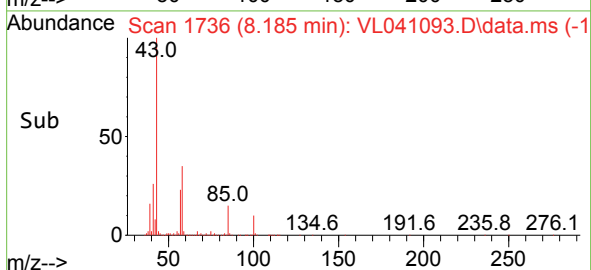
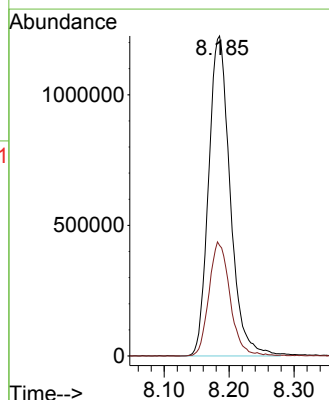
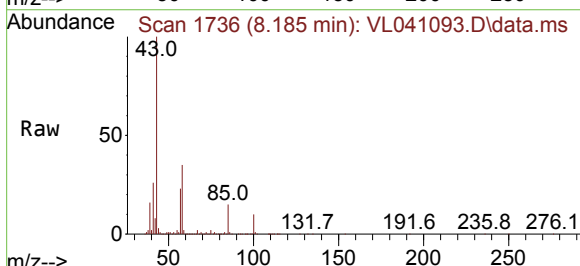
Acq: 12 Mar 2024 11:11

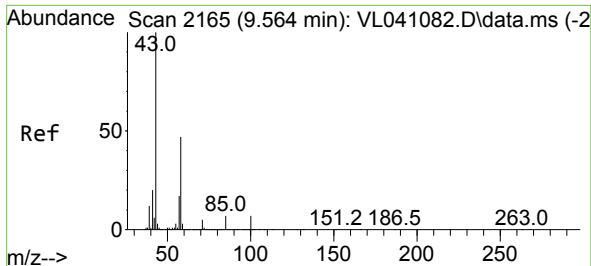
Tgt Ion: 43 Resp: 2824249

Ion Ratio Lower Upper

43 100

58 35.0 28.3 42.5

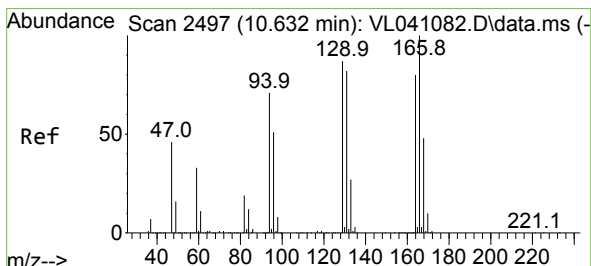
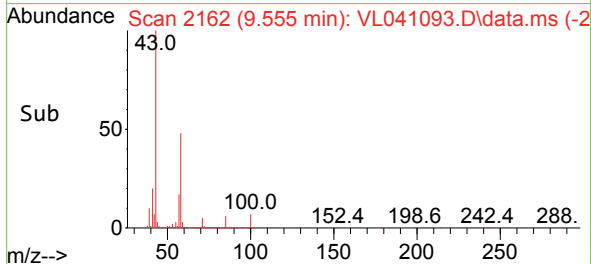
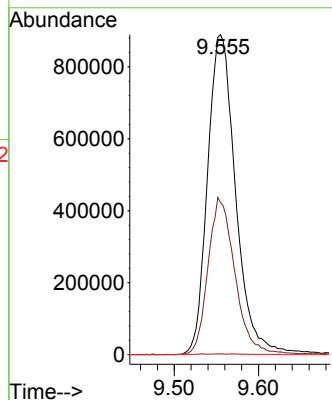
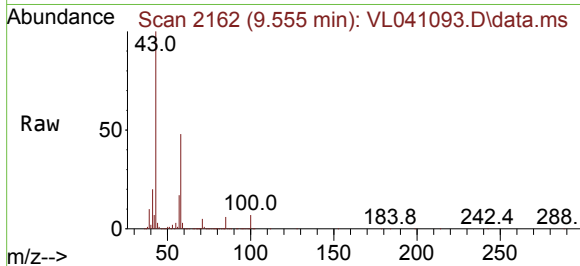




#51
2-Hexanone
Concen: 10.322 ppbv
RT: 9.555 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

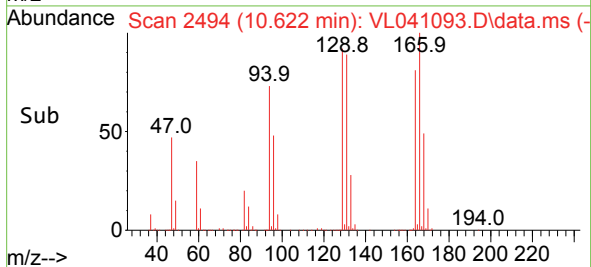
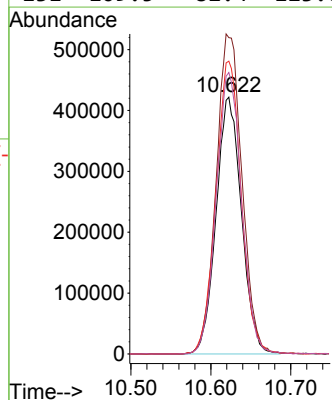
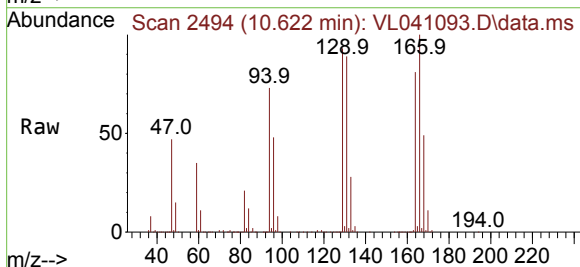
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

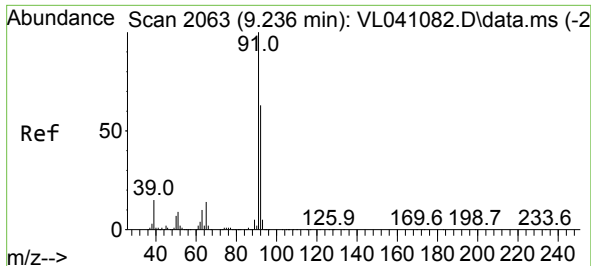
Tgt Ion: 43 Resp: 2037442
Ion Ratio Lower Upper
43 100
58 48.0 37.4 56.2
98 0.2 0.4 0.6#



#52
Tetrachloroethene
Concen: 10.891 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 164 Resp: 927923
Ion Ratio Lower Upper
164 100
166 123.2 100.6 150.8
129 114.0 87.2 130.8
131 109.5 82.4 123.6

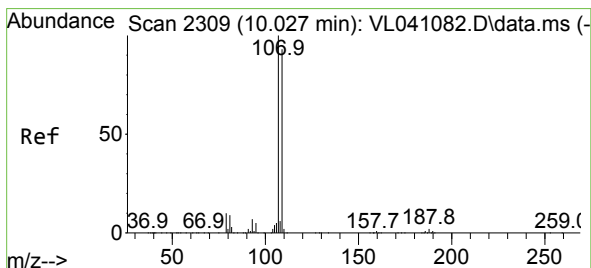
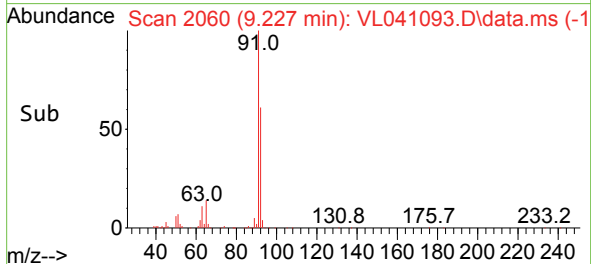
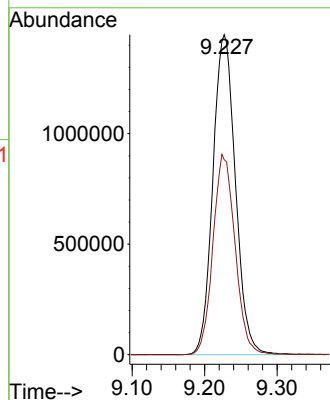
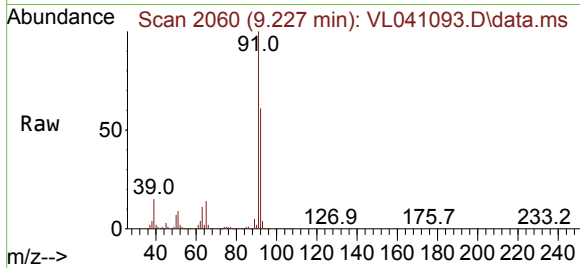




#53
Toluene
Concen: 10.546 ppbv
RT: 9.227 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

