

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041179.D
 Acq On : 29 Apr 2024 11:27
 Operator : SY/MD
 Sample : VSTDICCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

Quant Time: Apr 30 05:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 30 05:04:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1112150	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2788075	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2693672	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	2031833	9.987	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	1422549	9.254	ppbv	100
3) Chlorodifluoromethane	2.671	51	1571594	9.270	ppbv	100
4) Chloromethane	2.809	50	619576	9.183	ppbv	100
5) Vinyl Chloride	2.919	62	636172	9.722	ppbv	100
6) Bromomethane	3.118	94	230428	9.505	ppbv	100
7) Chloroethane	3.195	64	221087	9.313	ppbv	100
8) Dichlorotetrafluoroethane	2.854	85	1473359	9.484	ppbv	100
9) Propene	2.690	41	612278	9.256	ppbv	100
10) Heptane	7.581	43	1494893	9.439	ppbv	100
11) Trichlorofluoromethane	3.558	101	1462629	9.581	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.063	101	1080552	9.474	ppbv	100
13) Ethanol	3.237	45	150371	10.525	ppbv	100
14) Bromoethene	3.362	108	446546	9.399	ppbv	100
15) Acetone	3.462	43	1130547	8.517	ppbv	100
16) 1,3-Butadiene	2.983	39	648785	9.833	ppbv	100
17) tert-Butyl alcohol	3.874	59	1465073	10.212	ppbv	100
18) 1,1-Dichloroethene	3.877	96	488404	9.335	ppbv	100
19) Isopropyl Alcohol	3.571	45	900488	10.436	ppbv	100
20) Methylene Chloride	3.928	84	414071	8.985	ppbv	100
21) Allyl Chloride	3.993	41	810802	9.377	ppbv	100
22) trans-1,2-Dichloroethene	4.439	96	507866	9.833	ppbv	100
23) Vinyl Acetate	4.623	43	1408214	9.618	ppbv	100
24) 1,1-Dichloroethane	4.558	63	1047058	9.279	ppbv	100
25) Ethyl Acetate	5.202	43	2459546	9.447	ppbv	100
26) Hexane	5.208	57	1072778	9.310	ppbv	100
27) Carbon Disulfide	4.121	76	1349586	9.875	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	898633	9.581	ppbv	100
29) Chloroform	5.272	83	1524457	9.479	ppbv	100
30) Cyclohexane	6.597	84	894175	9.456	ppbv	100
31) cis-1,2-Dichloroethene	5.073	61	1055873	9.570	ppbv	100
32) 1,1,1-Trichloroethane	6.002	97	1547693	9.590	ppbv	100
34) 2-Butanone	4.780	43	1239148	9.084	ppbv	100
35) Carbon Tetrachloride	6.491	117	1542679	9.750	ppbv	100
36) Benzene	6.369	78	2221090	9.469	ppbv	100
37) 1,2-Dichloroethane	5.806	62	1187277	9.675	ppbv	100
38) Trichloroethene	7.291	130	789647	8.917	ppbv	100
39) 1,2-Dichloropropane	7.073	63	867244	9.571	ppbv	100
40) 1,4-Dioxane	7.285	88	323620	10.001	ppbv	100
41) Tetrahydrofuran	5.555	42	985365	9.770	ppbv	100
42) Bromodichloromethane	7.246	83	1734607	9.681	ppbv	100
43) Methyl Methacrylate	7.472	69	931637	9.680	ppbv	100
44) 2,2,4-Trimethylpentane	7.324	57	3777756	9.304	ppbv	100
45) t-1,3-Dichloropropene	8.706	75	740808	10.513	ppbv	100

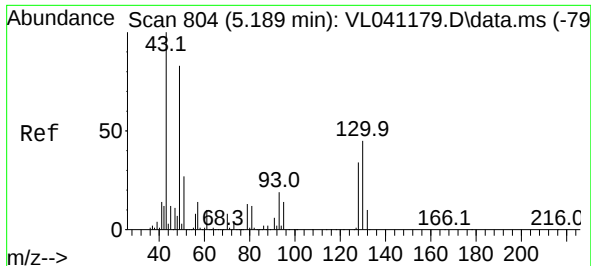
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041179.D
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 ClientSampleId :
 VSTDICCC010

Quant Time: Apr 30 05:06:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Apr 30 05:04:57 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	838573	9.830	ppbv	100
47) 1,1,2-Trichloroethane	8.899	97	863193	9.566	ppbv	100
48) Dibromochloromethane	9.713	129	1446815	9.914	ppbv	100
49) Bromoform	12.407	173	1257751	10.037	ppbv	100
50) 4-Methyl-2-Pentanone	8.179	43	2394160	9.297	ppbv	100
51) 2-Hexanone	9.549	43	1756610	9.369	ppbv #	100
52) Tetrachloroethene	10.619	164	772346	9.346	ppbv	100
53) Toluene	9.221	91	2572231	9.406	ppbv	100
54) 1,2-Dibromoethane	10.008	107	1195937	9.753	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.510	131	1059887	9.503	ppbv	100
57) Chlorobenzene	11.526	112	1825680	9.267	ppbv	100
58) Ethyl Benzene	12.092	91	3375786	9.099	ppbv	100
59) m/p-Xylene	12.375	91	3181554	10.216	ppbv #	48
60) o-Xylene	13.060	91	2641521	9.035	ppbv	100
61) Styrene	12.899	104	1471572	9.640	ppbv	100
62) Isopropylbenzene	14.031	105	3929016	8.945	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.047	83	1849955	9.316	ppbv	100
64) n-propylbenzene	14.918	120	1017449	9.244	ppbv	100
65) tert-Butylbenzene	16.092	119	3413104	8.793	ppbv	100
66) Benzyl Chloride	16.323	91	478167	10.350	ppbv	100
67) sec-Butylbenzene	16.638	105	4854708	8.844	ppbv	100
69) p-Isopropyltoluene	16.998	119	4006087	8.803	ppbv	100
70) n-Butylbenzene	17.886	91	4218828	8.923	ppbv	100
71) 2-Chlorotoluene	14.802	91	3038563	9.055	ppbv	100
72) 4-Ethyltoluene	15.191	105	3120787	9.358	ppbv	100
73) 1,3,5-Trimethylbenzene	15.352	105	2759654	9.128	ppbv	100
74) 1,2,4-Trimethylbenzene	16.108	105	2955984	8.982	ppbv	100
75) 1,3-Dichlorobenzene	16.333	146	1742370	9.407	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1733035	9.605	ppbv	100
77) 1,2-Dichlorobenzene	17.143	146	1678538	8.969	ppbv	100
78) Hexachloro-1,3-Butadiene	22.632	225	1335636	8.029	ppbv	100
79) Naphthalene	21.384	128	2954097	9.468	ppbv	100
80) Naphthalene,2-methyl-	24.374	142	1017752	7.750	ppbv	100
81) 1,2,4-Trichlorobenzene	21.137	180	1495849	8.971	ppbv	100

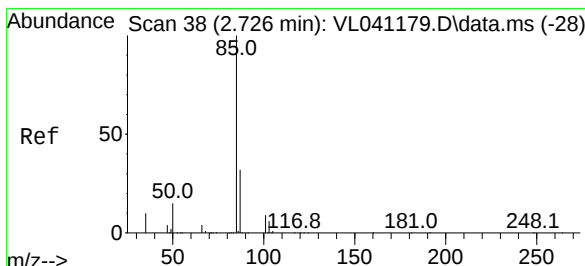
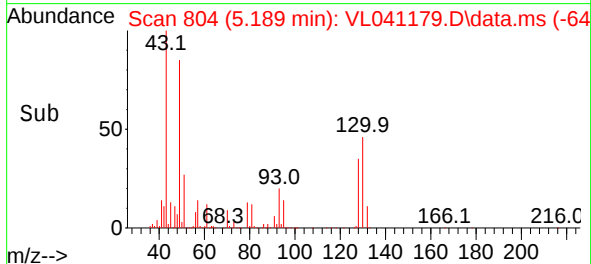
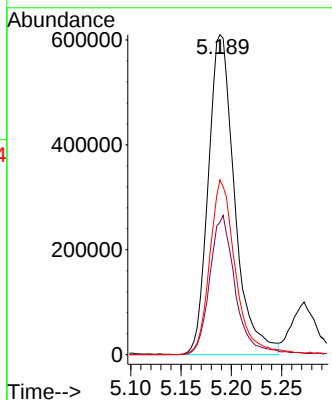
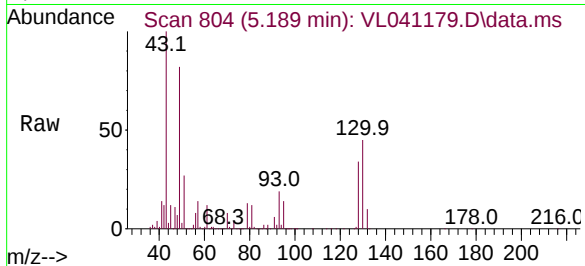
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.189 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

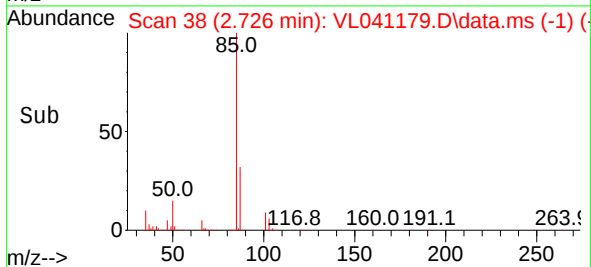
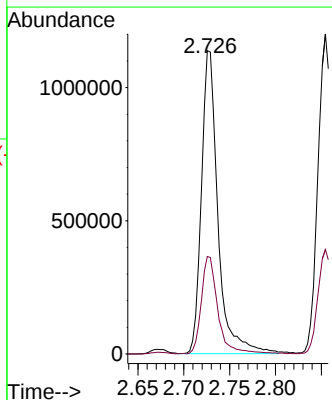
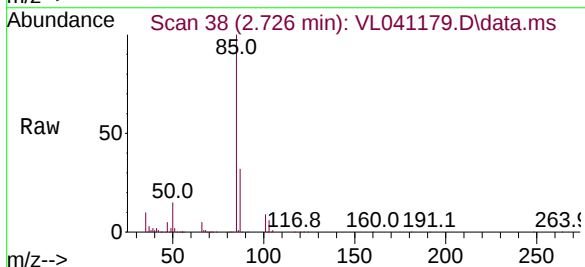
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

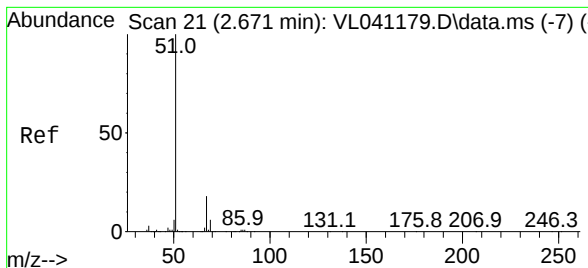
Tgt Ion: 49 Resp: 1112150
 Ion Ratio Lower Upper
 49 100
 128 43.0 21.5 64.5
 130 54.4 27.2 81.6



#2
 Dichlorodifluoromethane
 Concen: 9.254 ppbv
 RT: 2.726 min Scan# 38
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

Tgt Ion: 85 Resp: 1422549
 Ion Ratio Lower Upper
 85 100
 87 32.1 25.7 38.5





#3

Chlorodifluoromethane

Concen: 9.270 ppbv

RT: 2.671 min Scan# 21

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

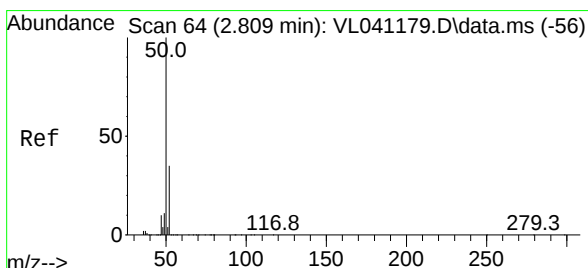
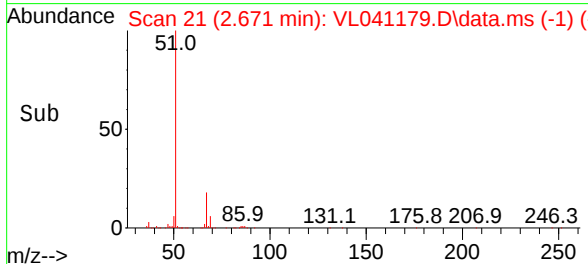
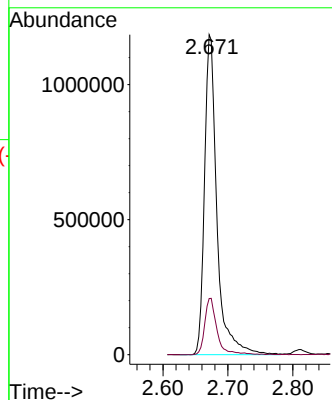
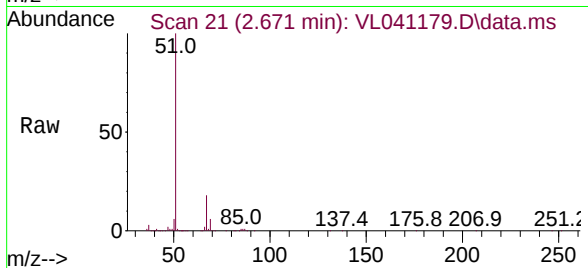
VSTDICCC010

Tgt Ion: 51 Resp: 1571594

Ion Ratio Lower Upper

51 100

67 17.5 14.0 21.0



#4

Chloromethane

Concen: 9.183 ppbv

RT: 2.809 min Scan# 64

Delta R.T. 0.000 min

Lab File: VL041179.D

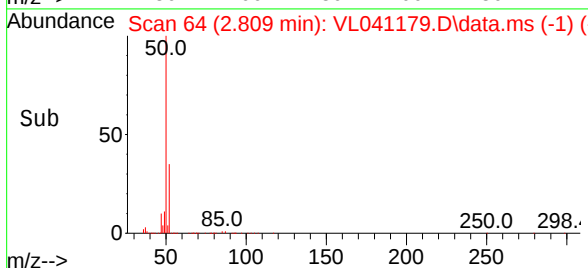
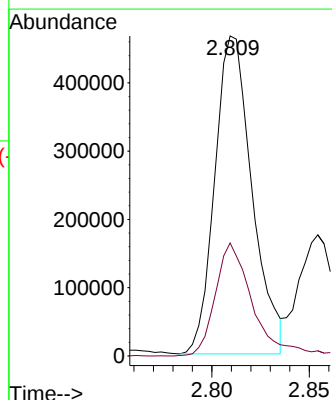
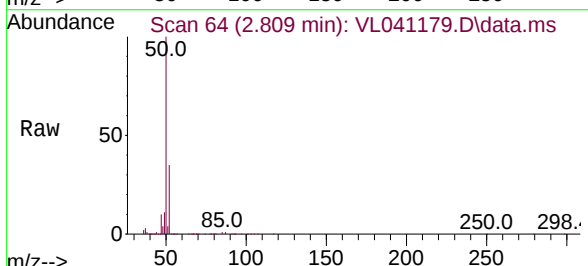
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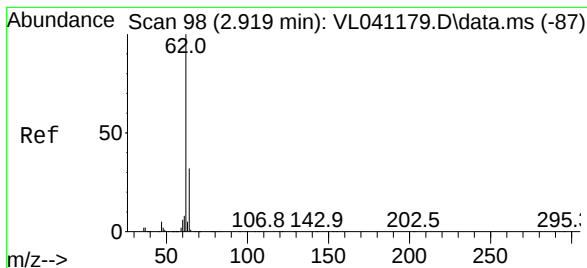
Tgt Ion: 50 Resp: 619576

Ion Ratio Lower Upper

50 100

52 35.4 28.3 42.5

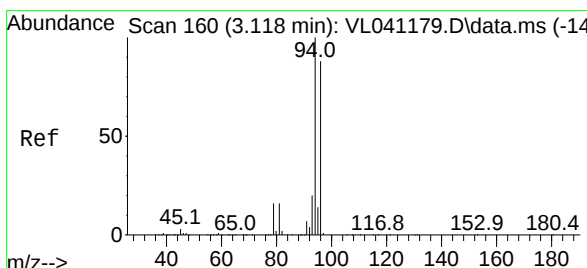
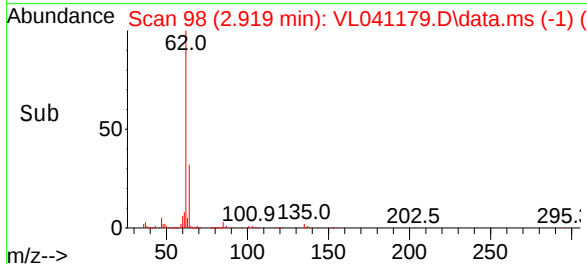
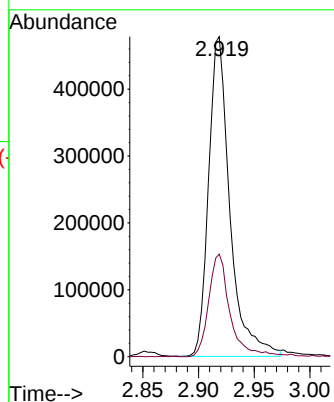
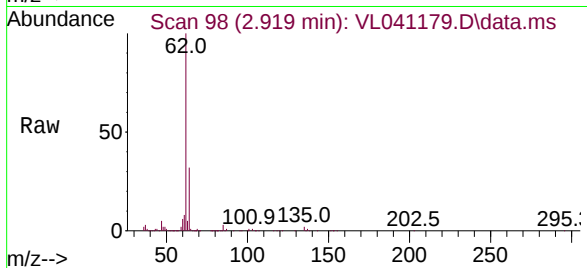




#5
 Vinyl Chloride
 Concen: 9.722 ppbv
 RT: 2.919 min Scan# 98
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

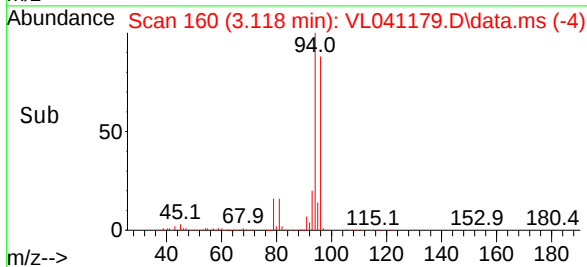
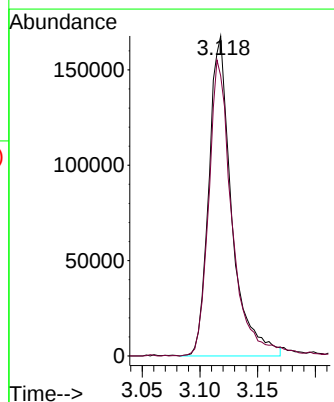
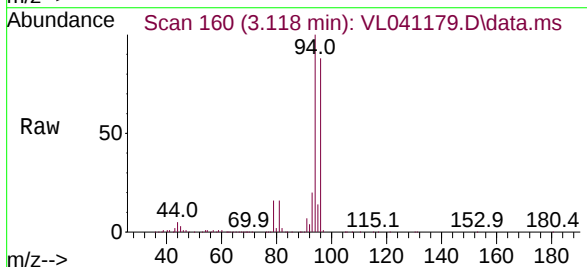
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

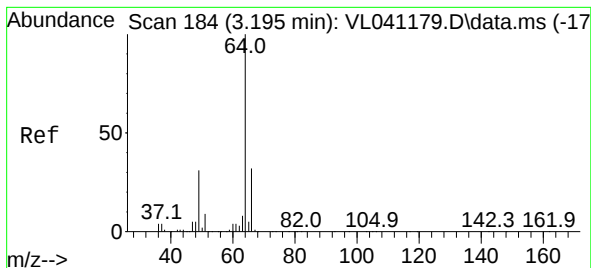
Tgt Ion: 62 Resp: 636172
 Ion Ratio Lower Upper
 62 100
 64 32.1 25.7 38.5



#6
 Bromomethane
 Concen: 9.505 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

Tgt Ion: 94 Resp: 230428
 Ion Ratio Lower Upper
 94 100
 96 87.6 70.1 105.1





#7

Chloroethane

Concen: 9.313 ppbv

RT: 3.195 min Scan# 184

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

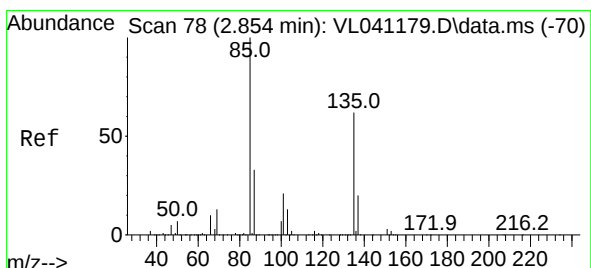
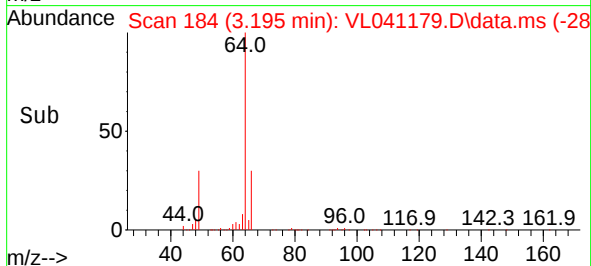
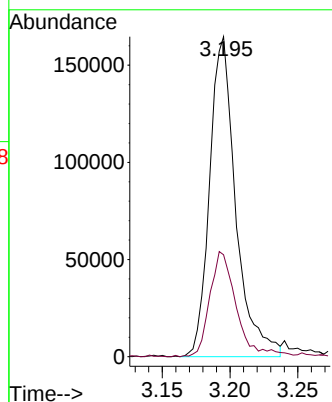
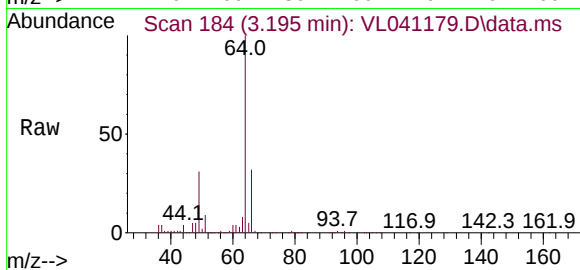
VSTDICCC010

