

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041082.D
 Acq On : 11 Mar 2024 11:05
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Mar 12 05:48:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Mar 12 05:47:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1502734	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.667	114	3742346	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	3616248	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	2849661	10.079	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	2678715	9.355	ppbv	100
3) Chlorodifluoromethane	2.671	51	2050486	9.291	ppbv	100
4) Chloromethane	2.809	50	757058	9.063	ppbv	100
5) Vinyl Chloride	2.918	62	806871	9.493	ppbv	100
6) Bromomethane	3.118	94	334301	9.918	ppbv	100
7) Chloroethane	3.195	64	284540	9.512	ppbv	100
8) Dichlorotetrafluoroethane	2.854	85	1929996	9.281	ppbv	100
9) Propene	2.690	41	693835	9.440	ppbv	100
10) Heptane	7.597	43	1736959	9.877	ppbv	100
11) Trichlorofluoromethane	3.565	101	2095659	9.491	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.070	101	1550208	9.549	ppbv	100
13) Ethanol	3.240	45	146632	7.885	ppbv	94
14) Bromoethene	3.365	108	611053	9.653	ppbv	100
15) Acetone	3.468	43	1405666	8.211	ppbv	100
16) 1,3-Butadiene	2.983	39	752586	9.337	ppbv	100
17) tert-Butyl alcohol	3.880	59	1190661	9.354	ppbv	100
18) 1,1-Dichloroethene	3.883	96	679069	9.500	ppbv	100
19) Isopropyl Alcohol	3.574	45	869034	9.503	ppbv	100
20) Methylene Chloride	3.934	84	572950	8.584	ppbv	100
21) Allyl Chloride	3.999	41	928568	9.603	ppbv	100
22) trans-1,2-Dichloroethene	4.452	96	830475	9.758	ppbv	100
23) Vinyl Acetate	4.632	43	2006716	10.555	ppbv	100
24) 1,1-Dichloroethane	4.571	63	1727053	9.868	ppbv	100
25) Ethyl Acetate	5.211	43	2945705	9.550	ppbv	100
26) Hexane	5.221	57	1298990	9.390	ppbv	100
27) Carbon Disulfide	4.127	76	1695025	10.257	ppbv	100
28) Methyl tert-Butyl Ether	4.590	73	1184780	9.720	ppbv	100
29) Chloroform	5.285	83	2227885	9.363	ppbv	100
30) Cyclohexane	6.613	84	1084141	9.577	ppbv	100
31) cis-1,2-Dichloroethene	5.086	61	1331995	9.940	ppbv	100
32) 1,1,1-Trichloroethane	6.012	97	2167181	10.168	ppbv	100
34) 2-Butanone	4.790	43	1864593	10.035	ppbv	100
35) Carbon Tetrachloride	6.507	117	2312621	10.613	ppbv	100
36) Benzene	6.381	78	2748449	9.866	ppbv	100
37) 1,2-Dichloroethane	5.819	62	1655674	9.879	ppbv	100
38) Trichloroethene	7.307	130	1072379	10.312	ppbv	100
39) 1,2-Dichloropropane	7.085	63	1074709	9.648	ppbv	100
40) 1,4-Dioxane	7.298	88	432254	9.843	ppbv	100
41) Tetrahydrofuran	5.561	42	1121702	10.176	ppbv	100
42) Bromodichloromethane	7.262	83	2417882	10.070	ppbv	100
43) Methyl Methacrylate	7.487	69	1136716	10.562	ppbv	100
44) 2,2,4-Trimethylpentane	7.339	57	4535053	9.741	ppbv	100
45) t-1,3-Dichloropropene	8.728	75	859610	11.499	ppbv	100

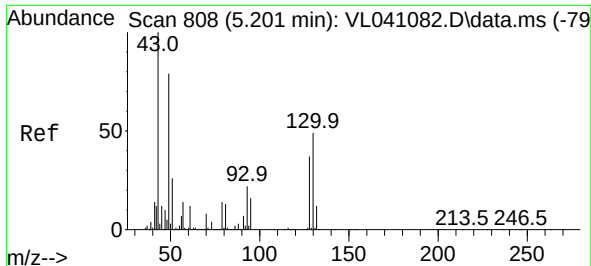
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031124\
 Data File : VL041082.D
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 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Mar 12 05:47:21 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	1030279	11.062	ppbv	100
47) 1,1,2-Trichloroethane	8.915	97	1173029	9.852	ppbv	100
48) Dibromochloromethane	9.728	129	2045282	10.544	ppbv	100
49) Bromoform	12.426	173	1697398	11.015	ppbv	100
50) 4-Methyl-2-Pentanone	8.195	43	2839206	10.389	ppbv	100
51) 2-Hexanone	9.564	43	2088084	10.318	ppbv	100
52) Tetrachloroethene	10.632	164	943120	10.888	ppbv	100
53) Toluene	9.236	91	3150760	10.493	ppbv	100
54) 1,2-Dibromoethane	10.027	107	1682200	11.012	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.526	131	1490043	9.623	ppbv	100
57) Chlorobenzene	11.545	112	2469206	9.537	ppbv	100
58) Ethyl Benzene	12.105	91	4304749	10.167	ppbv	100
59) m/p-Xylene	12.387	91	4072507	10.957	ppbv #	45
60) o-Xylene	12.079	91	3539944	10.041	ppbv	100
61) Styrene	12.915	104	1825155	11.351	ppbv	100
62) Isopropylbenzene	14.047	105	5118958	9.761	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.066	83	2663340	9.894	ppbv	100
64) n-propylbenzene	14.934	120	1323777	10.018	ppbv	100
65) tert-Butylbenzene	16.111	119	4453629	9.790	ppbv	100
66) Benzyl Chloride	16.342	91	339120	11.062	ppbv	100
67) sec-Butylbenzene	16.654	105	6360806	9.706	ppbv	100
69) p-Isopropyltoluene	17.014	119	5123320	10.022	ppbv	100
70) n-Butylbenzene	17.902	91	5573867	10.089	ppbv	100
71) 2-Chlorotoluene	14.818	91	4036207	10.067	ppbv	100
72) 4-Ethyltoluene	15.211	105	4062674	10.457	ppbv	100
73) 1,3,5-Trimethylbenzene	15.368	105	3501734	10.185	ppbv	100
74) 1,2,4-Trimethylbenzene	16.127	105	3833200	9.762	ppbv	100
75) 1,3-Dichlorobenzene	16.346	146	1326028	5.917	ppbv #	46
76) 1,4-Dichlorobenzene	16.490	146	2198393	9.750	ppbv	100
77) 1,2-Dichlorobenzene	17.162	146	2167733	9.793	ppbv	100
78) Hexachloro-1,3-Butadiene	22.654	225	1299264	8.392	ppbv	100
79) Naphthalene	21.406	128	2783574	12.045	ppbv	100
80) Naphthalene,2-methyl-	24.390	142	436496	14.466	ppbv	100
81) 1,2,4-Trichlorobenzene	21.162	180	1377389	10.428	ppbv	100

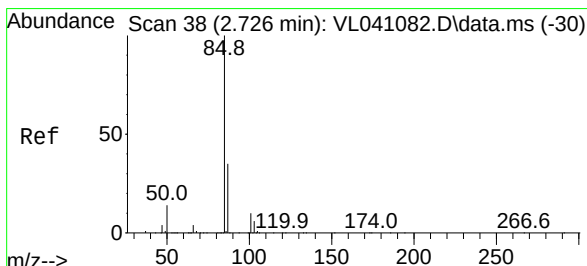
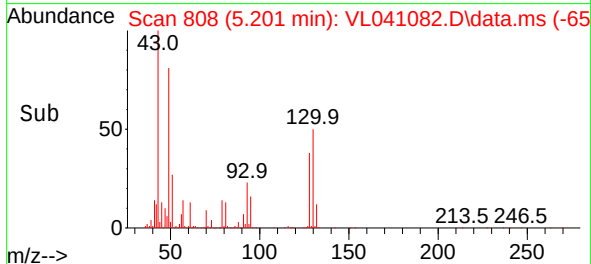
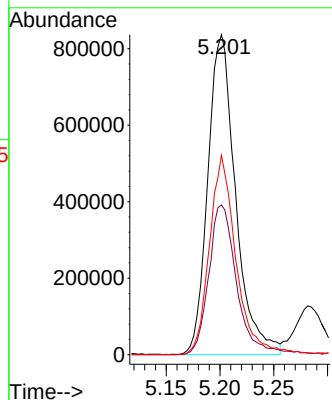
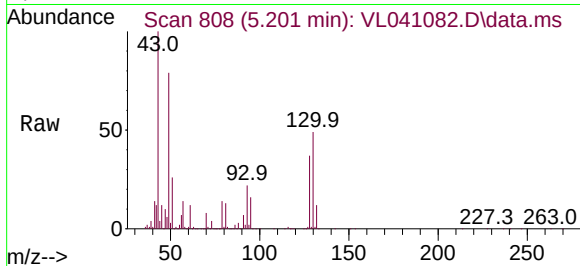
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

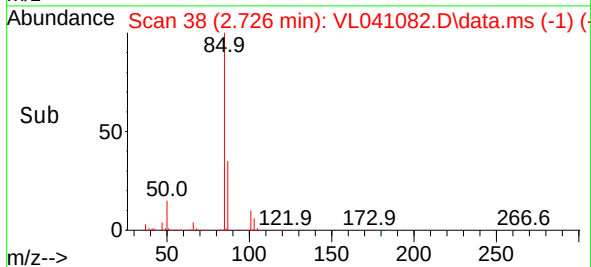
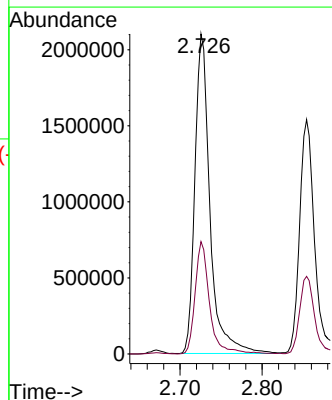
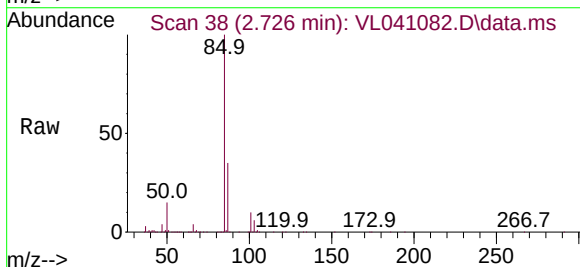
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

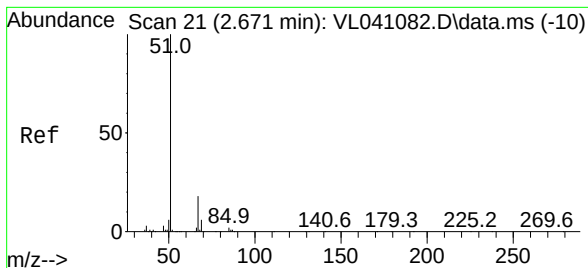
Tgt Ion: 49 Resp: 1502734
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.5
130 60.6 30.3 90.9



#2
Dichlorodifluoromethane
Concen: 9.355 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 85 Resp: 2678715
Ion Ratio Lower Upper
85 100
87 35.1 28.1 42.1

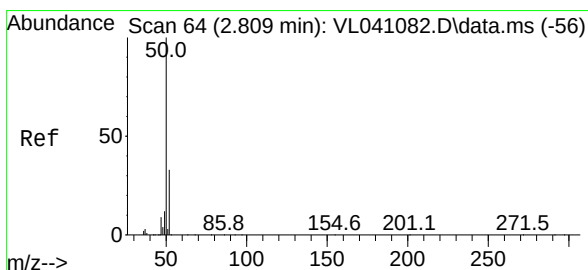
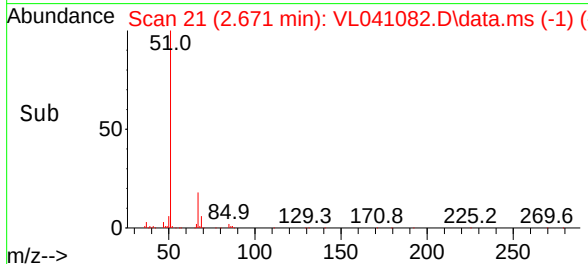
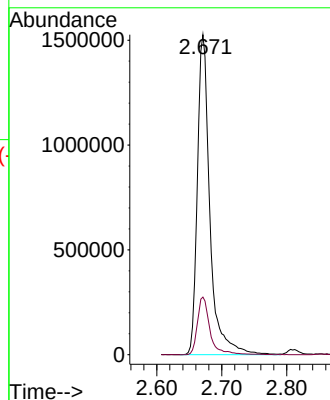
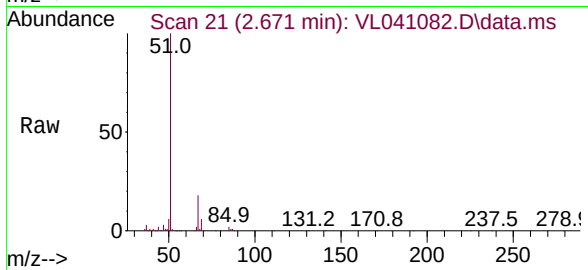




#3
 Chlorodifluoromethane
 Concen: 9.291 ppbv
 RT: 2.671 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

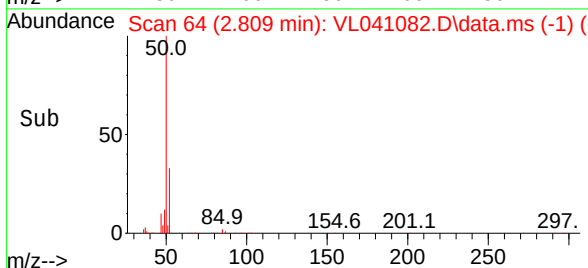
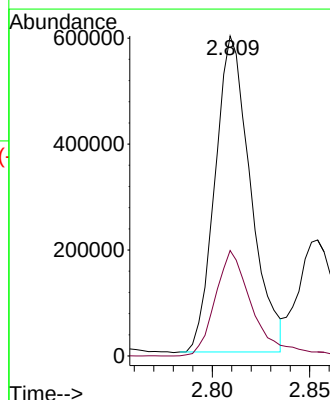
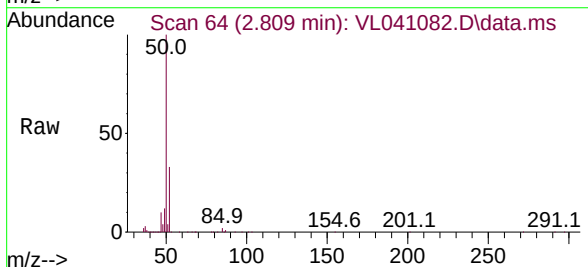
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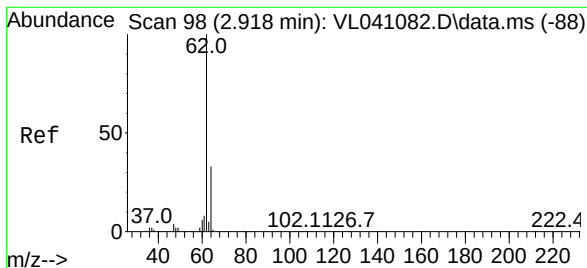
Tgt Ion: 51 Resp: 2050486
 Ion Ratio Lower Upper
 51 100
 67 18.1 14.5 21.7



#4
 Chloromethane
 Concen: 9.063 ppbv
 RT: 2.809 min Scan# 64
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

Tgt Ion: 50 Resp: 757058
 Ion Ratio Lower Upper
 50 100
 52 33.3 26.6 40.0





#5

Vinyl Chloride

Concen: 9.493 ppbv

RT: 2.918 min Scan# 98

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

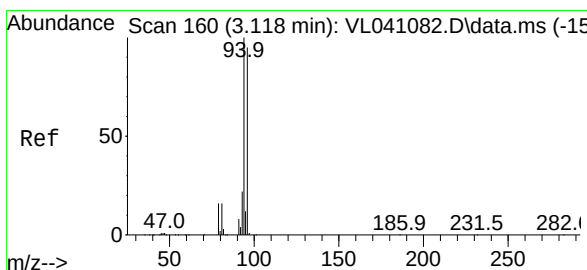
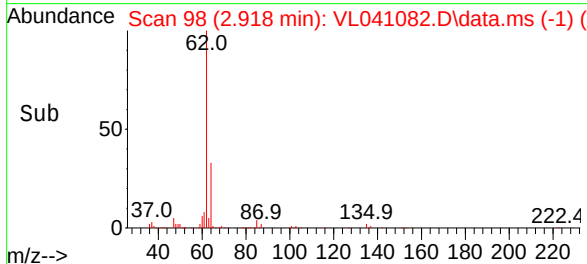
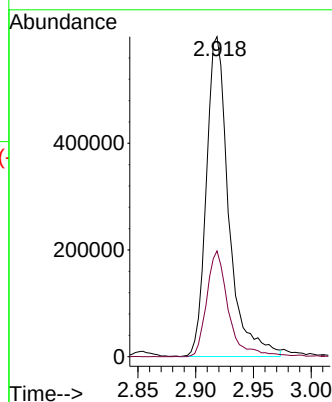
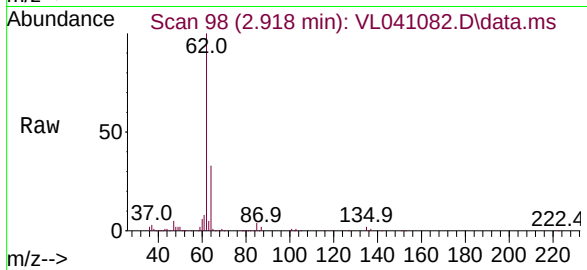
VSTDICCC010

Tgt Ion: 62 Resp: 806871

Ion Ratio Lower Upper

62 100

64 33.1 26.5 39.7



#6

Bromomethane

Concen: 9.918 ppbv

RT: 3.118 min Scan# 160

Delta R.T. 0.000 min

Lab File: VL041082.D

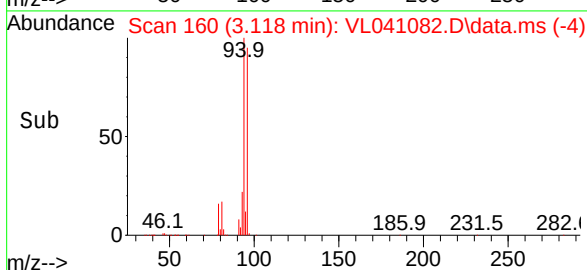
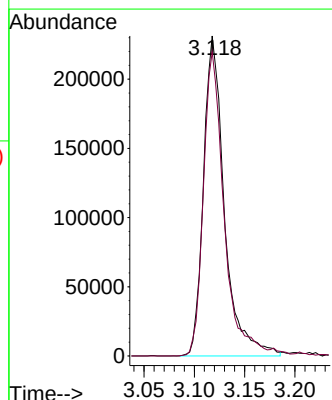
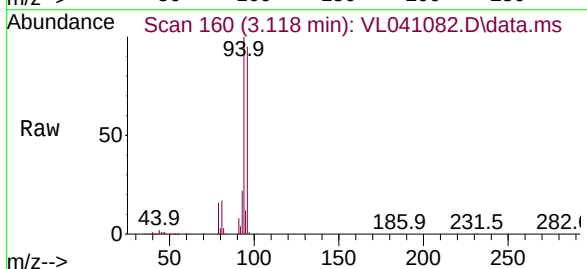
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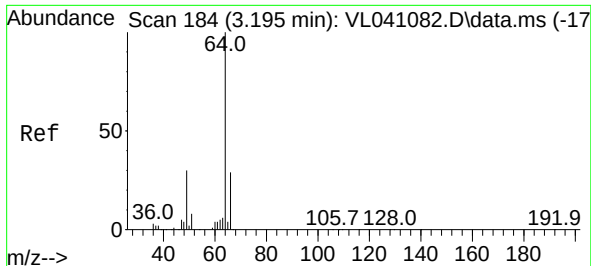
Tgt Ion: 94 Resp: 334301

Ion Ratio Lower Upper

94 100

96 95.0 76.0 114.0

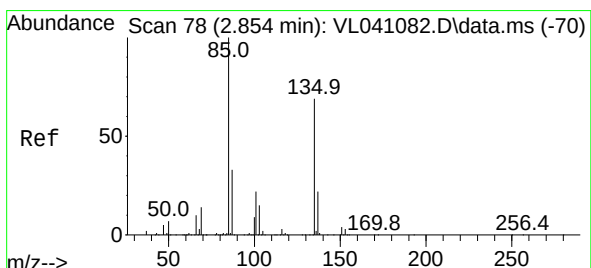
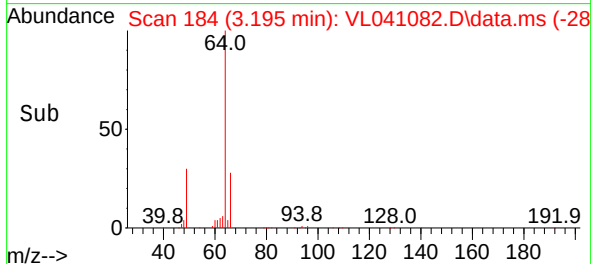
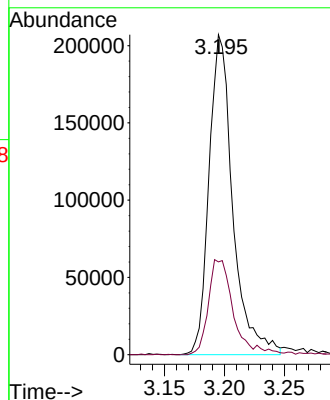
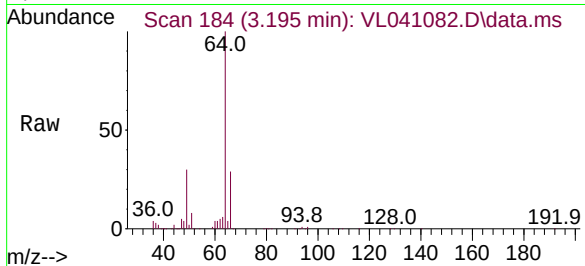




#7
Chloroethane
Concen: 9.512 ppbv
RT: 3.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

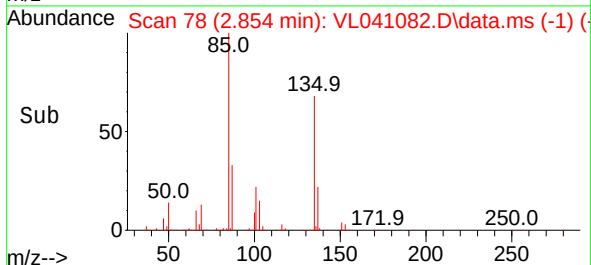
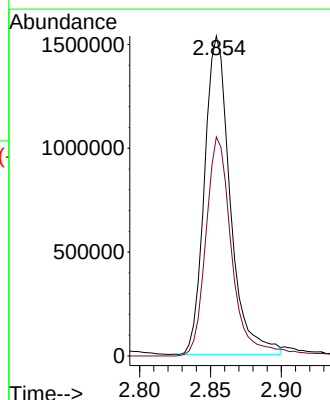
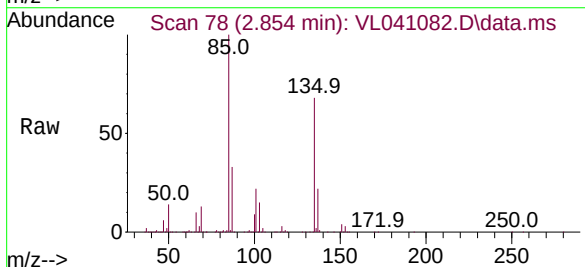
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