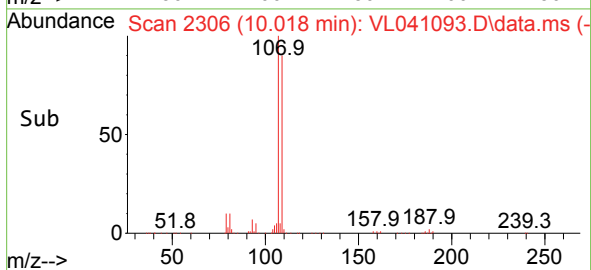
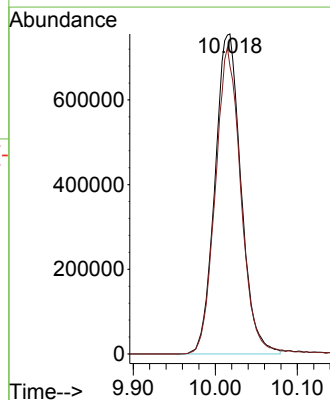
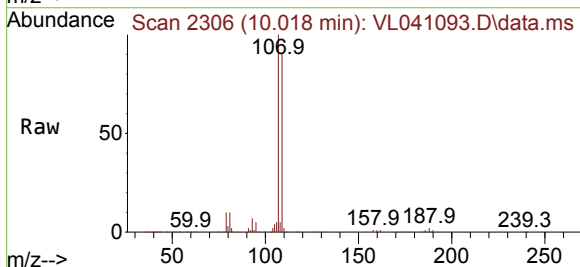
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

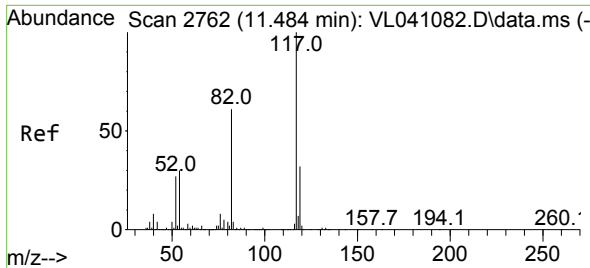
Tgt Ion: 91 Resp: 3122423
Ion Ratio Lower Upper
91 100
92 61.6 48.9 73.3



#54
1,2-Dibromoethane
Concen: 11.075 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 107 Resp: 1669392
Ion Ratio Lower Upper
107 100
109 90.0 74.4 111.6

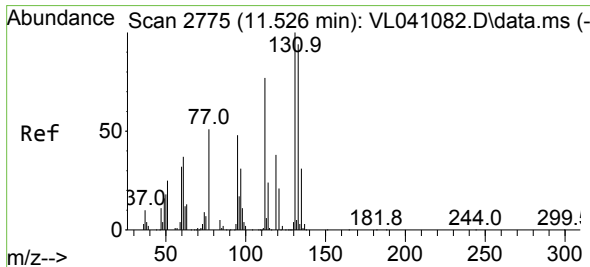
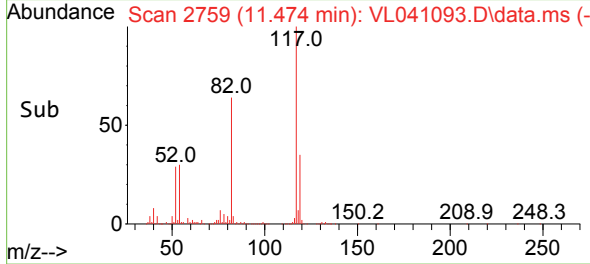
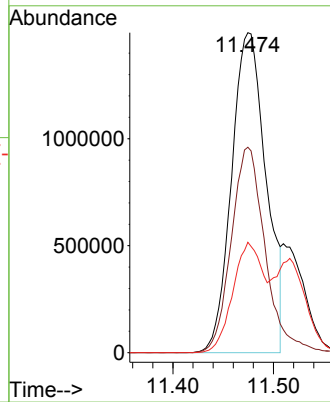
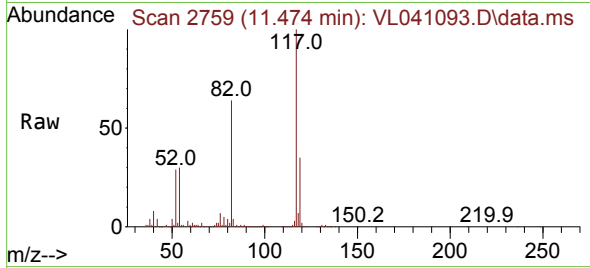




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.474 min Scan# 2762
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

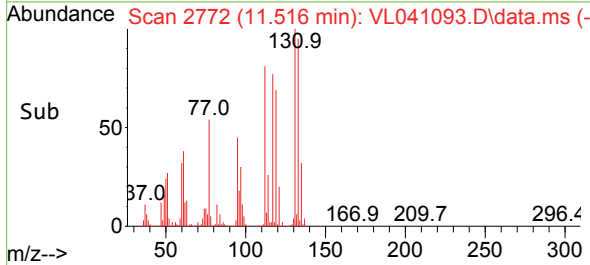
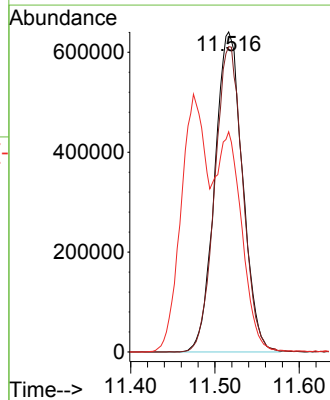
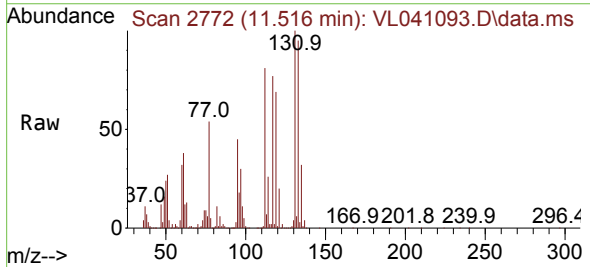
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

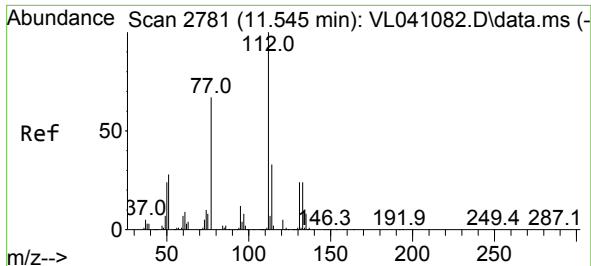
Tgt Ion:117 Resp: 3569504
Ion Ratio Lower Upper
117 100
82 63.6 51.4 77.2
119 33.7 23.7 35.5



#56
1,1,1,2-Tetrachloroethane
Concen: 9.616 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion:131 Resp: 1468539
Ion Ratio Lower Upper
131 100
133 96.2 76.1 114.1
119 58.1 51.1 76.7

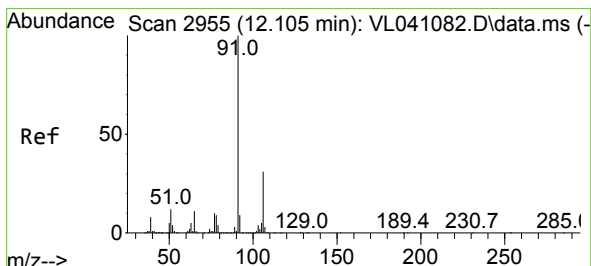
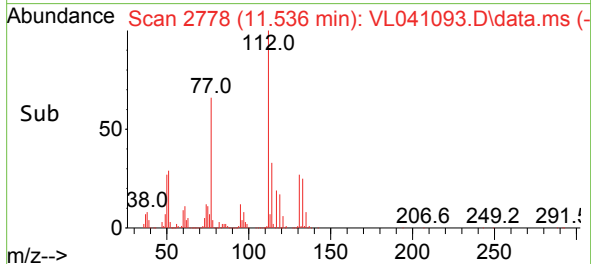
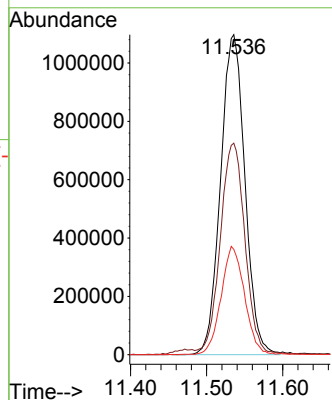
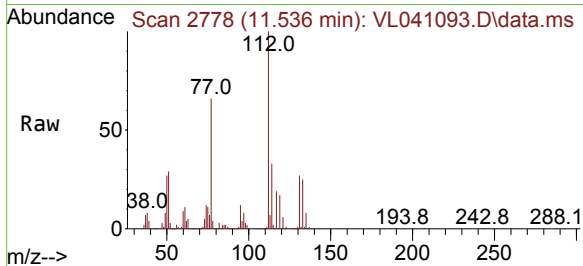




#57
Chlorobenzene
Concen: 9.699 ppbv
RT: 11.536 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