Tgt Ion: 64 Resp: 221087

Ion Ratio Lower Upper

64 100

66 31.8 25.4 38.2



#8

Dichlorotetrafluoroethane

Concen: 9.484 ppbv

RT: 2.854 min Scan# 78

Delta R.T. 0.000 min

Lab File: VL041179.D

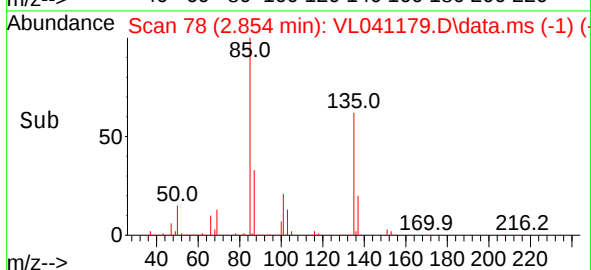
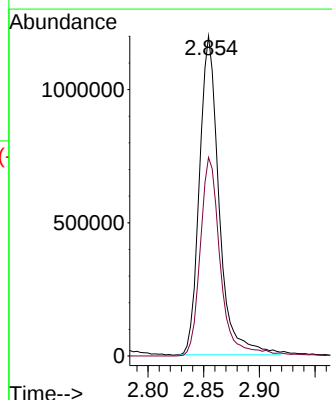
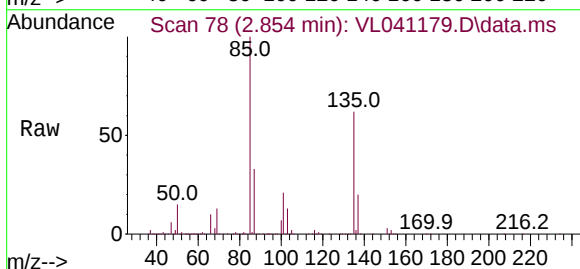
Acq: 29 Apr 2024 11:27

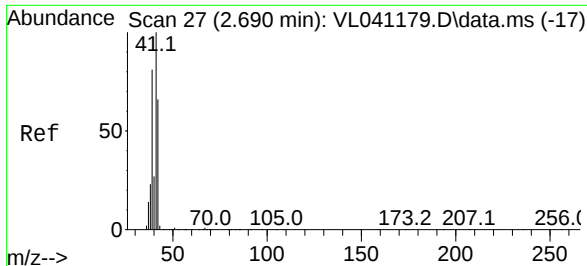
Tgt Ion: 85 Resp: 1473359

Ion Ratio Lower Upper

85 100

135 64.4 51.5 77.3

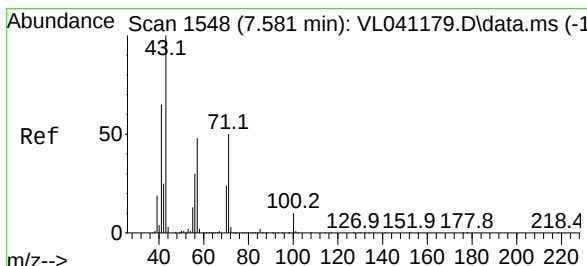
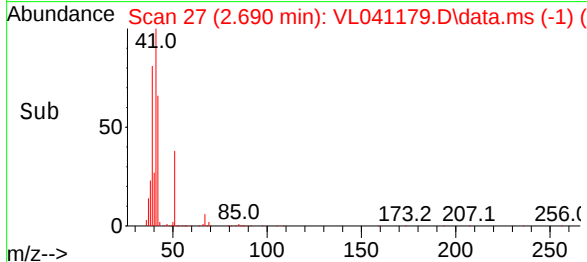
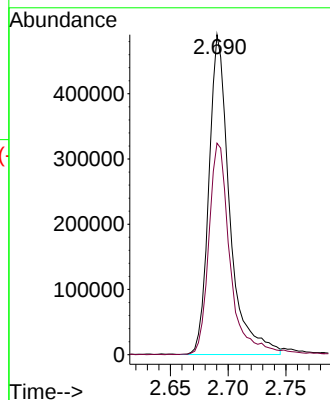
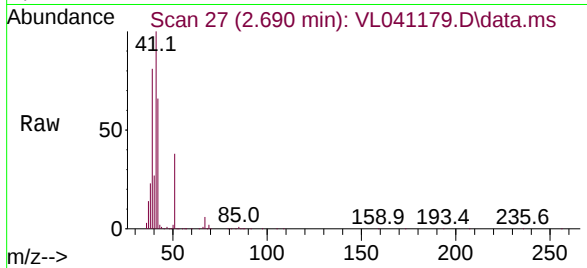




#9
Propene
Concen: 9.256 ppbv
RT: 2.690 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

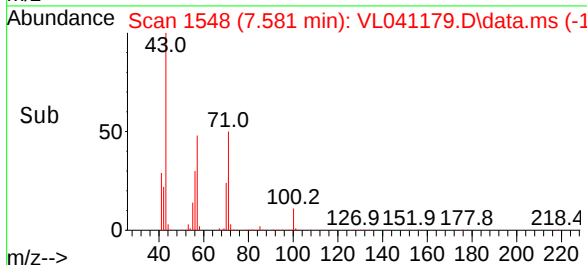
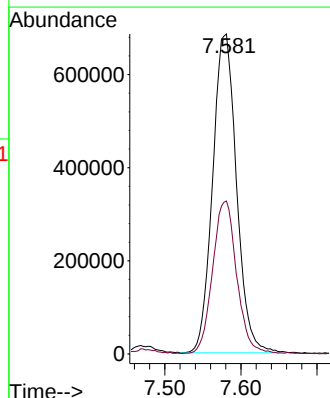
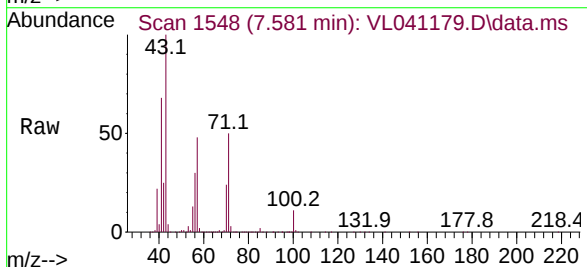
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

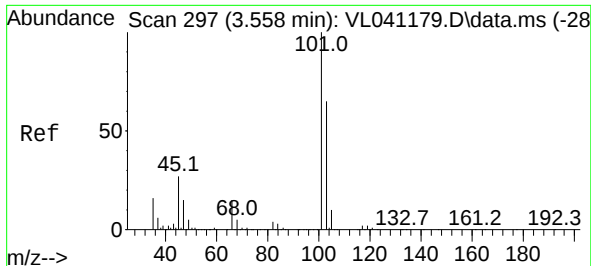
Tgt Ion: 41 Resp: 612278
Ion Ratio Lower Upper
41 100
42 69.1 55.3 82.9



#10
Heptane
Concen: 9.439 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion: 43 Resp: 1494893
Ion Ratio Lower Upper
43 100
57 48.4 38.7 58.1

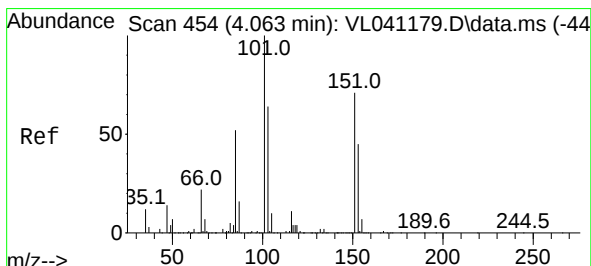
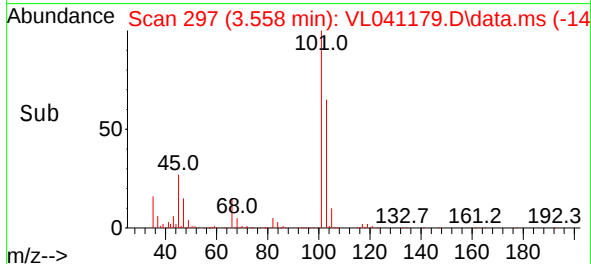
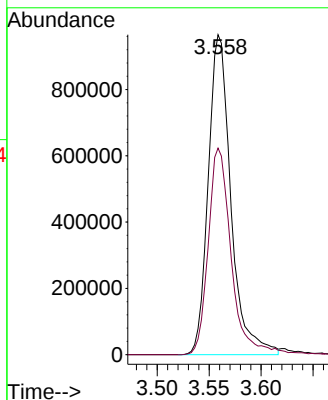
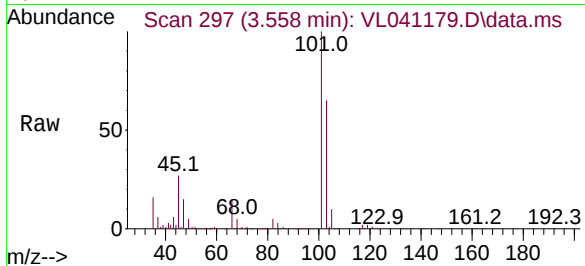




#11
 Trichlorofluoromethane
 Concen: 9.581 ppbv
 RT: 3.558 min Scan# 297
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

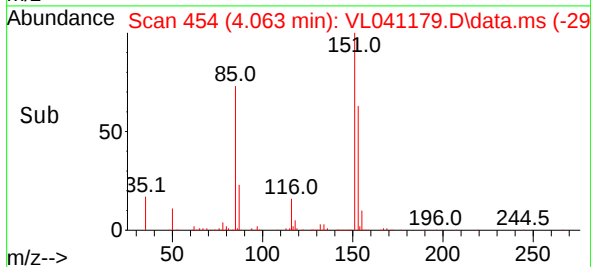
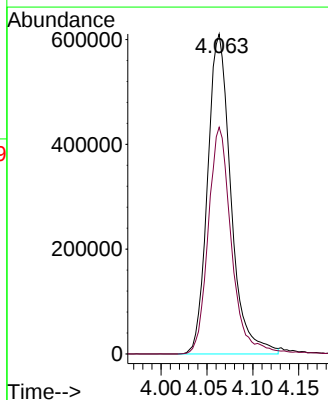
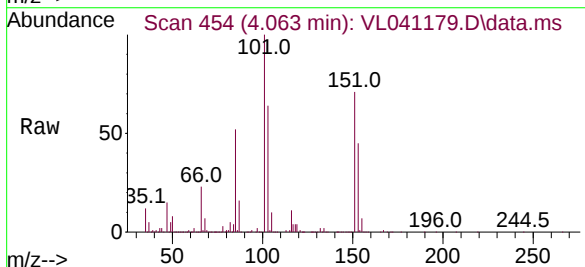
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

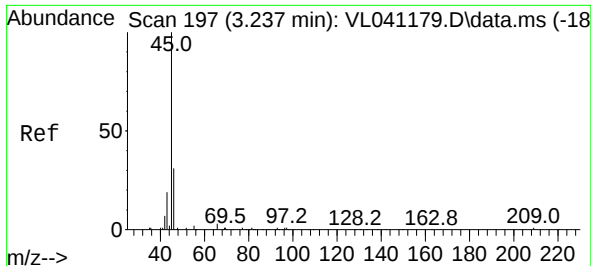
Tgt Ion:101 Resp: 1462629
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.474 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

Tgt Ion:101 Resp: 1080552
 Ion Ratio Lower Upper
 101 100
 151 71.0 56.8 85.2





#13

Ethanol

Concen: 10.525 ppbv

RT: 3.237 min Scan# 197

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

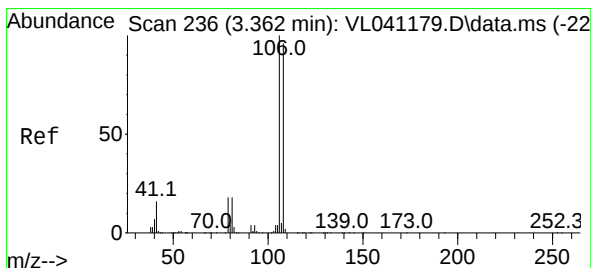
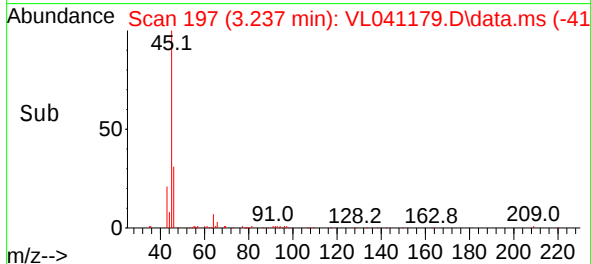
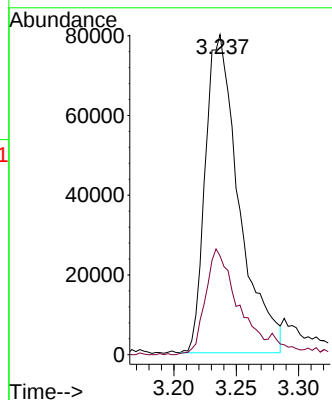
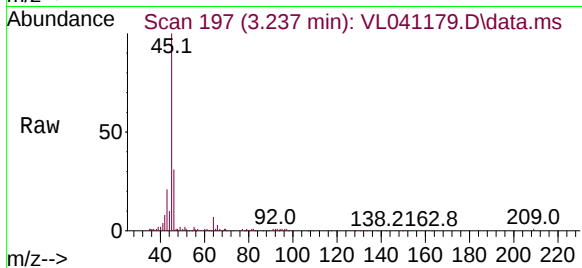
VSTDICCC010

Tgt Ion: 45 Resp: 150371

Ion Ratio Lower Upper

45 100

46 36.9 14.8 59.0



#14

Bromoethene

Concen: 9.399 ppbv

RT: 3.362 min Scan# 236

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

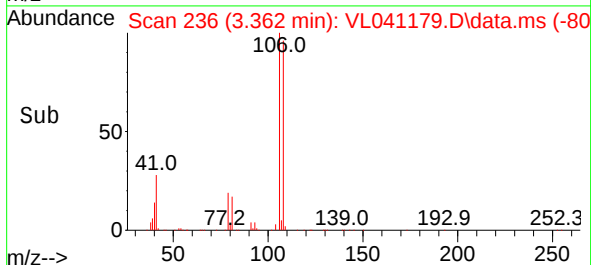
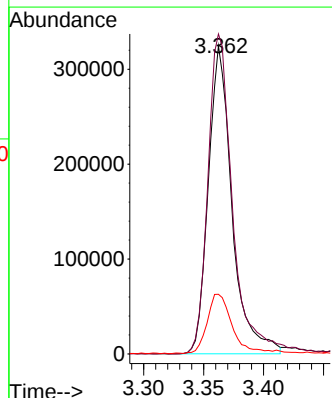
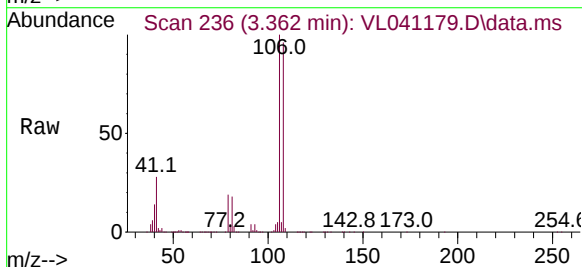
Tgt Ion: 108 Resp: 446546

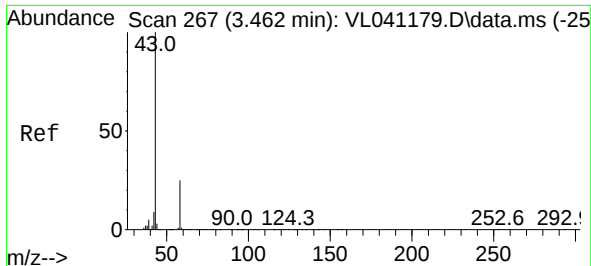
Ion Ratio Lower Upper

108 100

106 110.3 88.2 132.4

79 21.7 17.4 26.0





#15

Acetone

Concen: 8.517 ppbv

RT: 3.462 min Scan# 2

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

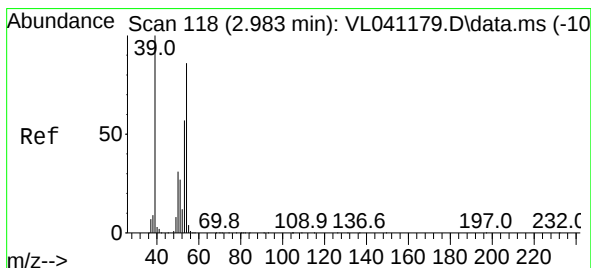
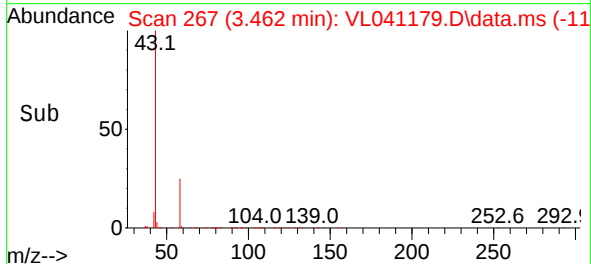
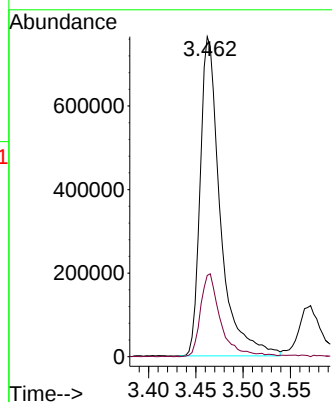
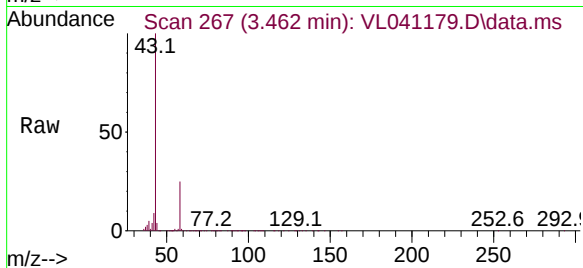
VSTDICCC010

Tgt Ion: 43 Resp: 1130547

Ion Ratio Lower Upper

43 100

58 26.7 21.4 32.0



#16

1,3-Butadiene

Concen: 9.833 ppbv

RT: 2.983 min Scan# 118

Delta R.T. 0.000 min

Lab File: VL041179.D

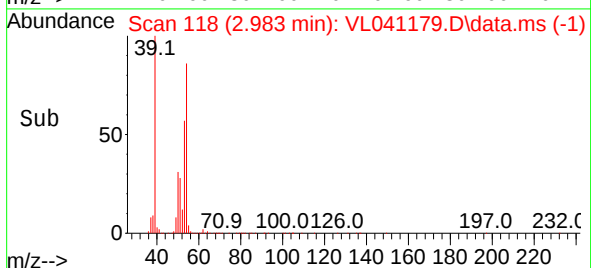
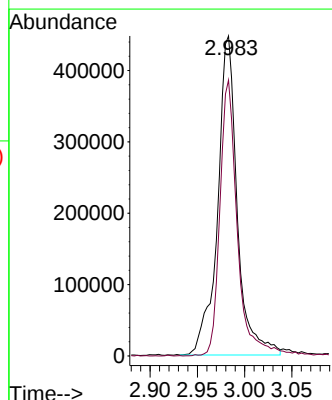
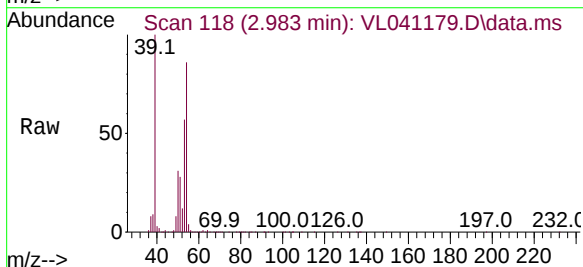
Acq: 29 Apr 2024 11:27

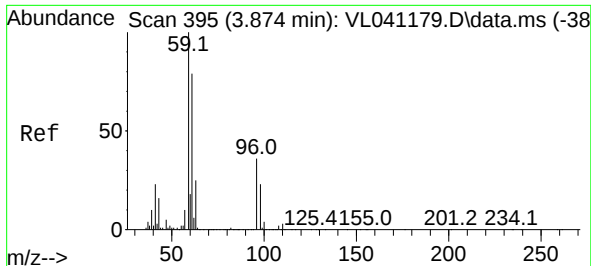
Tgt Ion: 39 Resp: 648785

Ion Ratio Lower Upper

39 100

54 77.8 62.2 93.4





#17

tert-Butyl alcohol

Concen: 10.212 ppbv

RT: 3.874 min Scan# 395

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_1

ClientSampleId :

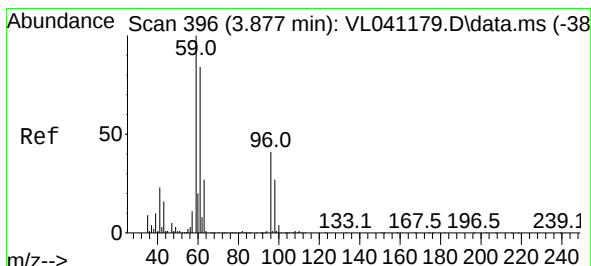
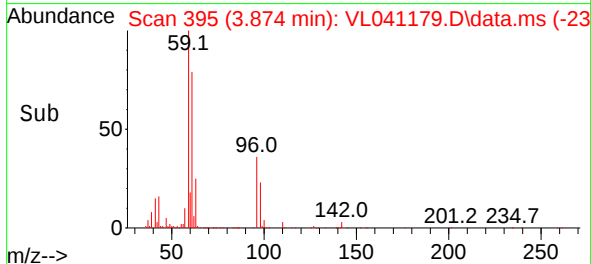
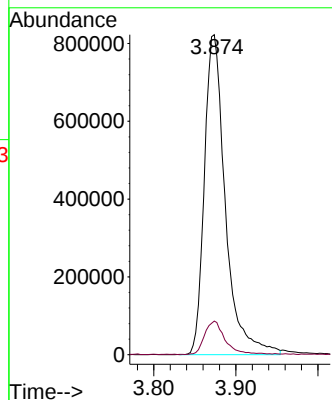
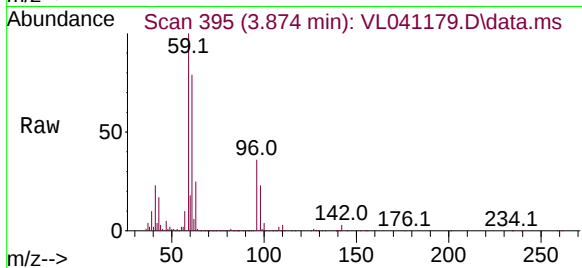
VSTDICCC010