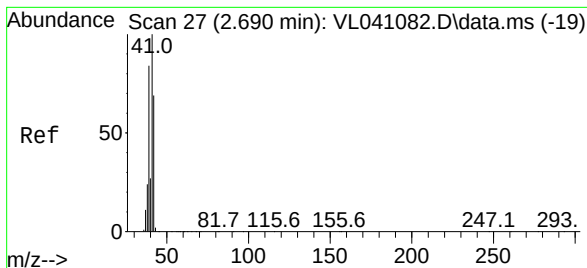
Tgt Ion: 64 Resp: 284540
Ion Ratio Lower Upper
64 100
66 29.0 23.2 34.8



#8
Dichlorotetrafluoroethane
Concen: 9.281 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 85 Resp: 1929996
Ion Ratio Lower Upper
85 100
135 70.9 56.7 85.1





#9

Propene

Concen: 9.440 ppbv

RT: 2.690 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

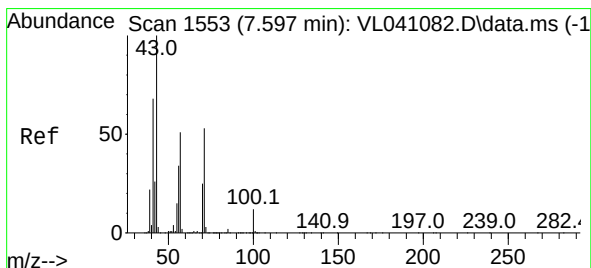
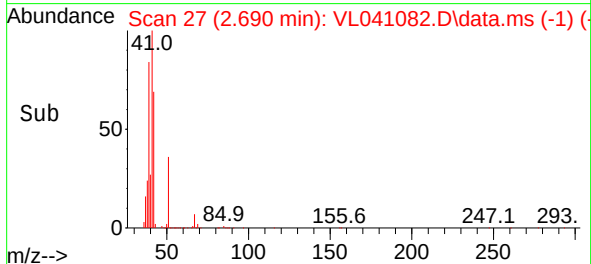
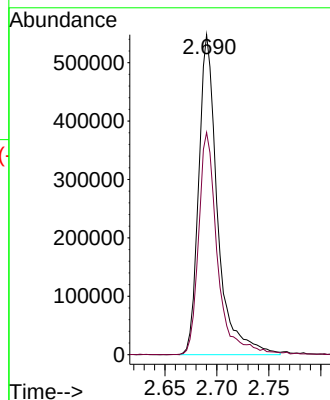
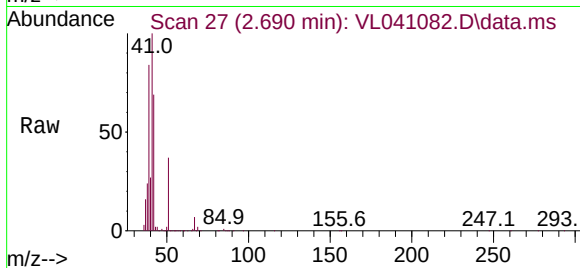
VSTDICCC010

Tgt Ion: 41 Resp: 693835

Ion Ratio Lower Upper

41 100

42 69.9 55.9 83.9



#10

Heptane

Concen: 9.877 ppbv

RT: 7.597 min Scan# 1553

Delta R.T. 0.000 min

Lab File: VL041082.D

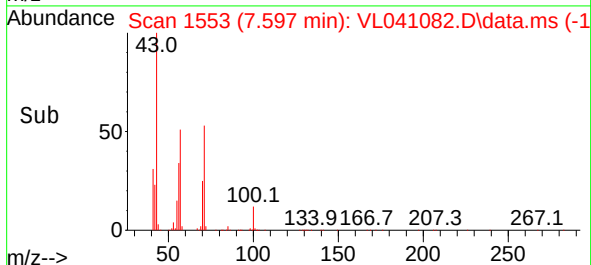
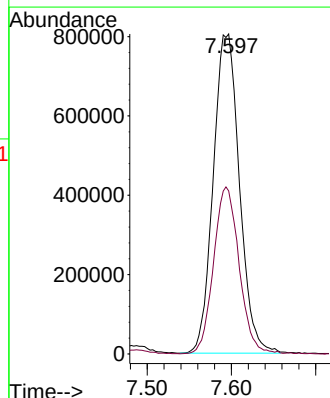
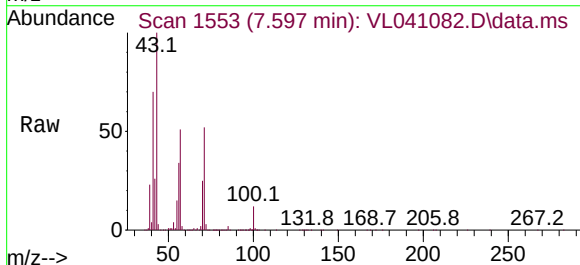
Acq: 11 Mar 2024 11:05

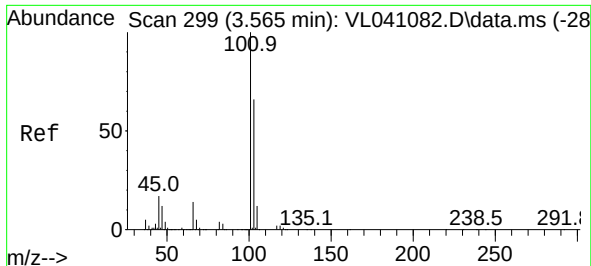
Tgt Ion: 43 Resp: 1736959

Ion Ratio Lower Upper

43 100

57 51.3 41.0 61.6





#11

Trichlorofluoromethane

Concen: 9.491 ppbv

RT: 3.565 min Scan# 299

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

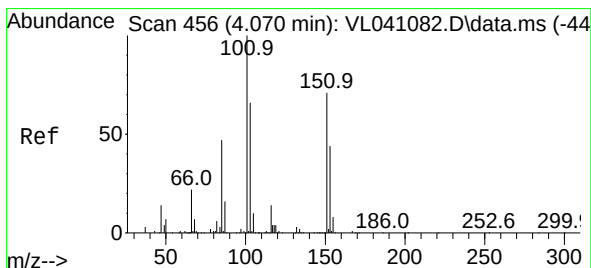
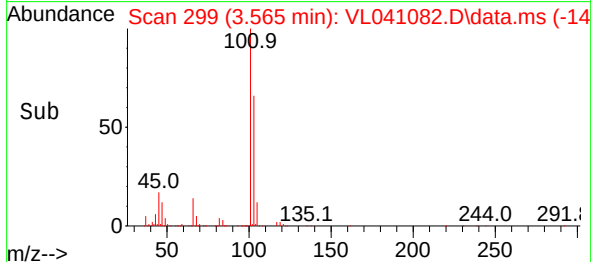
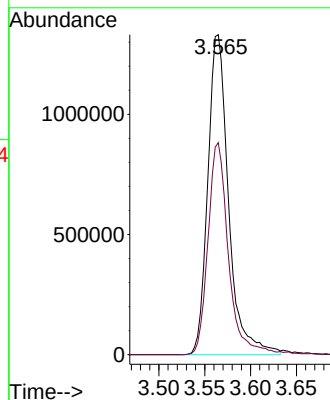
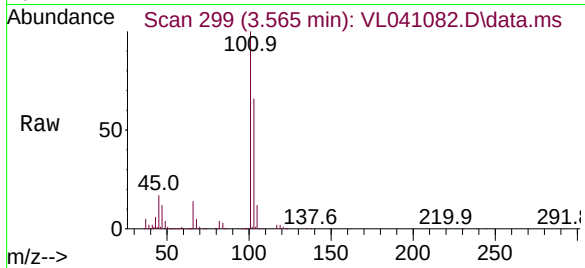
VSTDICCC010

Tgt Ion:101 Resp: 2095659

Ion Ratio Lower Upper

101 100

103 66.2 53.0 79.4



#12

1,1,2-Trichlorotrifluoroethane

Concen: 9.549 ppbv

RT: 4.070 min Scan# 456

Delta R.T. 0.000 min

Lab File: VL041082.D

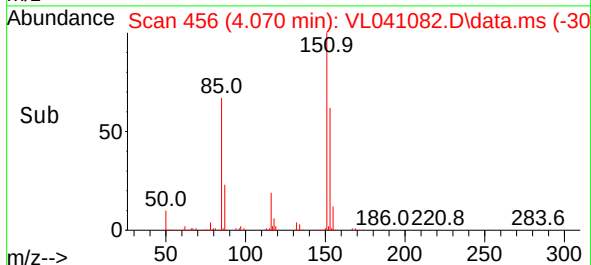
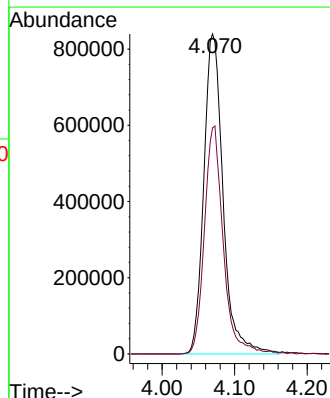
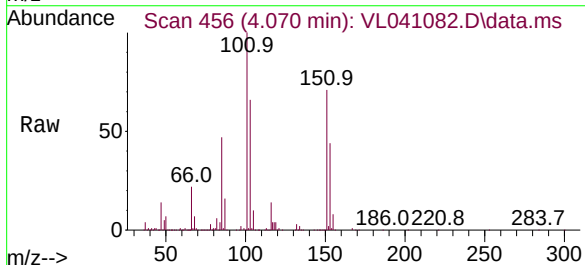
Acq: 11 Mar 2024 11:05

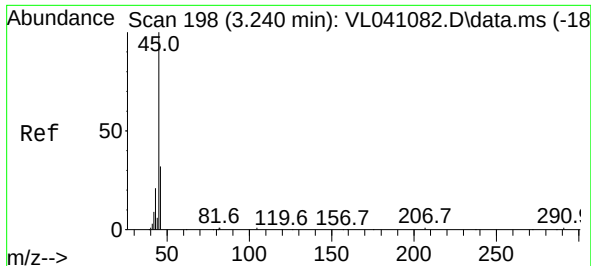
Tgt Ion:101 Resp: 1550208

Ion Ratio Lower Upper

101 100

151 69.8 55.8 83.8





#13

Ethanol

Concen: 7.885 ppbv

RT: 3.240 min Scan# 198

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

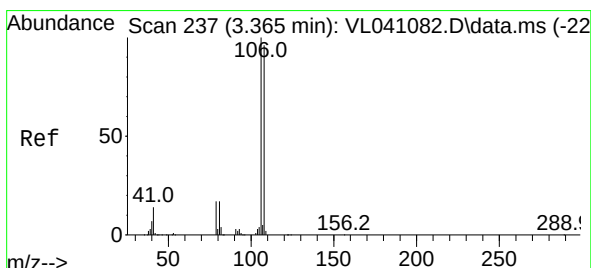
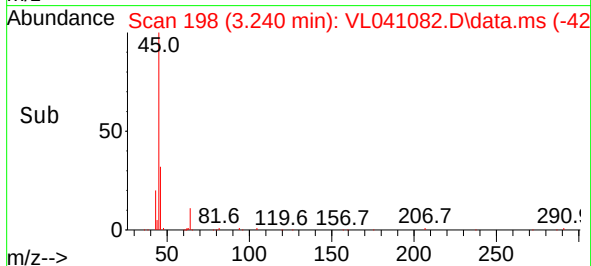
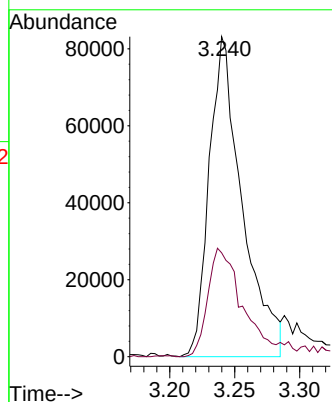
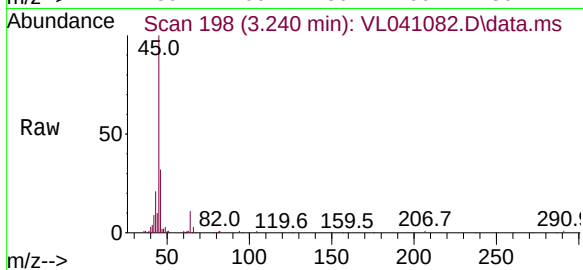
VSTDICCC010

Tgt Ion: 45 Resp: 146632

Ion Ratio Lower Upper

45 100

46 39.8 14.6 58.2



#14

Bromoethene

Concen: 9.653 ppbv

RT: 3.365 min Scan# 237

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

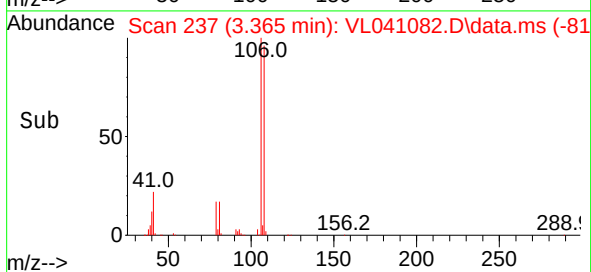
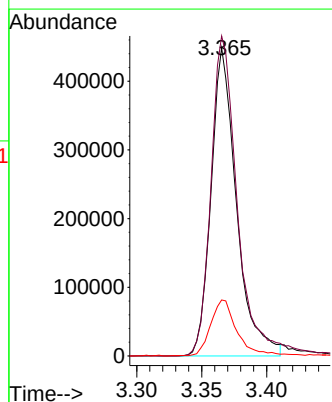
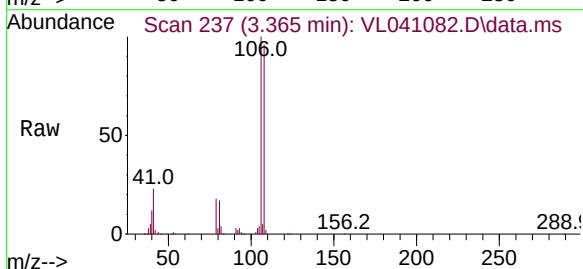
Tgt Ion: 108 Resp: 611053

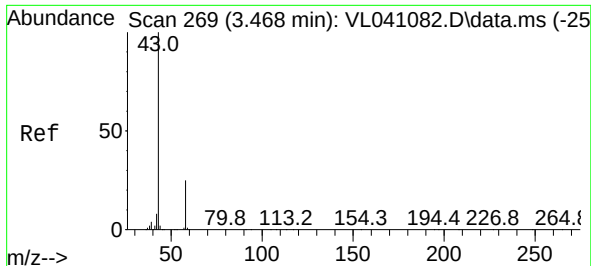
Ion Ratio Lower Upper

108 100

106 110.1 88.1 132.1

79 19.5 15.6 23.4





#15

Acetone

Concen: 8.211 ppbv

RT: 3.468 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_1

ClientSampleId :

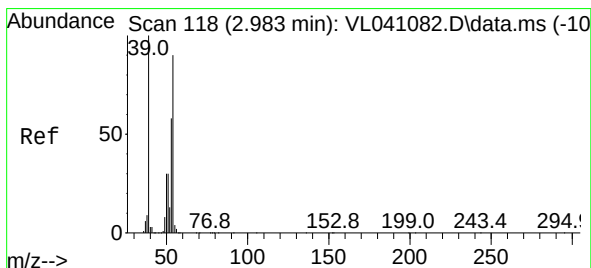
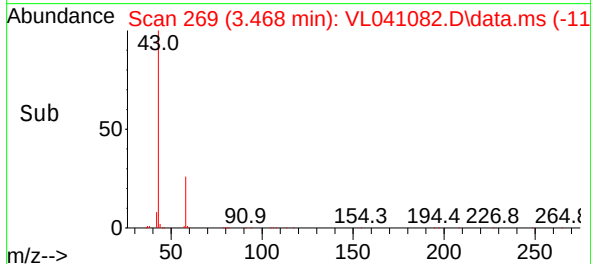
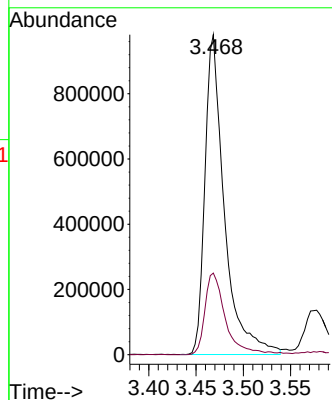
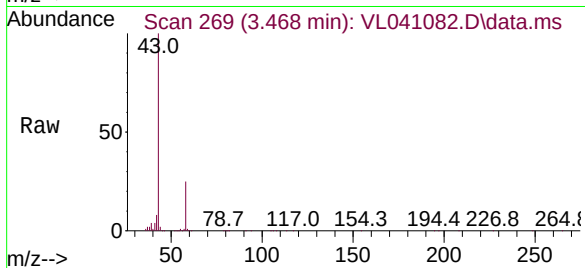
VSTDICCC010

Tgt Ion: 43 Resp: 1405666

Ion Ratio Lower Upper

43 100

58 27.1 21.7 32.5



#16

1,3-Butadiene

Concen: 9.337 ppbv

RT: 2.983 min Scan# 118

Delta R.T. 0.000 min

Lab File: VL041082.D

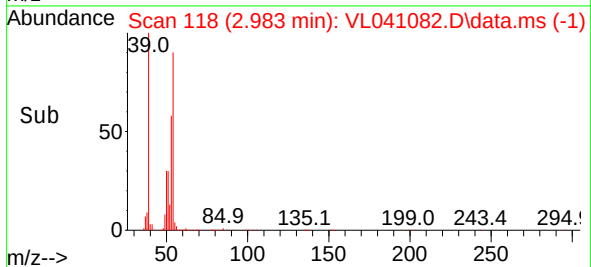
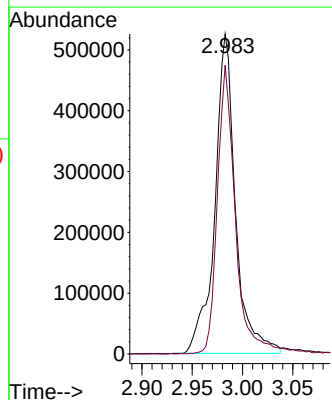
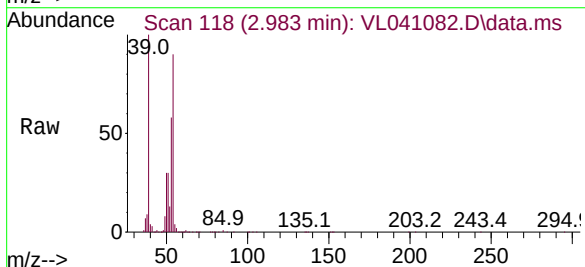
Acq: 11 Mar 2024 11:05

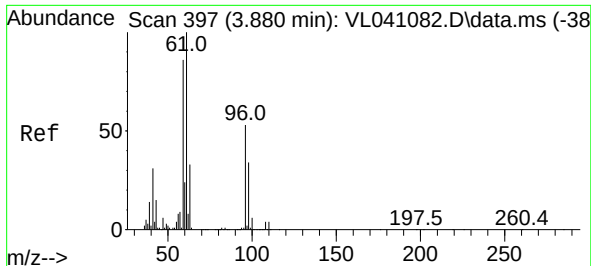
Tgt Ion: 39 Resp: 752586

Ion Ratio Lower Upper

39 100

54 80.0 64.0 96.0





#17

tert-Butyl alcohol

Concen: 9.354 ppbv

RT: 3.880 min Scan# 397

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

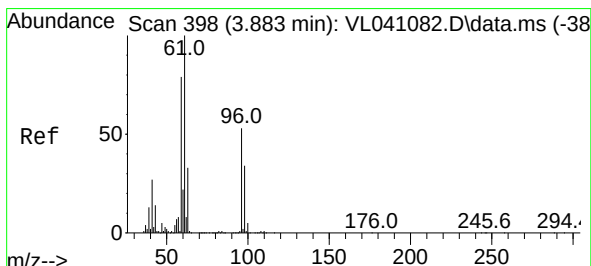
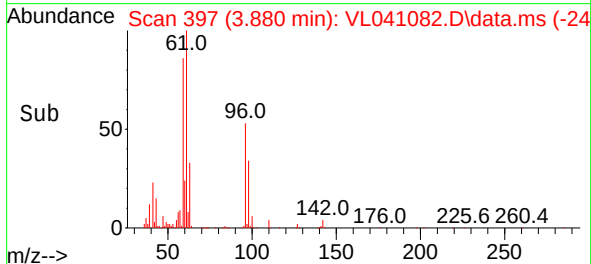
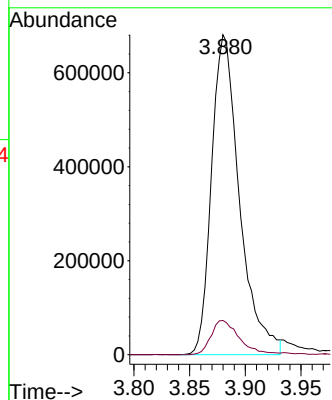
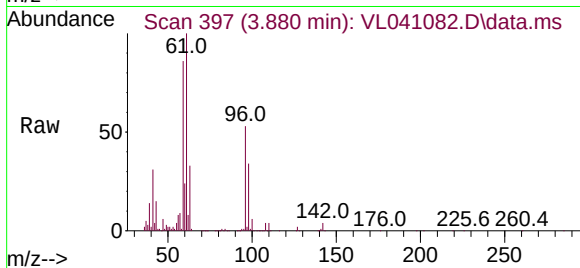
VSTDICCC010

Tgt Ion: 59 Resp: 1190661

Ion Ratio Lower Upper

59 100

57 11.3 9.0 13.6



#18

1,1-Dichloroethene

Concen: 9.500 ppbv

RT: 3.883 min Scan# 398

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

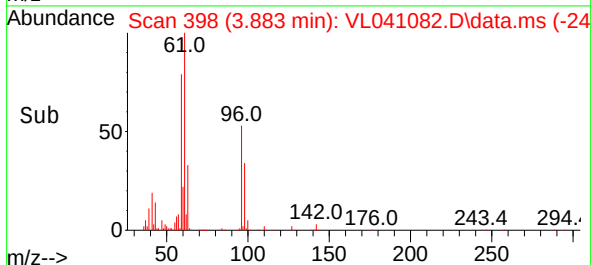
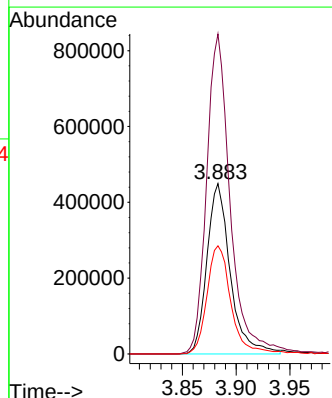
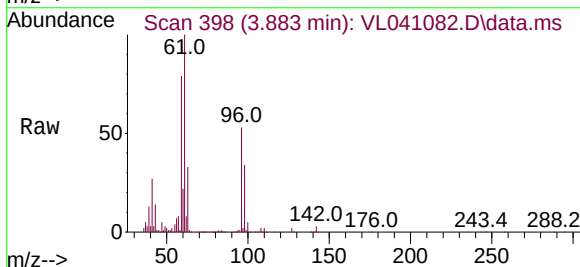
Tgt Ion: 96 Resp: 679069