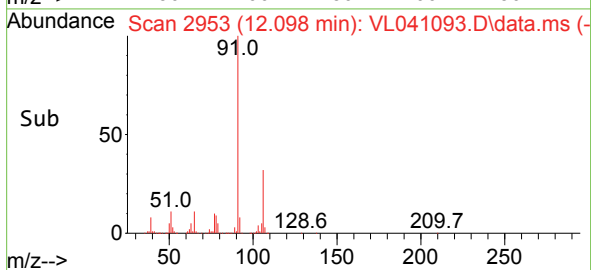
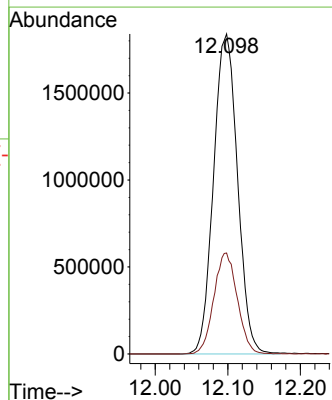
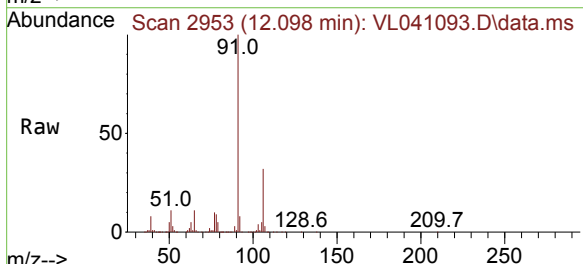
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

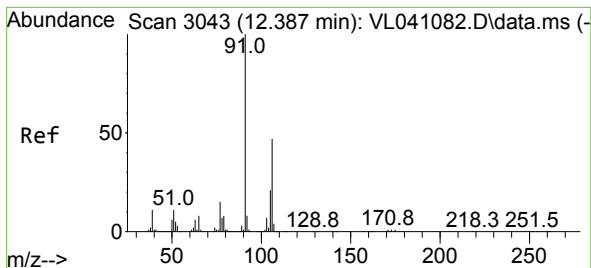
Tgt Ion:112 Resp: 2440328
Ion Ratio Lower Upper
112 100
77 65.5 54.6 81.8
114 32.8 29.4 36.0



#58
Ethyl Benzene
Concen: 10.103 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 91 Resp: 4222011
Ion Ratio Lower Upper
91 100
106 31.6 24.6 36.8





#59

m/p-Xylene

Concen: 8.191 ppbv

RT: 12.381 min Scan# 3043

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

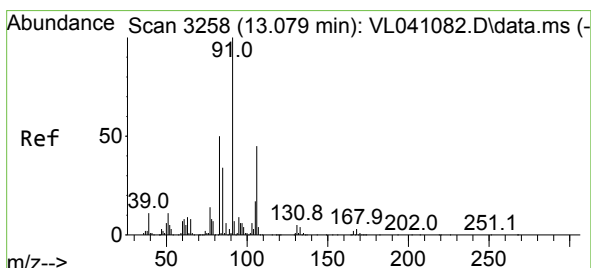
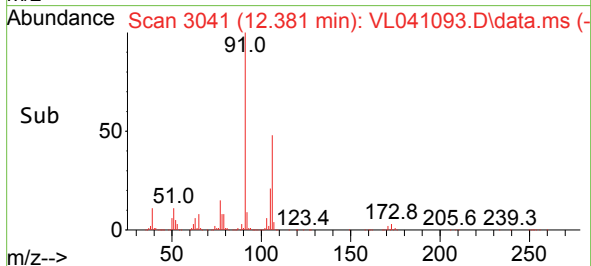
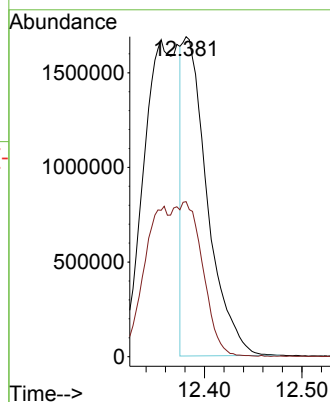
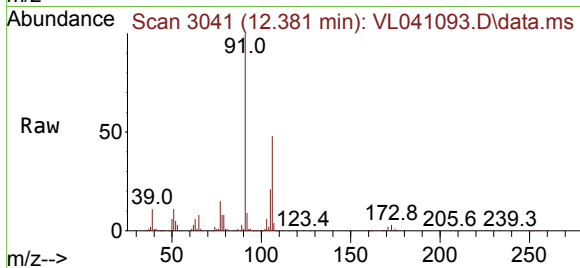
VL0312ABS01

Tgt Ion: 91 Resp: 3004751

Ion Ratio Lower Upper

91 100

106 106.9 35.4 53.2#



#60

o-Xylene

Concen: 9.978 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. -0.000 min

Lab File: VL041093.D

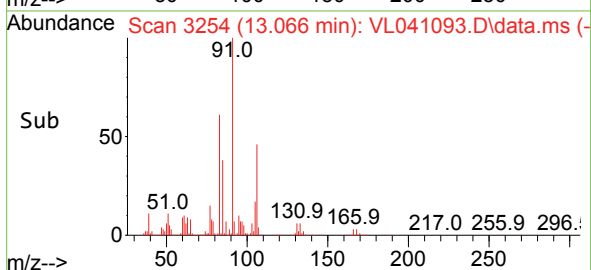
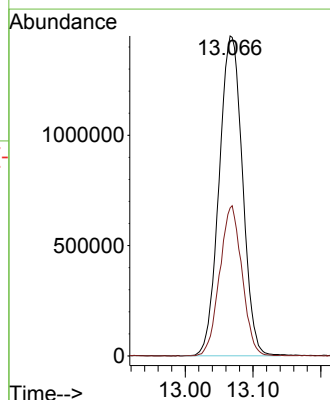
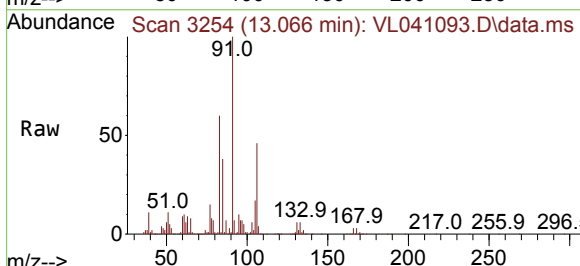
Acq: 12 Mar 2024 11:11

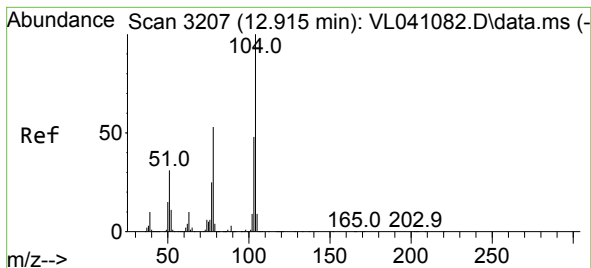
Tgt Ion: 91 Resp: 3475361

Ion Ratio Lower Upper

91 100

106 45.1 22.4 67.3





#61

Styrene

Concen: 11.470 ppbv

RT: 12.905 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

VL0312ABS01

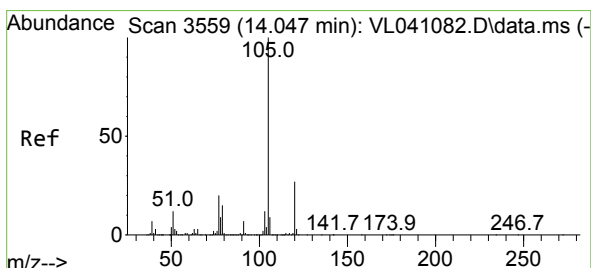
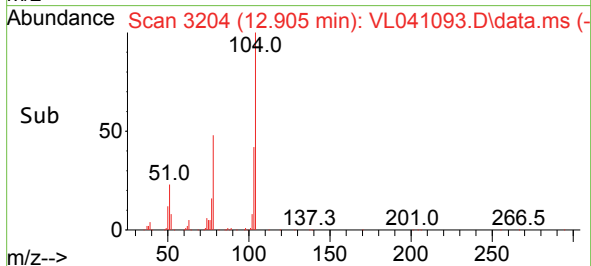
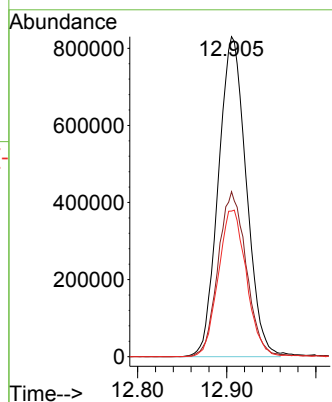
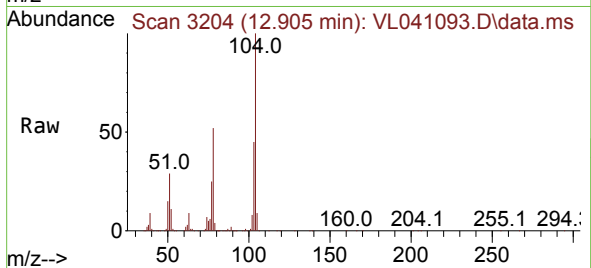
Tgt Ion:104 Resp: 1804050