Tgt Ion: 59 Resp: 1465073

Ion Ratio Lower Upper

59 100

57 10.5 8.4 12.6



#18

1,1-Dichloroethene

Concen: 9.335 ppbv

RT: 3.877 min Scan# 396

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

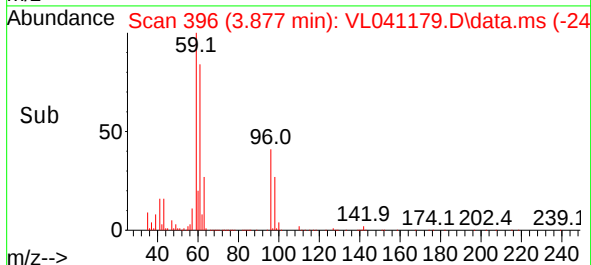
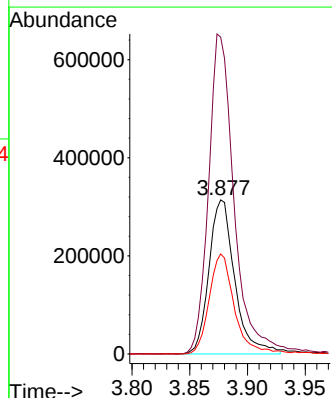
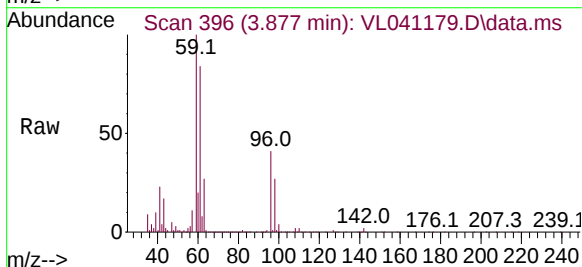
Tgt Ion: 96 Resp: 488404

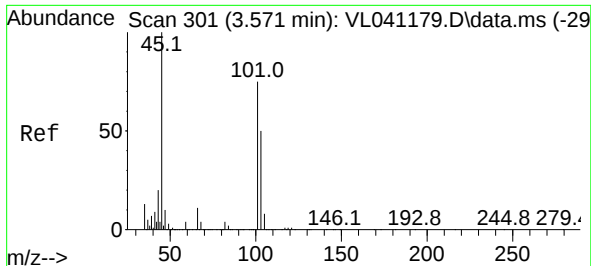
Ion Ratio Lower Upper

96 100

61 205.5 164.4 246.6

98 64.8 51.8 77.8





#19

Isopropyl Alcohol

Concen: 10.436 ppbv

RT: 3.571 min Scan# 301

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

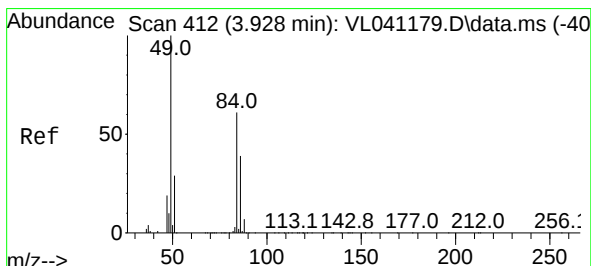
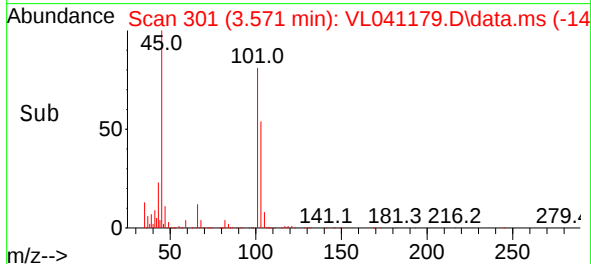
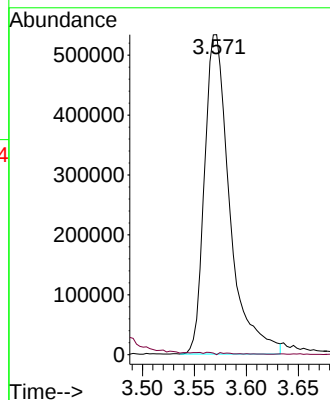
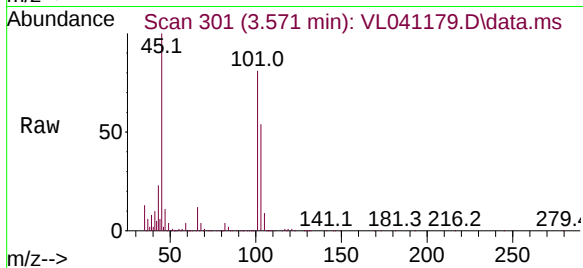
VSTDICCC010

Tgt Ion: 45 Resp: 900488

Ion Ratio Lower Upper

45 100

58 33.5 26.8 40.2



#20

Methylene Chloride

Concen: 8.985 ppbv

RT: 3.928 min Scan# 412

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Tgt Ion: 84 Resp: 414071

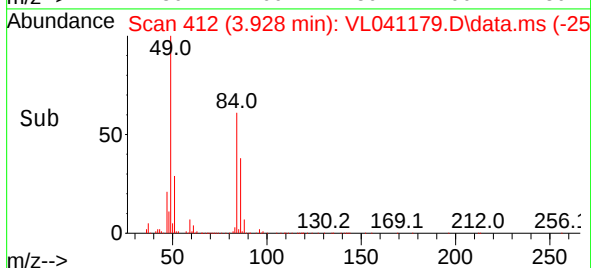
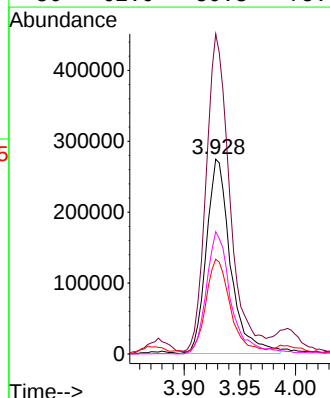
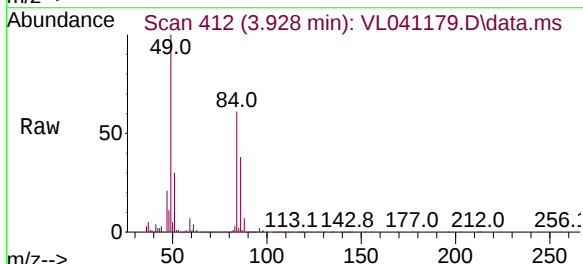
Ion Ratio Lower Upper

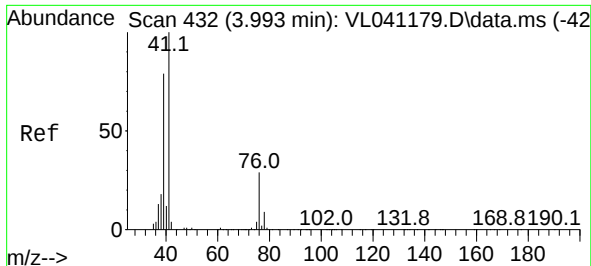
84 100

49 163.0 130.4 195.6

51 47.5 38.0 57.0

86 62.9 50.3 75.5

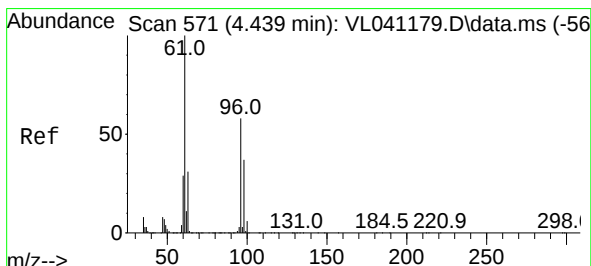
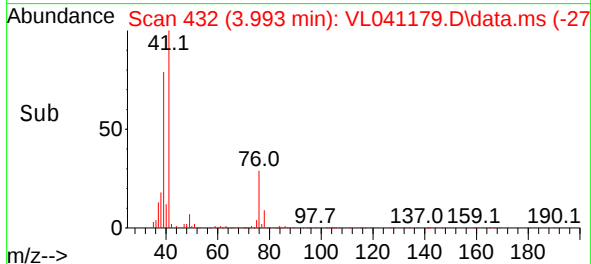
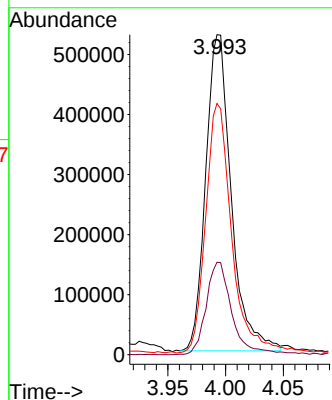
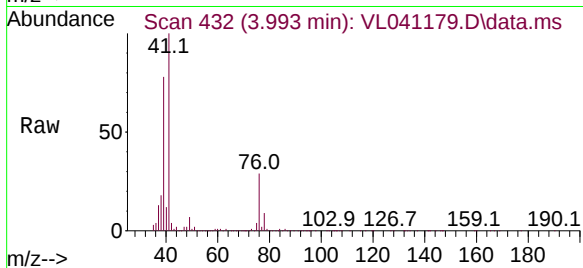




#21
 Allyl Chloride
 Concen: 9.377 ppbv
 RT: 3.993 min Scan# 411
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

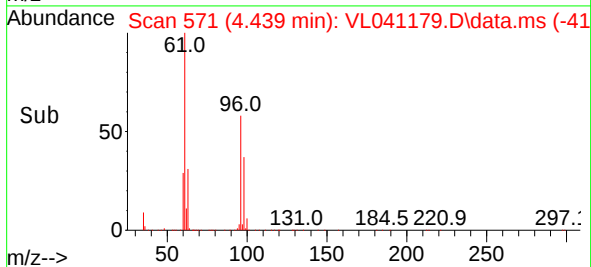
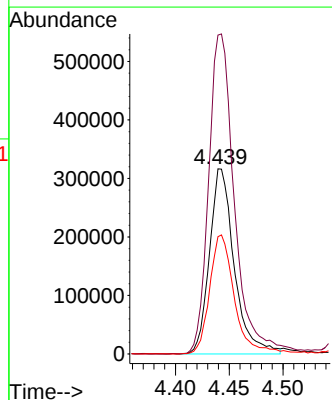
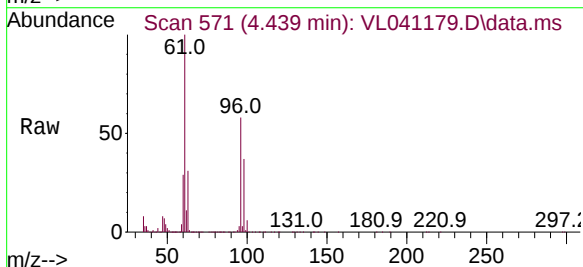
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICCC010

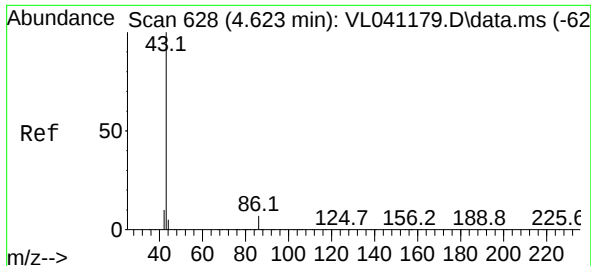
Tgt Ion: 41 Resp: 810802
 Ion Ratio Lower Upper
 41 100
 76 29.6 23.7 35.5
 39 80.9 64.7 97.1



#22
 trans-1,2-Dichloroethene
 Concen: 9.833 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

Tgt Ion: 96 Resp: 507866
 Ion Ratio Lower Upper
 96 100
 61 172.0 137.6 206.4
 98 63.3 50.6 76.0



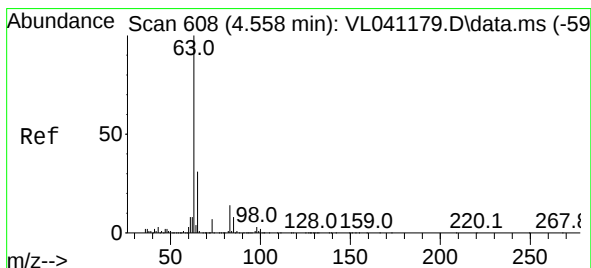
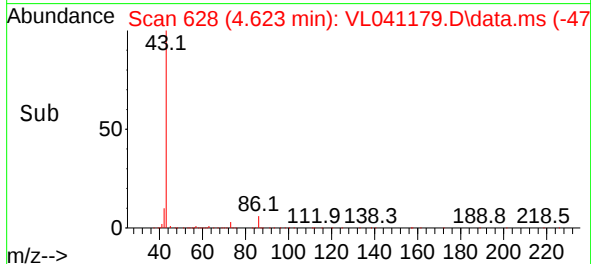
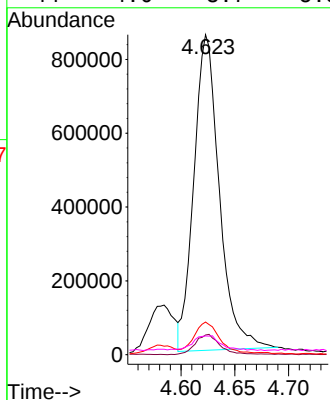
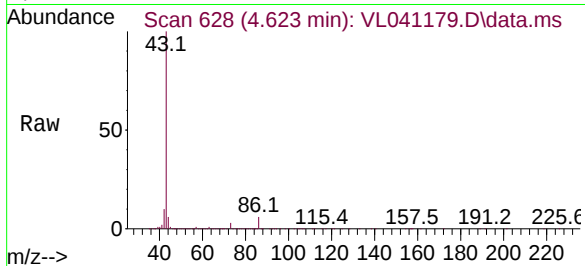


#23
 Vinyl Acetate
 Concen: 9.618 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDICCC010

Tgt Ion: 43 Resp: 1408214

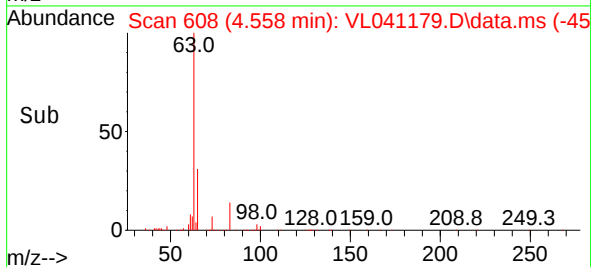
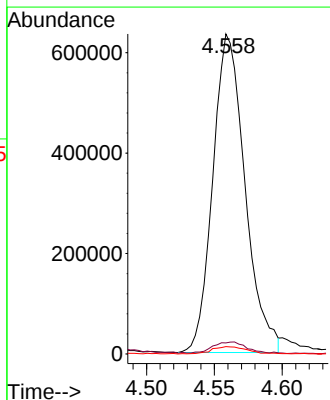
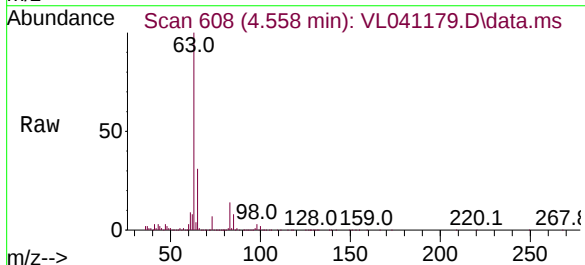
Ion	Ratio	Lower	Upper
43	100		
86	6.1	4.9	7.3
42	10.0	8.0	12.0
44	4.6	3.7	5.5

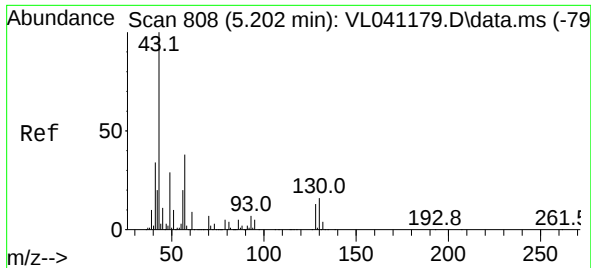


#24
 1,1-Dichloroethane
 Concen: 9.279 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL041179.D
 Acq: 29 Apr 2024 11:27

Tgt Ion: 63 Resp: 1047058

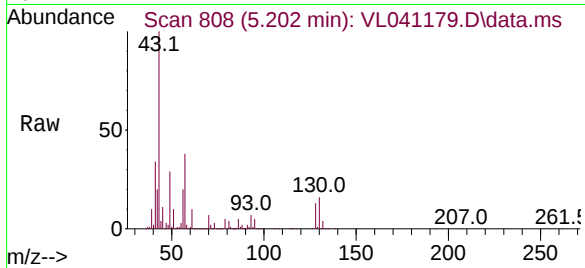
Ion	Ratio	Lower	Upper
63	100		
98	3.2	1.6	4.8
100	2.3	1.1	3.5





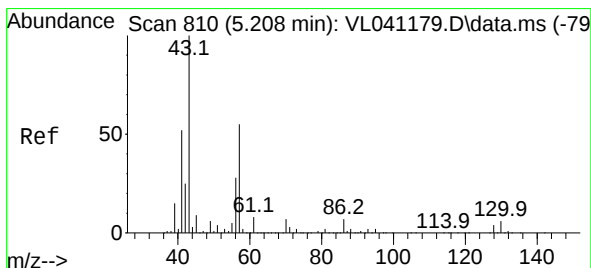
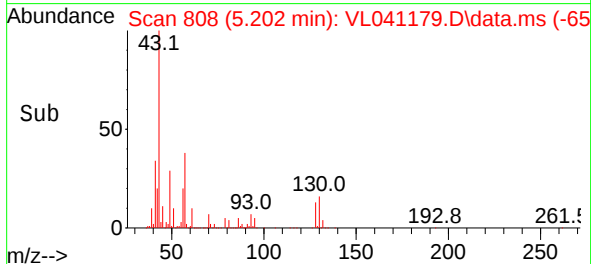
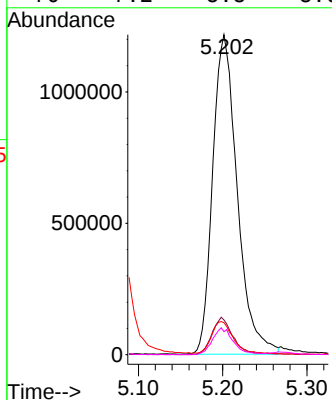
#25
Ethyl Acetate
Concen: 9.447 ppbv
RT: 5.202 min Scan# 808
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010



Tgt Ion: 43 Resp: 2459546

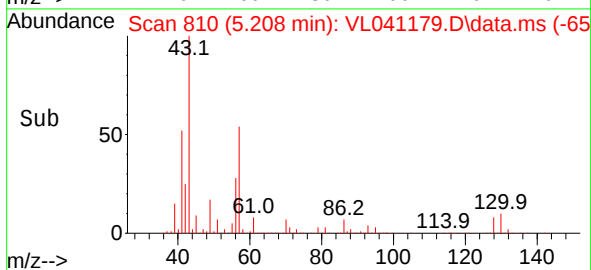
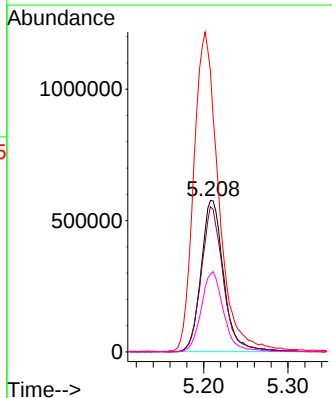
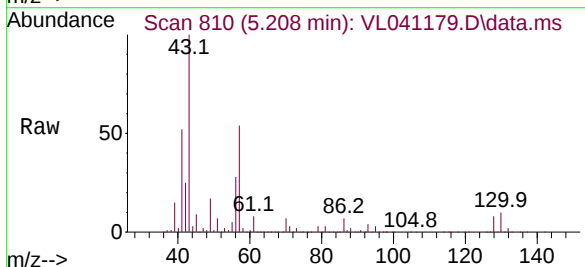
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.2
61	9.6	7.7	11.5
70	7.2	5.8	8.6

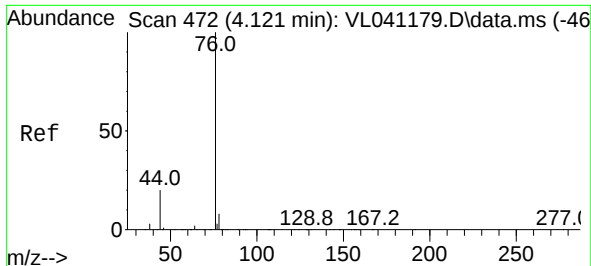


#26
Hexane
Concen: 9.310 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion: 57 Resp: 1072778

Ion	Ratio	Lower	Upper
57	100		
41	94.8	75.8	113.8
43	233.7	187.0	280.4
56	53.4	42.7	64.1

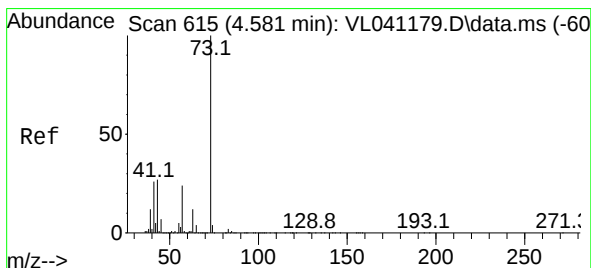
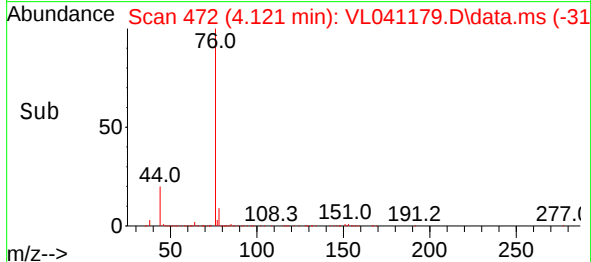
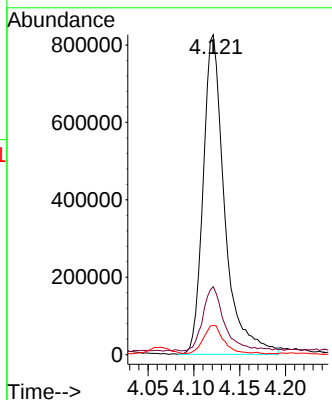
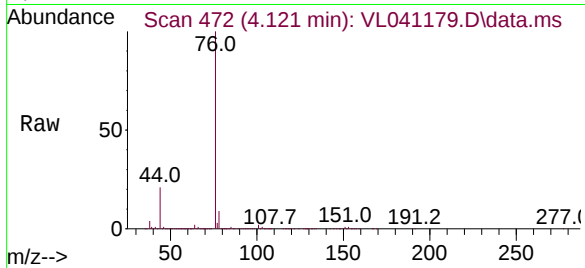