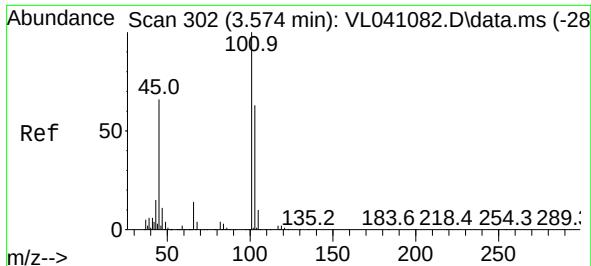
Ion Ratio Lower Upper

96 100

61 187.7 150.2 225.2

98 63.4 50.7 76.1

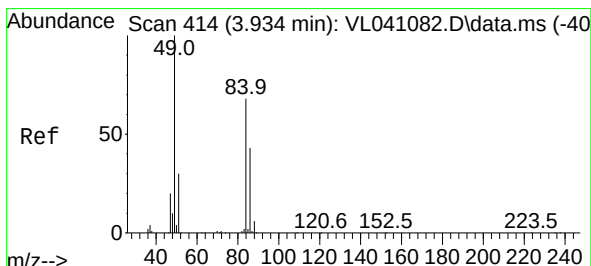
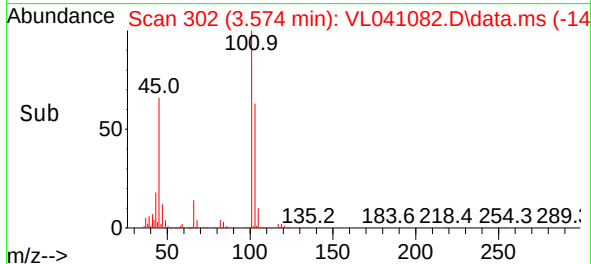
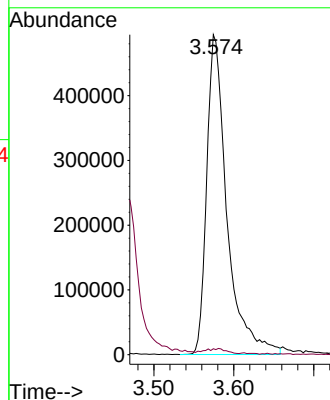
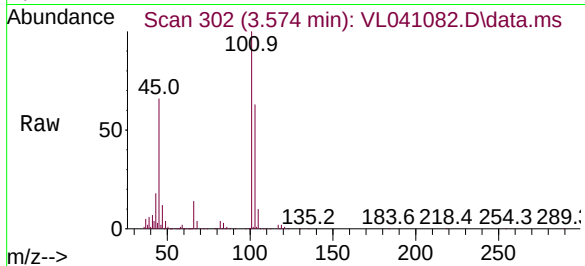




#19
Isopropyl Alcohol
Concen: 9.503 ppbv
RT: 3.574 min Scan# 302
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

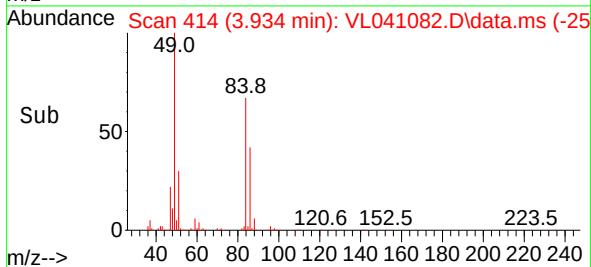
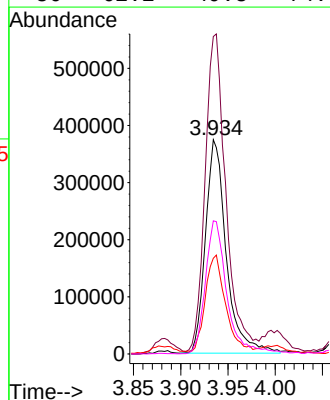
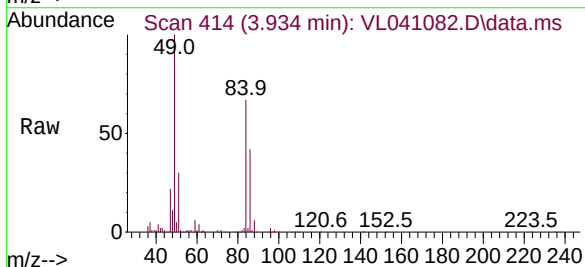
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

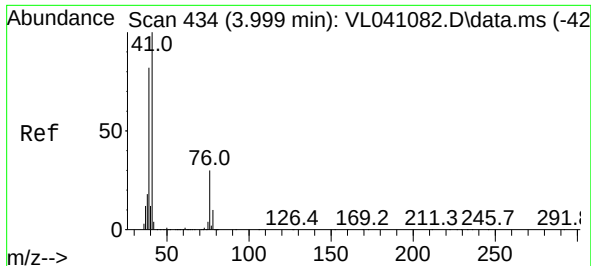
Tgt Ion: 45 Resp: 869034
Ion Ratio Lower Upper
45 100
58 2.8 2.2 3.4



#20
Methylene Chloride
Concen: 8.584 ppbv
RT: 3.934 min Scan# 414
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 84 Resp: 572950
Ion Ratio Lower Upper
84 100
49 146.3 117.0 175.6
51 43.6 34.9 52.3
86 62.2 49.8 74.6

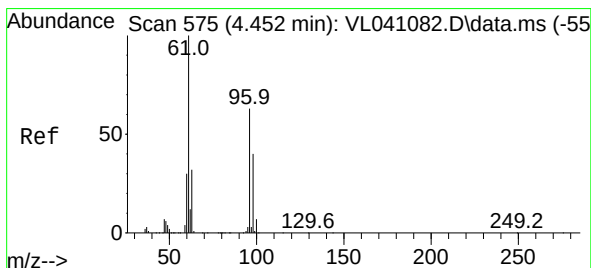
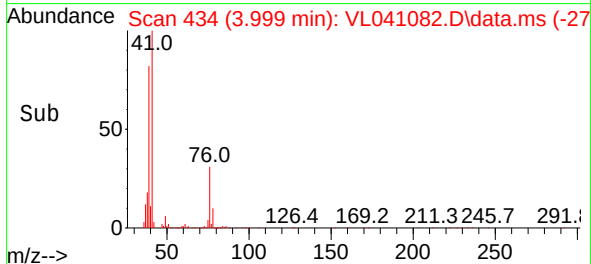
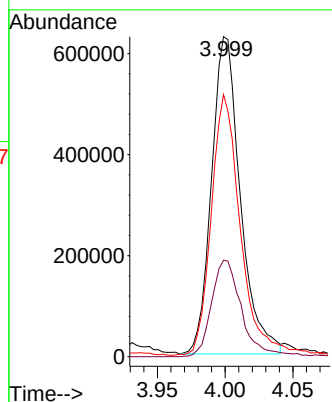
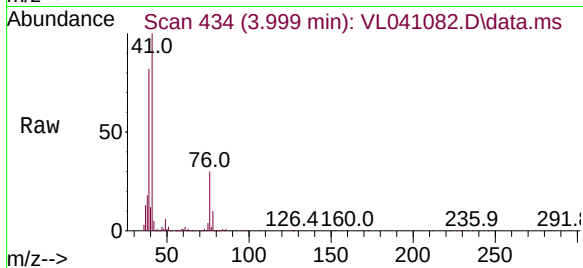




#21
 Allyl Chloride
 Concen: 9.603 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

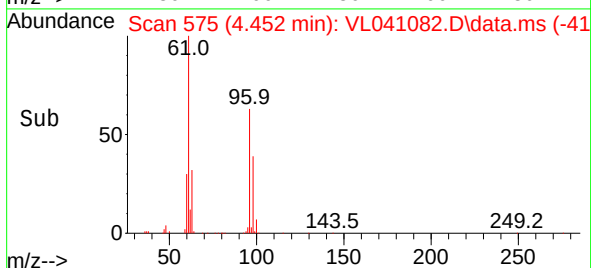
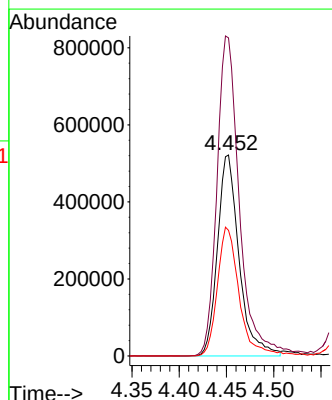
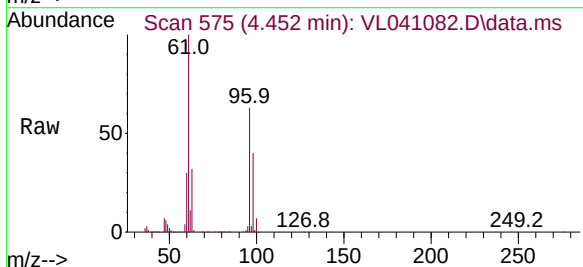
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

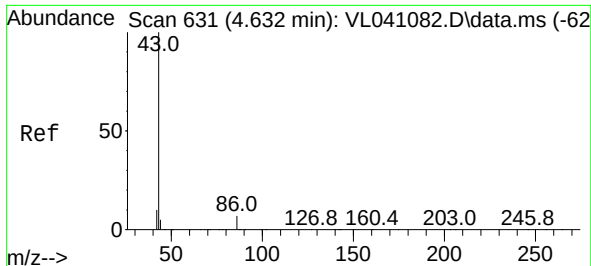
Tgt Ion: 41 Resp: 928568
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.5 38.3
 39 84.3 67.4 101.2



#22
 trans-1,2-Dichloroethene
 Concen: 9.758 ppbv
 RT: 4.452 min Scan# 575
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

Tgt Ion: 96 Resp: 830475
 Ion Ratio Lower Upper
 96 100
 61 158.4 126.7 190.1
 98 62.6 50.1 75.1



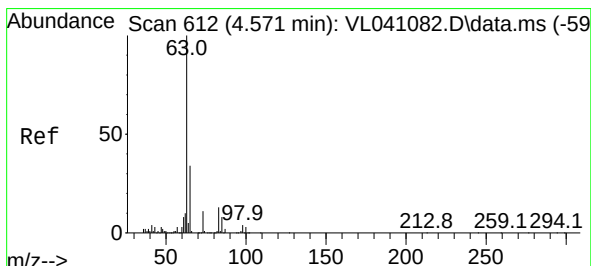
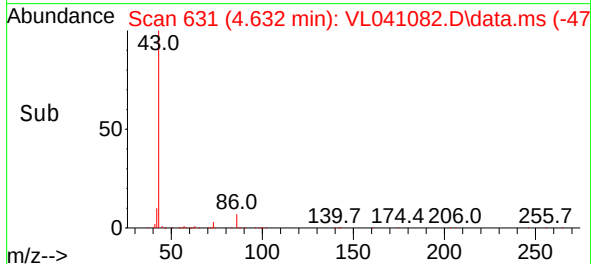
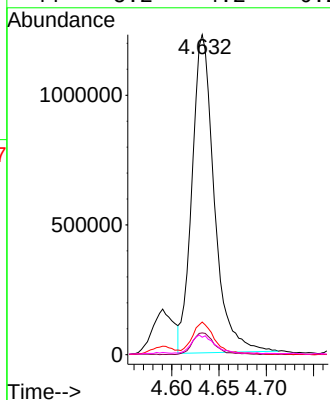
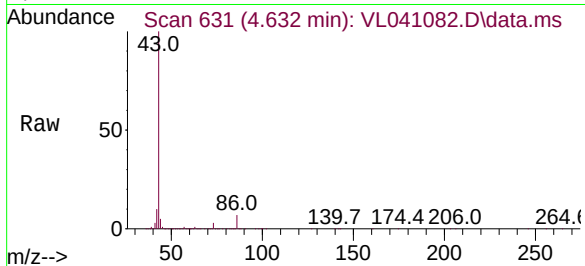


#23
 Vinyl Acetate
 Concen: 10.555 ppbv
 RT: 4.632 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 2006716

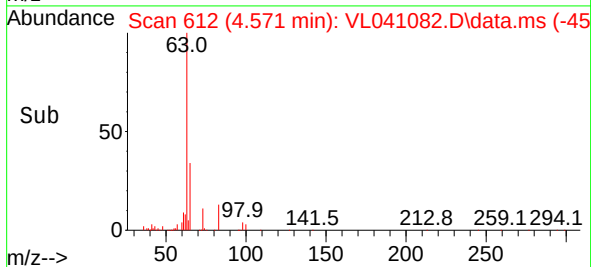
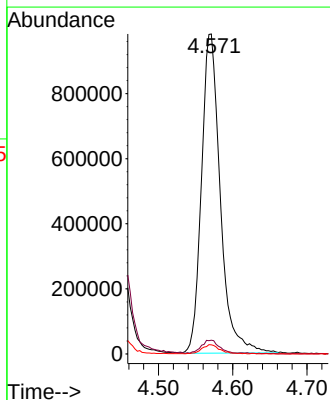
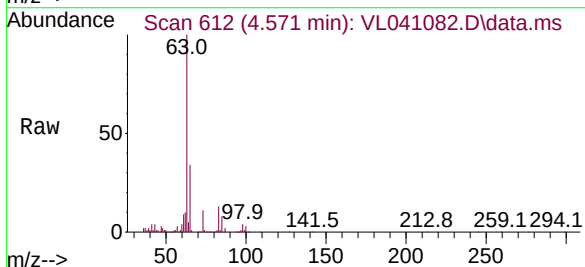
Ion	Ratio	Lower	Upper
43	100		
86	6.8	5.4	8.2
42	10.0	8.0	12.0
44	5.2	4.2	6.2

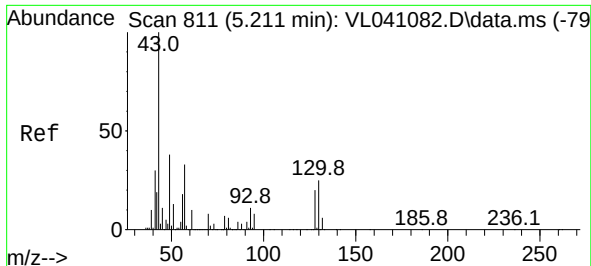


#24
 1,1-Dichloroethane
 Concen: 9.868 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

Tgt Ion: 63 Resp: 1727053

Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.5
100	2.8	1.4	4.2





#25

Ethyl Acetate

Concen: 9.550 ppbv

RT: 5.211 min Scan# 811

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 43 Resp: 2945705

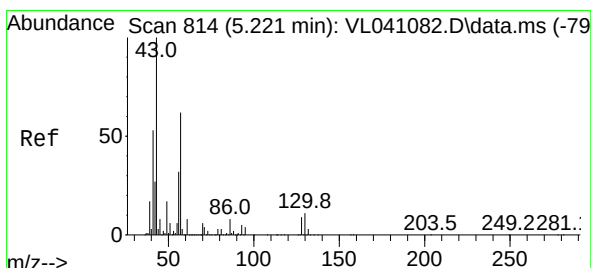
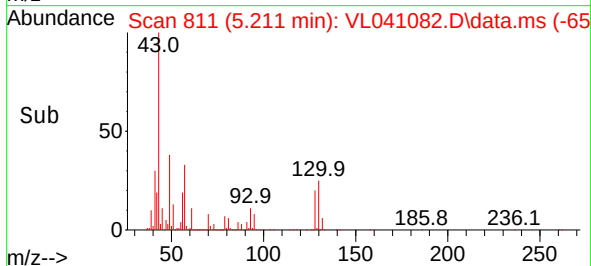
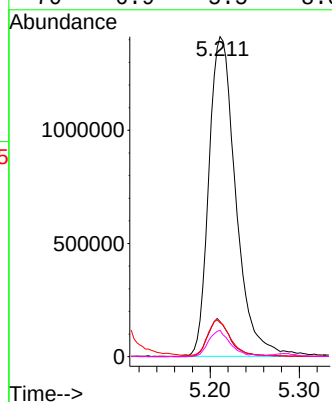
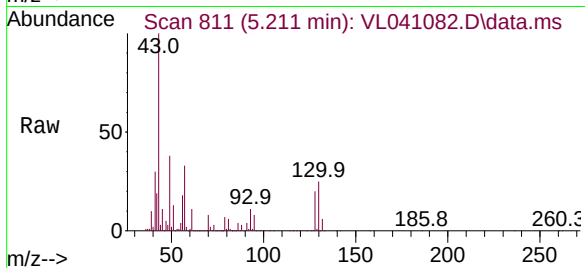
Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.2

61 10.2 8.2 12.2

70 6.9 5.5 8.3



#26

Hexane

Concen: 9.390 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Tgt Ion: 57 Resp: 1298990

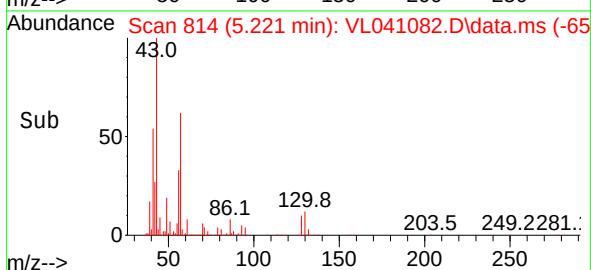
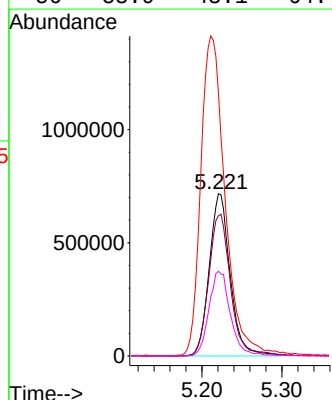
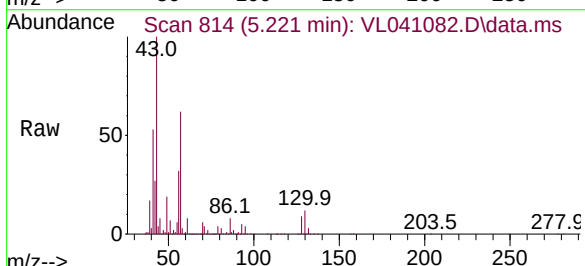
Ion Ratio Lower Upper

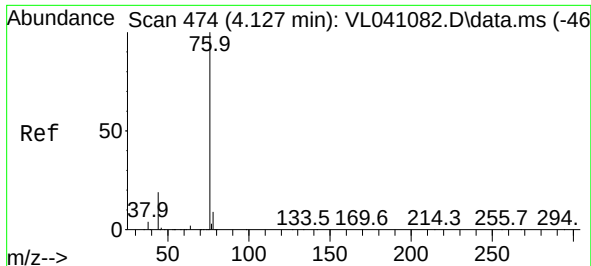
57 100

41 92.2 73.8 110.6

43 230.2 184.2 276.2

56 53.9 43.1 64.7

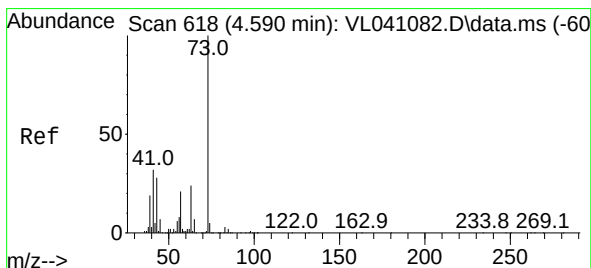
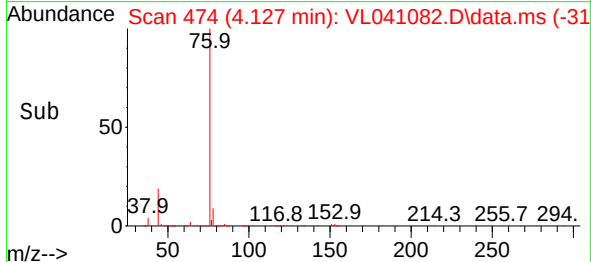
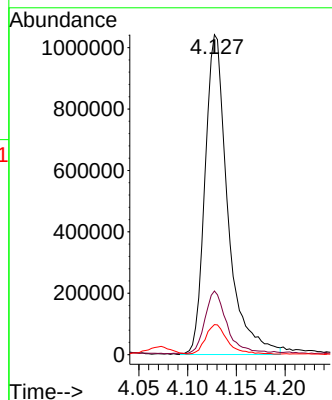
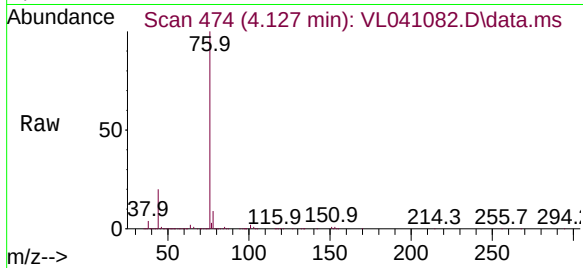




#27
Carbon Disulfide
Concen: 10.257 ppbv
RT: 4.127 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

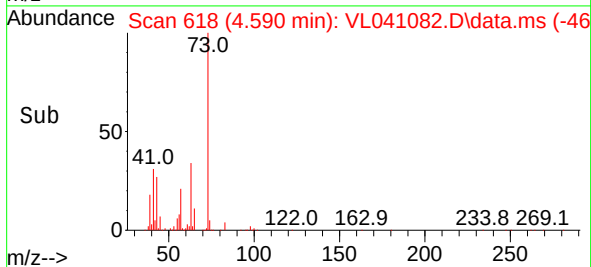
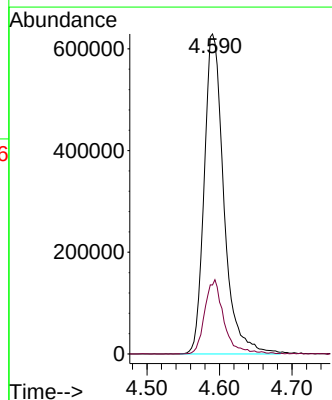
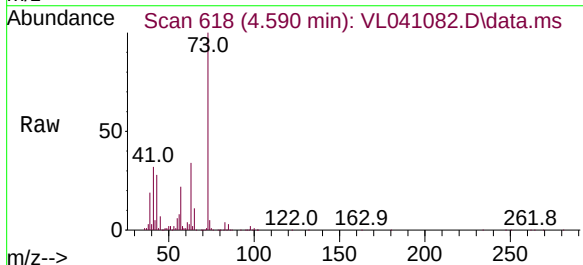
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

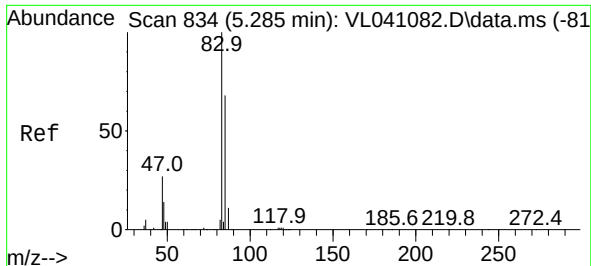
Tgt Ion: 76 Resp: 1695025
Ion Ratio Lower Upper
76 100
44 20.0 16.0 24.0
78 9.4 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 9.720 ppbv
RT: 4.590 min Scan# 618
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 73 Resp: 1184780
Ion Ratio Lower Upper
73 100
57 22.8 18.2 27.4





#29

Chloroform

Concen: 9.363 ppbv

RT: 5.285 min Scan# 834

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

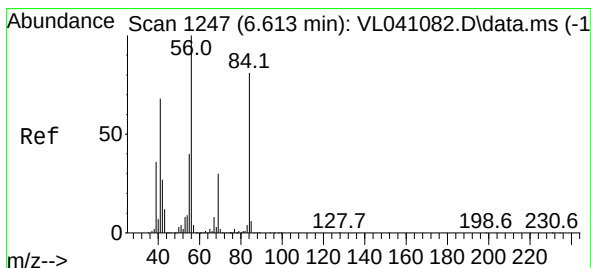
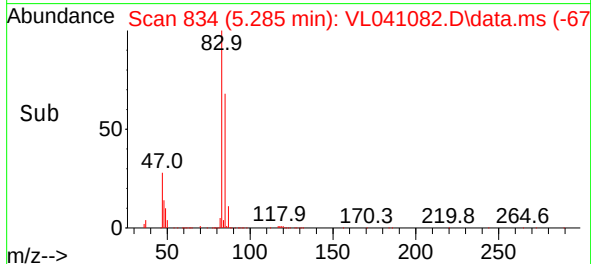
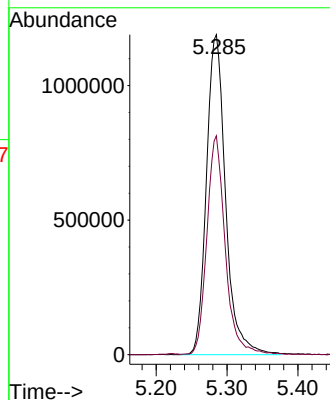
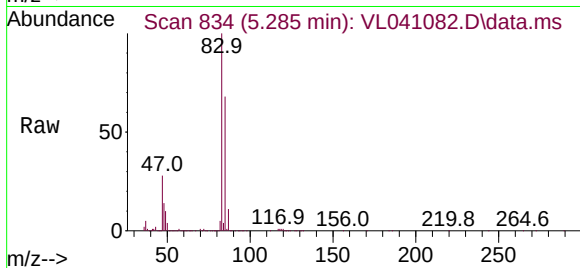
VSTDICCC010