Ion Ratio Lower Upper

104 100

78 52.5 42.6 64.0

103 46.7 37.3 55.9



#62

Isopropylbenzene

Concen: 9.611 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.003 min

Lab File: VL041093.D

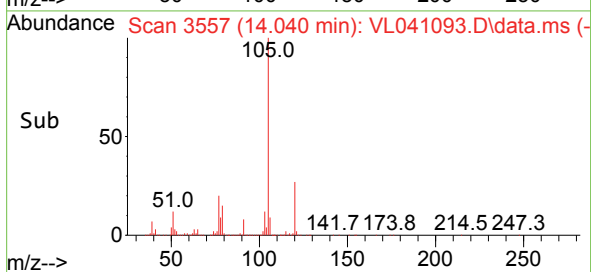
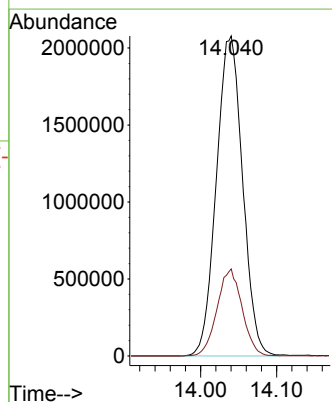
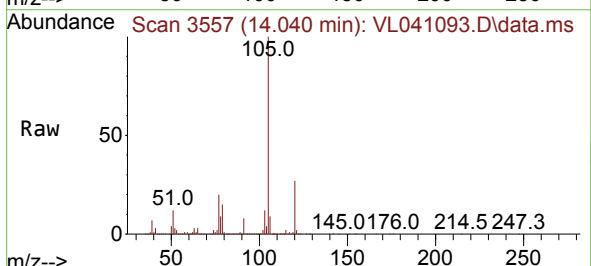
Acq: 12 Mar 2024 11:11

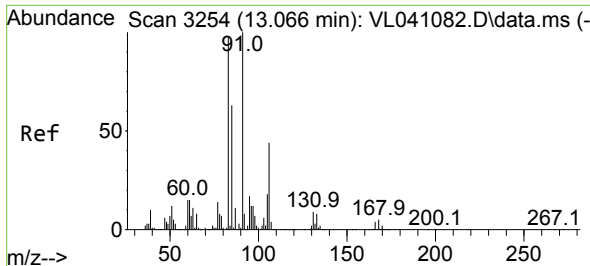
Tgt Ion:105 Resp: 4973100

Ion Ratio Lower Upper

105 100

120 25.9 20.5 30.7

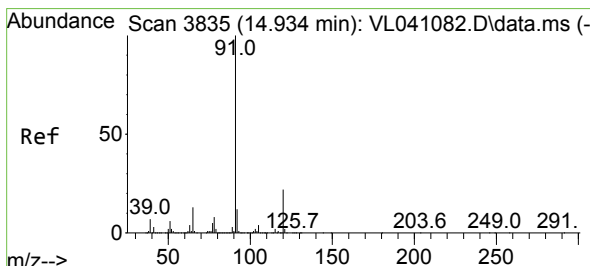
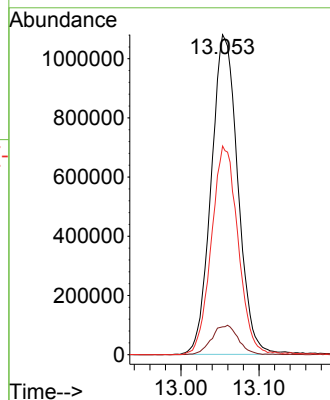
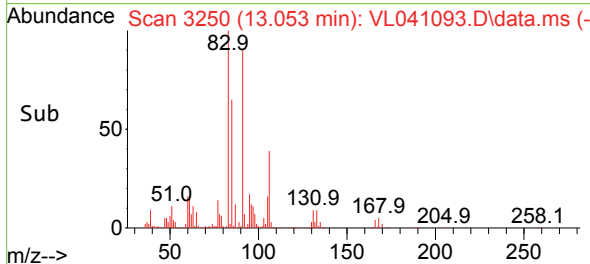
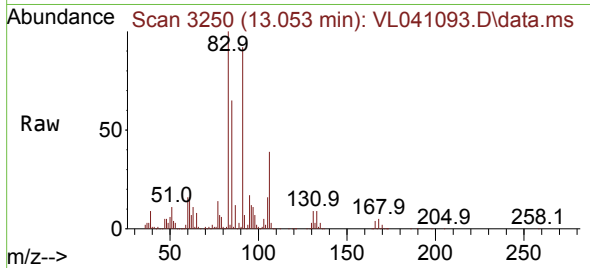




#63
1,1,2,2-Tetrachloroethane
Concen: 9.771 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

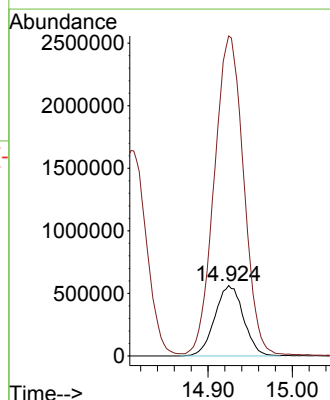
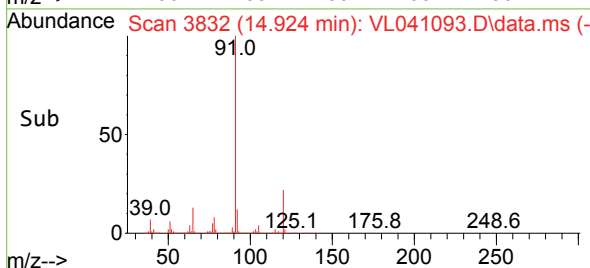
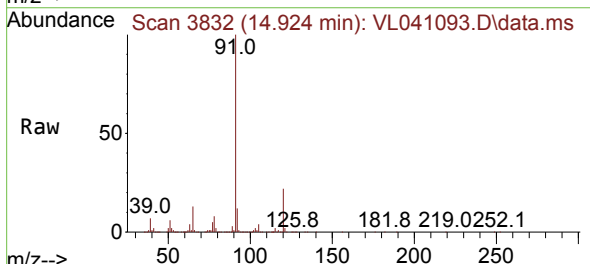
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

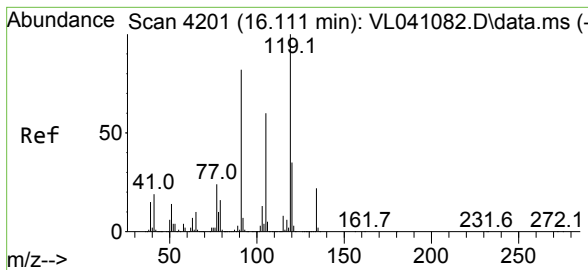
Tgt Ion: 83 Resp: 2558020
Ion Ratio Lower Upper
83 100
131 9.3 4.7 14.0
85 66.1 32.7 98.1



#64
n-propylbenzene
Concen: 10.164 ppbv
RT: 14.924 min Scan# 3832
Delta R.T. -0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 120 Resp: 1323292
Ion Ratio Lower Upper
120 100
91 470.5 387.5 581.3

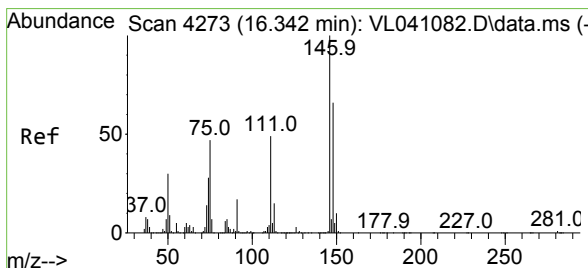
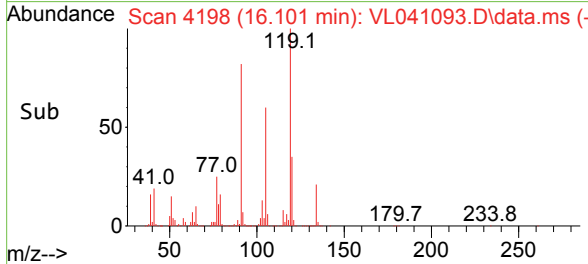
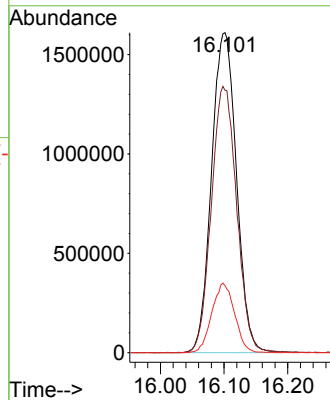
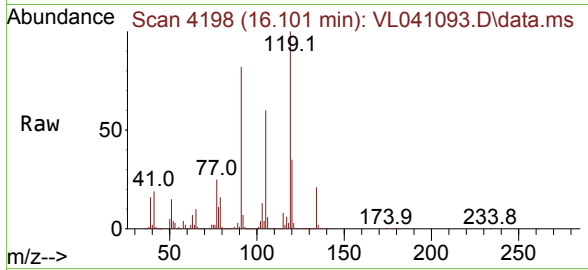