#27
Carbon Disulfide
Concen: 9.875 ppbv
RT: 4.121 min Scan# 472
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

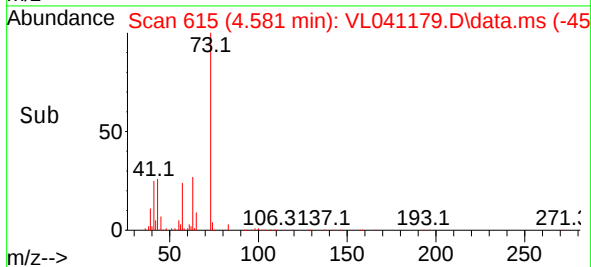
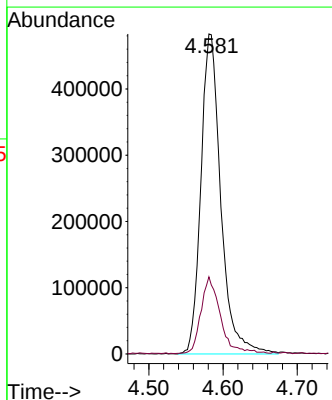
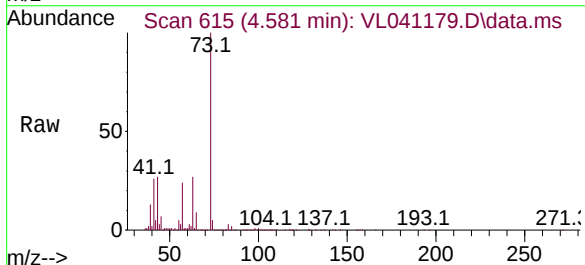
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

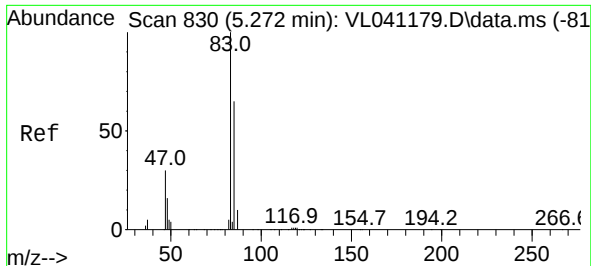
Tgt Ion: 76 Resp: 1349586
Ion Ratio Lower Upper
76 100
44 20.4 16.3 24.5
78 9.1 7.3 10.9



#28
Methyl tert-Butyl Ether
Concen: 9.581 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion: 73 Resp: 898633
Ion Ratio Lower Upper
73 100
57 23.5 18.8 28.2





#29

Chloroform

Concen: 9.479 ppbv

RT: 5.272 min Scan# 830

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

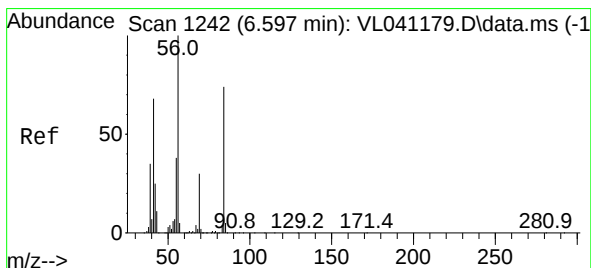
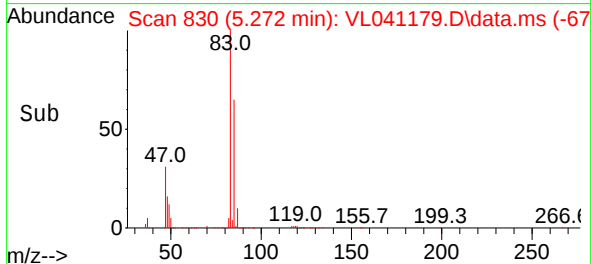
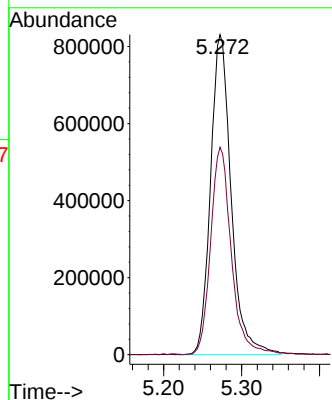
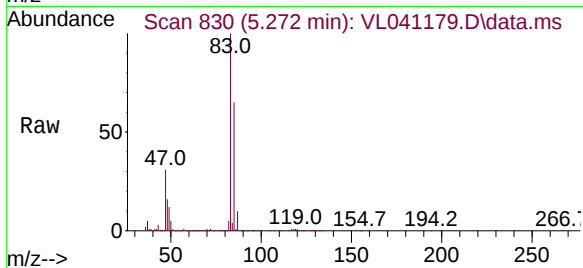
VSTDICCC010

Tgt Ion: 83 Resp: 1524457

Ion Ratio Lower Upper

83 100

85 64.6 51.7 77.5



#30

Cyclohexane

Concen: 9.456 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

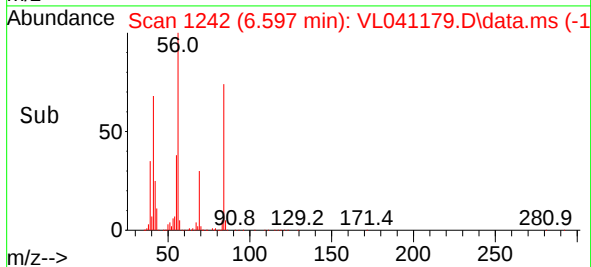
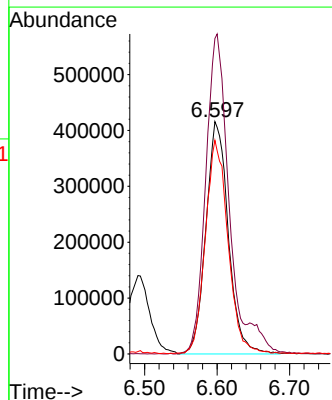
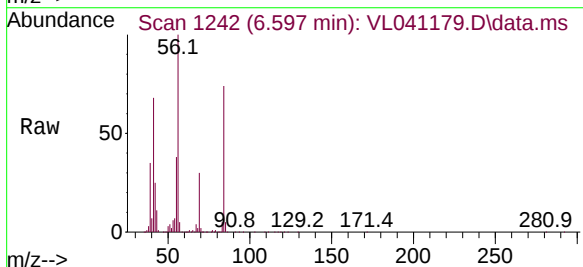
Tgt Ion: 84 Resp: 894175

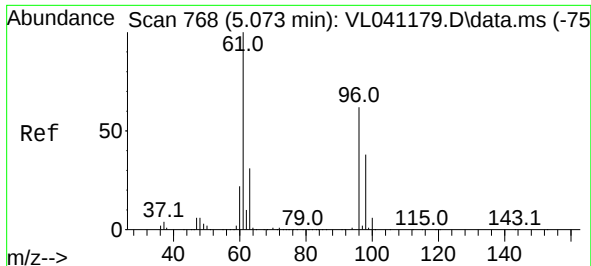
Ion Ratio Lower Upper

84 100

56 146.0 116.8 175.2

41 92.3 73.8 110.8





#31

cis-1,2-Dichloroethene

Concen: 9.570 ppbv

RT: 5.073 min Scan# 768

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

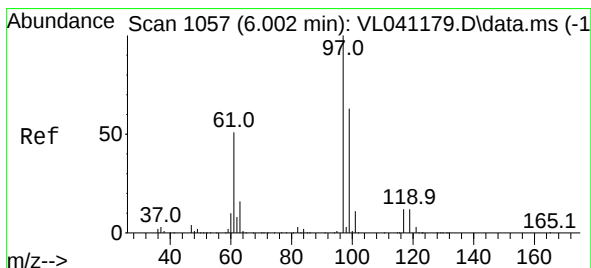
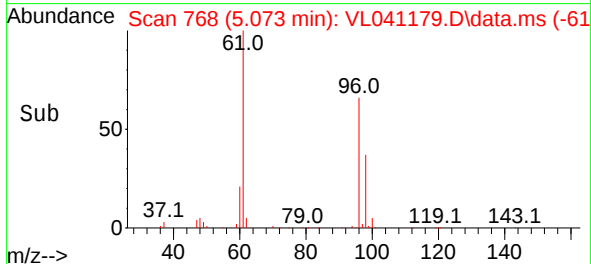
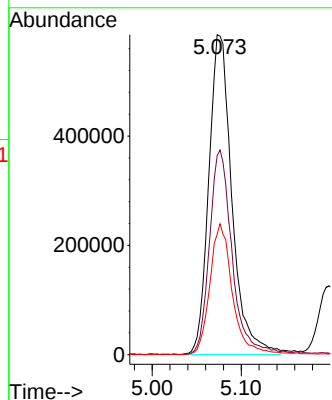
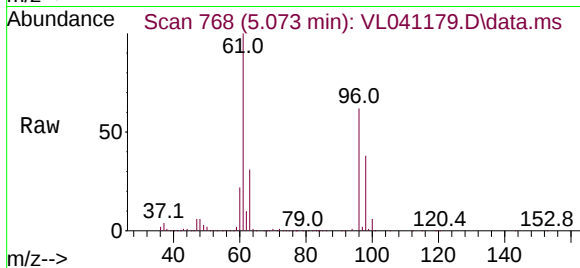
MSVOA_1

ClientSampleId :

VSTDICCC010

Tgt Ion: 61 Resp: 1055873

Ion	Ratio	Lower	Upper
61	100		
96	62.2	49.8	74.6
98	37.5	30.0	45.0



#32

1,1,1-Trichloroethane

Concen: 9.590 ppbv

RT: 6.002 min Scan# 1057

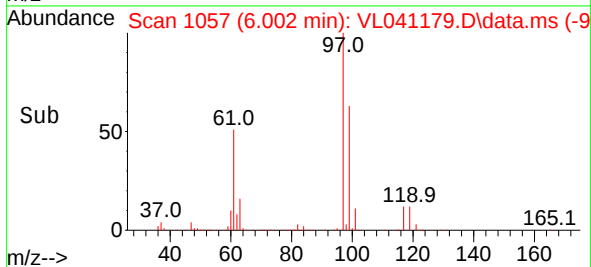
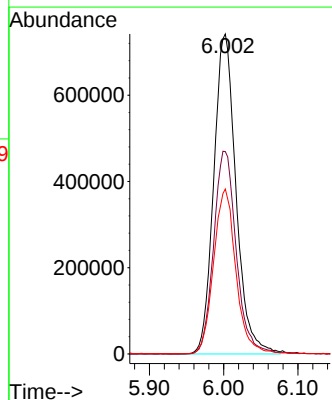
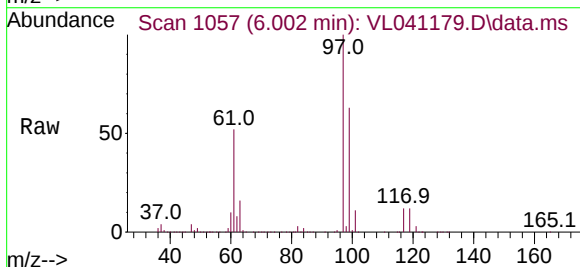
Delta R.T. 0.000 min

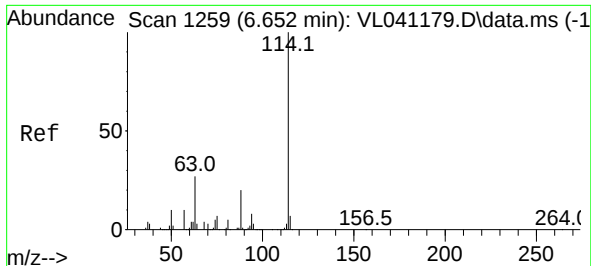
Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Tgt Ion: 97 Resp: 1547693

Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	51.4	41.1	61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

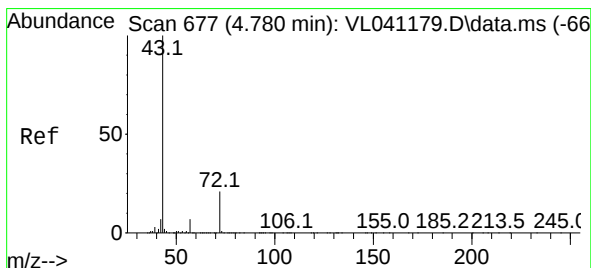
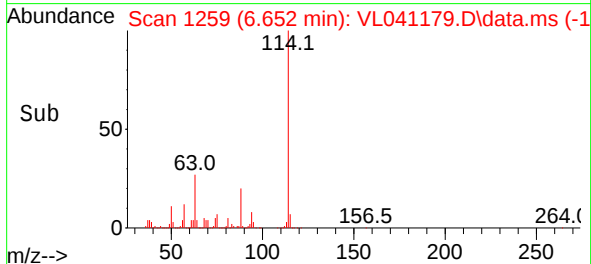
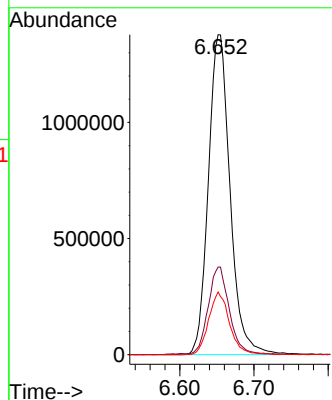
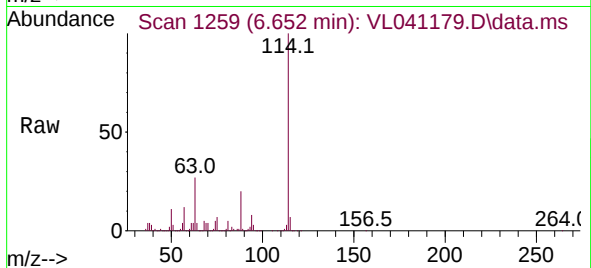
Tgt Ion:114 Resp: 2788075

Ion Ratio Lower Upper

114 100

63 27.2 21.8 32.6

88 19.0 15.2 22.8



#34

2-Butanone

Concen: 9.084 ppbv

RT: 4.780 min Scan# 677

Delta R.T. 0.000 min

Lab File: VL041179.D

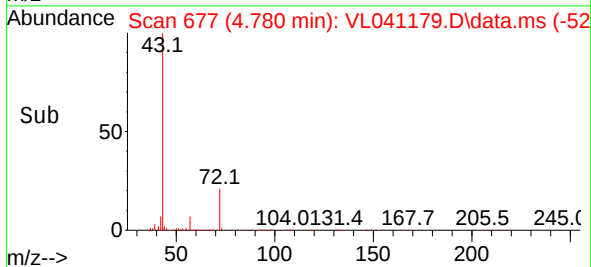
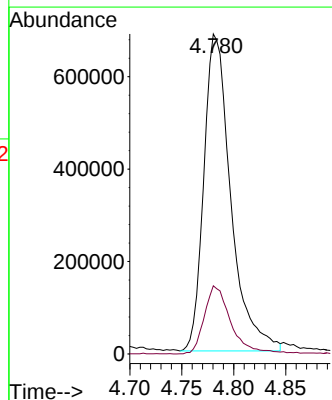
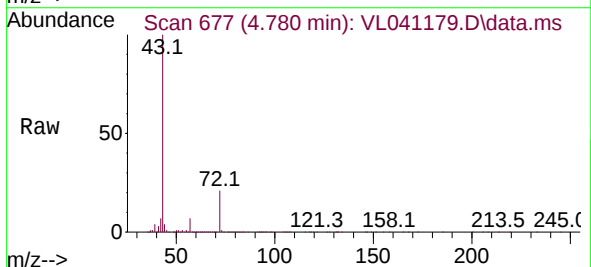
Acq: 29 Apr 2024 11:27

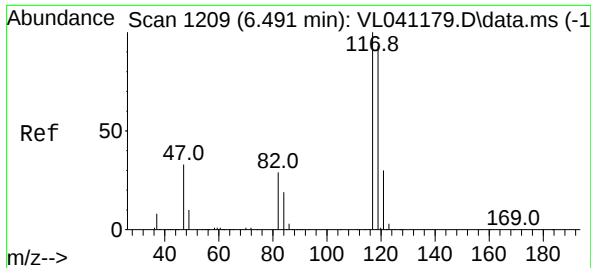
Tgt Ion: 43 Resp: 1239148

Ion Ratio Lower Upper

43 100

72 21.6 17.3 25.9

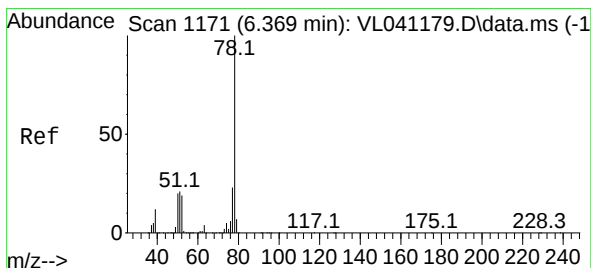
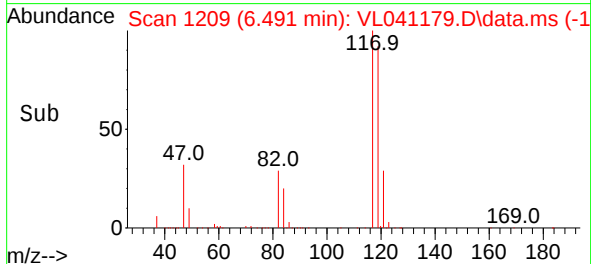
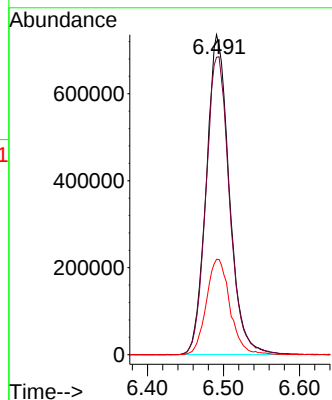
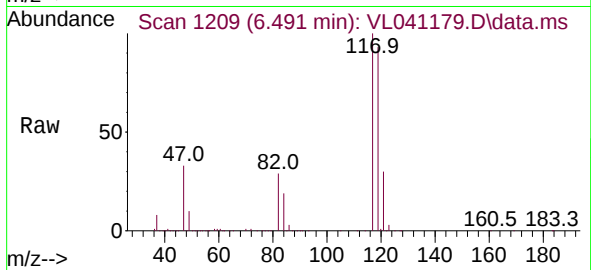




#35
Carbon Tetrachloride
Concen: 9.750 ppbv
RT: 6.491 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

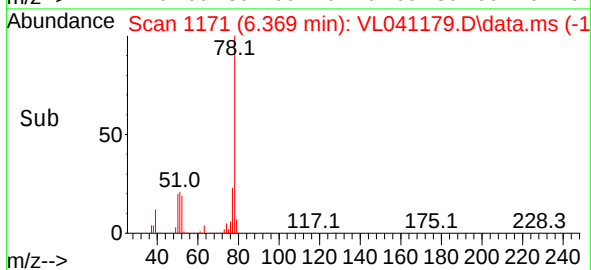
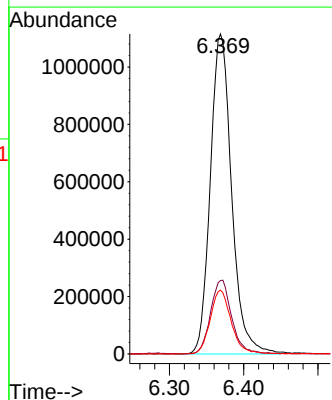
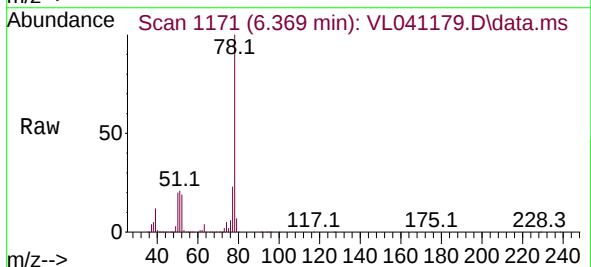
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

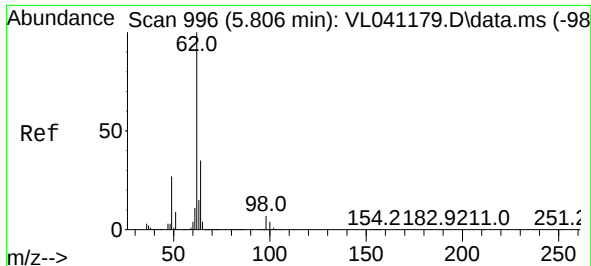
Tgt Ion:117 Resp: 1542679
Ion Ratio Lower Upper
117 100
119 92.9 74.3 111.5
121 29.8 23.8 35.8



#36
Benzene
Concen: 9.469 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion: 78 Resp: 2221090
Ion Ratio Lower Upper
78 100
77 22.9 18.3 27.5
50 19.9 15.9 23.9

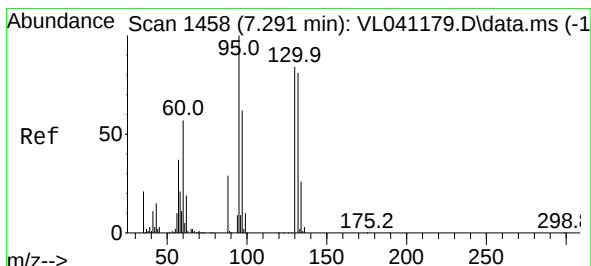
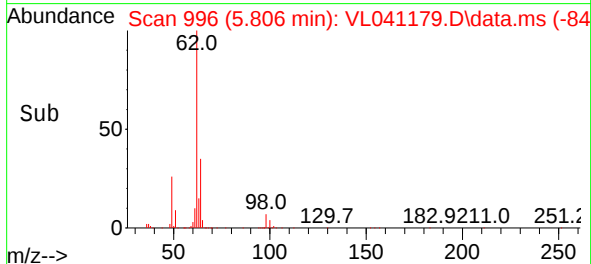
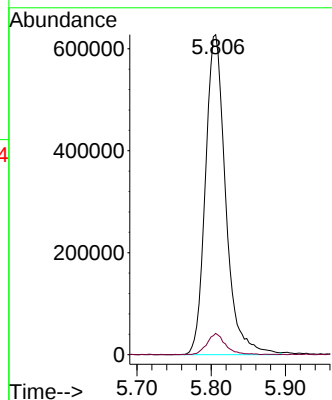
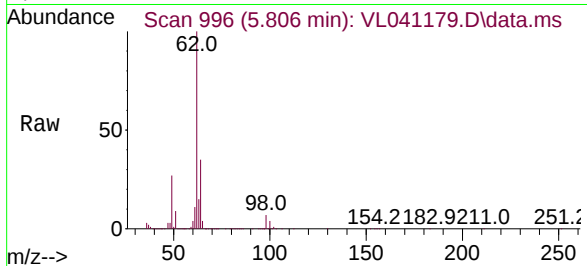