Tgt Ion: 83 Resp: 2227885

Ion Ratio Lower Upper

83 100

85 68.3 54.6 82.0



#30

Cyclohexane

Concen: 9.577 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

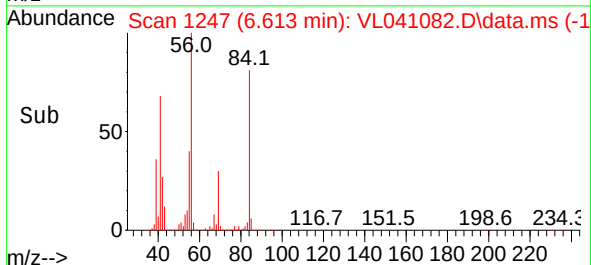
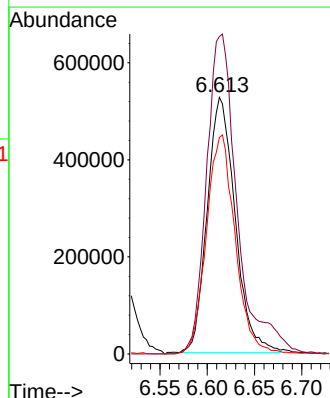
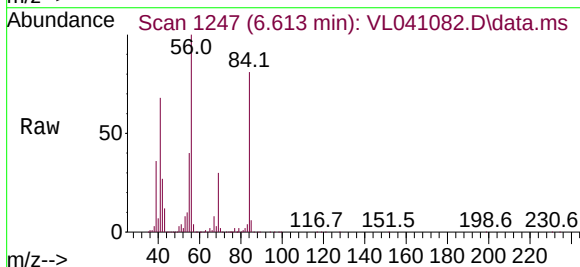
Tgt Ion: 84 Resp: 1084141

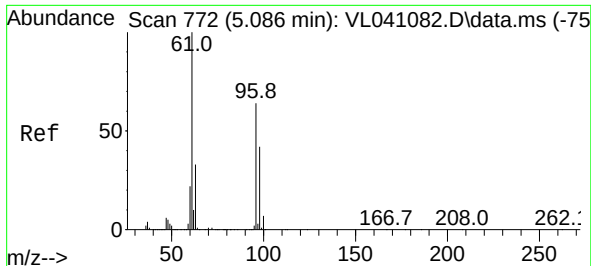
Ion Ratio Lower Upper

84 100

56 138.0 110.4 165.6

41 88.2 70.6 105.8





#31

cis-1,2-Dichloroethene

Concen: 9.940 ppbv

RT: 5.086 min Scan# 772

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

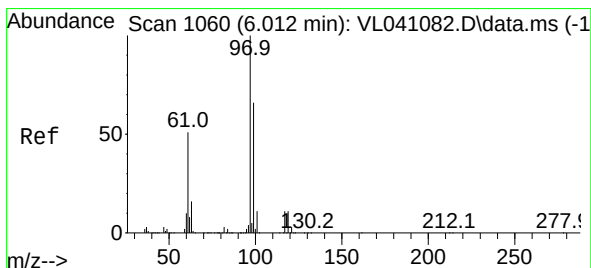
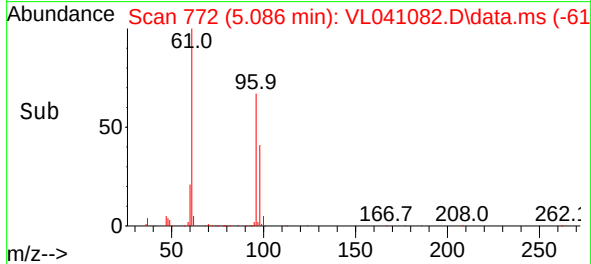
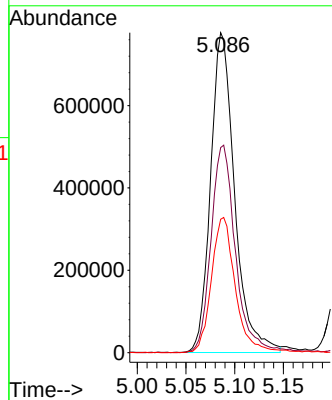
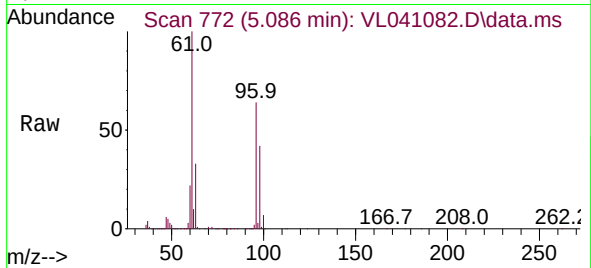
MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 61 Resp: 1331995

Ion	Ratio	Lower	Upper
61	100		
96	64.0	51.2	76.8
98	41.7	33.4	50.0



#32

1,1,1-Trichloroethane

Concen: 10.168 ppbv

RT: 6.012 min Scan# 1060

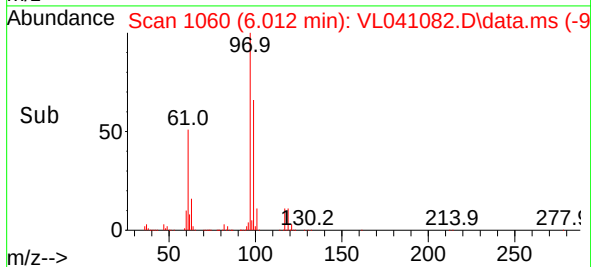
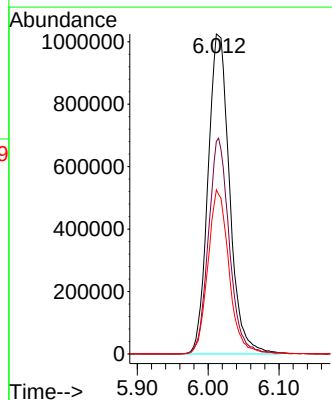
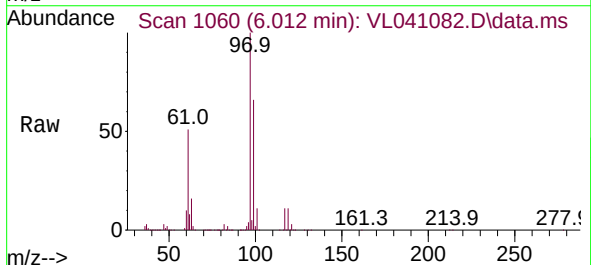
Delta R.T. 0.000 min

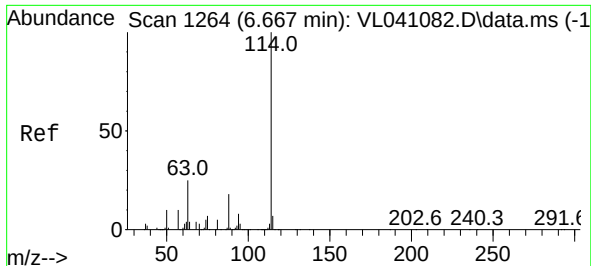
Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Tgt Ion: 97 Resp: 2167181

Ion	Ratio	Lower	Upper
97	100		
99	65.5	52.4	78.6
61	50.5	40.4	60.6





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.667 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

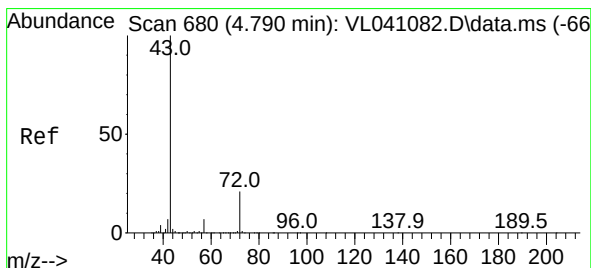
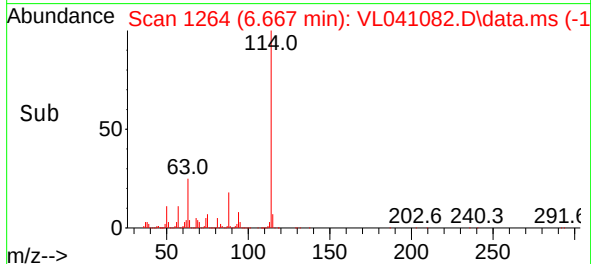
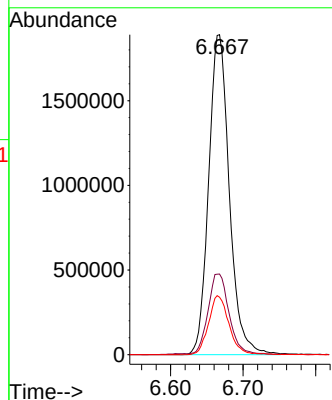
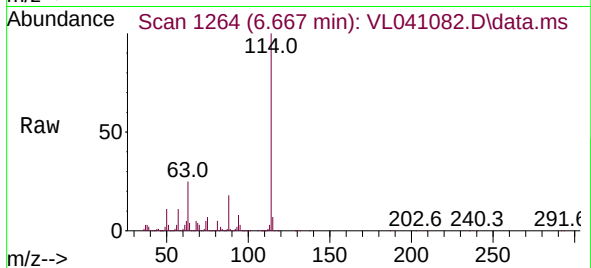
Tgt Ion:114 Resp: 3742346

Ion Ratio Lower Upper

114 100

63 26.3 21.0 31.6

88 18.3 14.6 22.0



#34

2-Butanone

Concen: 10.035 ppbv

RT: 4.790 min Scan# 680

Delta R.T. 0.000 min

Lab File: VL041082.D

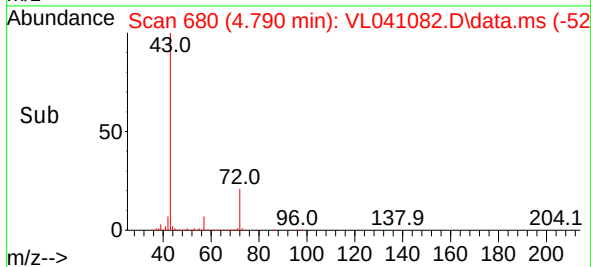
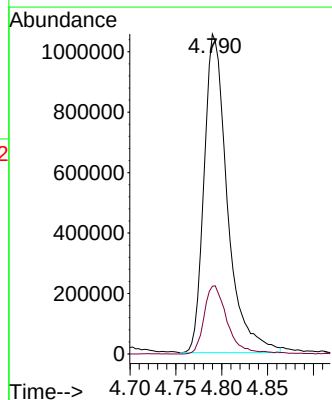
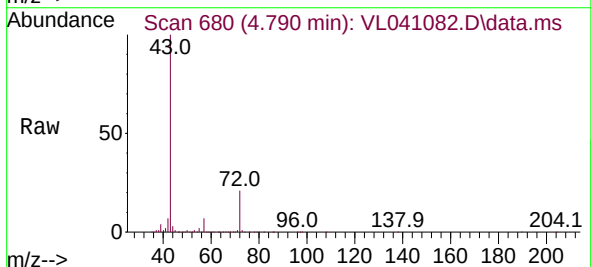
Acq: 11 Mar 2024 11:05

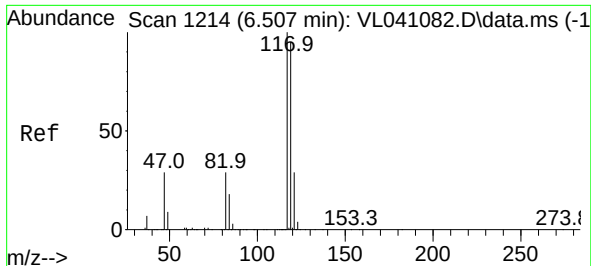
Tgt Ion: 43 Resp: 1864593

Ion Ratio Lower Upper

43 100

72 21.7 17.4 26.0

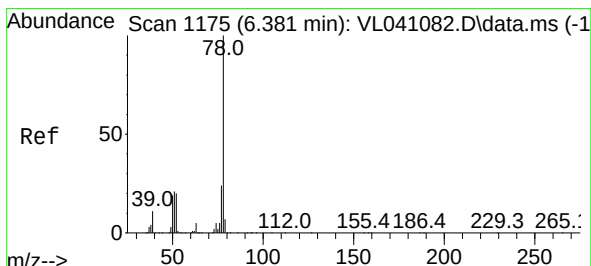
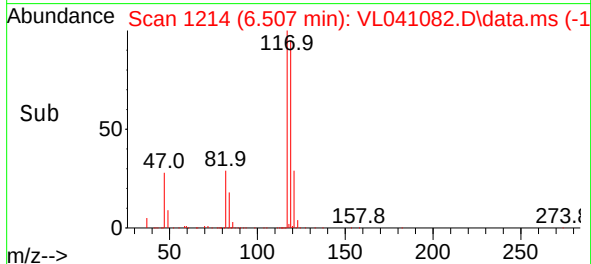
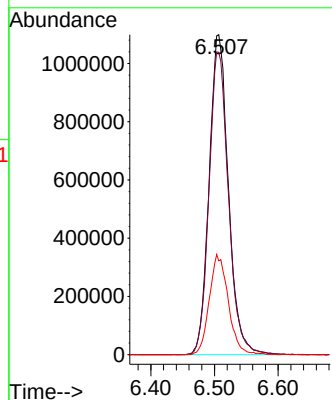
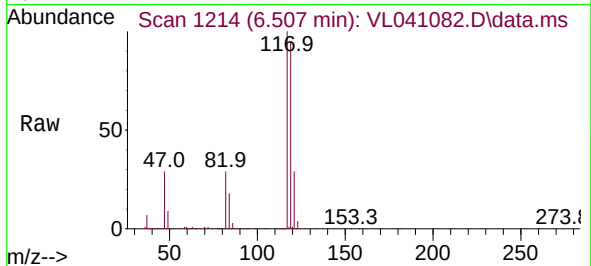




#35
Carbon Tetrachloride
Concen: 10.613 ppbv
RT: 6.507 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

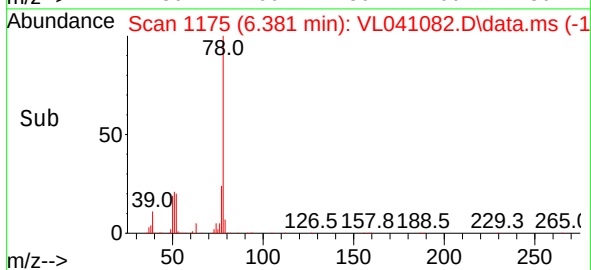
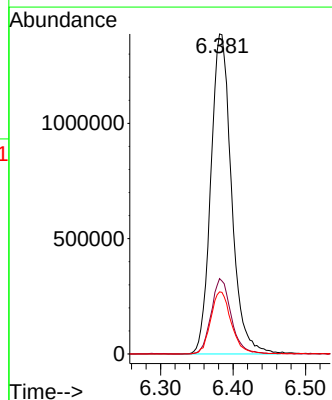
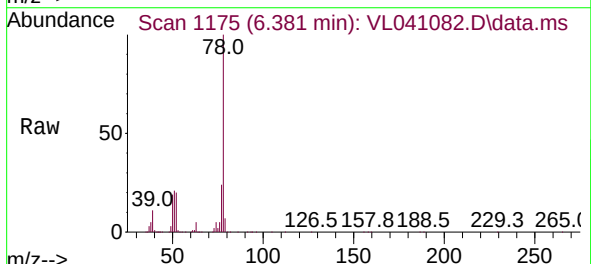
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

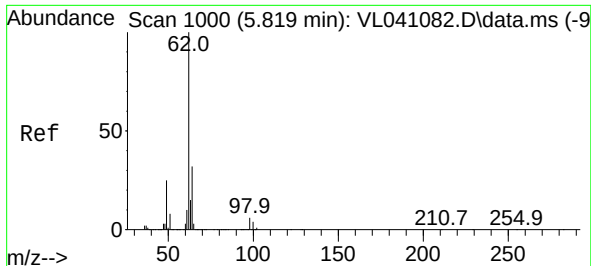
Tgt Ion:117 Resp: 2312621
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4
121 29.3 23.4 35.2



#36
Benzene
Concen: 9.866 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 78 Resp: 2748449
Ion Ratio Lower Upper
78 100
77 23.5 18.8 28.2
50 19.4 15.5 23.3





#37

1,2-Dichloroethane

Concen: 9.879 ppbv

RT: 5.819 min Scan# 1

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

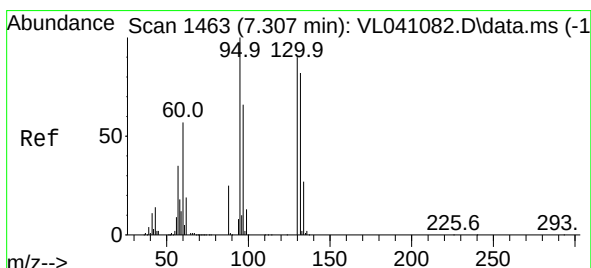
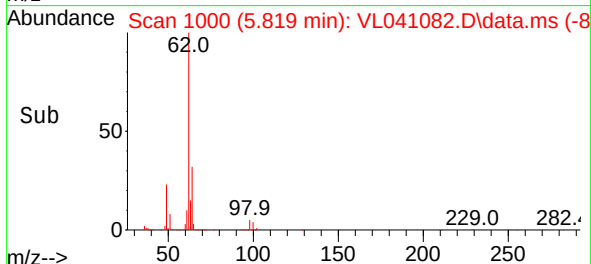
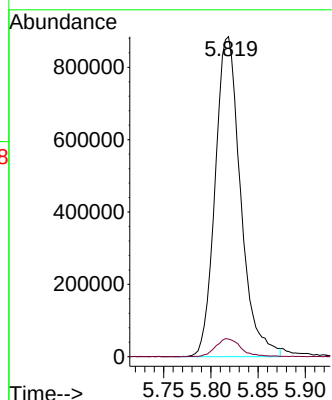
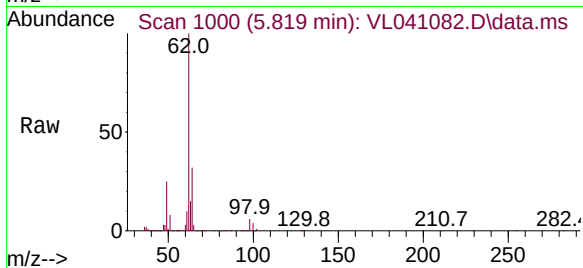
VSTDICCC010

Tgt Ion: 62 Resp: 1655674

Ion Ratio Lower Upper

62 100

98 5.7 4.6 6.8



#38

Trichloroethene

Concen: 10.312 ppbv

RT: 7.307 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Tgt Ion:130 Resp: 1072379

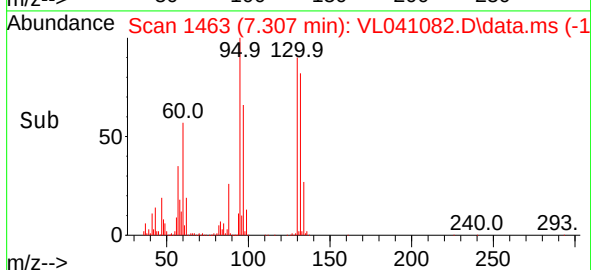
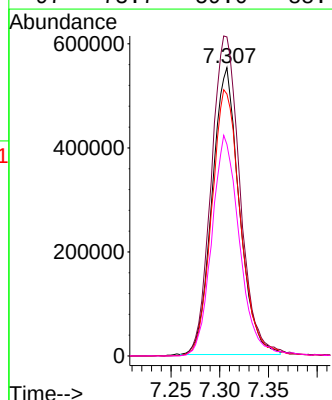
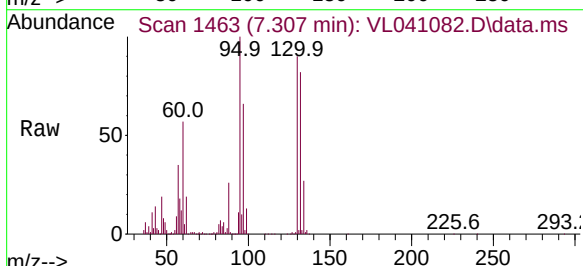
Ion Ratio Lower Upper

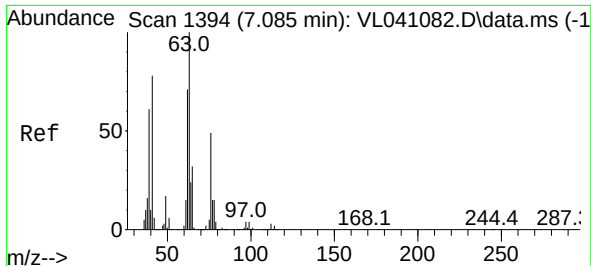
130 100

95 111.0 88.8 133.2

132 91.2 73.0 109.4

97 73.7 59.0 88.4





#39

1,2-Dichloropropane

Concen: 9.648 ppbv

RT: 7.085 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

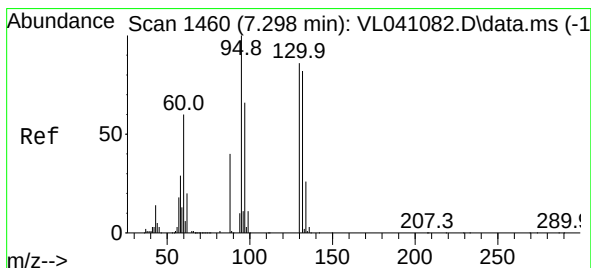
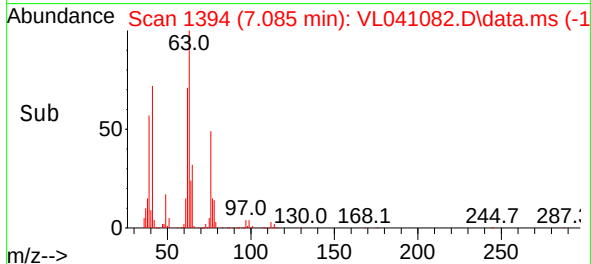
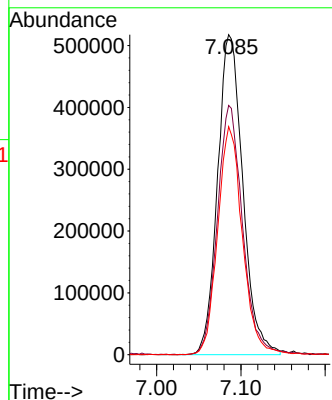
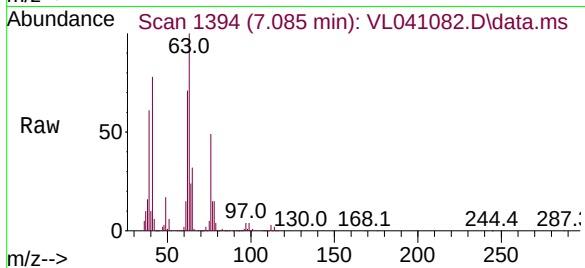
Tgt Ion: 63 Resp: 1074709