#65
tert-Butylbenzene
Concen: 9.741 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. 0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

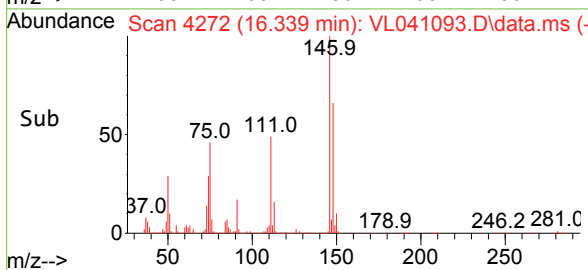
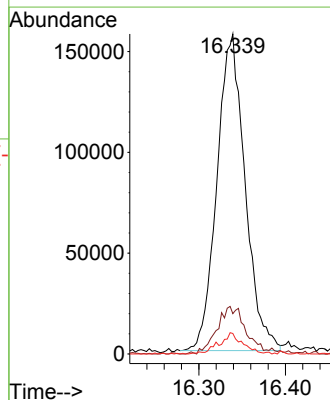
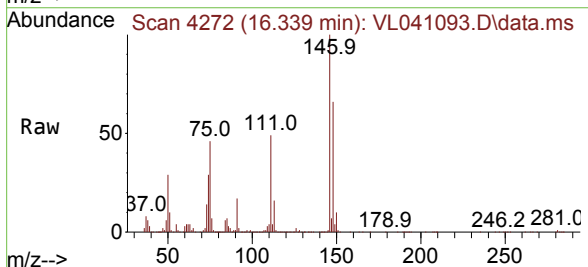
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

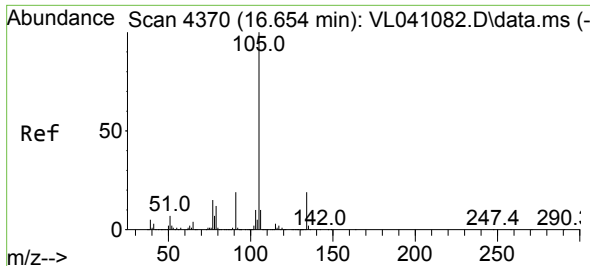
Tgt Ion:119 Resp: 4380373
Ion Ratio Lower Upper
119 100
91 84.7 67.8 101.8
134 19.9 16.2 24.2



#66
Benzyl Chloride
Concen: 11.630 ppbv
RT: 16.339 min Scan# 4272
Delta R.T. -0.000 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 91 Resp: 354350
Ion Ratio Lower Upper
91 100
126 16.2 14.1 21.1
128 5.9 4.6 7.0

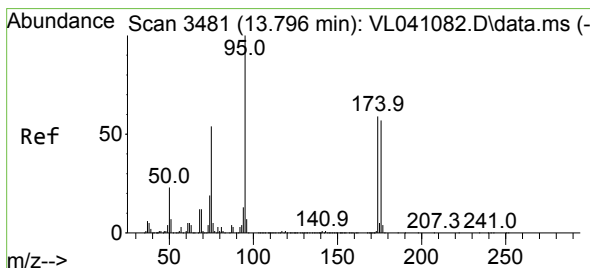
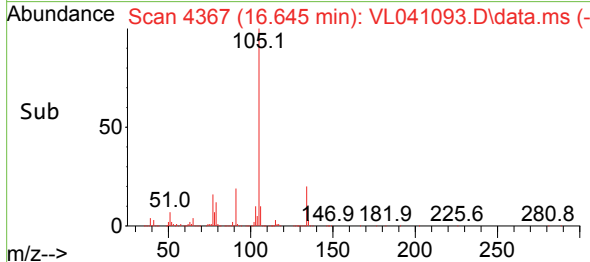
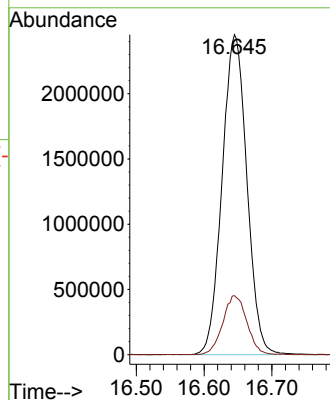
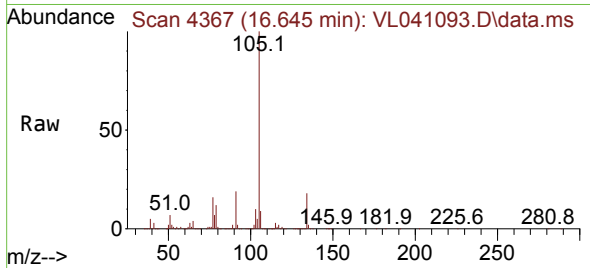




#67
 sec-Butylbenzene
 Concen: 9.601 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

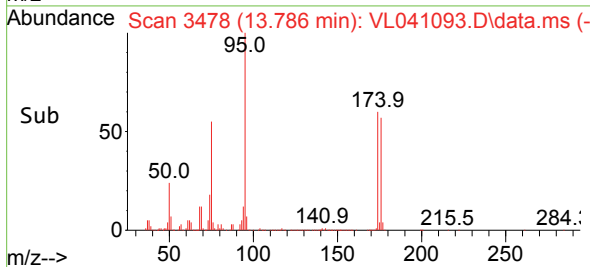
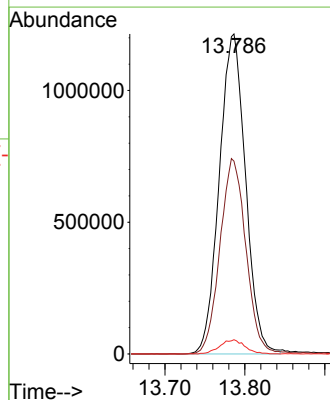
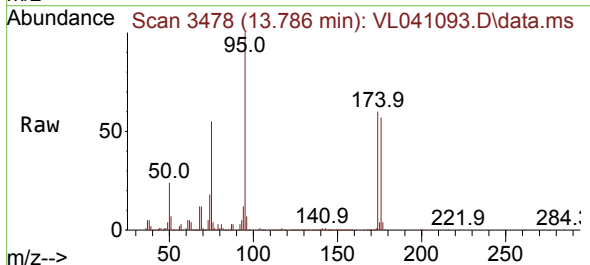
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0312ABS01

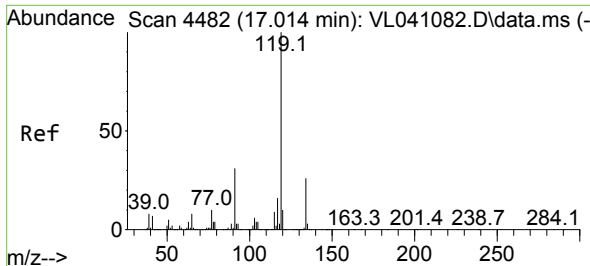
Tgt Ion:105 Resp: 6210658
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.3 21.5



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.908 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.003 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

Tgt Ion: 95 Resp: 2765039
 Ion Ratio Lower Upper
 95 100
 174 60.6 47.8 71.8
 175 4.3 3.5 5.3

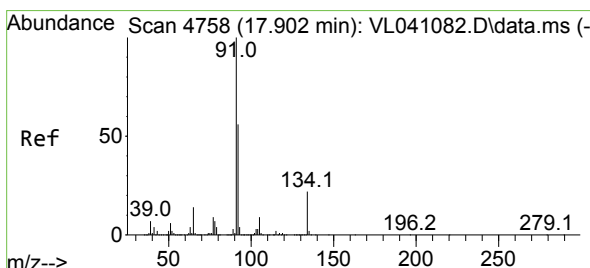
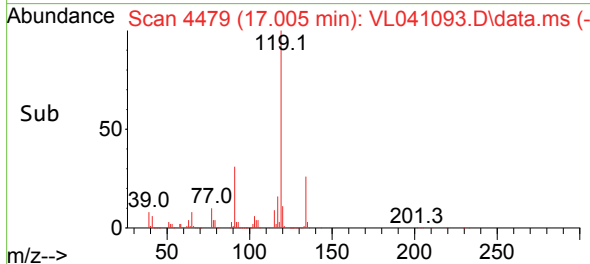
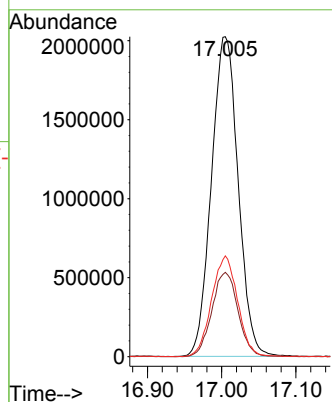
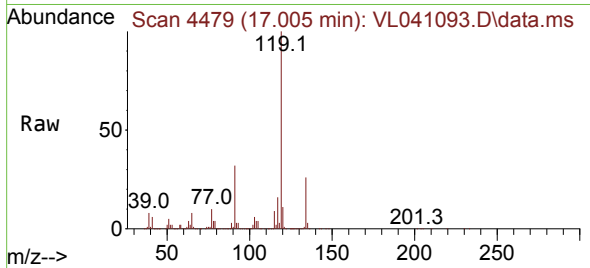