#37
1,2-Dichloroethane
Concen: 9.675 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

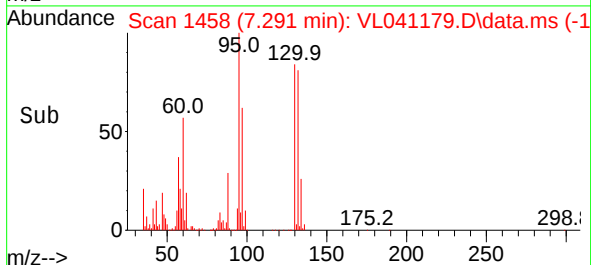
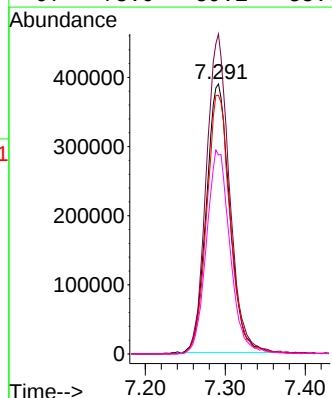
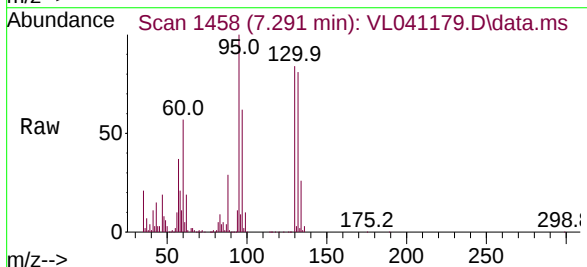
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

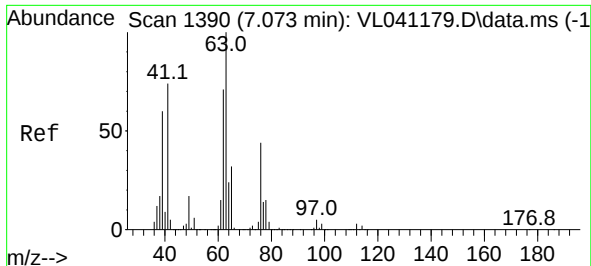
Tgt Ion: 62 Resp: 1187277
Ion Ratio Lower Upper
62 100
98 6.2 5.0 7.4



#38
Trichloroethene
Concen: 8.917 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion:130 Resp: 789647
Ion Ratio Lower Upper
130 100
95 118.8 95.0 142.6
132 96.2 77.0 115.4
97 73.9 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.571 ppbv

RT: 7.073 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

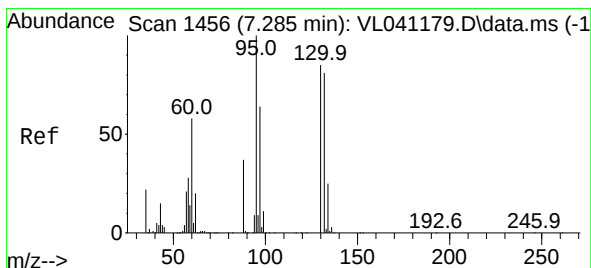
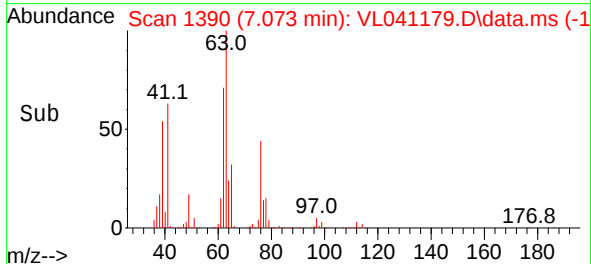
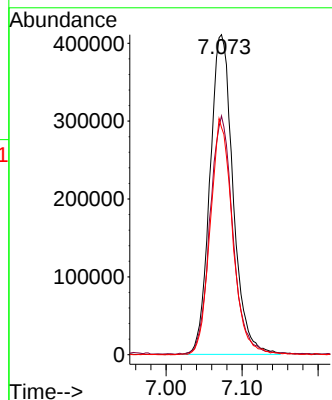
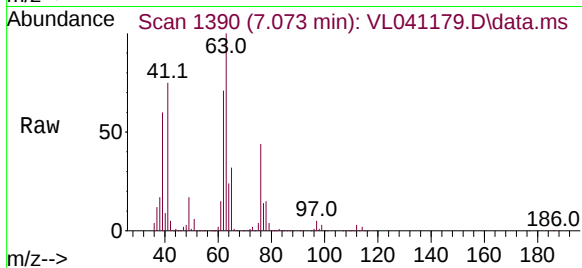
Tgt Ion: 63 Resp: 867244

Ion Ratio Lower Upper

63 100

41 74.2 59.4 89.0

62 71.0 56.8 85.2



#40

1,4-Dioxane

Concen: 10.001 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Tgt Ion: 88 Resp: 323620

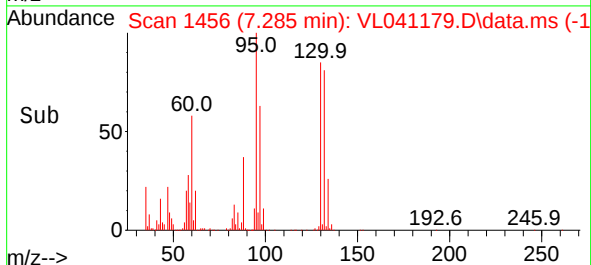
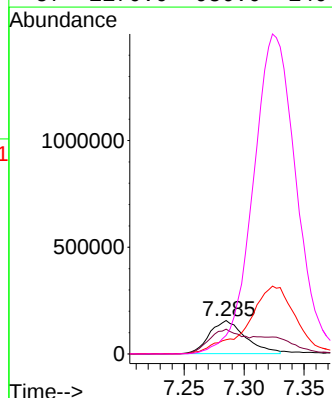
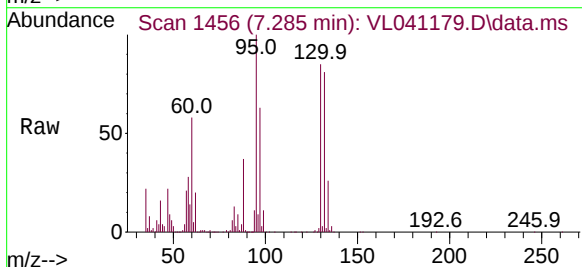
Ion Ratio Lower Upper

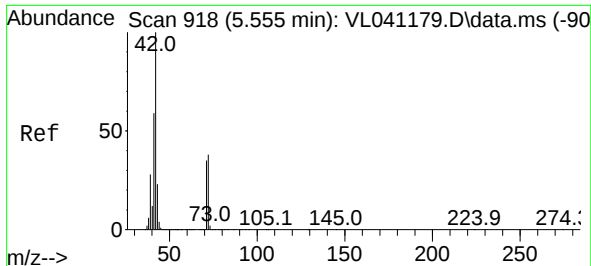
88 100

58 132.6 106.1 159.1

43 274.7 219.8 329.6

57 1170.0 936.0 1404.0





#41

Tetrahydrofuran

Concen: 9.770 ppbv

RT: 5.555 min Scan# 918

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

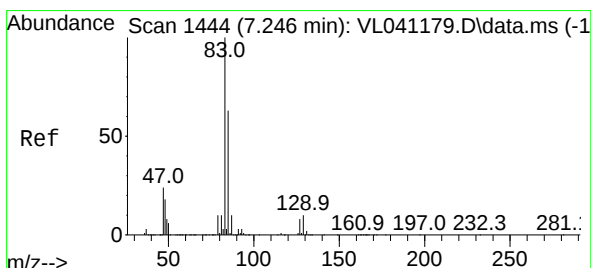
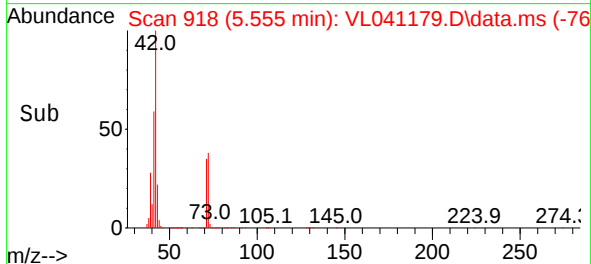
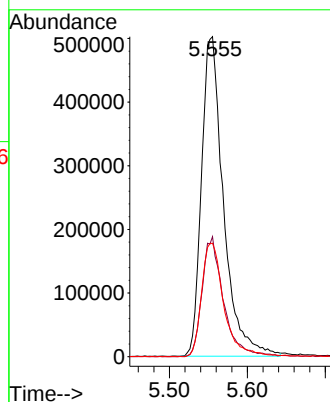
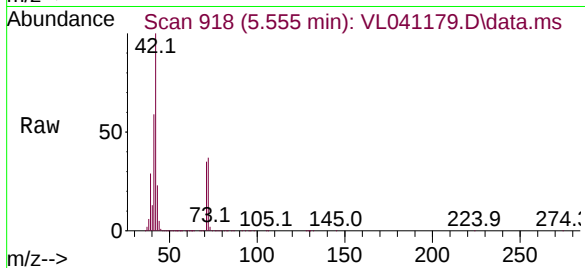
Tgt Ion: 42 Resp: 985365

Ion Ratio Lower Upper

42 100

72 36.7 29.4 44.0

71 36.4 29.1 43.7



#42

Bromodichloromethane

Concen: 9.681 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

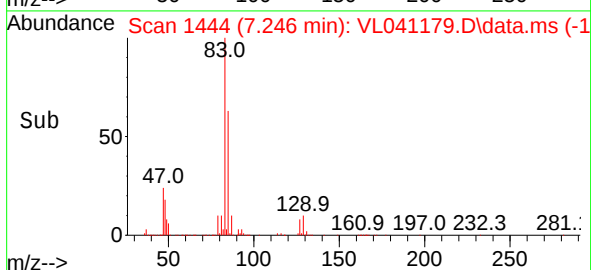
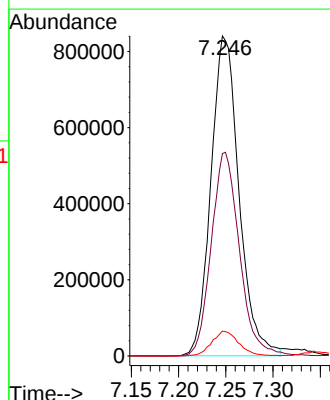
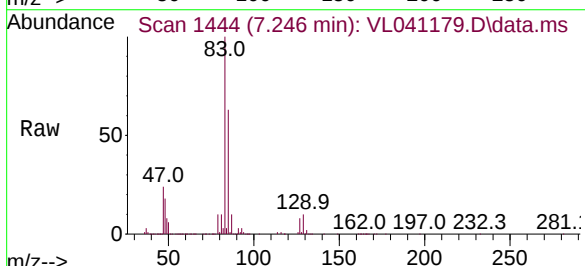
Tgt Ion: 83 Resp: 1734607

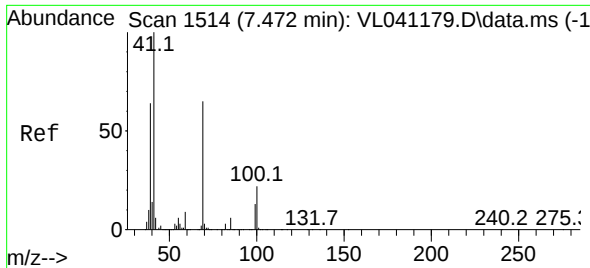
Ion Ratio Lower Upper

83 100

85 63.2 50.6 75.8

127 7.8 6.2 9.4

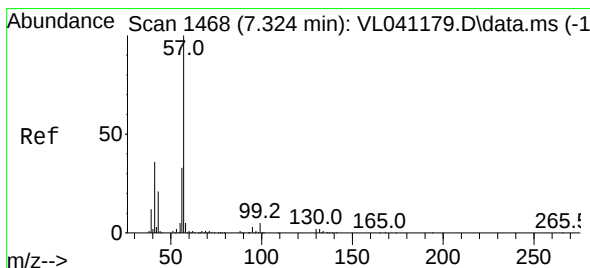
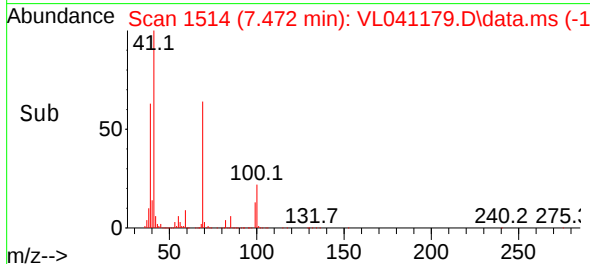
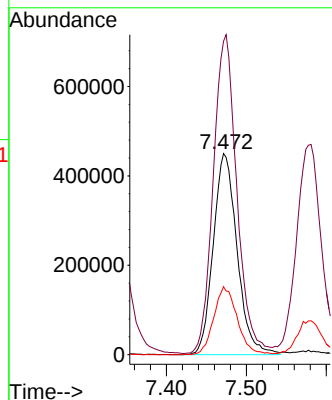
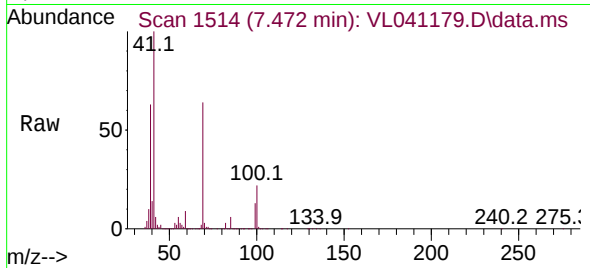




#43
Methyl Methacrylate
Concen: 9.680 ppbv
RT: 7.472 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

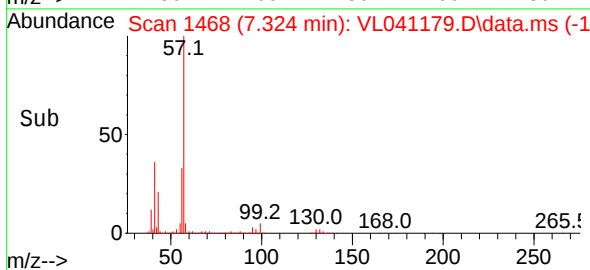
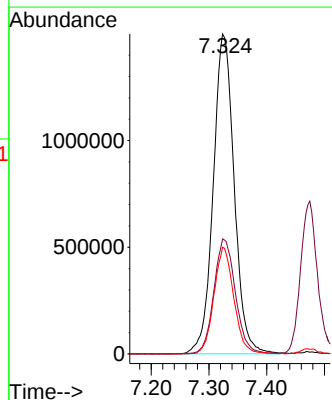
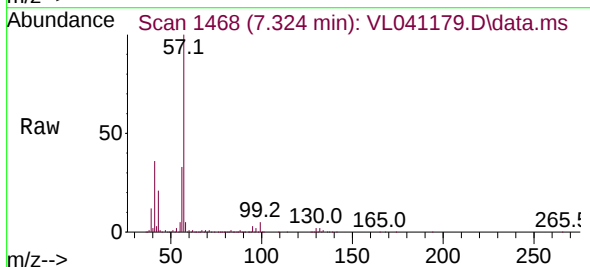
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

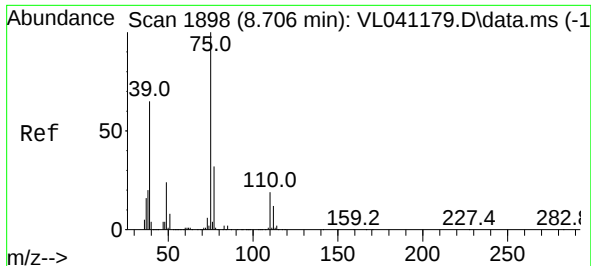
Tgt Ion: 69 Resp: 931637
Ion Ratio Lower Upper
69 100
41 156.5 125.2 187.8
100 33.4 26.7 40.1



#44
2,2,4-Trimethylpentane
Concen: 9.304 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion: 57 Resp: 3777756
Ion Ratio Lower Upper
57 100
41 36.9 29.5 44.3
56 31.6 25.3 37.9





#45

t-1,3-Dichloropropene

Concen: 10.513 ppbv

RT: 8.706 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

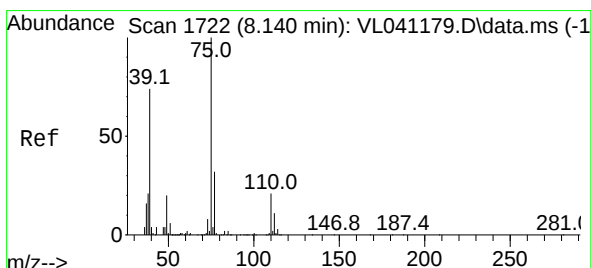
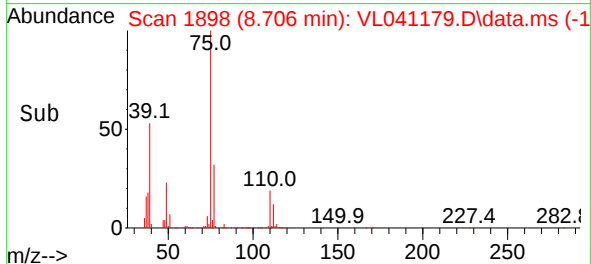
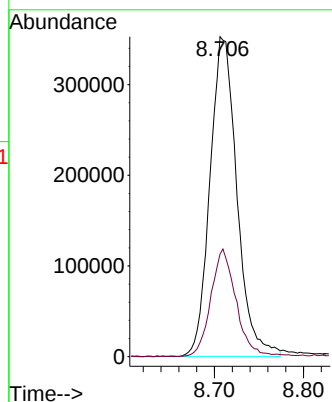
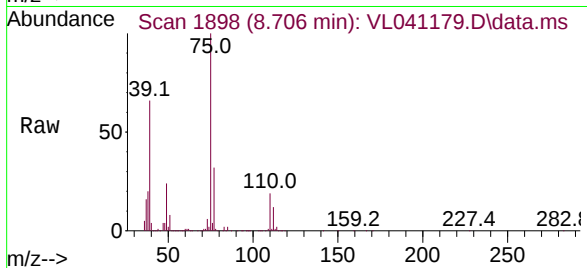
VSTDICCC010

Tgt Ion: 75 Resp: 740808

Ion Ratio Lower Upper

75 100

77 32.0 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 9.830 ppbv

RT: 8.140 min Scan# 1722

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

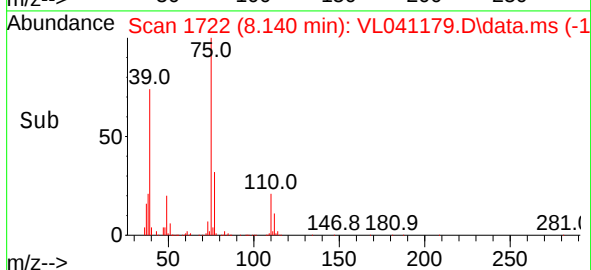
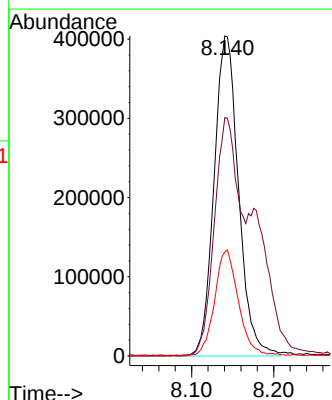
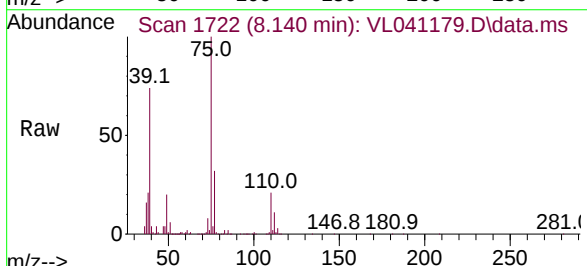
Tgt Ion: 75 Resp: 838573

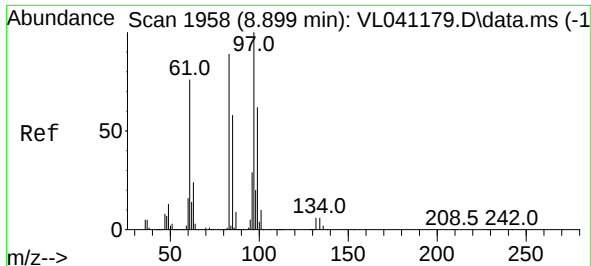
Ion Ratio Lower Upper

75 100

39 74.3 59.4 89.2

77 32.4 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 9.566 ppbv

RT: 8.899 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

Tgt Ion: 97 Resp: 863193

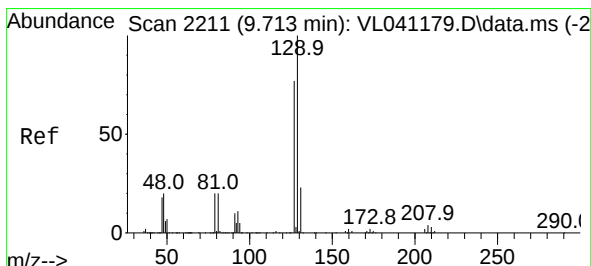
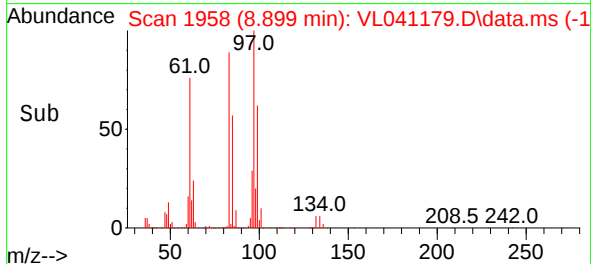
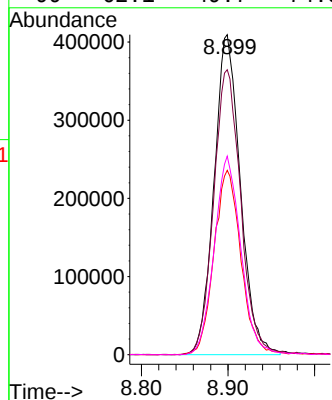
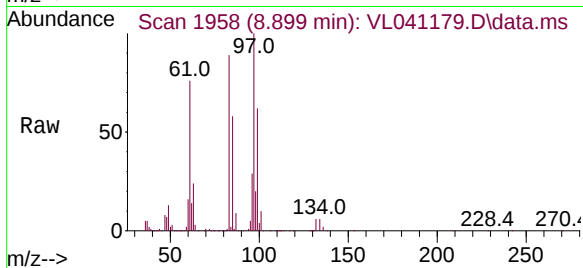
Ion Ratio Lower Upper