Ion Ratio Lower Upper

63 100

41 77.8 62.2 93.4

62 71.2 57.0 85.4



#40

1,4-Dioxane

Concen: 9.843 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Tgt Ion: 88 Resp: 432254

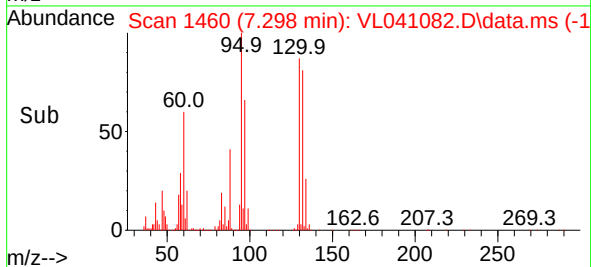
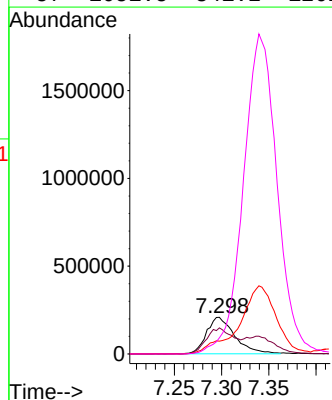
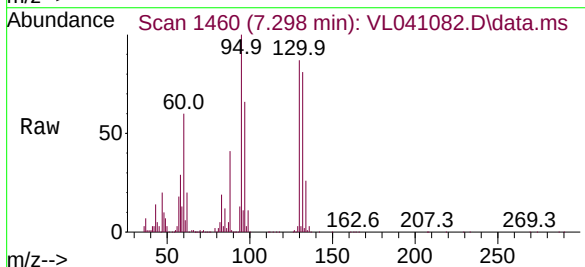
Ion Ratio Lower Upper

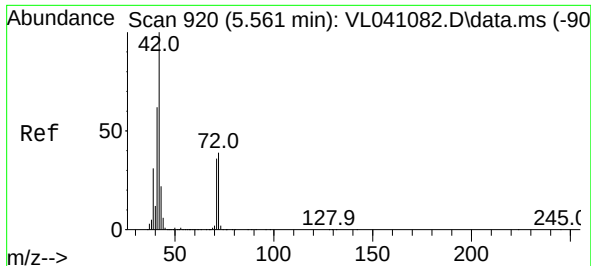
88 100

58 120.4 96.3 144.5

43 244.6 195.7 293.5

57 1051.5 841.2 1261.8





#41

Tetrahydrofuran

Concen: 10.176 ppbv

RT: 5.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

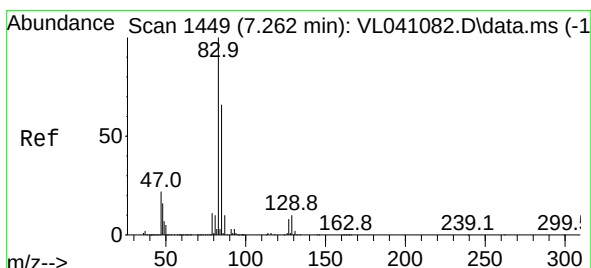
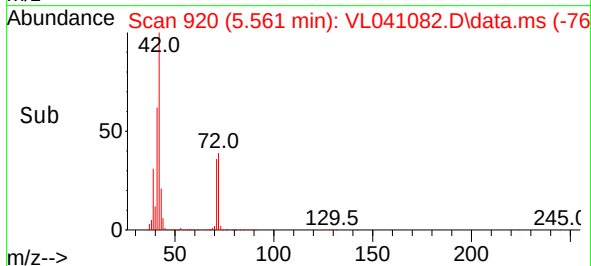
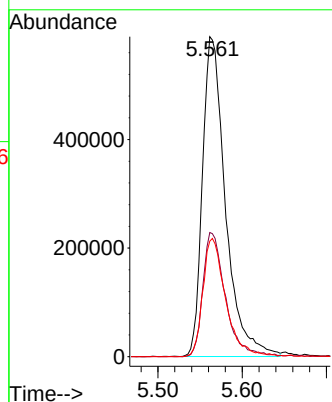
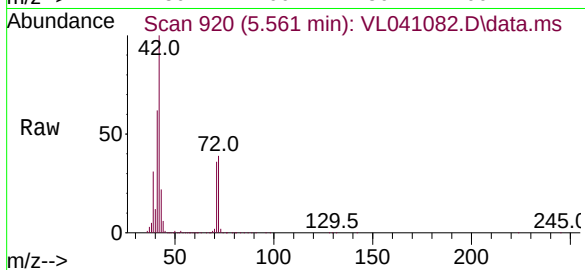
Tgt Ion: 42 Resp: 1121702

Ion Ratio Lower Upper

42 100

72 38.4 30.7 46.1

71 37.0 29.6 44.4



#42

Bromodichloromethane

Concen: 10.070 ppbv

RT: 7.262 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

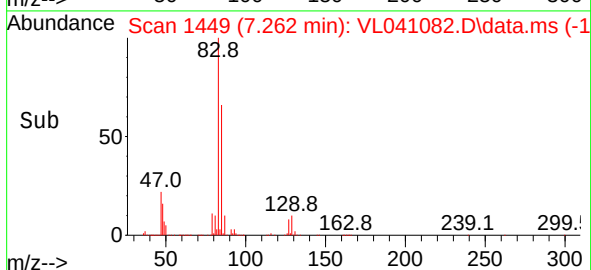
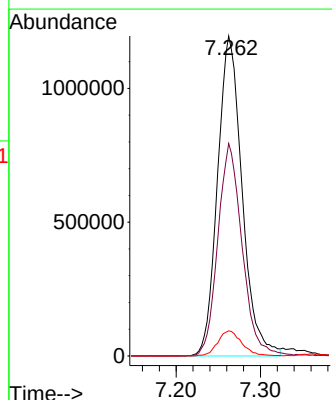
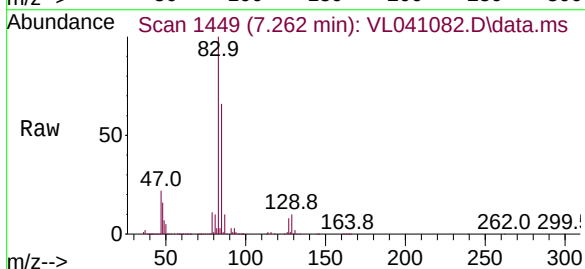
Tgt Ion: 83 Resp: 2417882

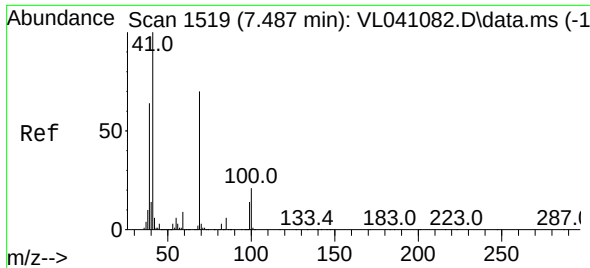
Ion Ratio Lower Upper

83 100

85 66.4 53.1 79.7

127 7.8 6.2 9.4

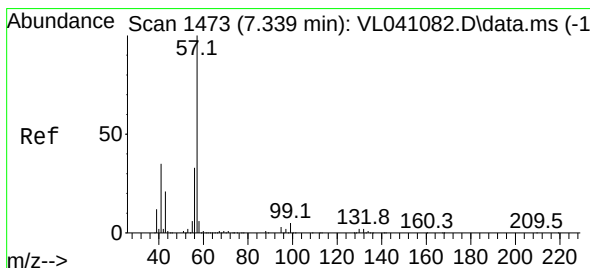
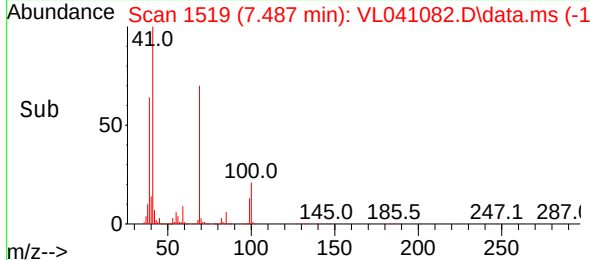
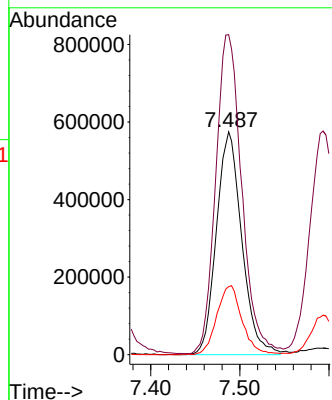
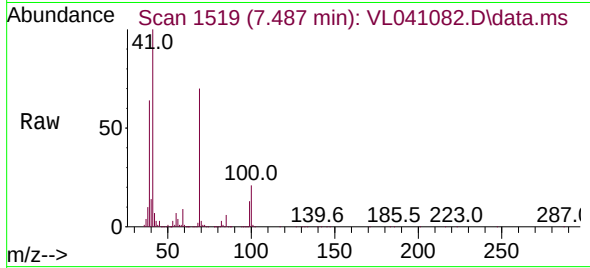




#43
Methyl Methacrylate
Concen: 10.562 ppbv
RT: 7.487 min Scan# 1519
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

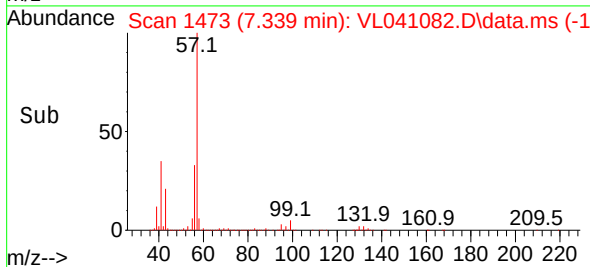
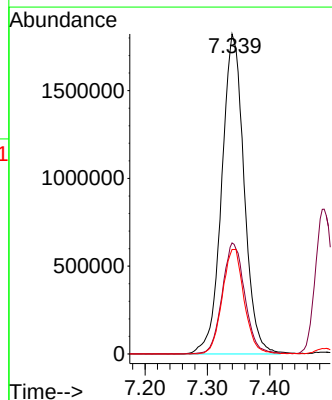
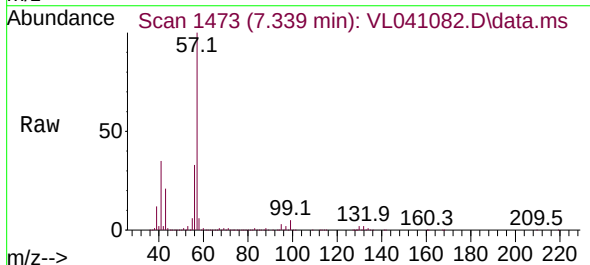
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

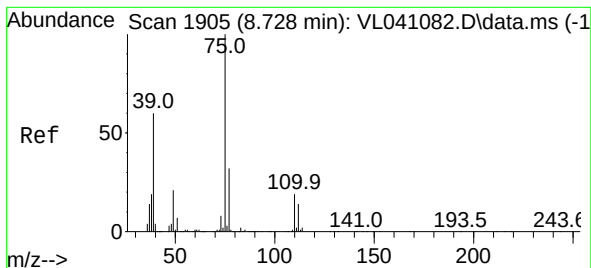
Tgt Ion: 69 Resp: 1136716
Ion Ratio Lower Upper
69 100
41 147.8 118.2 177.4
100 31.0 24.8 37.2



#44
2,2,4-Trimethylpentane
Concen: 9.741 ppbv
RT: 7.339 min Scan# 1473
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 57 Resp: 4535053
Ion Ratio Lower Upper
57 100
41 35.0 28.0 42.0
56 32.1 25.7 38.5





#45

t-1,3-Dichloropropene

Concen: 11.499 ppbv

RT: 8.728 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

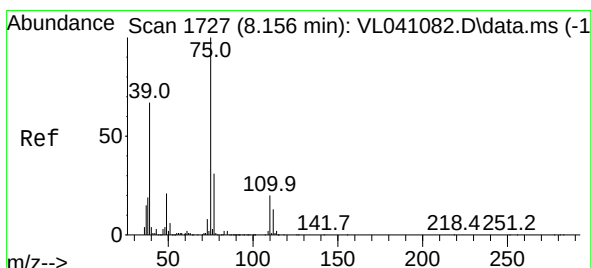
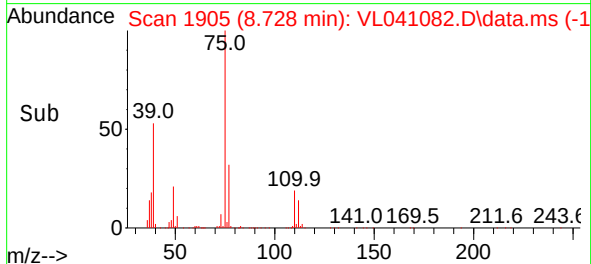
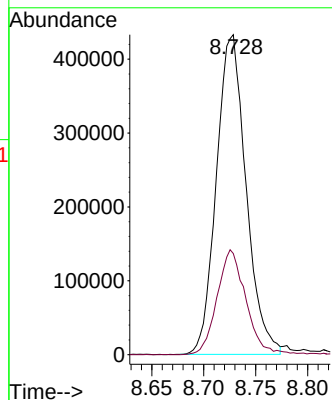
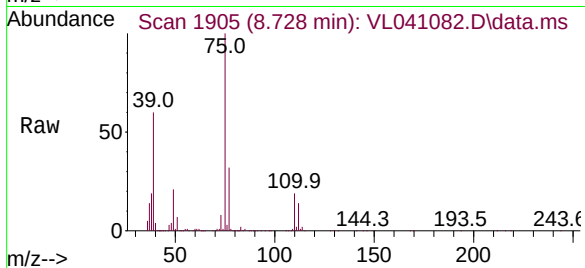
VSTDICCC010

Tgt Ion: 75 Resp: 859610

Ion Ratio Lower Upper

75 100

77 31.6 25.3 37.9



#46

cis-1,3-Dichloropropene

Concen: 11.062 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

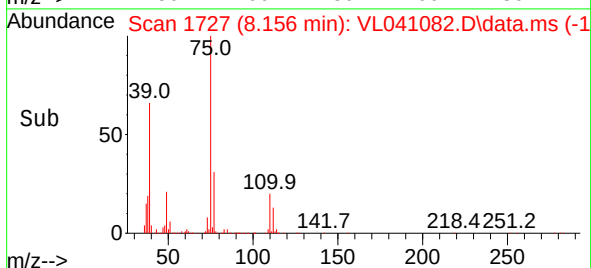
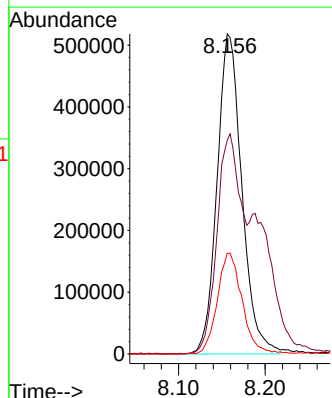
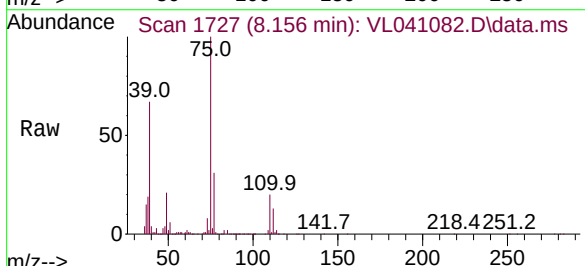
Tgt Ion: 75 Resp: 1030279

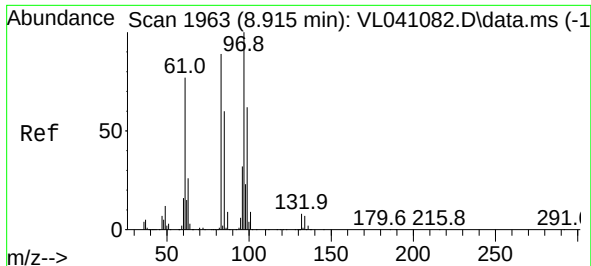
Ion Ratio Lower Upper

75 100

39 66.6 53.3 79.9

77 31.5 25.2 37.8



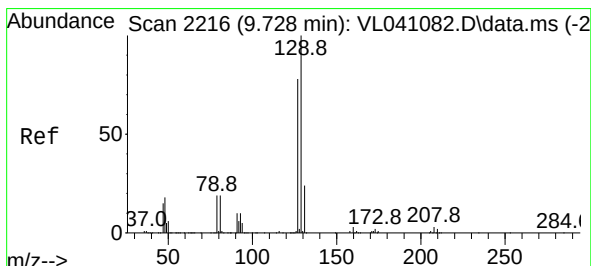
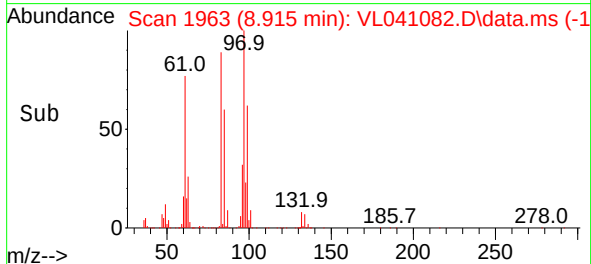
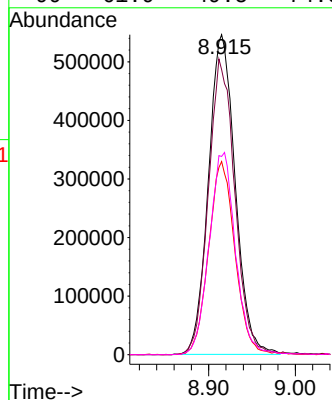
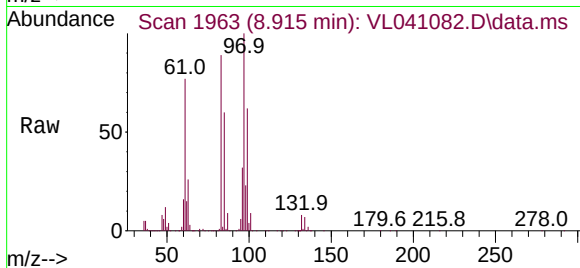


#47
1,1,2-Trichloroethane
Concen: 9.852 ppbv
RT: 8.915 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 97 Resp: 1173029

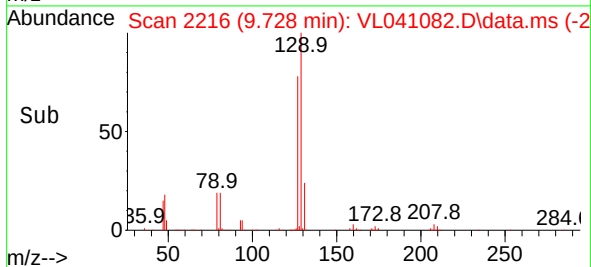
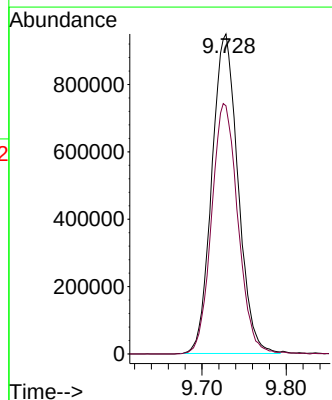
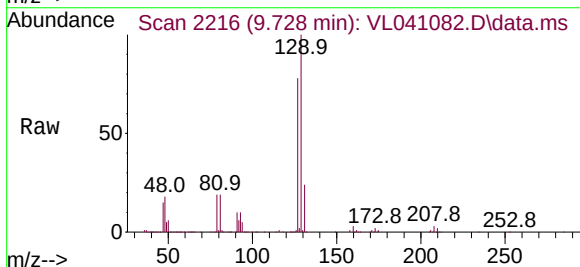
Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.1	106.7
85	60.2	48.2	72.2
99	61.9	49.5	74.3

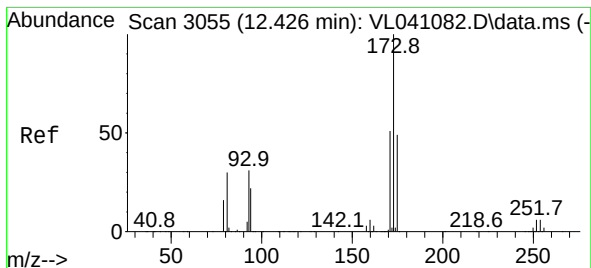


#48
Dibromochloromethane
Concen: 10.544 ppbv
RT: 9.728 min Scan# 2216
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 129 Resp: 2045282

Ion	Ratio	Lower	Upper
129	100		
127	79.2	39.6	118.8





#49

Bromoform

Concen: 11.015 ppbv

RT: 12.426 min Scan# 3055

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

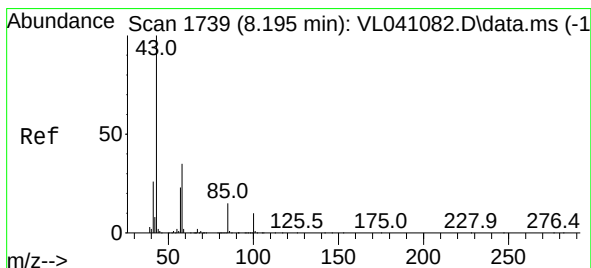
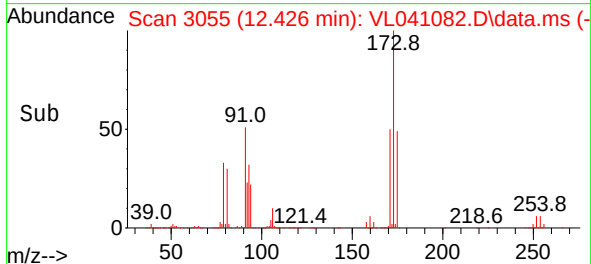
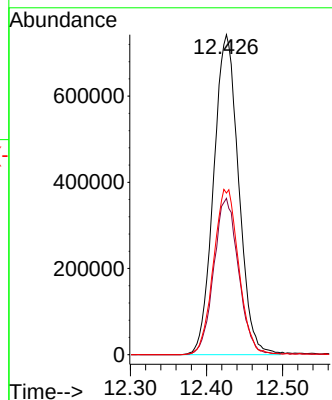
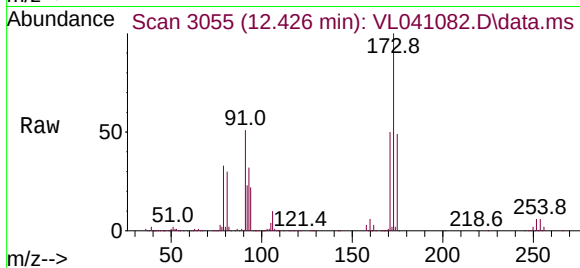
Tgt Ion:173 Resp: 1697398