#69
p-Isopropyltoluene
Concen: 10.032 ppbv
RT: 17.005 min Scan# 4482
Delta R.T. 0.006 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

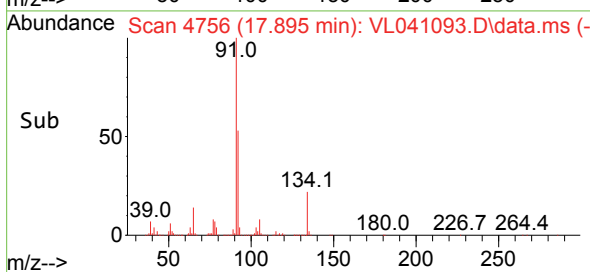
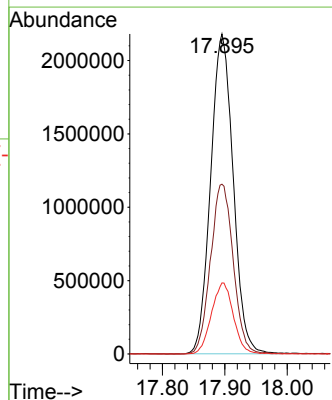
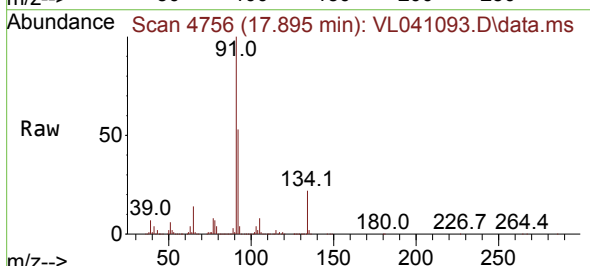
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

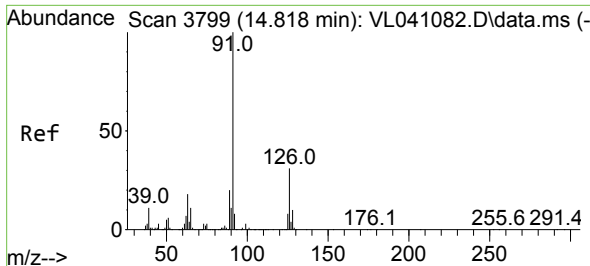
Tgt Ion:119 Resp: 5061983
Ion Ratio Lower Upper
119 100
134 25.9 20.6 30.8
91 30.7 24.7 37.1



#70
n-Butylbenzene
Concen: 10.026 ppbv
RT: 17.895 min Scan# 4756
Delta R.T. 0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 91 Resp: 5467527
Ion Ratio Lower Upper
91 100
92 53.6 43.4 65.2
134 21.7 17.4 26.0

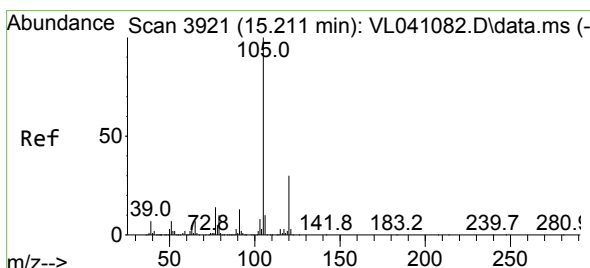
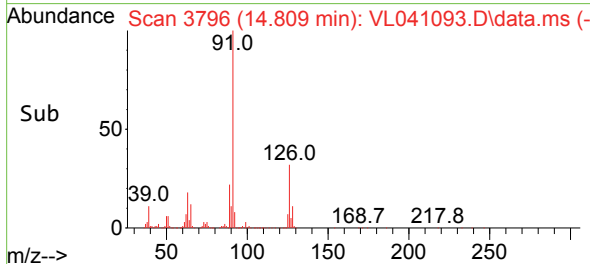
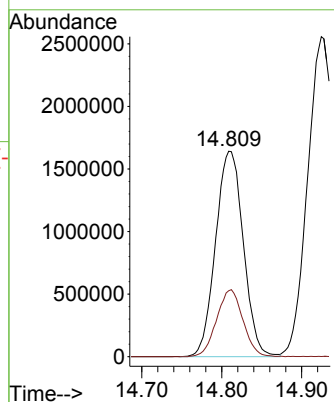
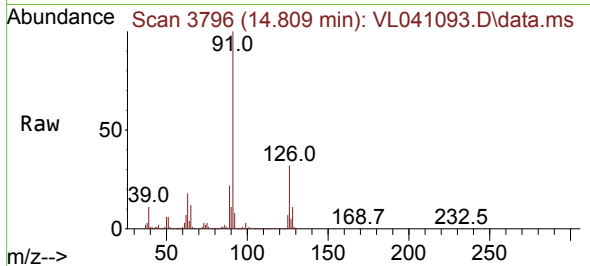




#71
2-Chlorotoluene
Concen: 9.990 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

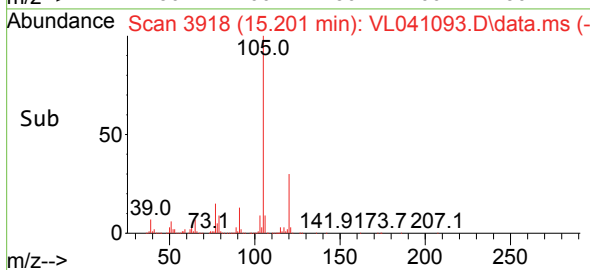
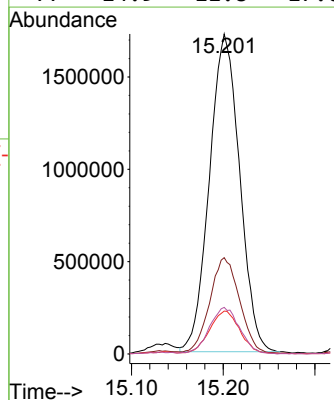
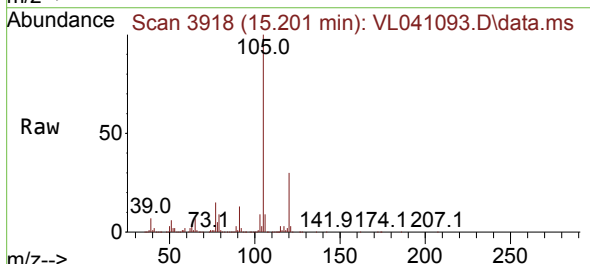
Instrument :
MSVOA_L
ClientSampleId :
VL0312ABS01

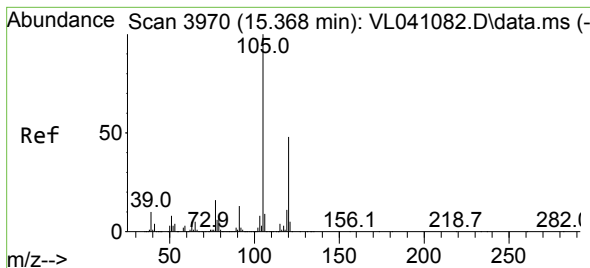
Tgt Ion: 91 Resp: 3953624
Ion Ratio Lower Upper
91 100
126 31.0 12.2 48.8



#72
4-Ethyltoluene
Concen: 10.277 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.003 min
Lab File: VL041093.D
Acq: 12 Mar 2024 11:11

Tgt Ion: 105 Resp: 3940955
Ion Ratio Lower Upper
105 100
120 30.2 23.8 35.8
91 13.5 10.9 16.3
77 14.9 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 10.159 ppbv

RT: 15.362 min Scan# 3970

Delta R.T. 0.003 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

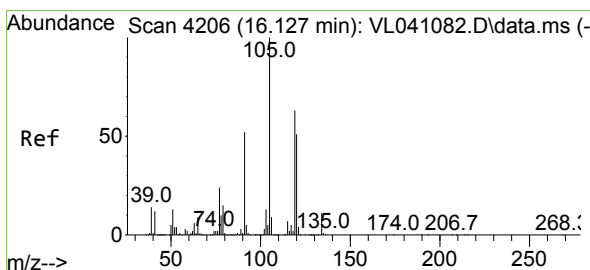
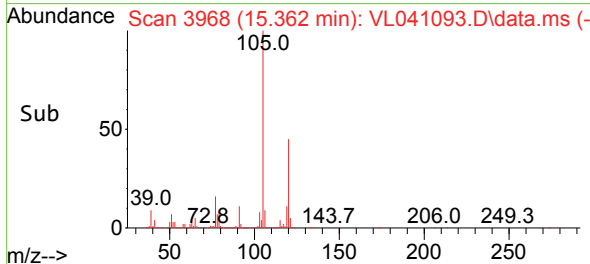
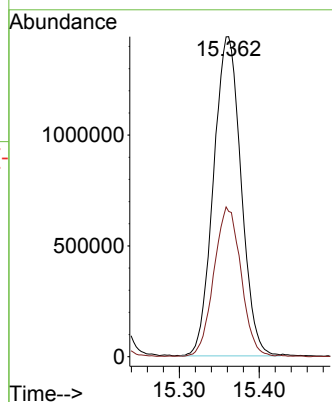
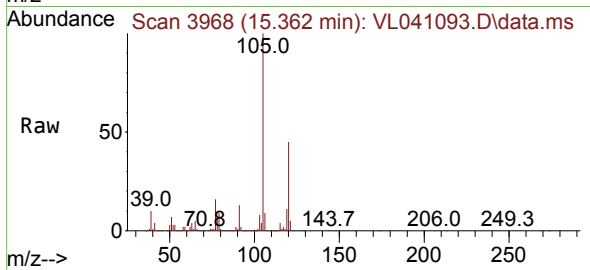
VL0312ABS01