97 100

83 89.0 71.2 106.8

85 57.5 46.0 69.0

99 62.1 49.7 74.5



#48

Dibromochloromethane

Concen: 9.914 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. 0.000 min

Lab File: VL041179.D

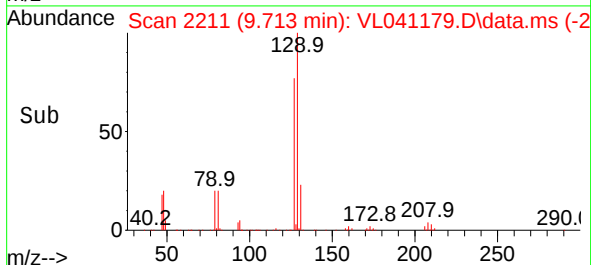
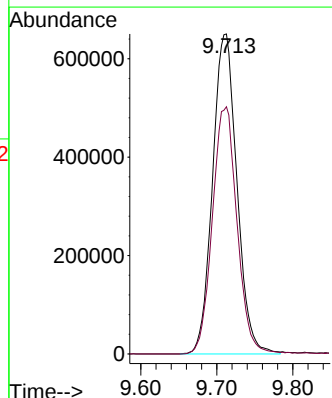
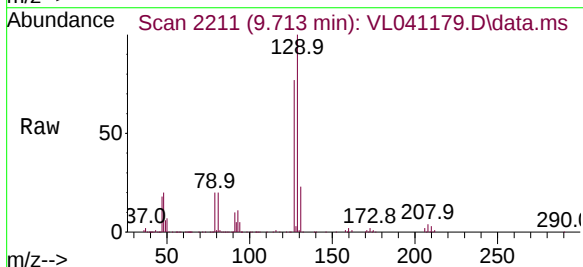
Acq: 29 Apr 2024 11:27

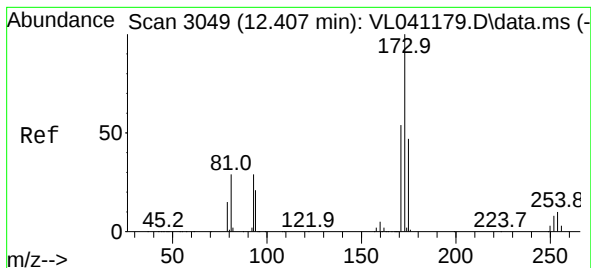
Tgt Ion: 129 Resp: 1446815

Ion Ratio Lower Upper

129 100

127 78.3 39.1 117.5





#49

Bromoform

Concen: 10.037 ppbv

RT: 12.407 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

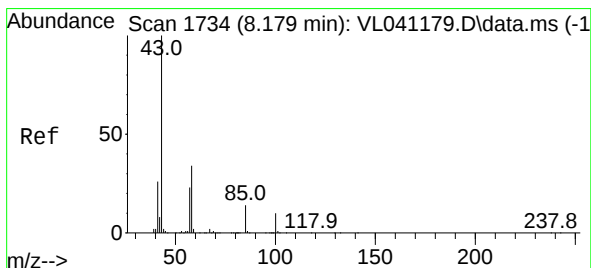
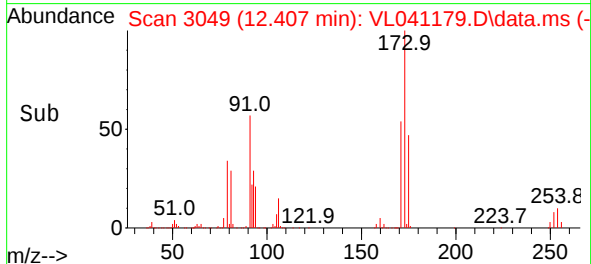
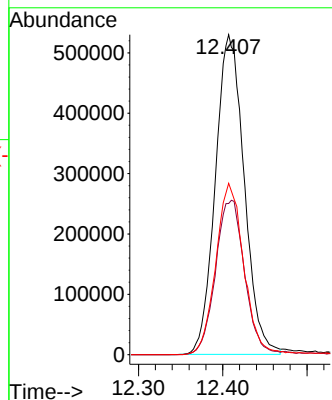
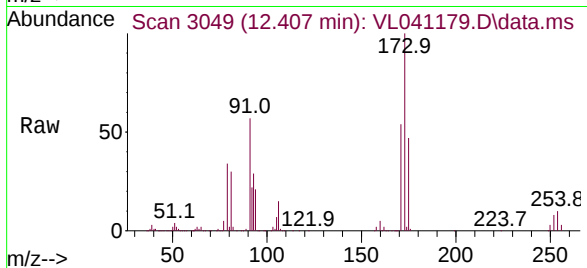
Tgt Ion:173 Resp: 1257751

Ion Ratio Lower Upper

173 100

175 49.8 39.8 59.8

171 52.3 41.8 62.8



#50

4-Methyl-2-Pentanone

Concen: 9.297 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VL041179.D

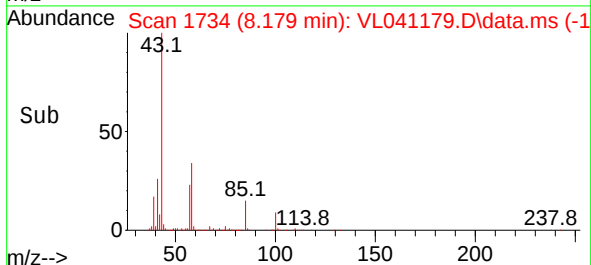
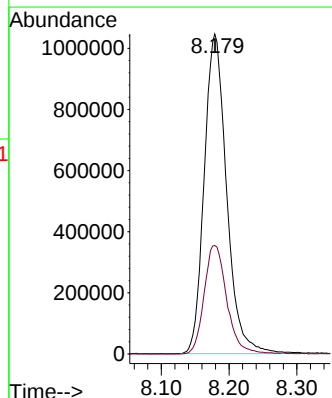
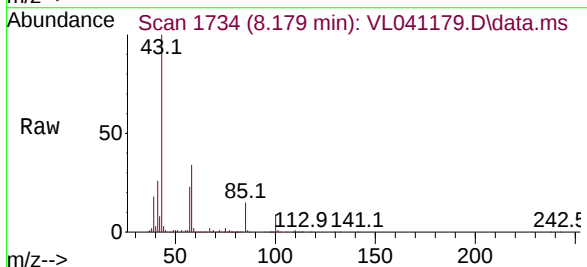
Acq: 29 Apr 2024 11:27

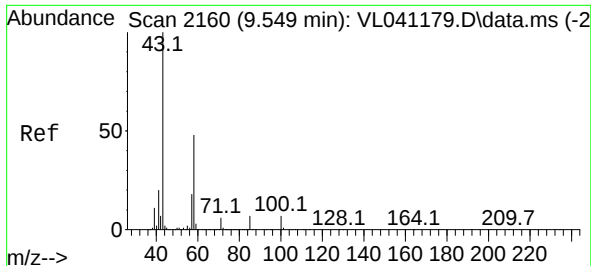
Tgt Ion: 43 Resp: 2394160

Ion Ratio Lower Upper

43 100

58 34.6 27.7 41.5

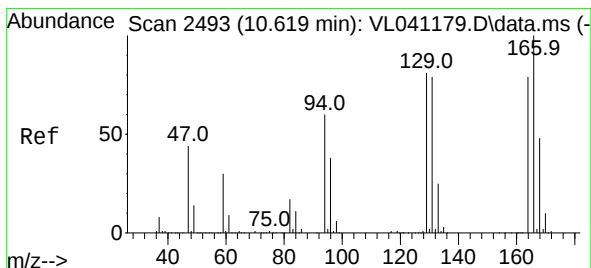
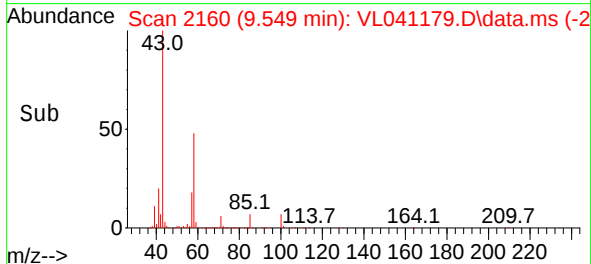
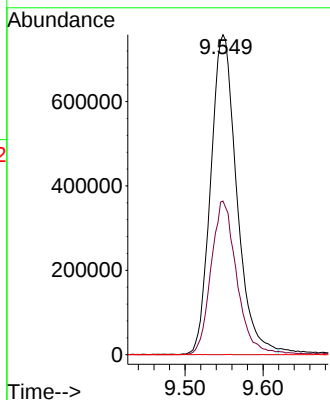
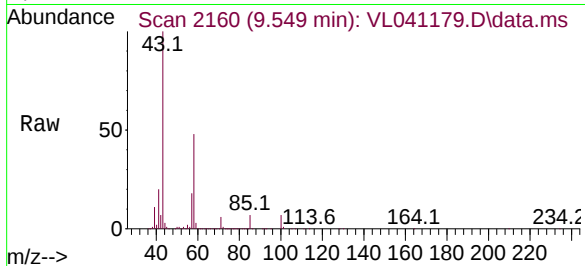




#51
2-Hexanone
Concen: 9.369 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

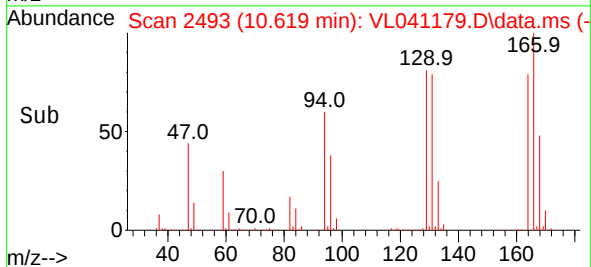
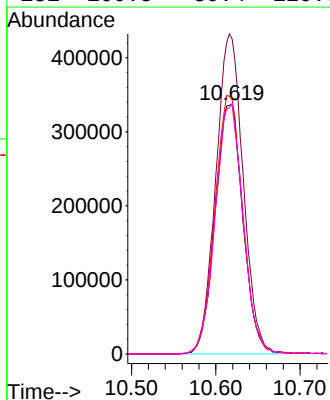
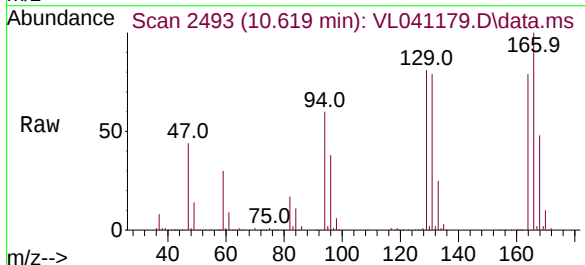
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

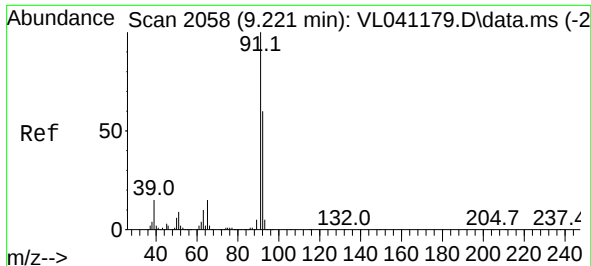
Tgt Ion: 43 Resp: 1756610
Ion Ratio Lower Upper
43 100
58 48.0 38.4 57.6
98 0.0 0.0 0.0#



#52
Tetrachloroethene
Concen: 9.346 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion:164 Resp: 772346
Ion Ratio Lower Upper
164 100
166 126.4 101.1 151.7
129 102.1 81.7 122.5
131 100.5 80.4 120.6





#53

Toluene

Concen: 9.406 ppbv

RT: 9.221 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

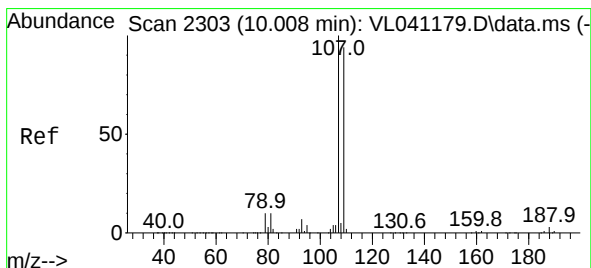
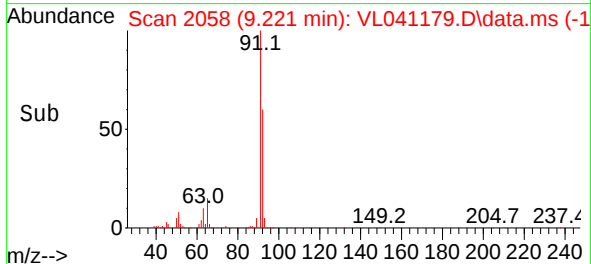
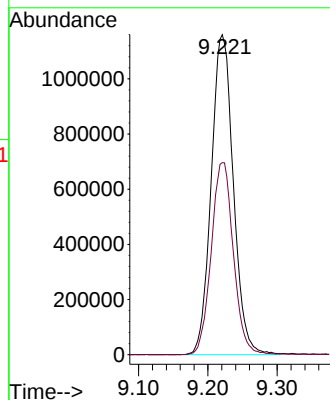
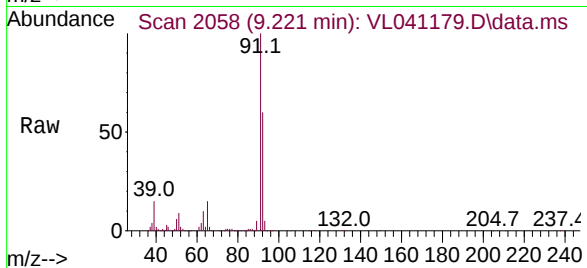
VSTDICCC010

Tgt Ion: 91 Resp: 2572231

Ion Ratio Lower Upper

91 100

92 60.3 48.2 72.4



#54

1,2-Dibromoethane

Concen: 9.753 ppbv

RT: 10.008 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VL041179.D

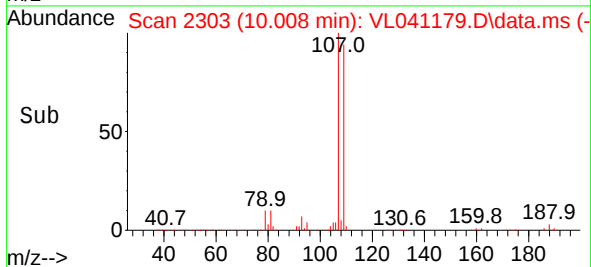
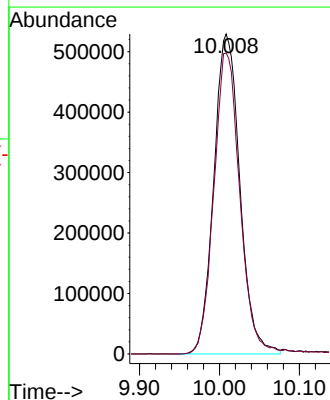
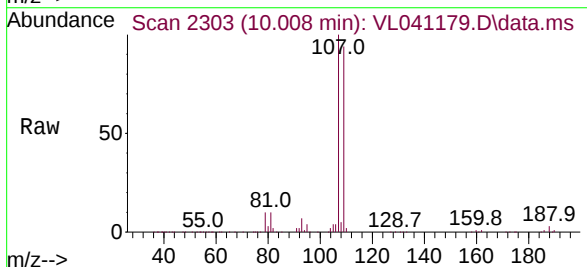
Acq: 29 Apr 2024 11:27

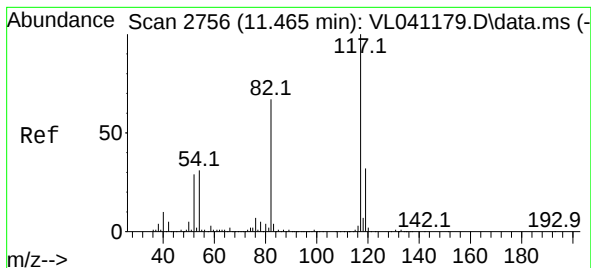
Tgt Ion:107 Resp: 1195937

Ion Ratio Lower Upper

107 100

109 94.0 75.2 112.8

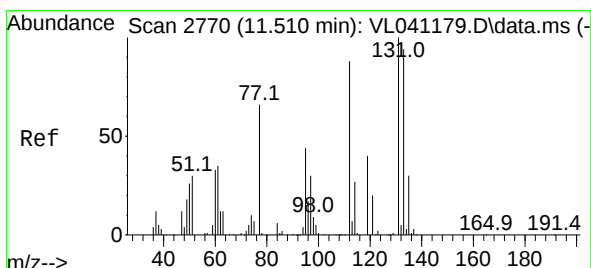
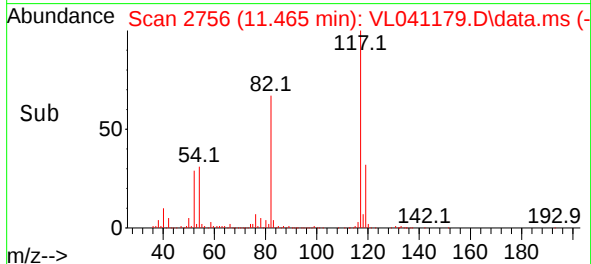
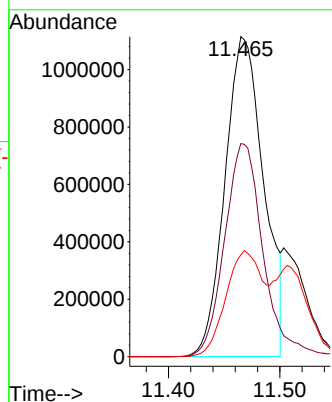
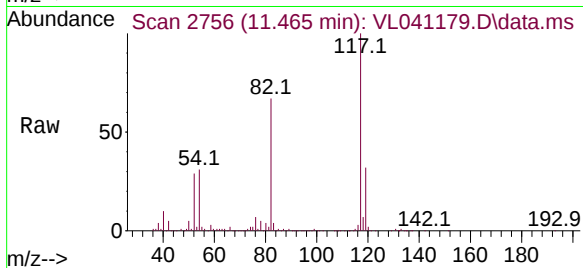




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

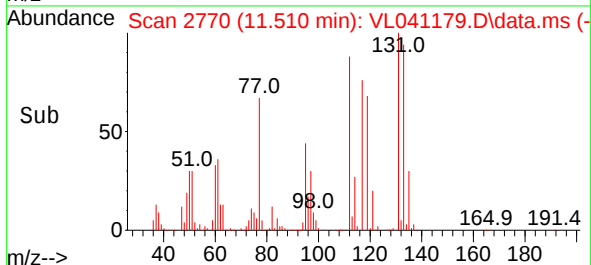
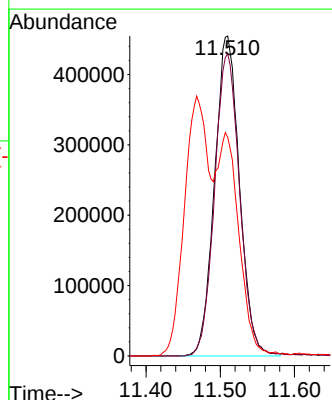
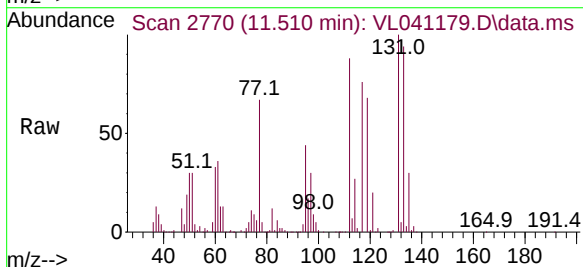
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

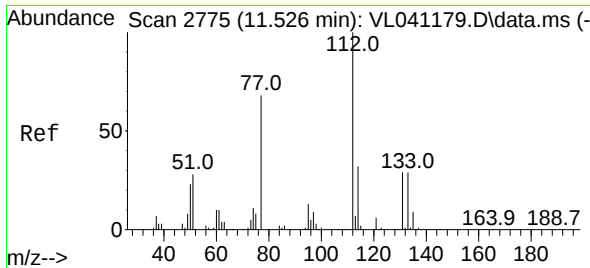
Tgt Ion:117 Resp: 2693672
Ion Ratio Lower Upper
117 100
82 67.0 53.6 80.4
119 34.0 27.2 40.8



#56
1,1,1,2-Tetrachloroethane
Concen: 9.503 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion:131 Resp: 1059887
Ion Ratio Lower Upper
131 100
133 95.4 76.3 114.5
119 61.8 49.4 74.2

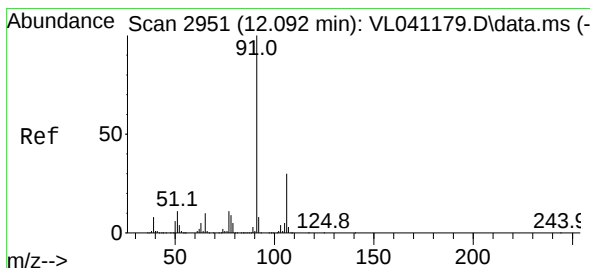
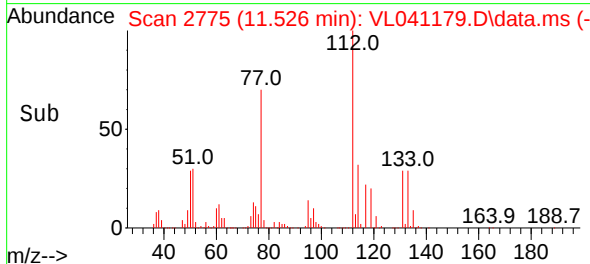
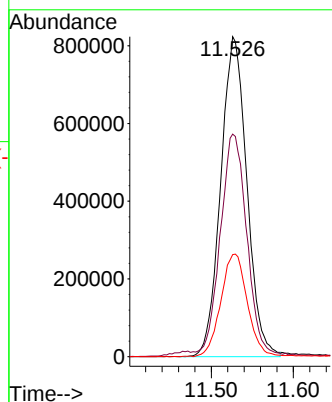
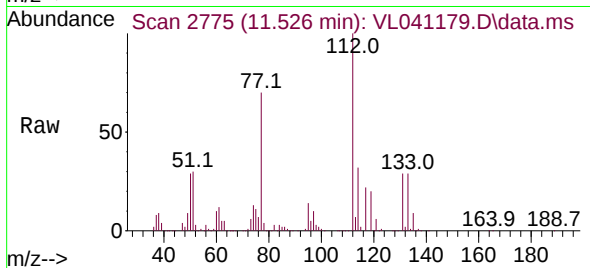