Ion Ratio Lower Upper

173 100

175 48.8 39.0 58.6

171 52.3 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 10.389 ppbv

RT: 8.195 min Scan# 1739

Delta R.T. 0.000 min

Lab File: VL041082.D

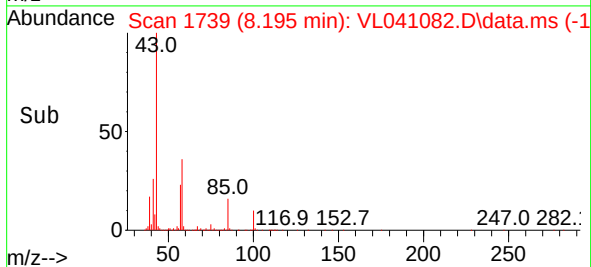
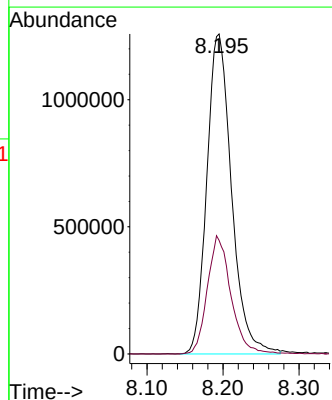
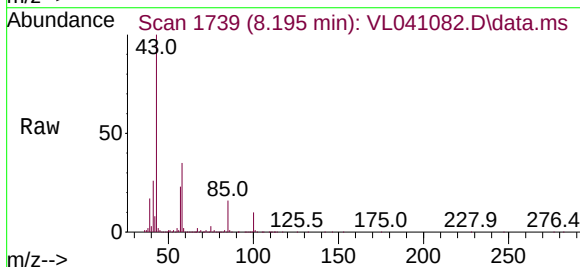
Acq: 11 Mar 2024 11:05

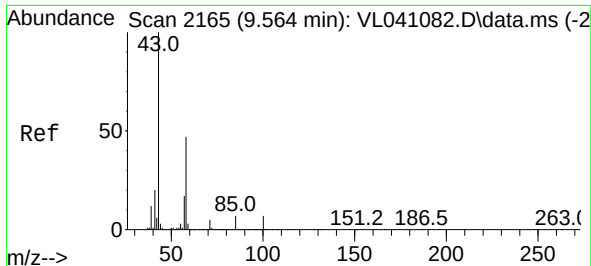
Tgt Ion: 43 Resp: 2839206

Ion Ratio Lower Upper

43 100

58 35.4 28.3 42.5



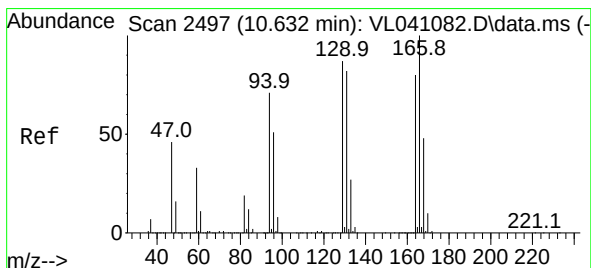
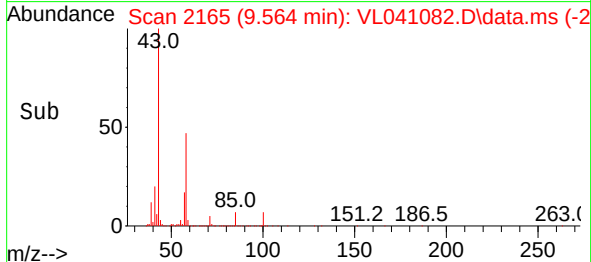
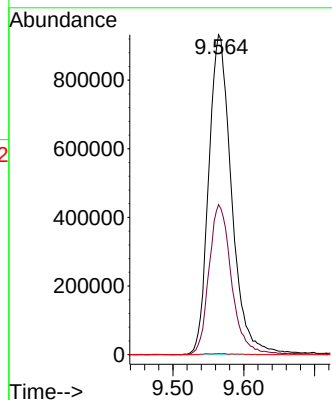
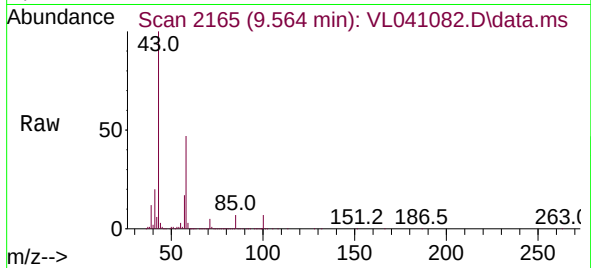


#51
2-Hexanone
Concen: 10.318 ppbv
RT: 9.564 min Scan# 2165
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Tgt Ion: 43 Resp: 2088084

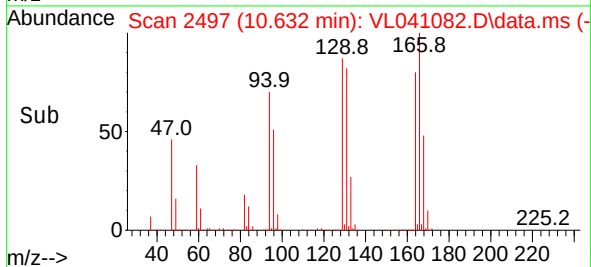
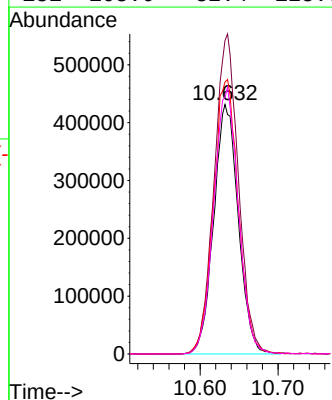
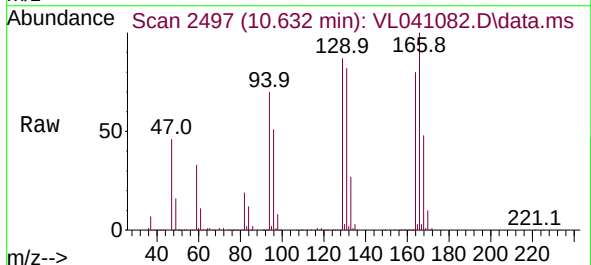
Ion	Ratio	Lower	Upper
43	100		
58	46.8	37.4	56.2
98	0.5	0.4	0.6

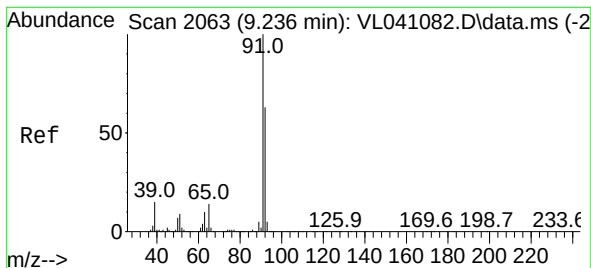


#52
Tetrachloroethene
Concen: 10.888 ppbv
RT: 10.632 min Scan# 2497
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 164 Resp: 943120

Ion	Ratio	Lower	Upper
164	100		
166	125.7	100.6	150.8
129	109.0	87.2	130.8
131	103.0	82.4	123.6





#53

Toluene

Concen: 10.493 ppbv

RT: 9.236 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

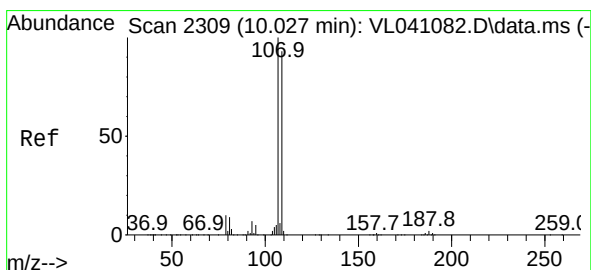
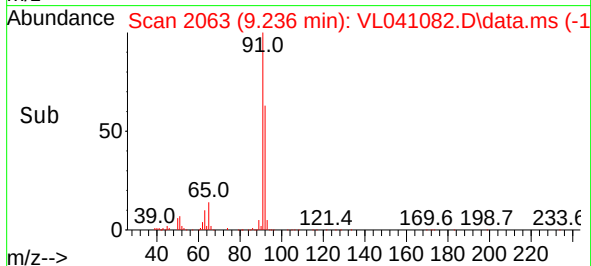
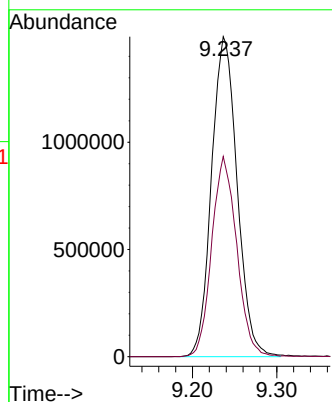
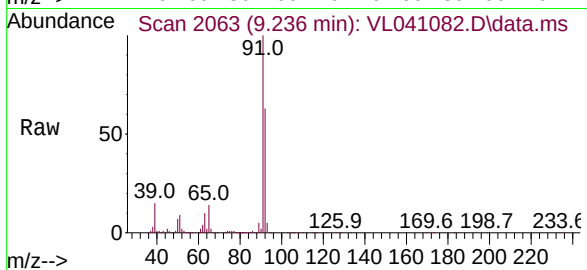
VSTDICCC010

Tgt Ion: 91 Resp: 3150760

Ion Ratio Lower Upper

91 100

92 61.1 48.9 73.3



#54

1,2-Dibromoethane

Concen: 11.012 ppbv

RT: 10.027 min Scan# 2309

Delta R.T. 0.000 min

Lab File: VL041082.D

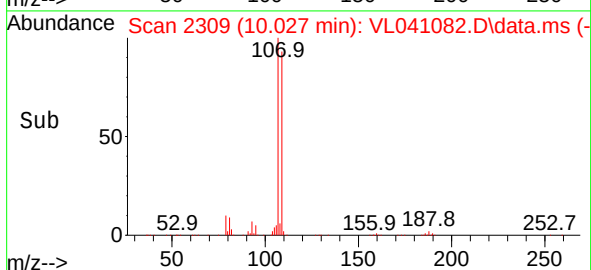
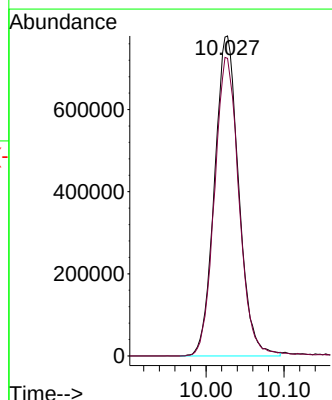
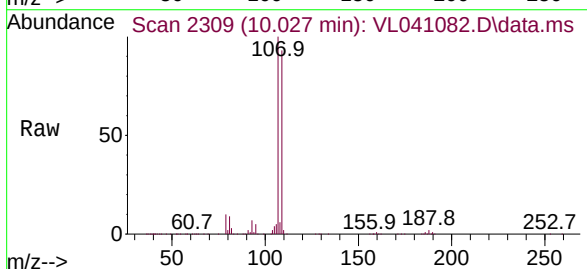
Acq: 11 Mar 2024 11:05

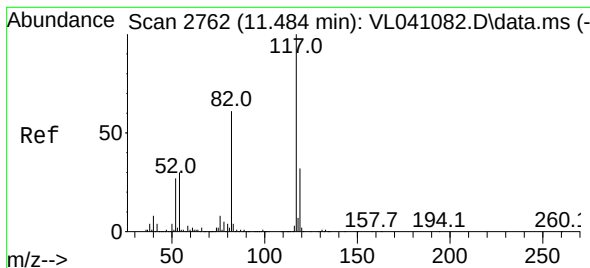
Tgt Ion: 107 Resp: 1682200

Ion Ratio Lower Upper

107 100

109 93.0 74.4 111.6





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.484 min Scan# 2762

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

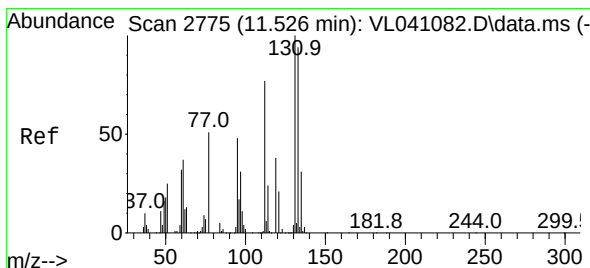
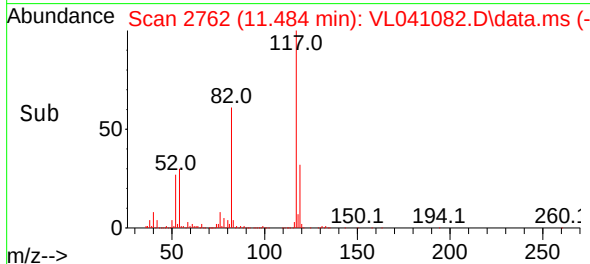
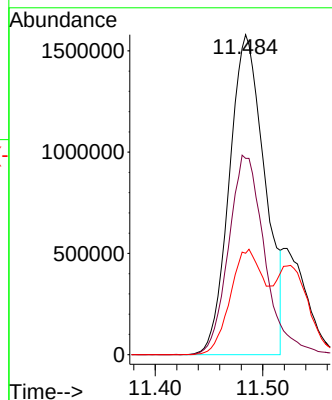
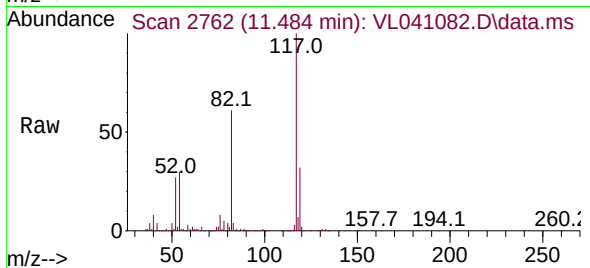
Tgt Ion:117 Resp: 3616248

Ion Ratio Lower Upper

117 100

82 64.3 51.4 77.2

119 29.6 23.7 35.5



#56

1,1,1,2-Tetrachloroethane

Concen: 9.623 ppbv

RT: 11.526 min Scan# 2775

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

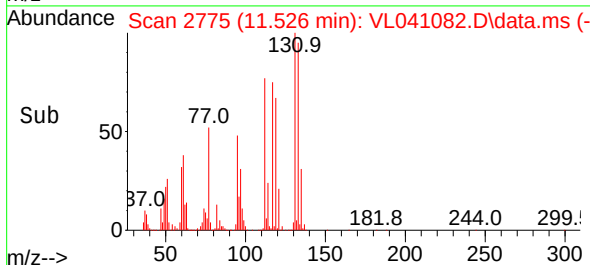
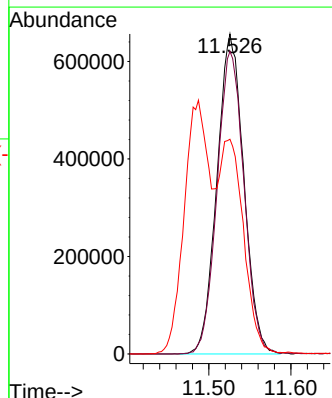
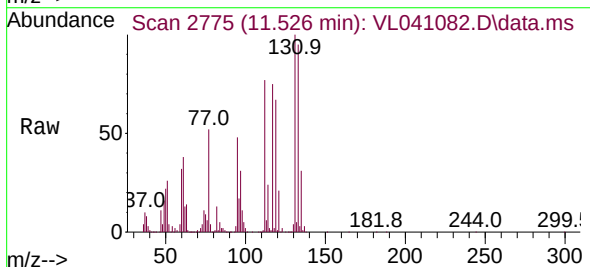
Tgt Ion:131 Resp: 1490043

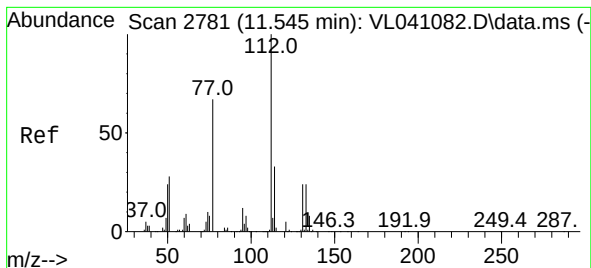
Ion Ratio Lower Upper

131 100

133 95.1 76.1 114.1

119 63.9 51.1 76.7





#57

Chlorobenzene

Concen: 9.537 ppbv

RT: 11.545 min Scan# 2781

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

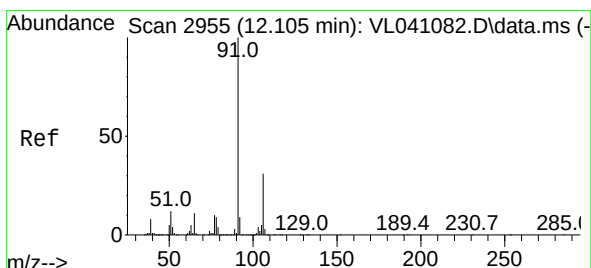
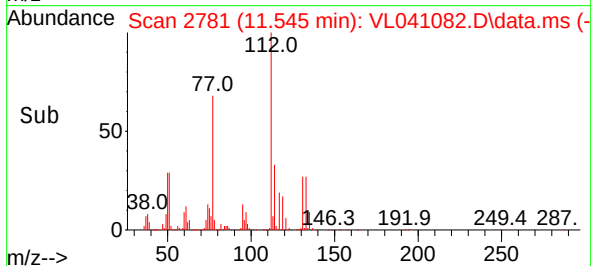
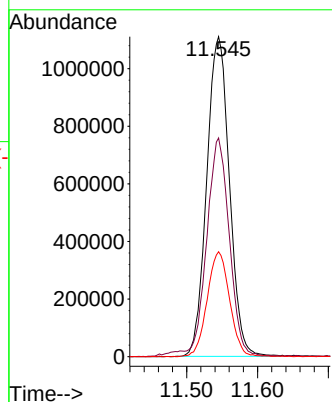
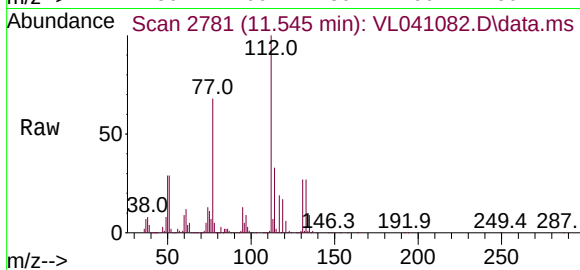
Tgt Ion:112 Resp: 2469206

Ion Ratio Lower Upper

112 100

77 68.2 54.6 81.8

114 32.7 29.4 36.0



#58

Ethyl Benzene

Concen: 10.167 ppbv

RT: 12.105 min Scan# 2955

Delta R.T. 0.000 min

Lab File: VL041082.D

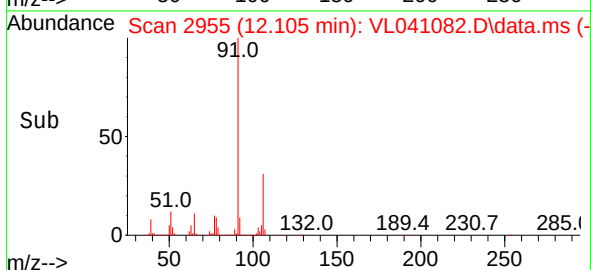
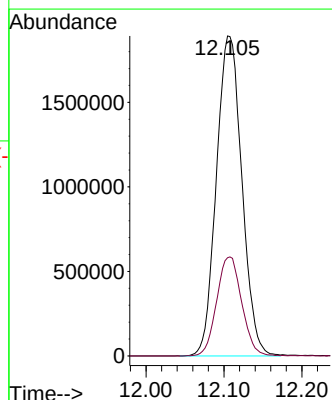
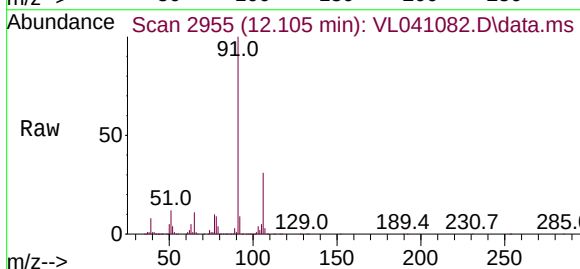
Acq: 11 Mar 2024 11:05

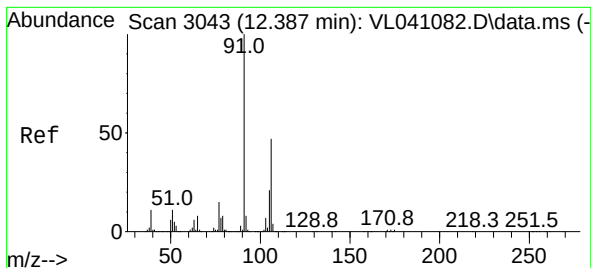
Tgt Ion: 91 Resp: 4304749

Ion Ratio Lower Upper

91 100

106 30.7 24.6 36.8

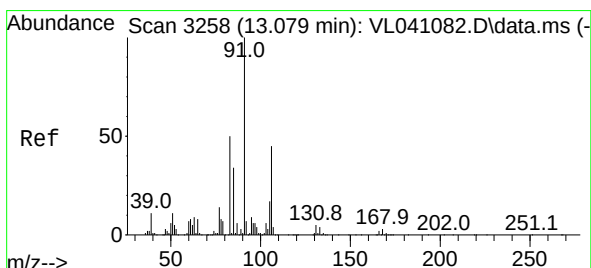
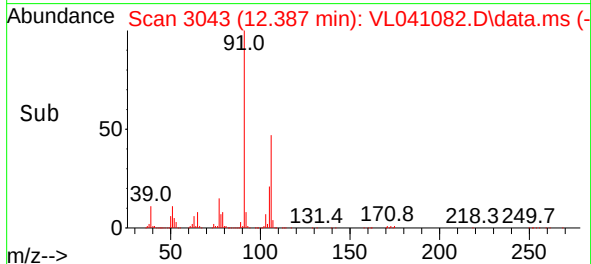
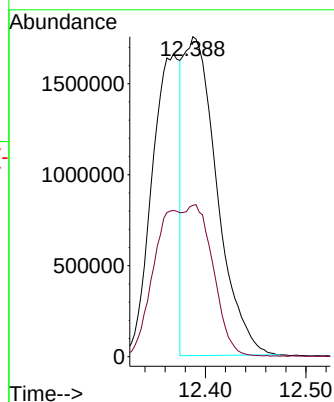
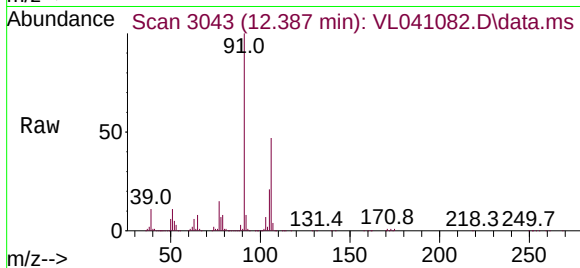




#59
m/p-Xylene
Concen: 10.957 ppbv
RT: 12.387 min Scan# 3043
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

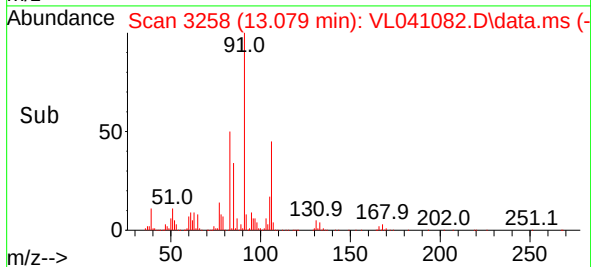
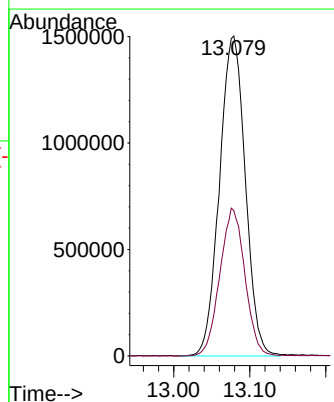
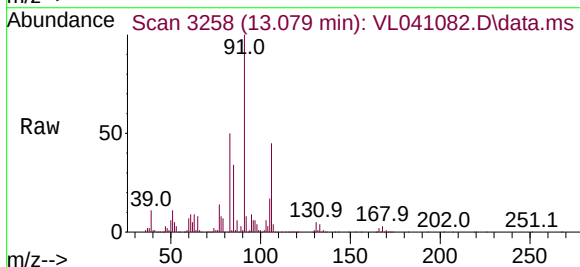
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