Tgt Ion:105 Resp: 3447596

Ion Ratio Lower Upper

105 100

120 45.2 38.7 58.1



#74

1,2,4-Trimethylbenzene

Concen: 9.735 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. 0.003 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Tgt Ion:105 Resp: 3773095

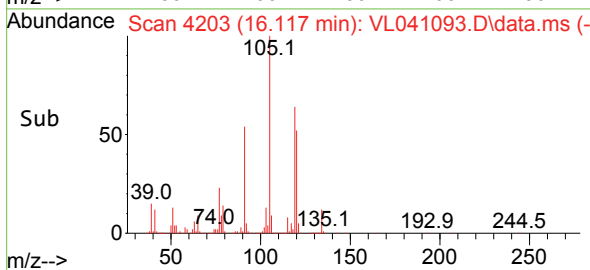
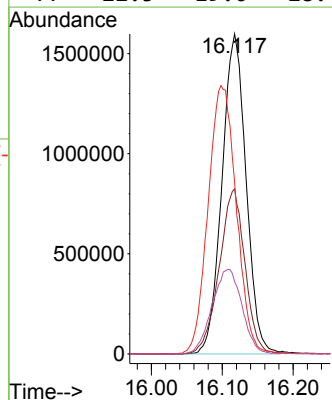
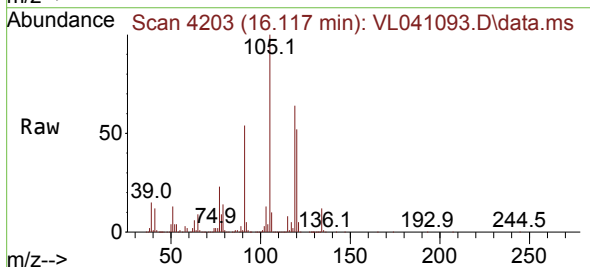
Ion Ratio Lower Upper

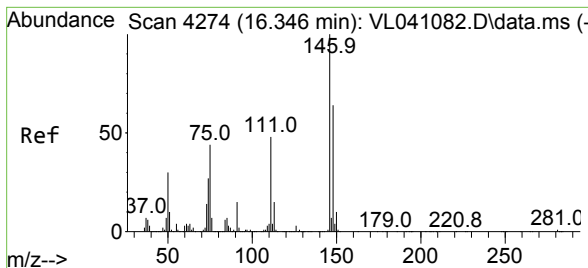
105 100

120 51.6 40.4 60.6

91 53.5 41.4 62.0

77 22.5 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 9.937 ppbv

RT: 16.339 min Scan# 4317

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

VL0312ABS01

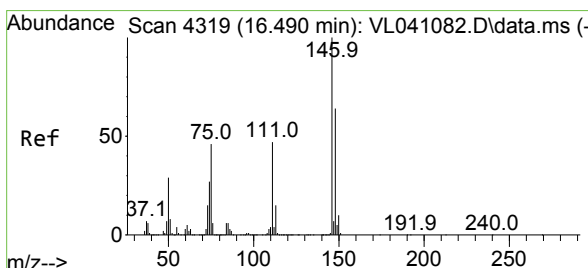
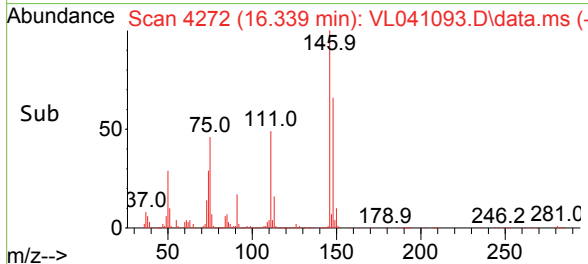
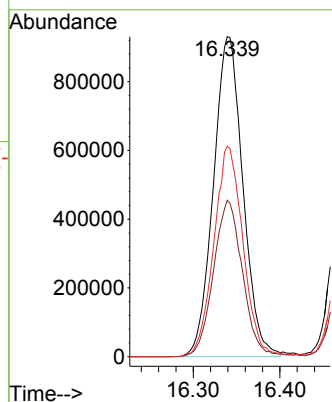
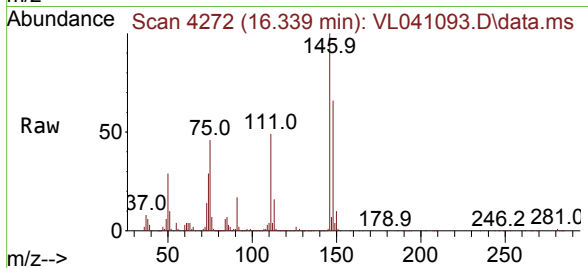
Tgt Ion:146 Resp: 2199348

Ion Ratio Lower Upper

146 100

111 48.3 24.1 72.2

148 65.1 32.6 97.7



#76

1,4-Dichlorobenzene

Concen: 9.732 ppbv

RT: 16.484 min Scan# 4317

Delta R.T. 0.003 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

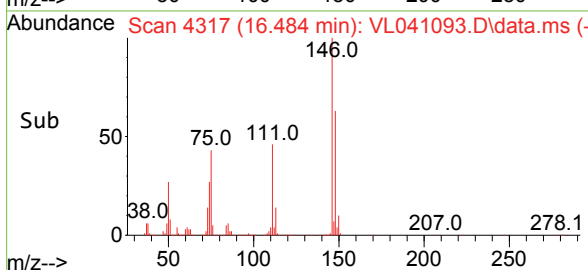
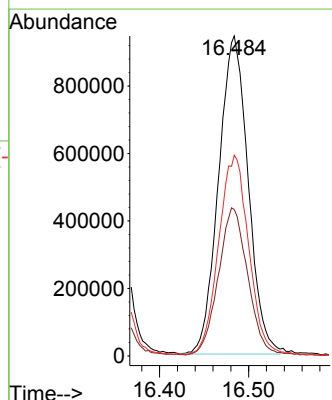
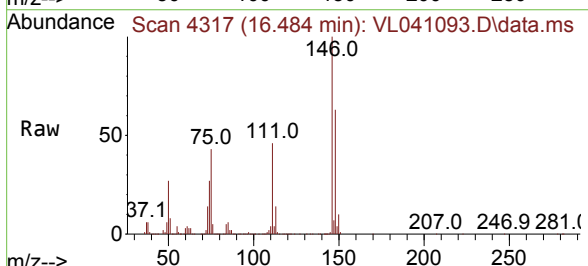
Tgt Ion:146 Resp: 2170359

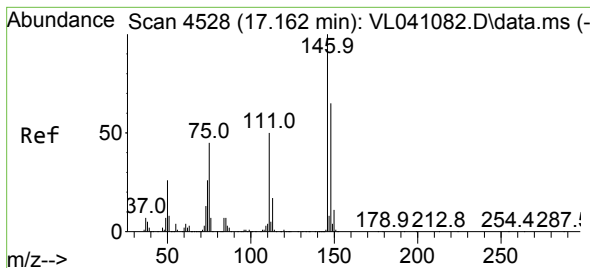
Ion Ratio Lower Upper

146 100

111 47.0 23.9 71.7

148 65.9 32.9 98.6





#77

1,2-Dichlorobenzene

Concen: 9.968 ppbv

RT: 17.149 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

VL0312ABS01

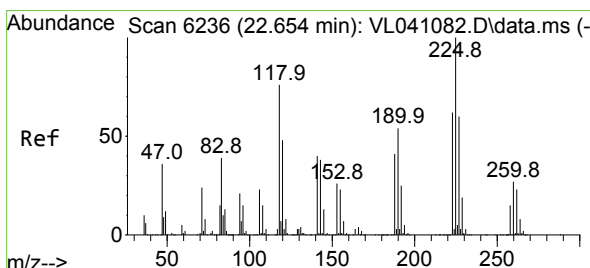
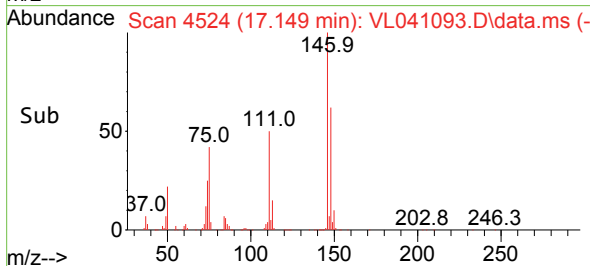
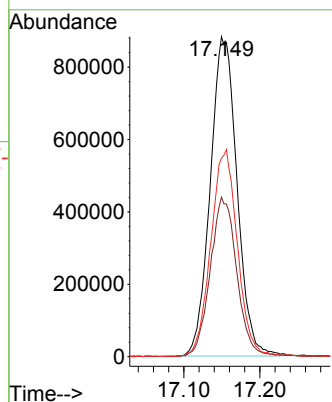
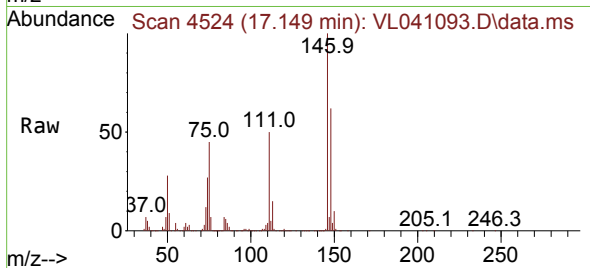
Tgt Ion:146 Resp: 2155920