#57
Chlorobenzene
Concen: 9.267 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

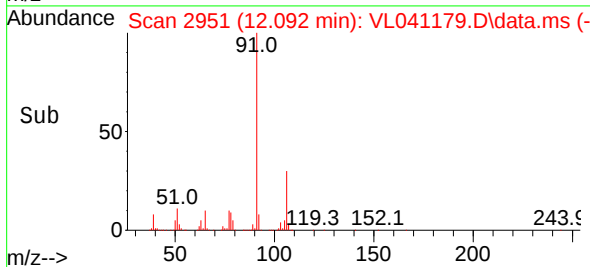
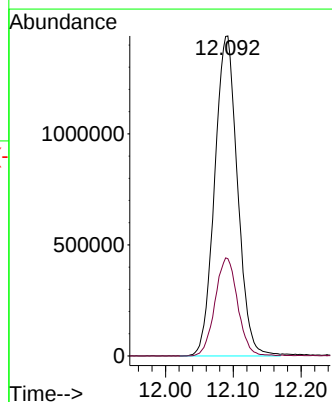
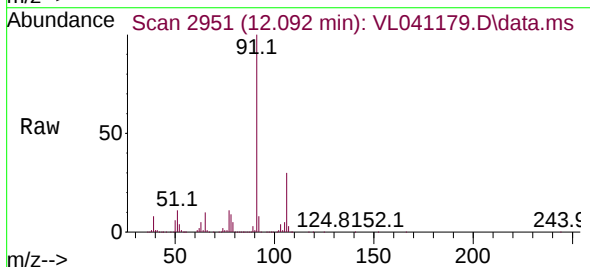
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

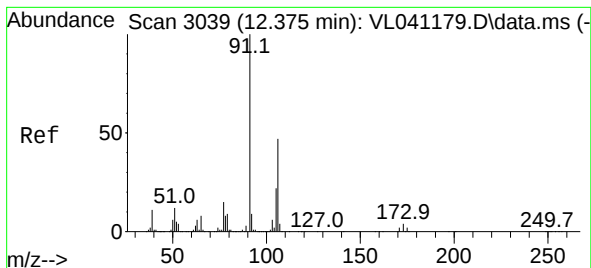
Tgt Ion:112 Resp: 1825680
Ion Ratio Lower Upper
112 100
77 68.6 54.9 82.3
114 31.9 28.7 35.1



#58
Ethyl Benzene
Concen: 9.099 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion: 91 Resp: 3375786
Ion Ratio Lower Upper
91 100
106 30.4 24.3 36.5

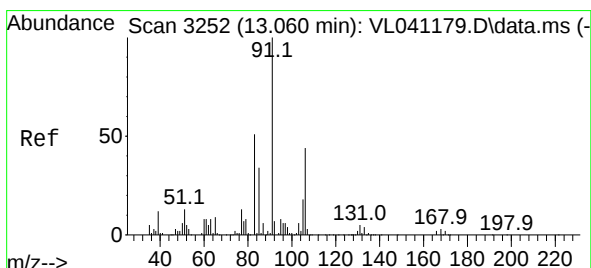
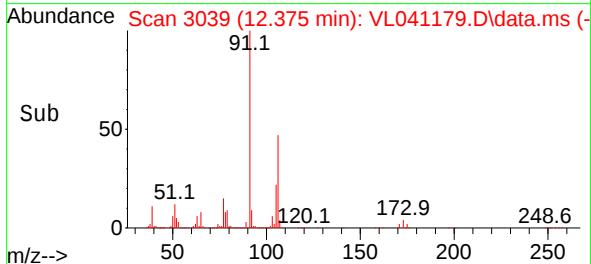
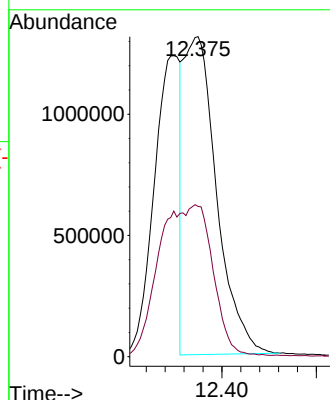
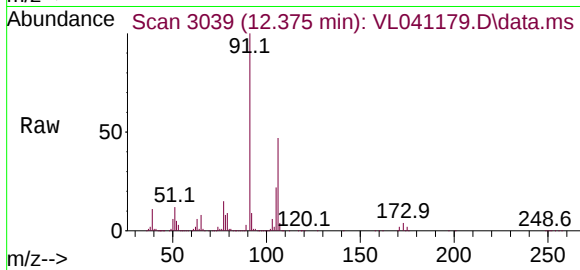




#59
m/p-Xylene
Concen: 10.216 ppbv
RT: 12.375 min Scan# 3039
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

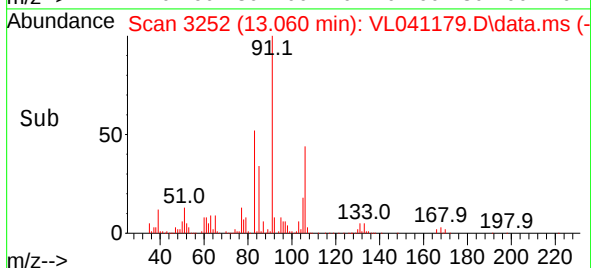
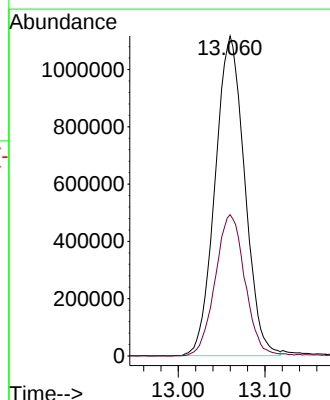
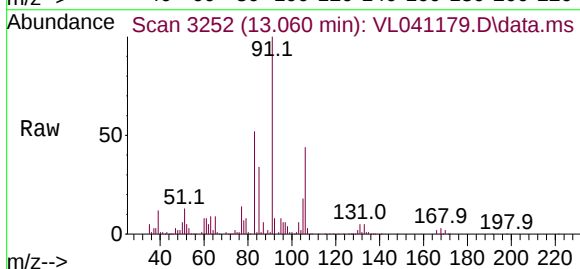
Instrument :
MSVOA_1
ClientSampleId :
VSTDICCC010

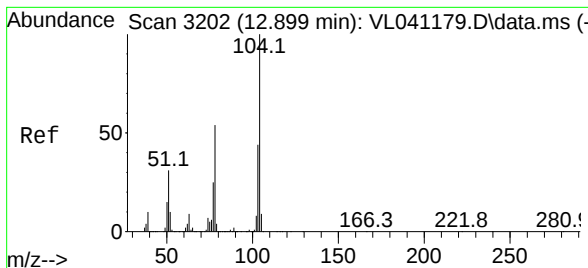
Tgt Ion: 91 Resp: 3181554
Ion Ratio Lower Upper
91 100
106 78.7 35.7 53.5#



#60
o-Xylene
Concen: 9.035 ppbv
RT: 13.060 min Scan# 3252
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion: 91 Resp: 2641521
Ion Ratio Lower Upper
91 100
106 44.9 22.4 67.3





#61

Styrene

Concen: 9.640 ppbv

RT: 12.899 min Scan# 3202

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

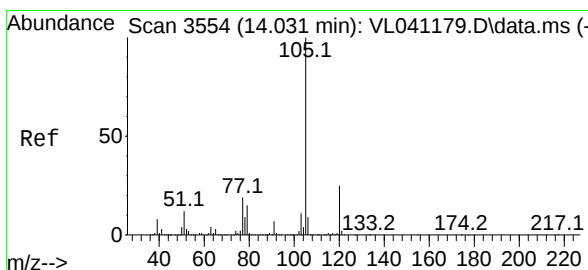
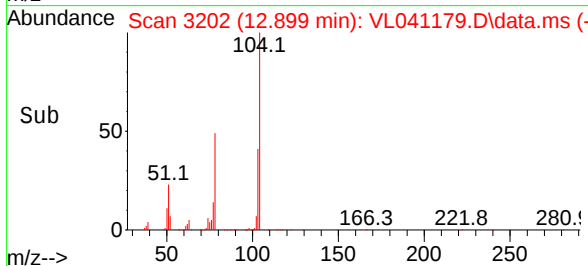
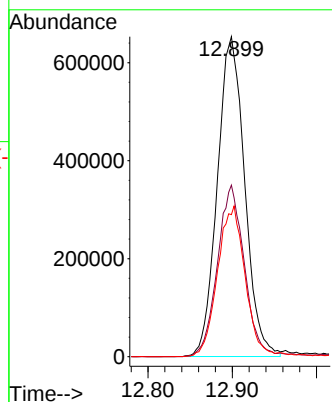
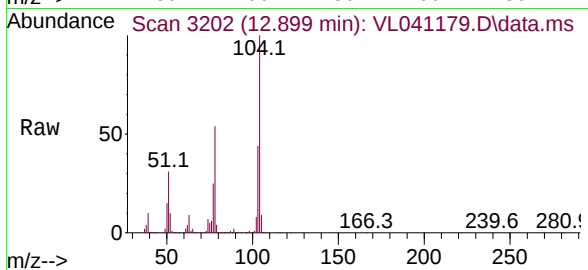
Tgt Ion:104 Resp: 1471572

Ion Ratio Lower Upper

104 100

78 53.2 42.6 63.8

103 48.0 38.4 57.6



#62

Isopropylbenzene

Concen: 8.945 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.000 min

Lab File: VL041179.D

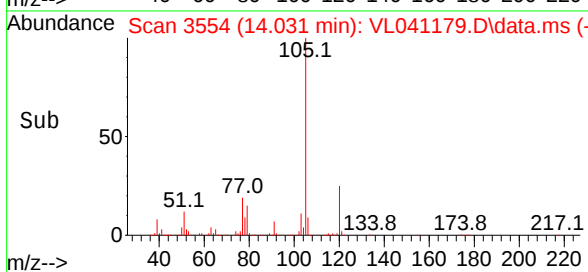
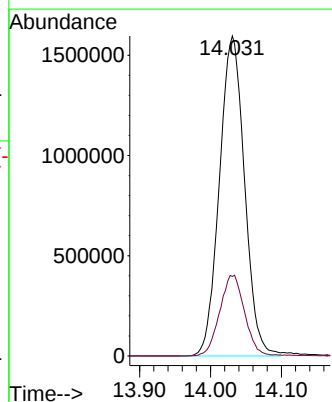
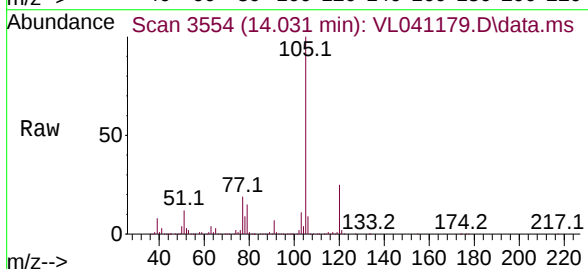
Acq: 29 Apr 2024 11:27

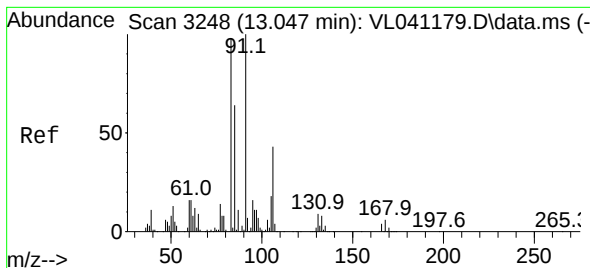
Tgt Ion:105 Resp: 3929016

Ion Ratio Lower Upper

105 100

120 25.2 20.2 30.2

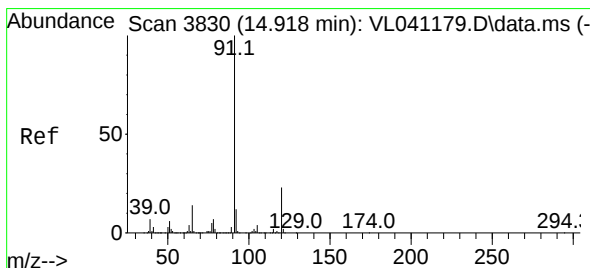
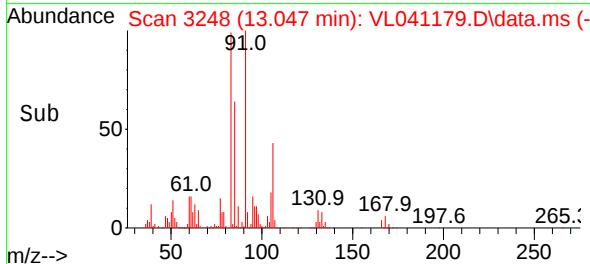
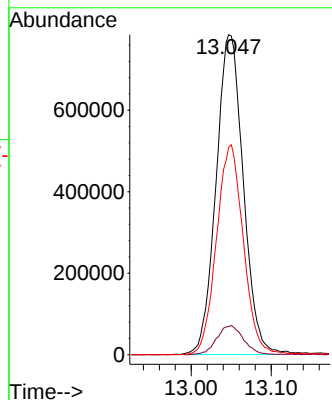
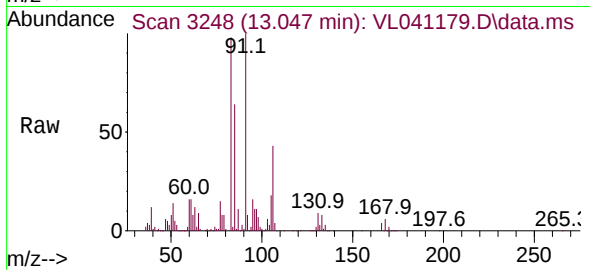




#63
1,1,2,2-Tetrachloroethane
Concen: 9.316 ppbv
RT: 13.047 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

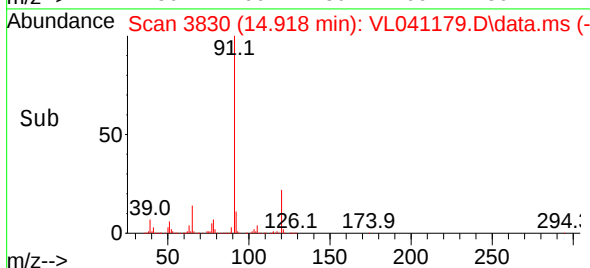
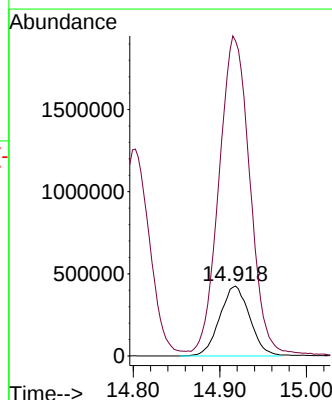
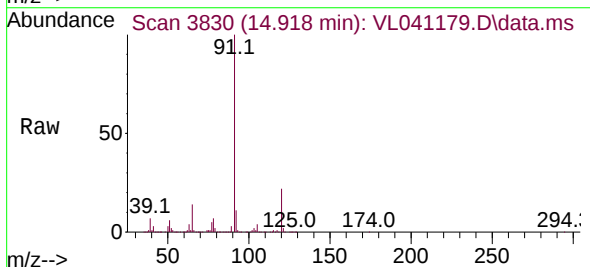
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

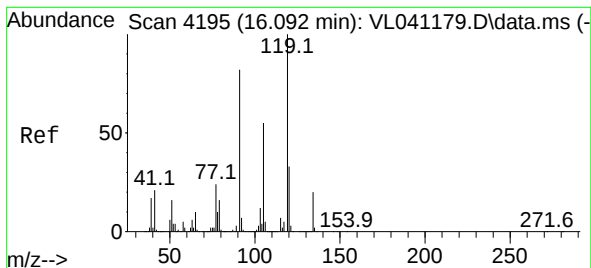
Tgt Ion: 83 Resp: 1849955
Ion Ratio Lower Upper
83 100
131 9.0 4.5 13.5
85 65.4 32.7 98.1



#64
n-propylbenzene
Concen: 9.244 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion:120 Resp: 1017449
Ion Ratio Lower Upper
120 100
91 481.0 384.8 577.2





#65

tert-Butylbenzene

Concen: 8.793 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

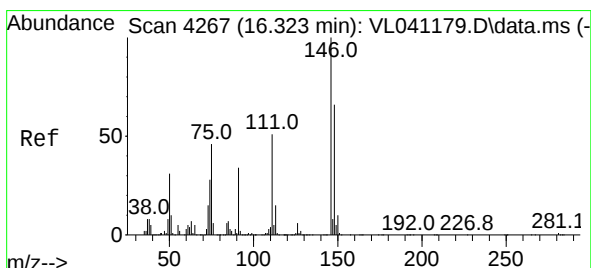
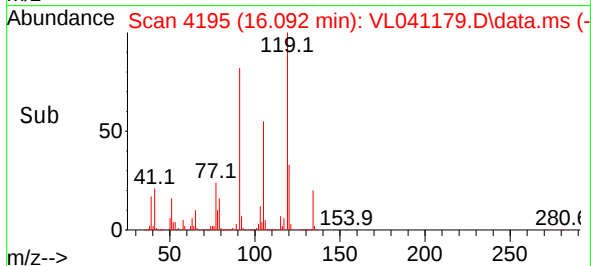
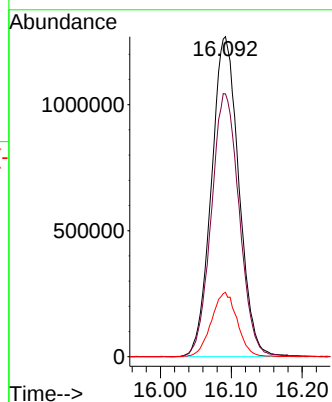
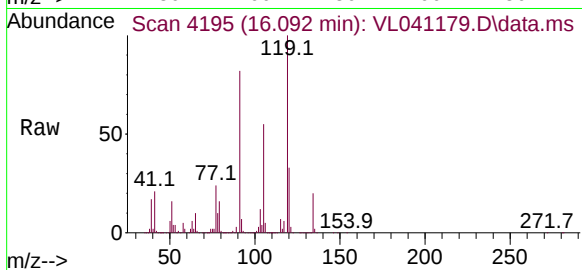
Tgt Ion:119 Resp: 3413104

Ion Ratio Lower Upper

119 100

91 83.7 67.0 100.4

134 19.0 15.2 22.8



#66

Benzyl Chloride

Concen: 10.350 ppbv

RT: 16.323 min Scan# 4267

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

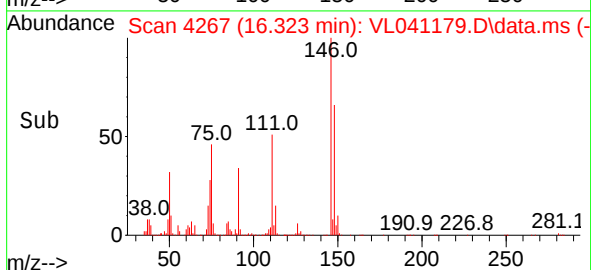
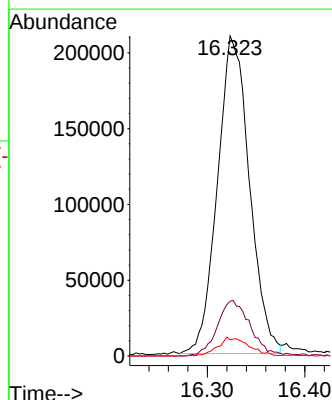
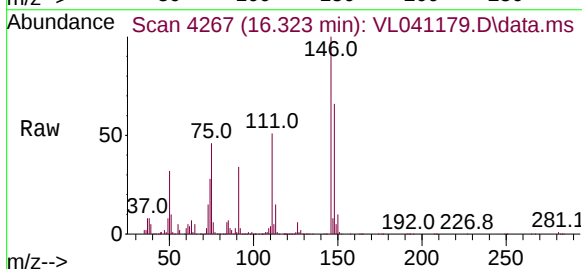
Tgt Ion: 91 Resp: 478167

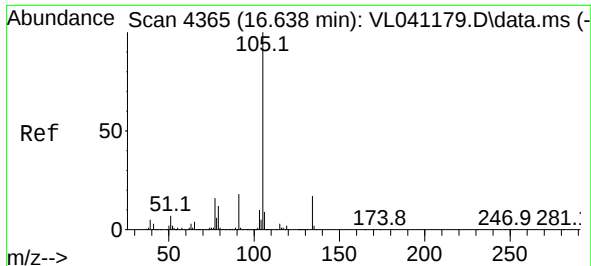
Ion Ratio Lower Upper

91 100

126 18.2 14.6 21.8

128 5.9 4.7 7.1





#67

sec-Butylbenzene

Concen: 8.844 ppbv

RT: 16.638 min Scan# 4365

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_1

ClientSampleId :

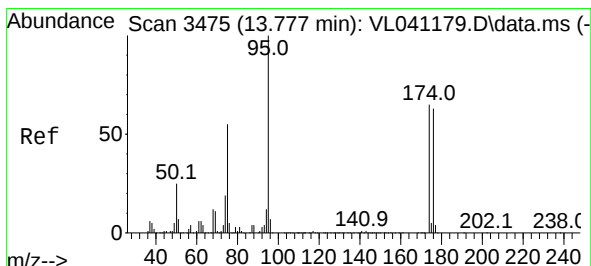
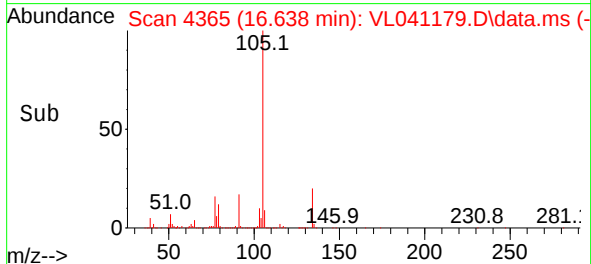
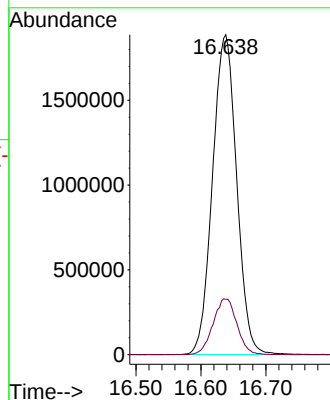
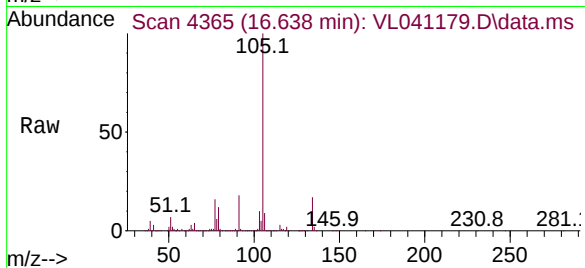
VSTDICCC010