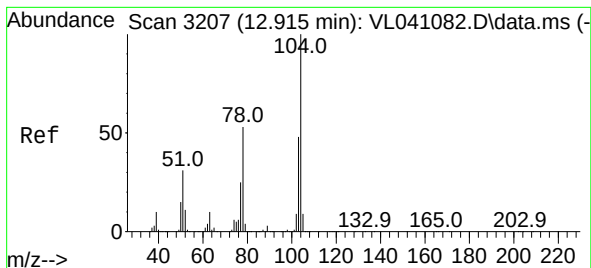
Tgt Ion: 91 Resp: 4072507
Ion Ratio Lower Upper
91 100
106 79.7 35.4 53.2#



#60
o-Xylene
Concen: 10.041 ppbv
RT: 13.079 min Scan# 3258
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 91 Resp: 3539944
Ion Ratio Lower Upper
91 100
106 44.9 22.4 67.3





#61

Styrene

Concen: 11.351 ppbv

RT: 12.915 min Scan# 3207

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

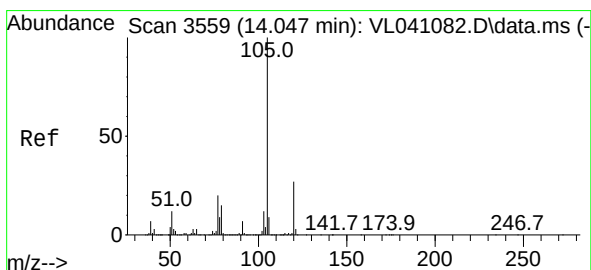
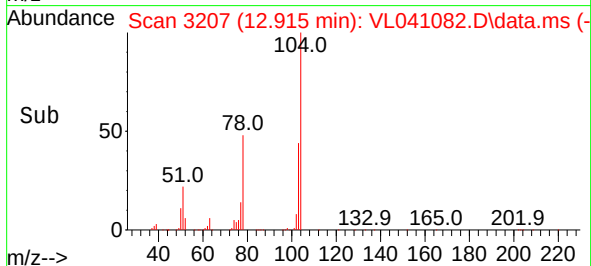
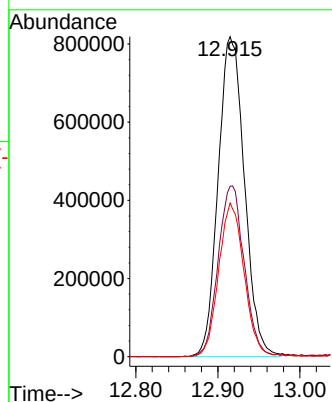
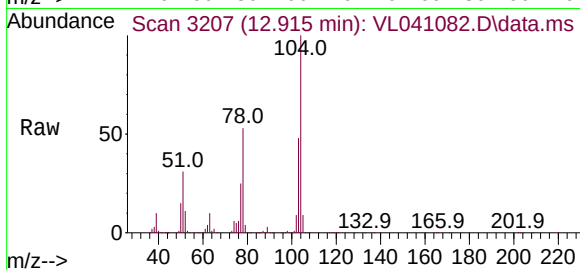
Tgt Ion:104 Resp: 1825155

Ion Ratio Lower Upper

104 100

78 53.3 42.6 64.0

103 46.6 37.3 55.9



#62

Isopropylbenzene

Concen: 9.761 ppbv

RT: 14.047 min Scan# 3559

Delta R.T. 0.000 min

Lab File: VL041082.D

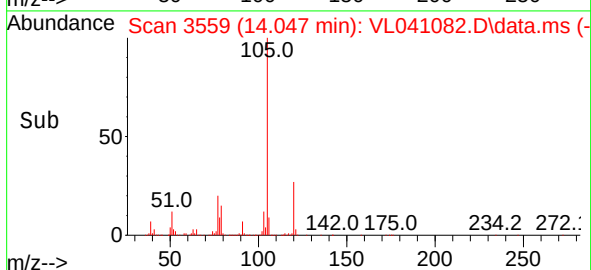
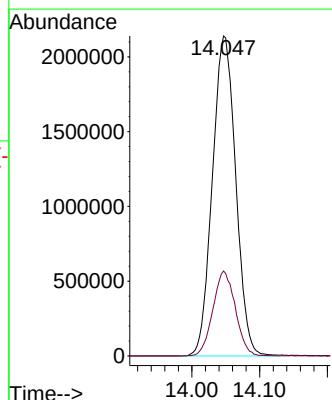
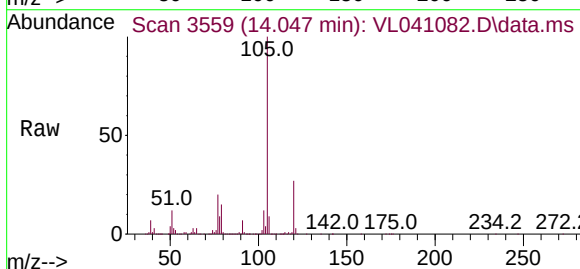
Acq: 11 Mar 2024 11:05

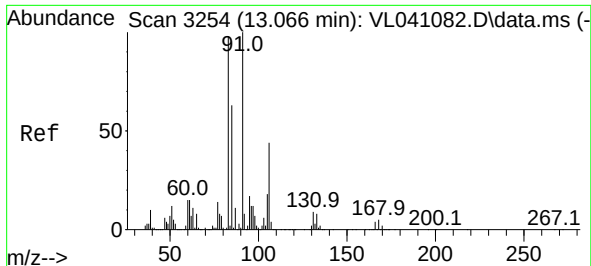
Tgt Ion:105 Resp: 5118958

Ion Ratio Lower Upper

105 100

120 25.6 20.5 30.7





#63

1,1,2,2-Tetrachloroethane

Concen: 9.894 ppbv

RT: 13.066 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

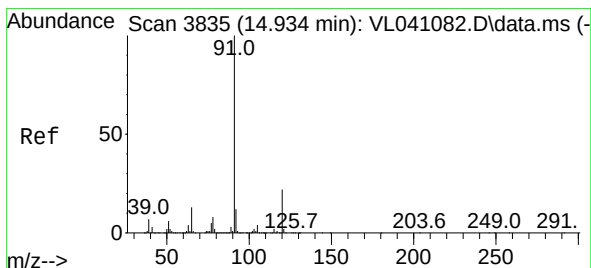
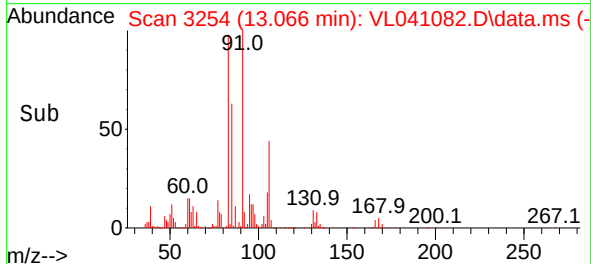
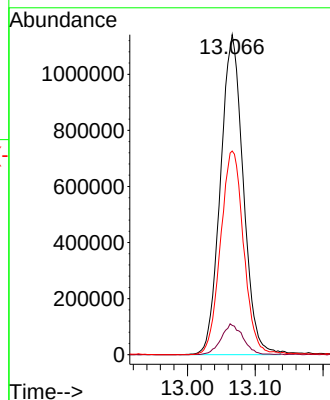
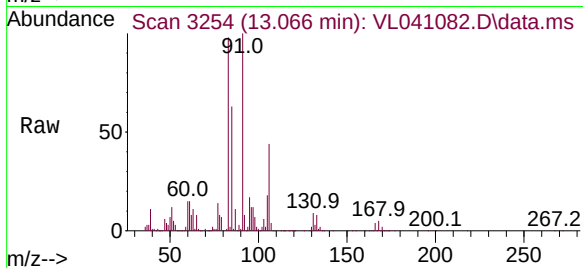
Tgt Ion: 83 Resp: 2663340

Ion Ratio Lower Upper

83 100

131 9.3 4.7 14.0

85 65.4 32.7 98.1



#64

n-propylbenzene

Concen: 10.018 ppbv

RT: 14.934 min Scan# 3835

Delta R.T. 0.000 min

Lab File: VL041082.D

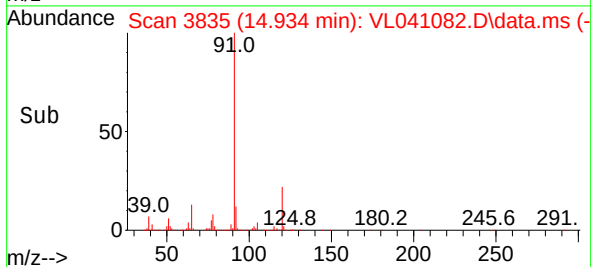
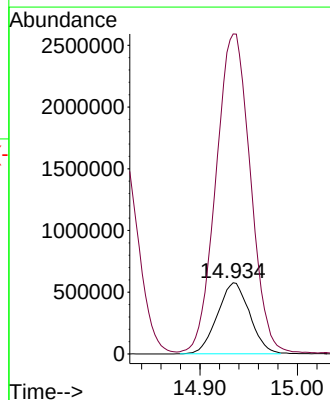
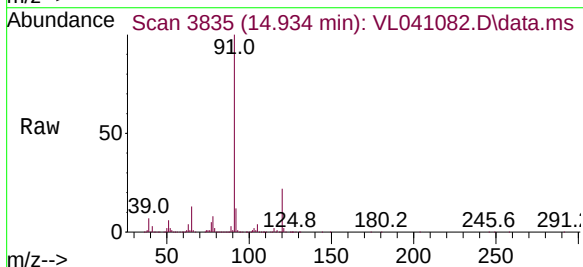
Acq: 11 Mar 2024 11:05

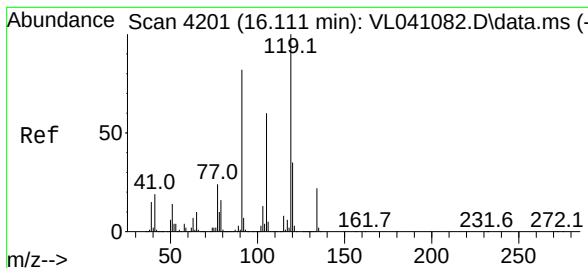
Tgt Ion:120 Resp: 1323777

Ion Ratio Lower Upper

120 100

91 484.4 387.5 581.3

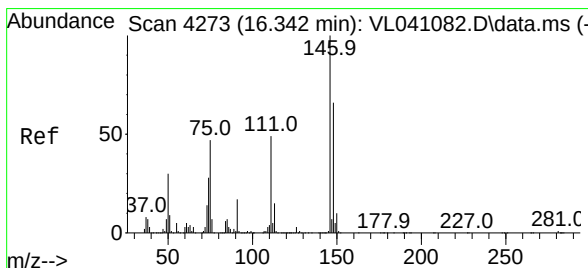
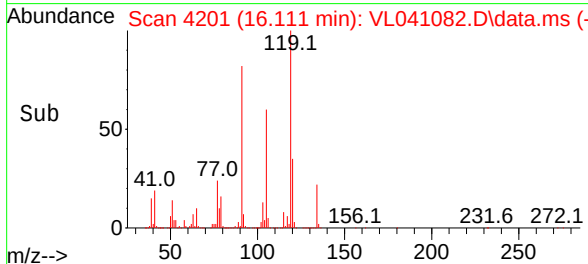
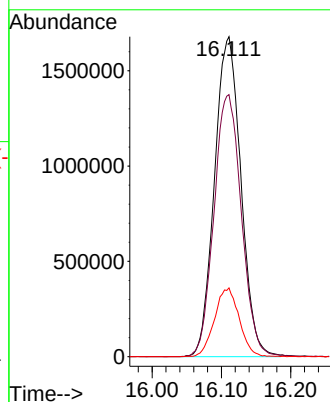
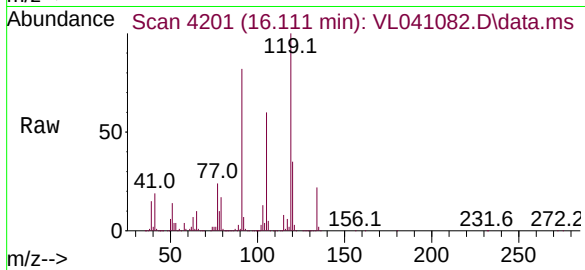




#65
tert-Butylbenzene
Concen: 9.790 ppbv
RT: 16.111 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

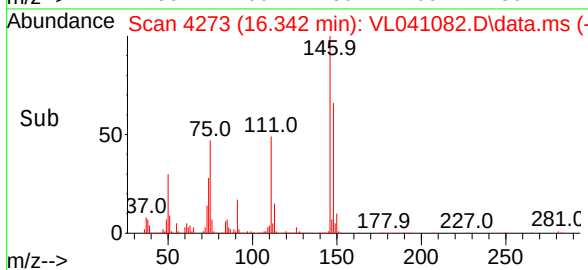
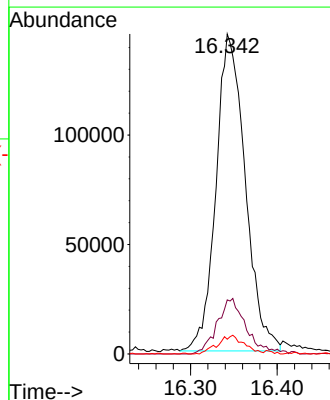
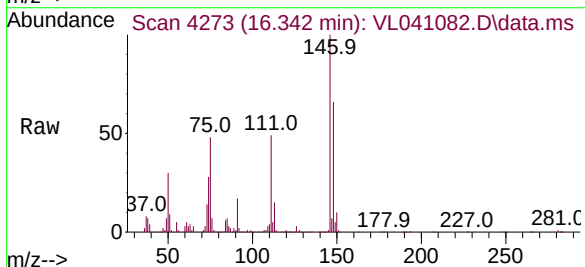
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

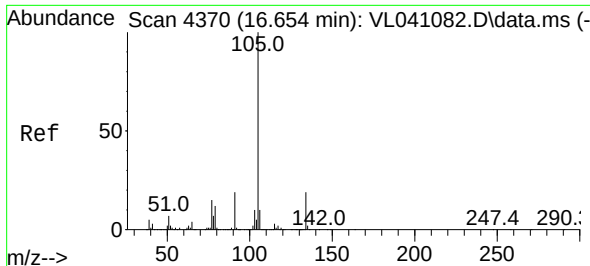
Tgt Ion:119 Resp: 4453629
Ion Ratio Lower Upper
119 100
91 84.8 67.8 101.8
134 20.2 16.2 24.2



#66
Benzyl Chloride
Concen: 11.062 ppbv
RT: 16.342 min Scan# 4273
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 91 Resp: 339120
Ion Ratio Lower Upper
91 100
126 17.6 14.1 21.1
128 5.8 4.6 7.0





#67

sec-Butylbenzene

Concen: 9.706 ppbv

RT: 16.654 min Scan# 4370

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

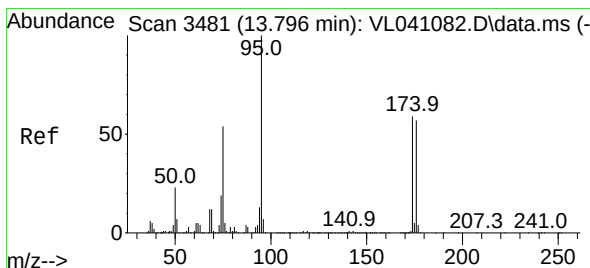
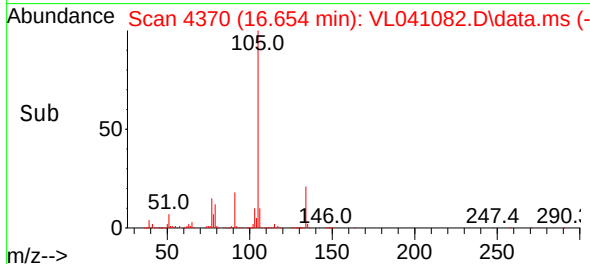
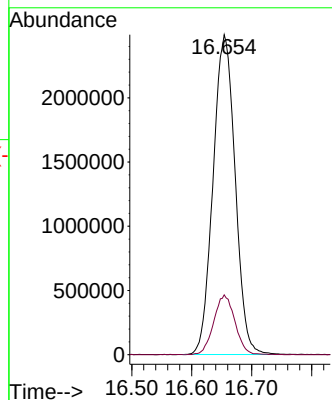
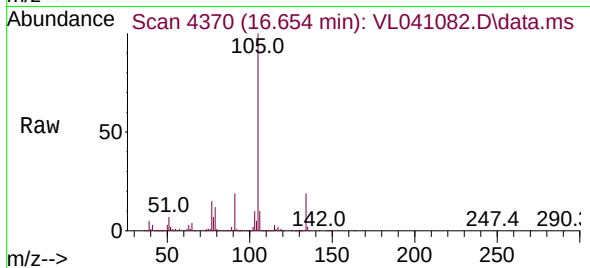
VSTDICCC010

Tgt Ion:105 Resp: 6360806

Ion Ratio Lower Upper

105 100

134 17.9 14.3 21.5



#68

1-Bromo-4-Fluorobenzene

Concen: 10.079 ppbv

RT: 13.796 min Scan# 3481

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

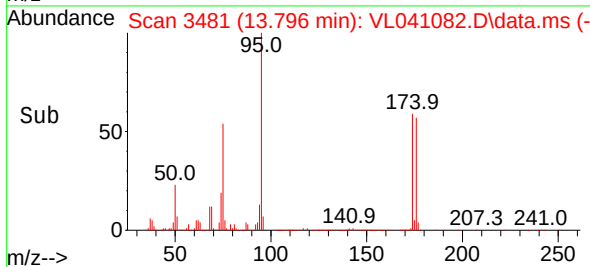
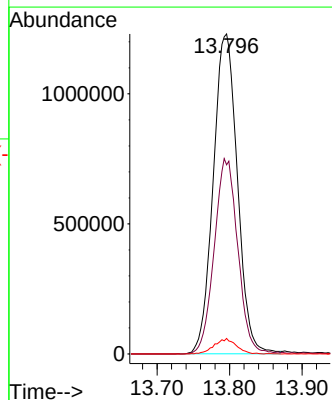
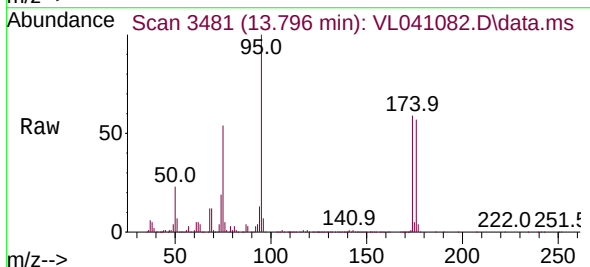
Tgt Ion: 95 Resp: 2849661

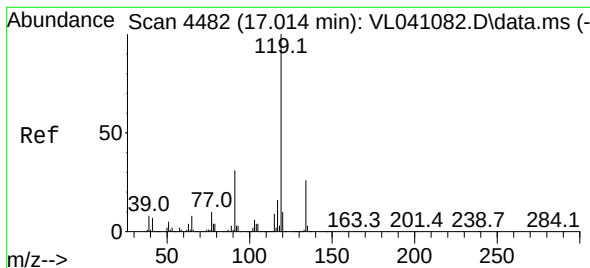
Ion Ratio Lower Upper

95 100

174 59.8 47.8 71.8

175 4.4 3.5 5.3





#69

p-Isopropyltoluene

Concen: 10.022 ppbv

RT: 17.014 min Scan# 4482

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

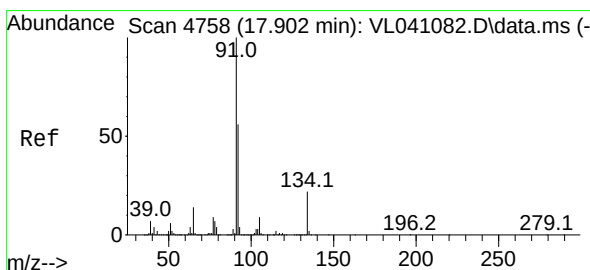
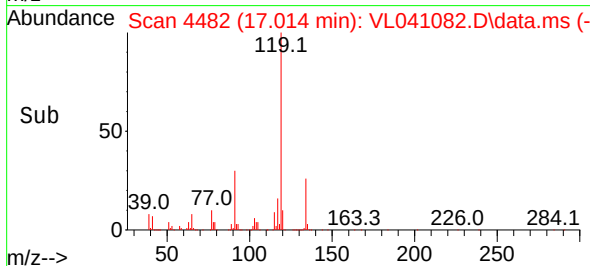
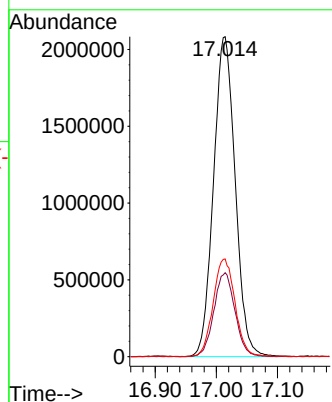
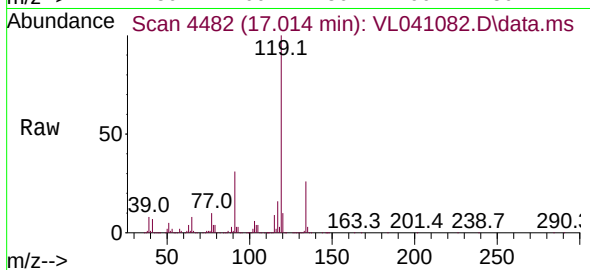
Tgt Ion:119 Resp: 5123320

Ion Ratio Lower Upper

119 100

134 25.7 20.6 30.8

91 30.9 24.7 37.1



#70

n-Butylbenzene

Concen: 10.089 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

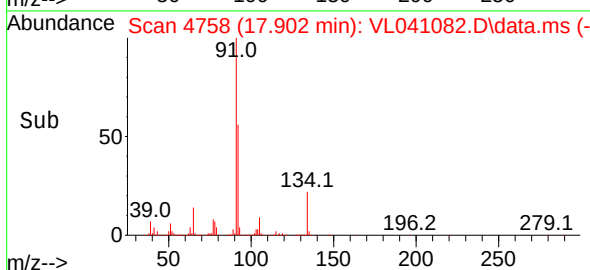
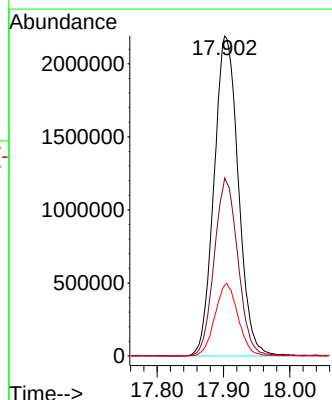
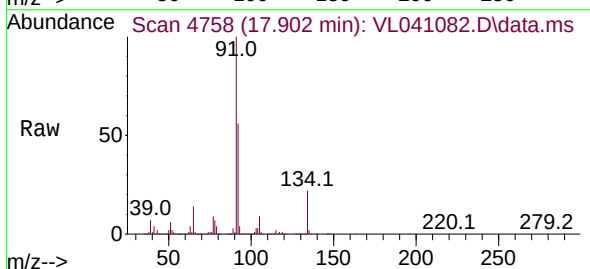
Tgt Ion: 91 Resp: 5573867