Ion Ratio Lower Upper

146 100

111 49.4 25.2 75.6

148 64.6 32.4 97.0



#78

Hexachloro-1,3-Butadiene

Concen: 8.428 ppbv

RT: 22.644 min Scan# 6233

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

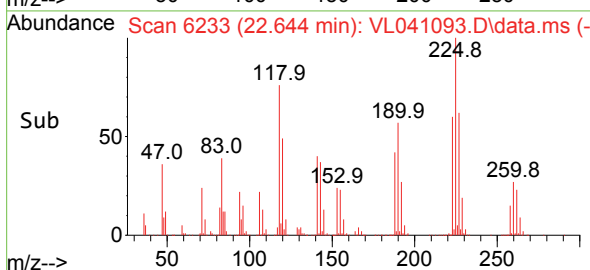
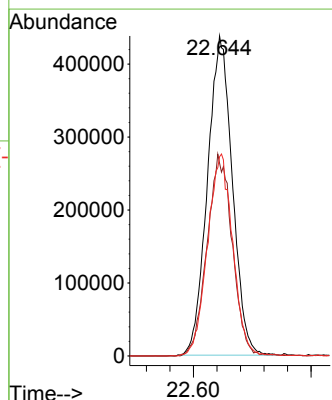
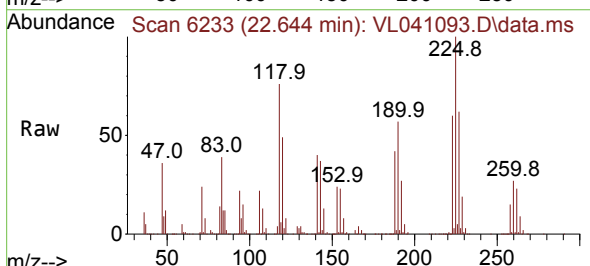
Tgt Ion:225 Resp: 1283261

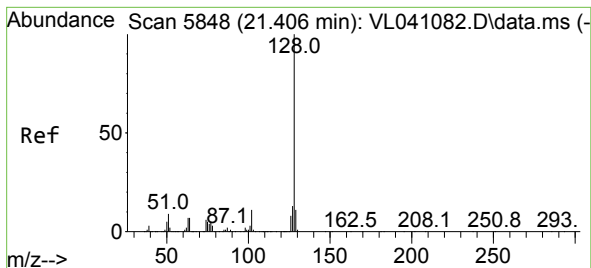
Ion Ratio Lower Upper

225 100

223 64.3 51.1 76.7

227 64.4 51.1 76.7





#79

Naphthalene

Concen: 13.139 ppbv

RT: 21.397 min Scan# 5845

Delta R.T. 0.003 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

Instrument :

MSVOA_L

ClientSampleId :

VL0312ABS01

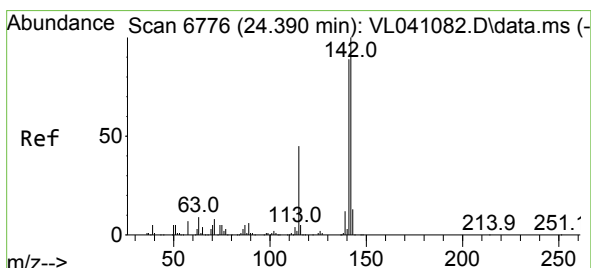
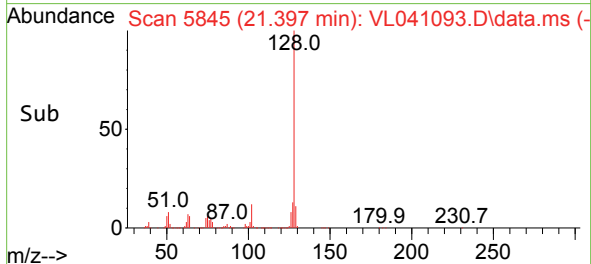
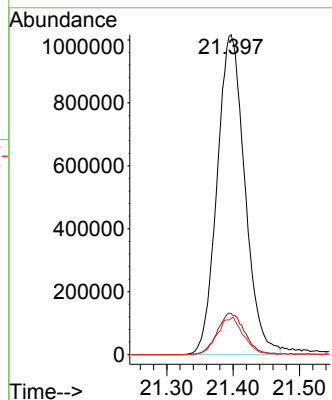
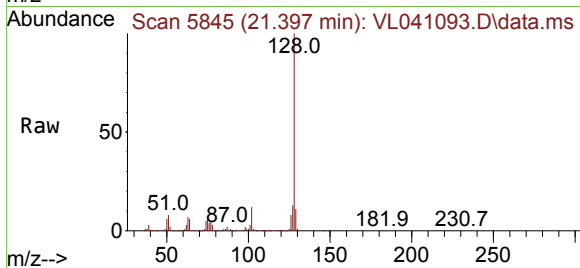
Tgt Ion:128 Resp: 2949127

Ion Ratio Lower Upper

128 100

127 12.8 10.6 15.8

129 11.3 9.0 13.6



#80

Naphthalene,2-methyl-

Concen: 16.384 ppbv

RT: 24.381 min Scan# 6773

Delta R.T. -0.000 min

Lab File: VL041093.D

Acq: 12 Mar 2024 11:11

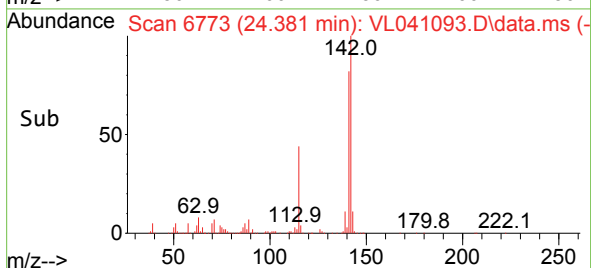
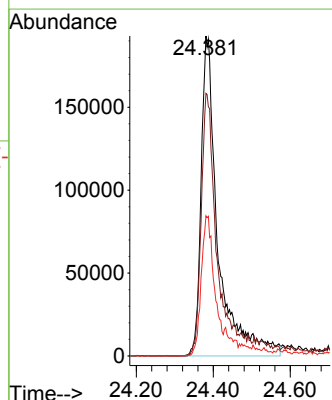
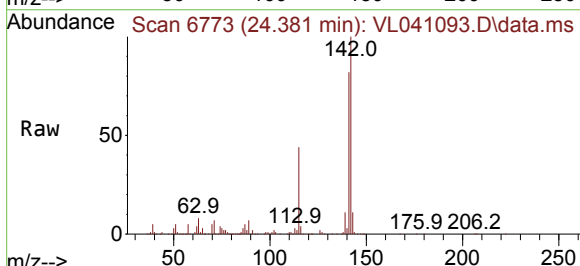
Tgt Ion:142 Resp: 589482

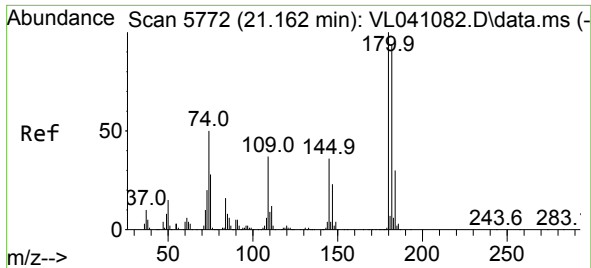
Ion Ratio Lower Upper

142 100

141 75.2 61.3 91.9

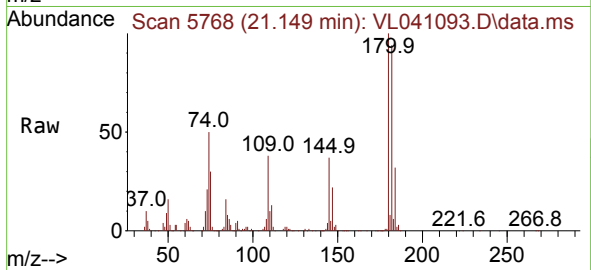
115 42.4 35.4 53.2





#81
 1,2,4-Trichlorobenzene
 Concen: 11.018 ppbv
 RT: 21.149 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VL041093.D
 Acq: 12 Mar 2024 11:11

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0312ABS01



Tgt Ion:180 Resp: 1424119
 Ion Ratio Lower Upper
 180 100
 182 97.3 78.7 118.1
 184 30.9 25.3 37.9