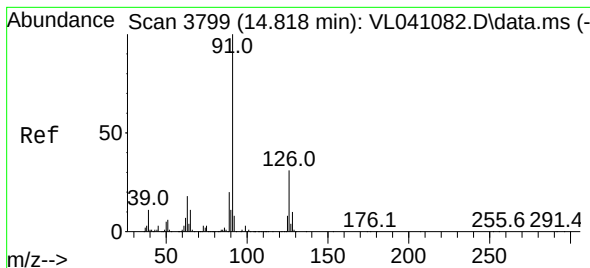
Ion Ratio Lower Upper

91 100

92 54.3 43.4 65.2

134 21.7 17.4 26.0

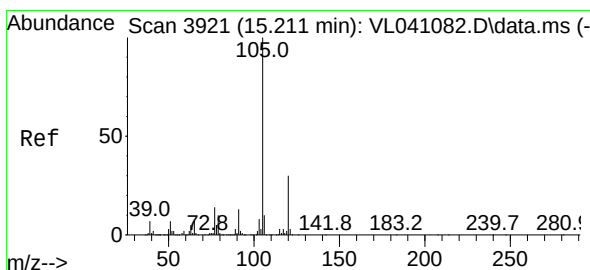
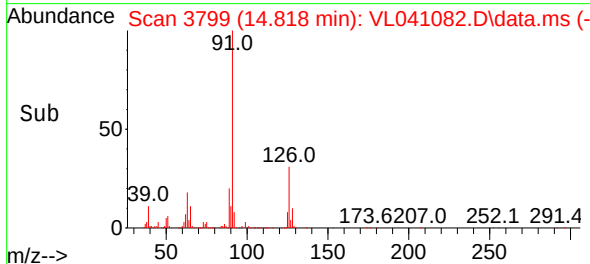
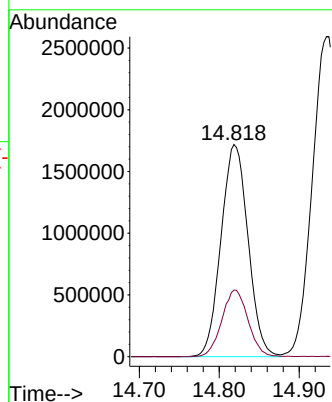
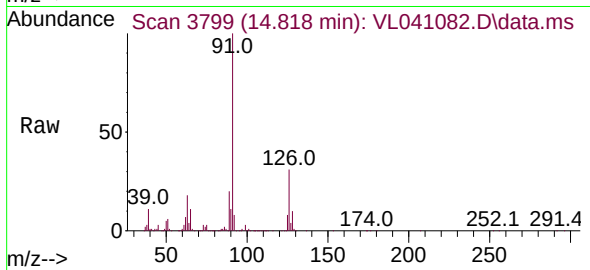




#71
2-Chlorotoluene
Concen: 10.067 ppbv
RT: 14.818 min Scan# 3799
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

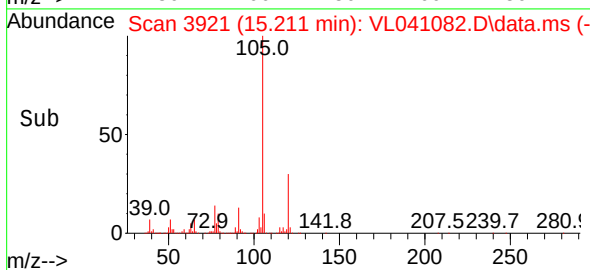
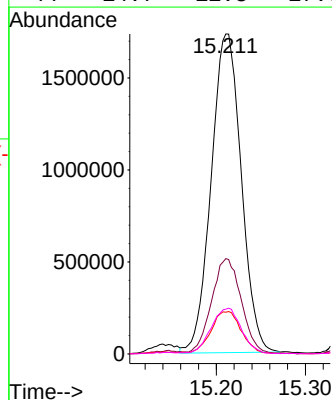
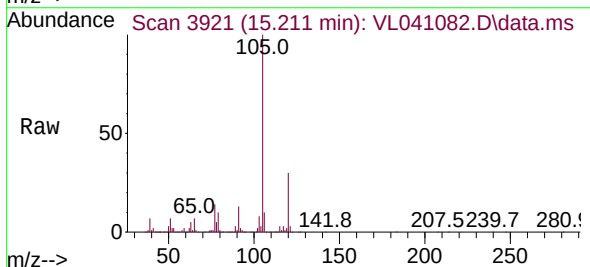
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

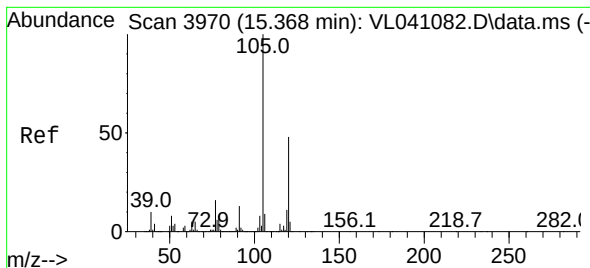
Tgt Ion: 91 Resp: 4036207
Ion Ratio Lower Upper
91 100
126 30.5 12.2 48.8



#72
4-Ethyltoluene
Concen: 10.457 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion: 105 Resp: 4062674
Ion Ratio Lower Upper
105 100
120 29.8 23.8 35.8
91 13.6 10.9 16.3
77 14.7 11.8 17.6





#73

1,3,5-Trimethylbenzene

Concen: 10.185 ppbv

RT: 15.368 min Scan# 3970

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

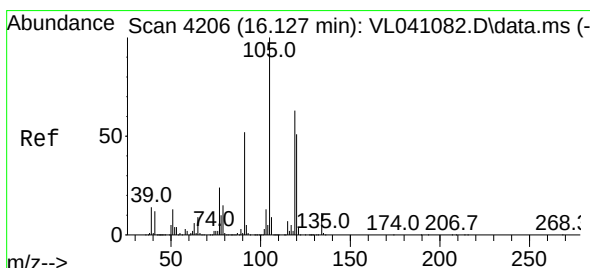
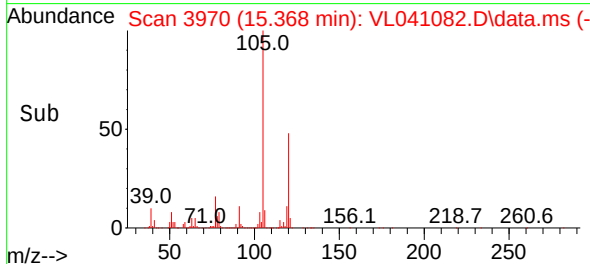
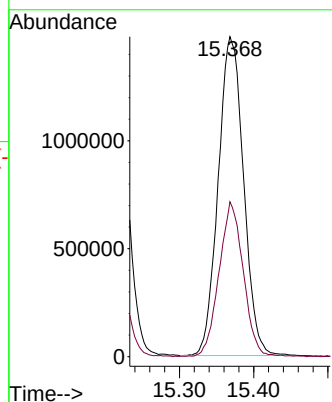
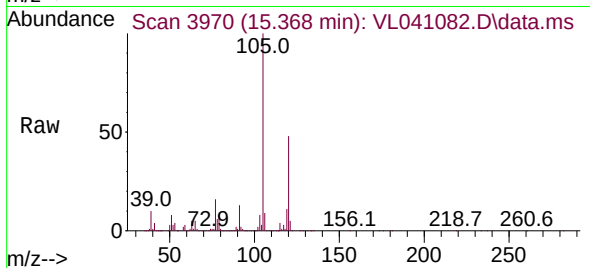
VSTDICCC010

Tgt Ion:105 Resp: 3501734

Ion Ratio Lower Upper

105 100

120 48.4 38.7 58.1



#74

1,2,4-Trimethylbenzene

Concen: 9.762 ppbv

RT: 16.127 min Scan# 4206

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Tgt Ion:105 Resp: 3833200

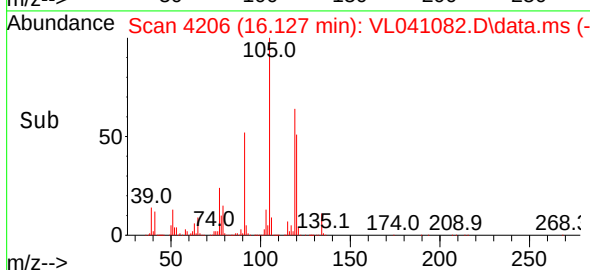
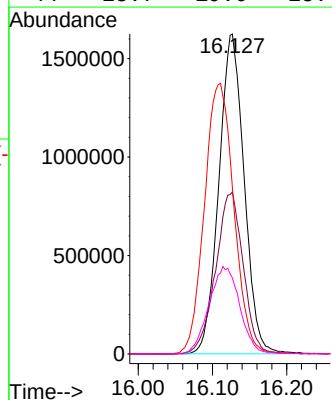
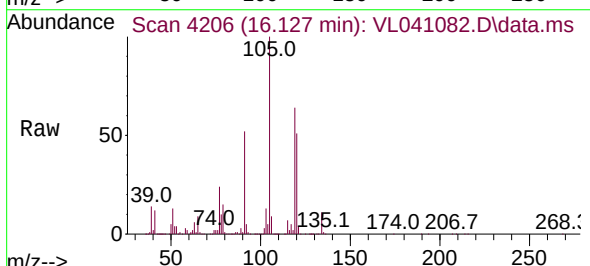
Ion Ratio Lower Upper

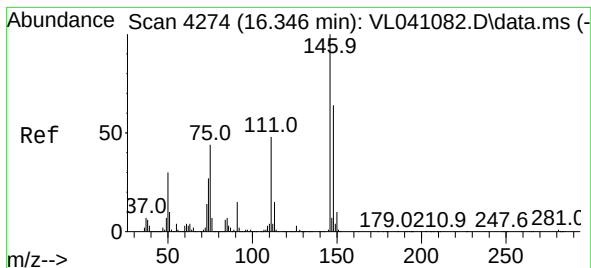
105 100

120 50.5 40.4 60.6

91 51.7 41.4 62.0

77 23.7 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 5.917 ppbv

RT: 16.346 min Scan# 4274

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

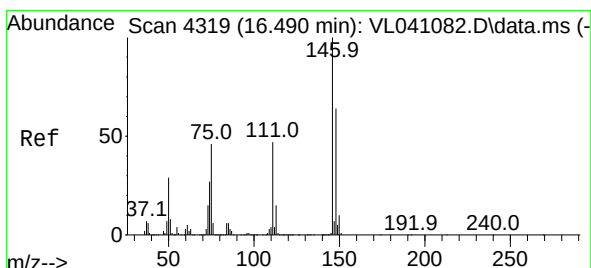
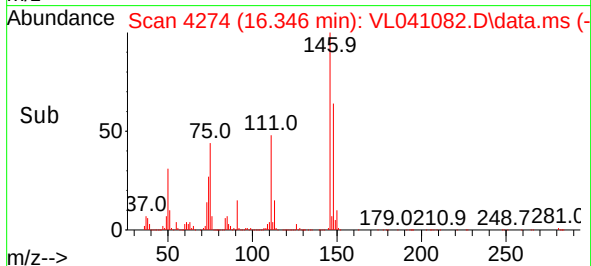
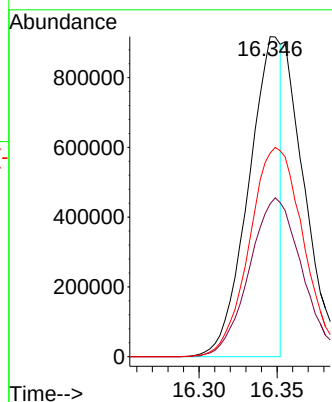
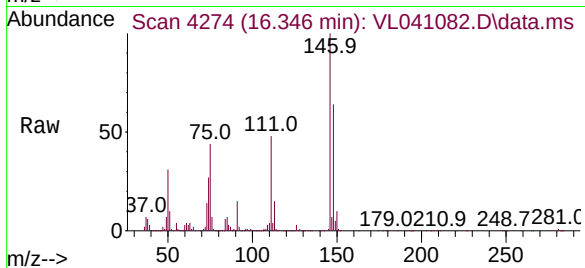
Tgt Ion:146 Resp: 1326028

Ion Ratio Lower Upper

146 100

111 81.8 24.1 72.2#

148 110.7 32.6 97.7#



#76

1,4-Dichlorobenzene

Concen: 9.750 ppbv

RT: 16.490 min Scan# 4319

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

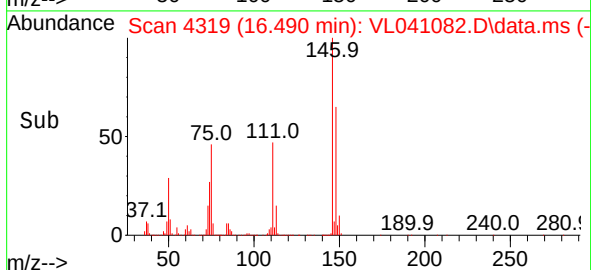
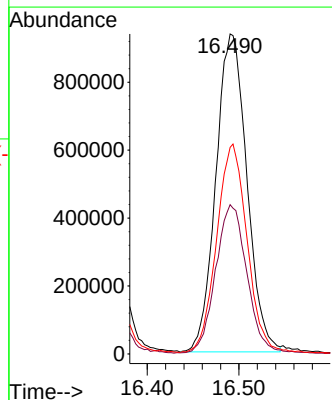
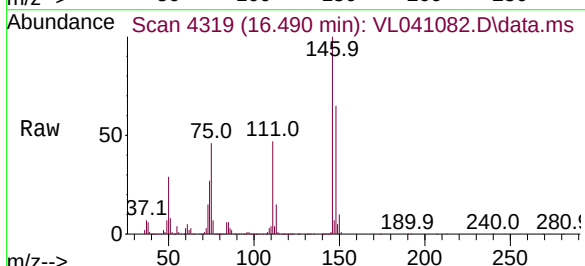
Tgt Ion:146 Resp: 2198393

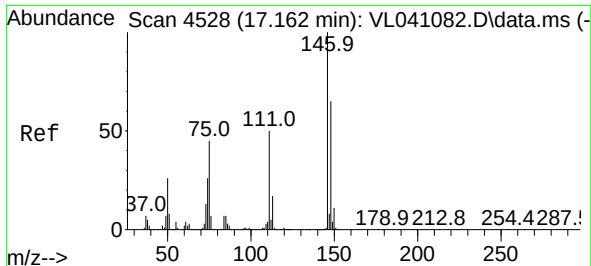
Ion Ratio Lower Upper

146 100

111 47.8 23.9 71.7

148 65.7 32.9 98.6

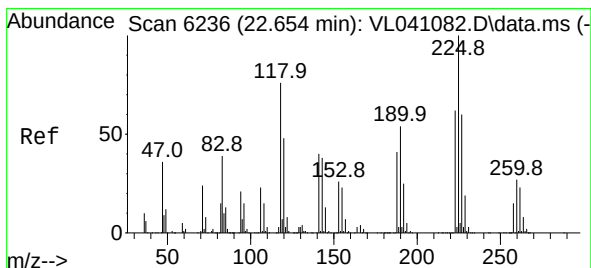
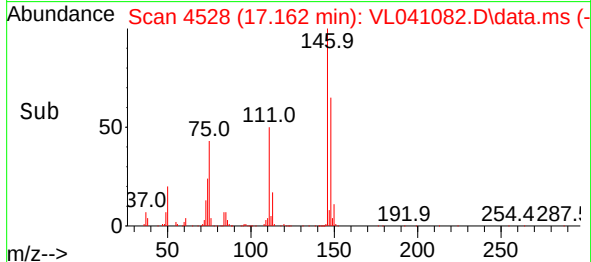
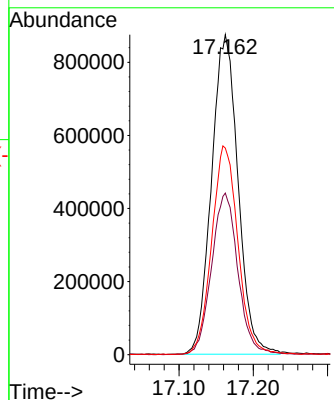
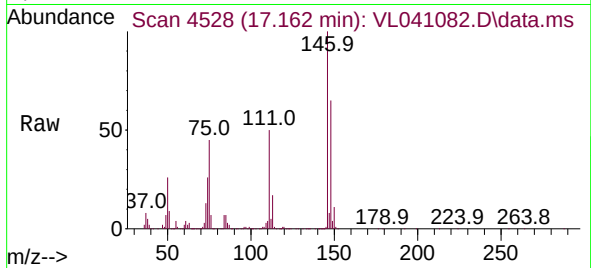




#77
1,2-Dichlorobenzene
Concen: 9.793 ppbv
RT: 17.162 min Scan# 4528
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

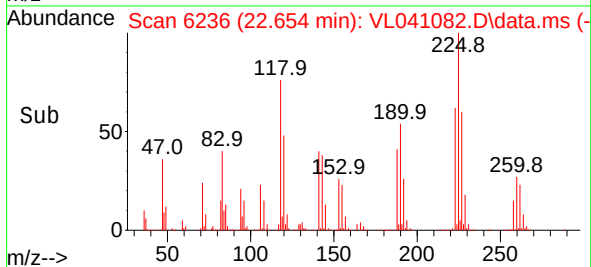
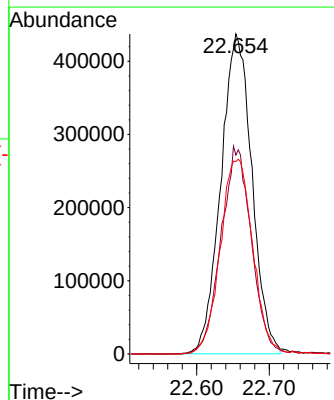
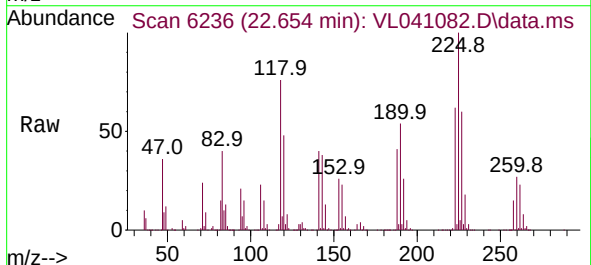
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

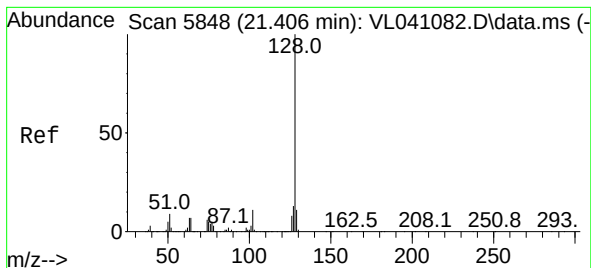
Tgt Ion:146 Resp: 2167733
Ion Ratio Lower Upper
146 100
111 50.4 25.2 75.6
148 64.7 32.4 97.0



#78
Hexachloro-1,3-Butadiene
Concen: 8.392 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.000 min
Lab File: VL041082.D
Acq: 11 Mar 2024 11:05

Tgt Ion:225 Resp: 1299264
Ion Ratio Lower Upper
225 100
223 63.9 51.1 76.7
227 63.9 51.1 76.7





#79

Naphthalene

Concen: 12.045 ppbv

RT: 21.406 min Scan# 5848

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

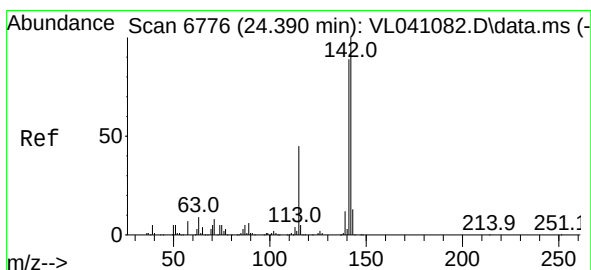
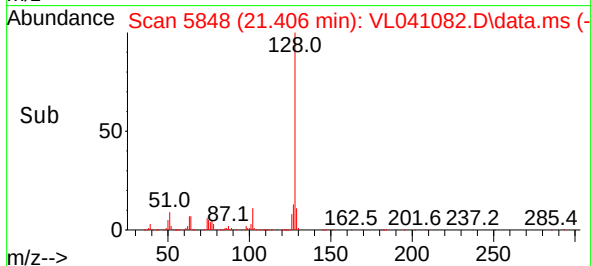
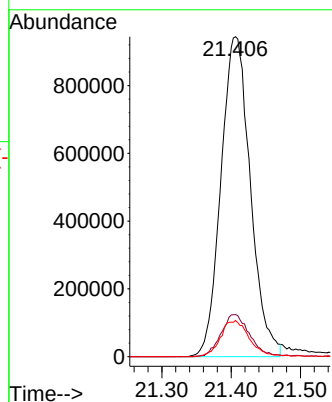
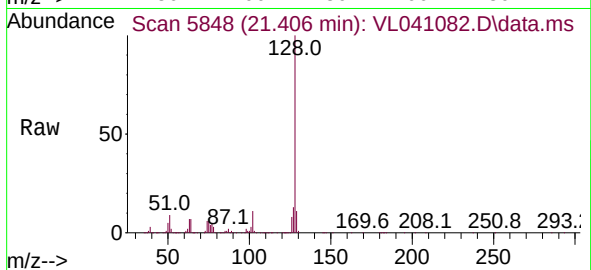
Tgt Ion:128 Resp: 2783574

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 11.3 9.0 13.6



#80

Naphthalene,2-methyl-

Concen: 14.466 ppbv

RT: 24.390 min Scan# 6776

Delta R.T. 0.000 min

Lab File: VL041082.D

Acq: 11 Mar 2024 11:05

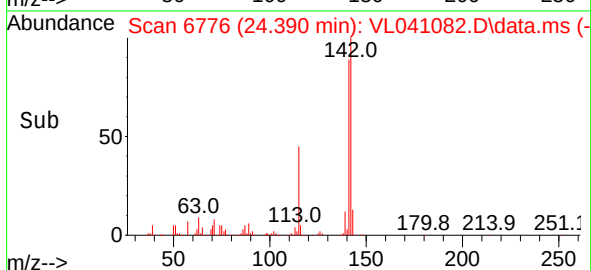
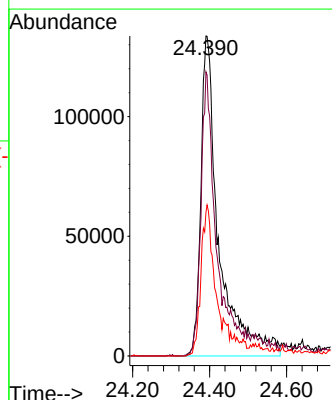
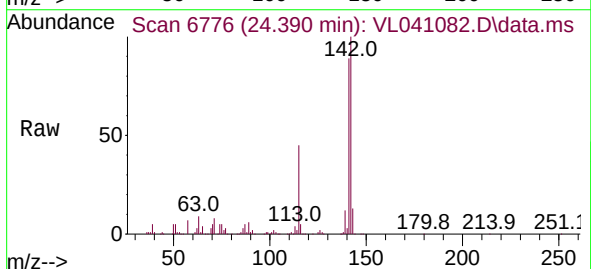
Tgt Ion:142 Resp: 436496

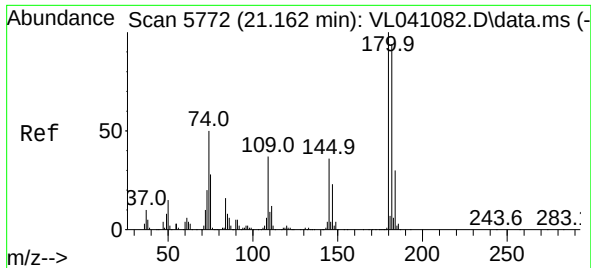
Ion Ratio Lower Upper

142 100

141 76.6 61.3 91.9

115 44.3 35.4 53.2





#81
 1,2,4-Trichlorobenzene
 Concen: 10.428 ppbv
 RT: 21.162 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041082.D
 Acq: 11 Mar 2024 11:05

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Tgt Ion:180 Resp: 1377389
 Ion Ratio Lower Upper
 180 100
 182 98.4 78.7 118.1
 184 31.6 25.3 37.9