Tgt Ion:105 Resp: 4854708

Ion Ratio Lower Upper

105 100

134 17.3 13.8 20.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.987 ppbv

RT: 13.777 min Scan# 3475

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

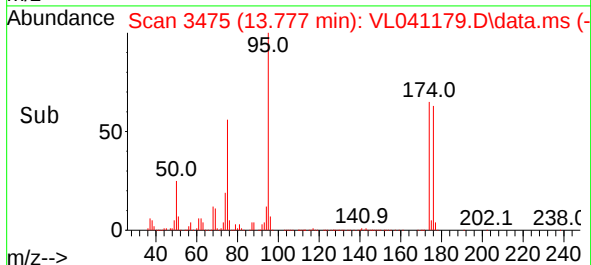
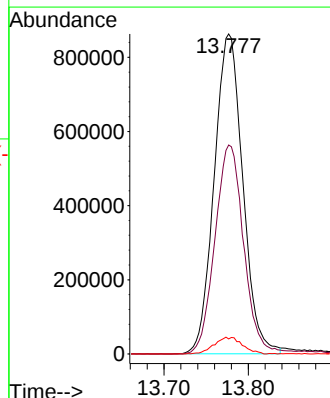
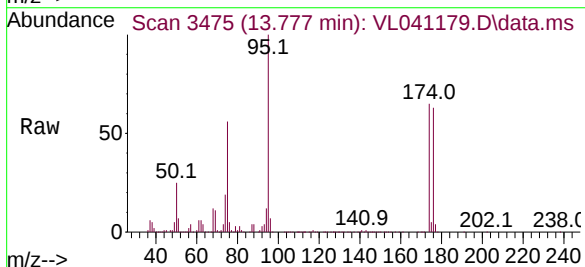
Tgt Ion: 95 Resp: 2031833

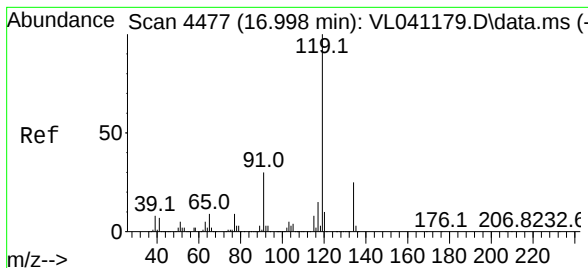
Ion Ratio Lower Upper

95 100

174 67.0 53.6 80.4

175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 8.803 ppbv

RT: 16.998 min Scan# 4477

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

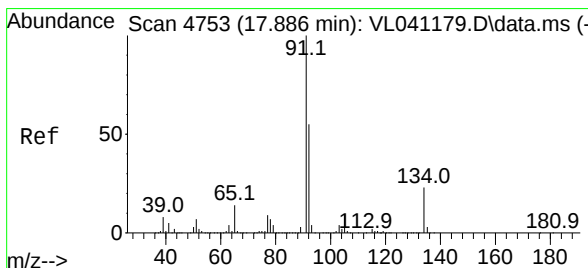
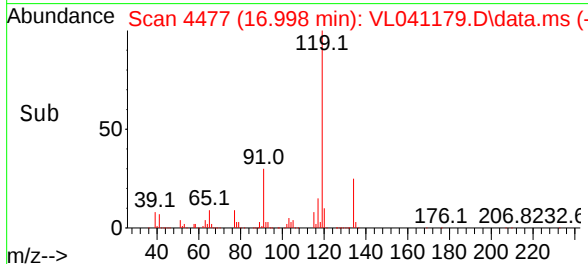
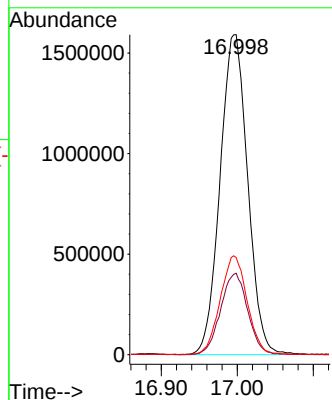
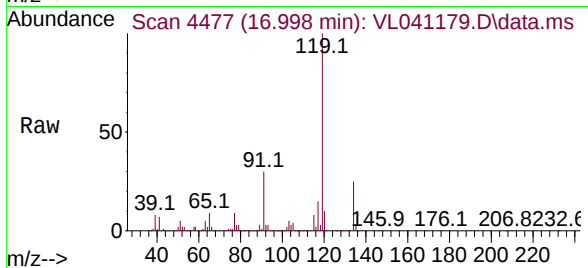
Tgt Ion:119 Resp: 4006087

Ion Ratio Lower Upper

119 100

134 25.1 20.1 30.1

91 30.2 24.2 36.2



#70

n-Butylbenzene

Concen: 8.923 ppbv

RT: 17.886 min Scan# 4753

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

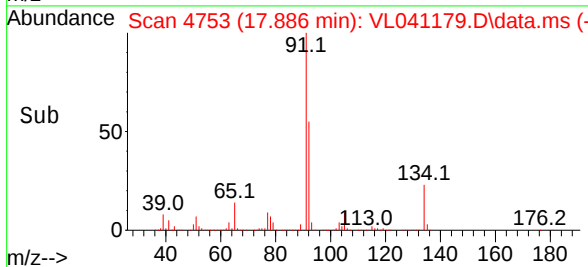
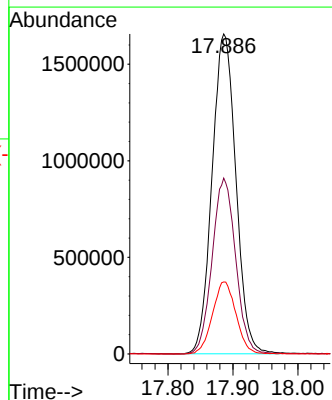
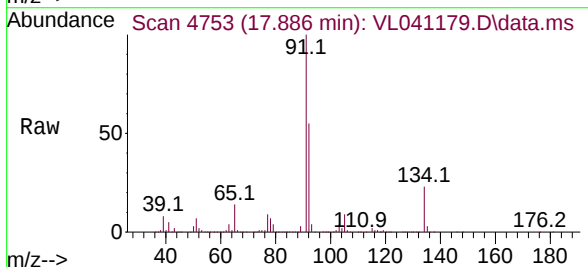
Tgt Ion: 91 Resp: 4218828

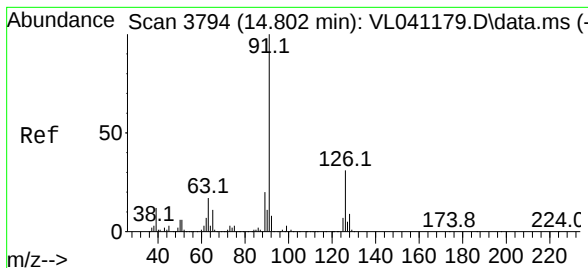
Ion Ratio Lower Upper

91 100

92 54.1 43.3 64.9

134 22.3 17.8 26.8

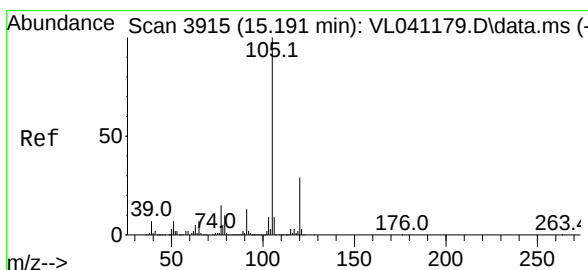
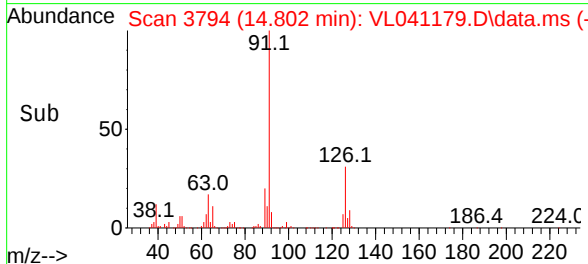
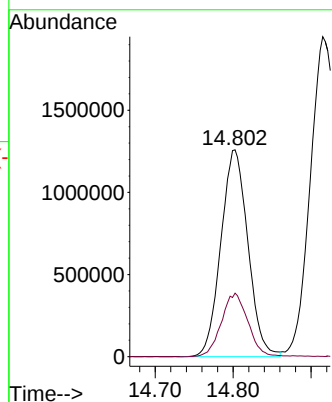
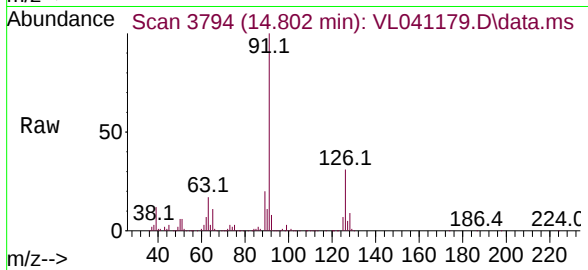




#71
2-Chlorotoluene
Concen: 9.055 ppbv
RT: 14.802 min Scan# 3794
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

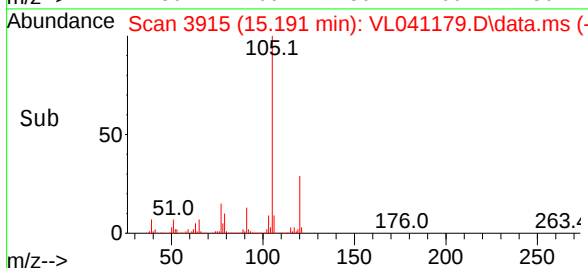
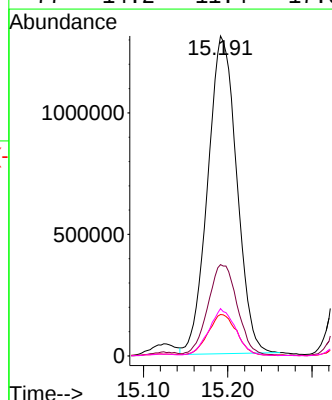
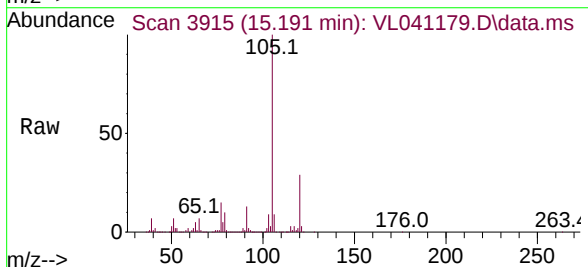
Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

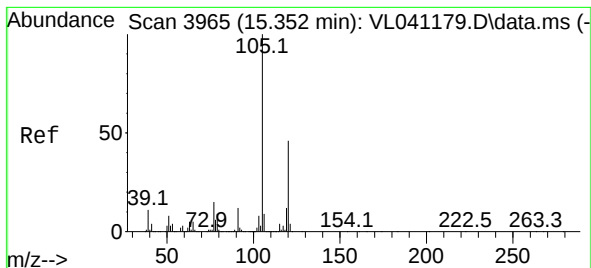
Tgt Ion: 91 Resp: 3038563
Ion Ratio Lower Upper
91 100
126 30.5 12.2 48.8



#72
4-Ethyltoluene
Concen: 9.358 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041179.D
Acq: 29 Apr 2024 11:27

Tgt Ion:105 Resp: 3120787
Ion Ratio Lower Upper
105 100
120 30.9 24.7 37.1
91 12.9 10.3 15.5
77 14.2 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 9.128 ppbv

RT: 15.352 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

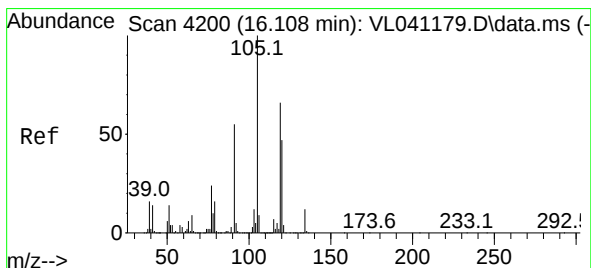
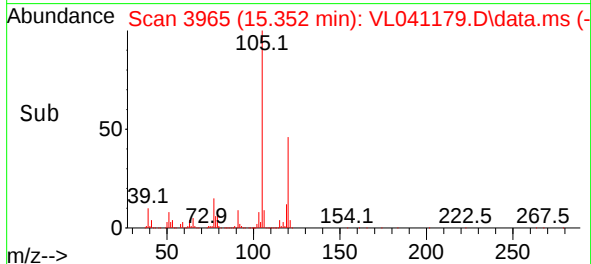
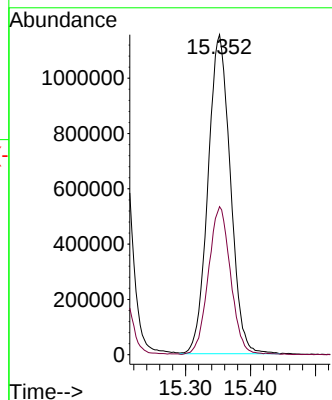
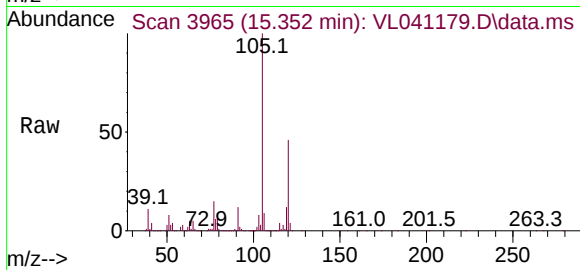
VSTDICCC010

Tgt Ion:105 Resp: 2759654

Ion Ratio Lower Upper

105 100

120 46.2 37.0 55.4



#74

1,2,4-Trimethylbenzene

Concen: 8.982 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Tgt Ion:105 Resp: 2955984

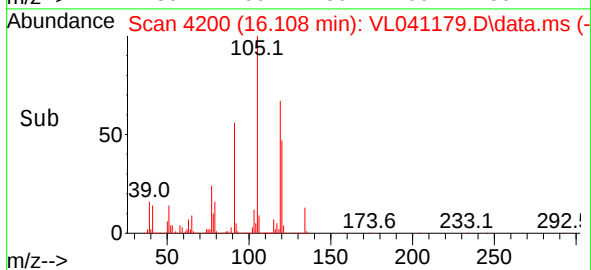
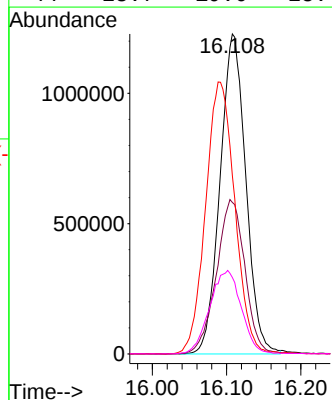
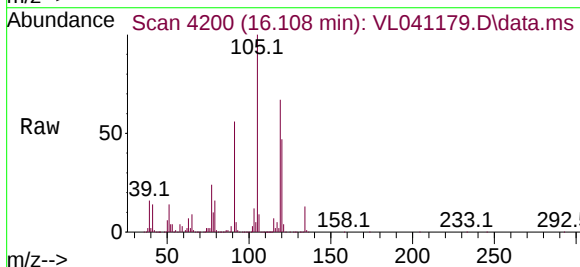
Ion Ratio Lower Upper

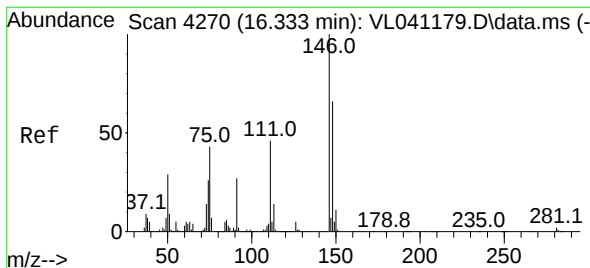
105 100

120 47.2 37.8 56.6

91 55.4 44.3 66.5

77 23.7 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 9.407 ppbv

RT: 16.333 min Scan# 4270

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

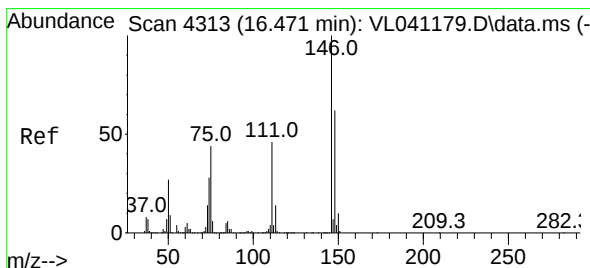
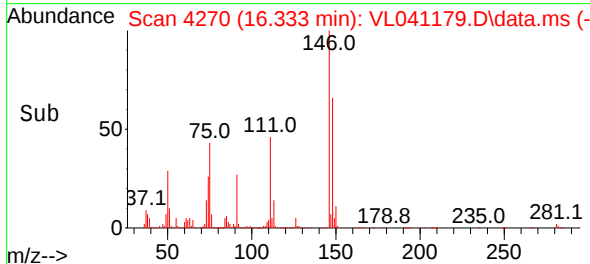
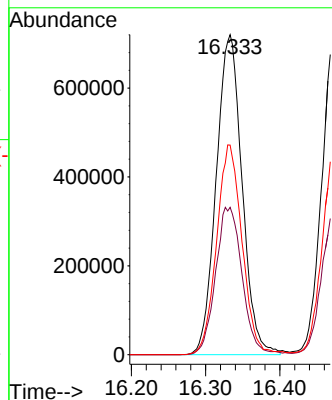
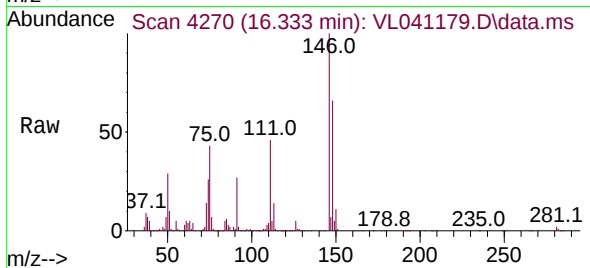
Tgt Ion:146 Resp: 1742370

Ion Ratio Lower Upper

146 100

111 47.4 23.7 71.1

148 64.9 32.5 97.4



#76

1,4-Dichlorobenzene

Concen: 9.605 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

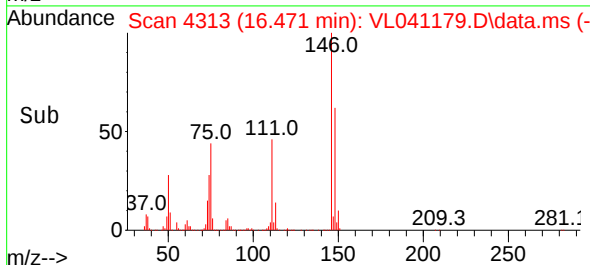
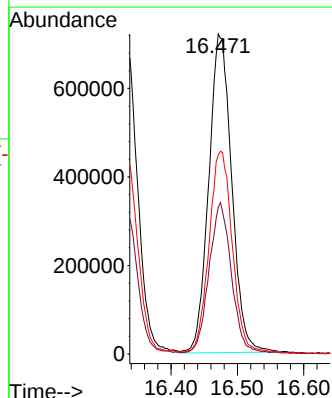
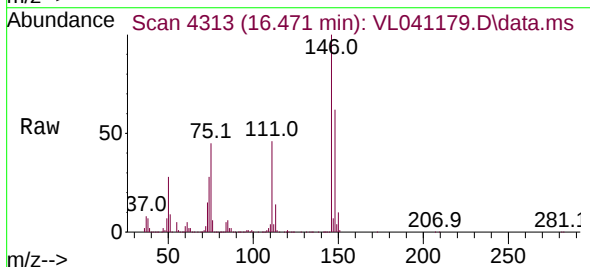
Tgt Ion:146 Resp: 1733035

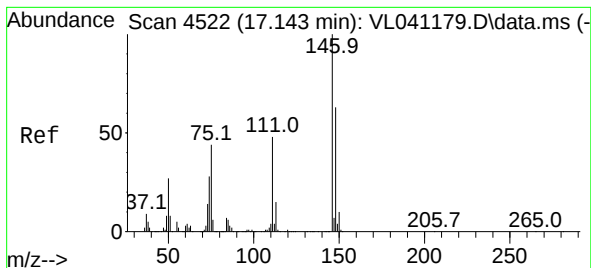
Ion Ratio Lower Upper

146 100

111 46.5 23.3 69.8

148 65.1 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 8.969 ppbv

RT: 17.143 min Scan# 4522

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010

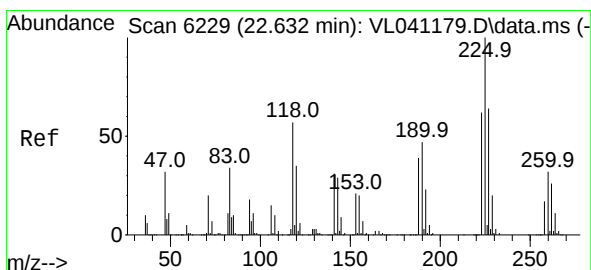
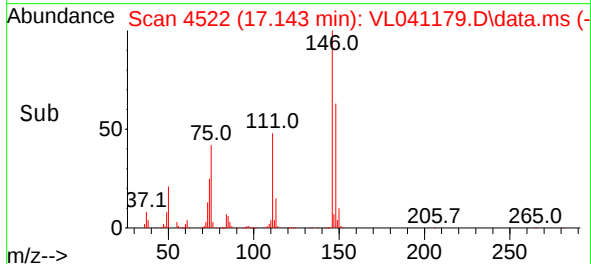
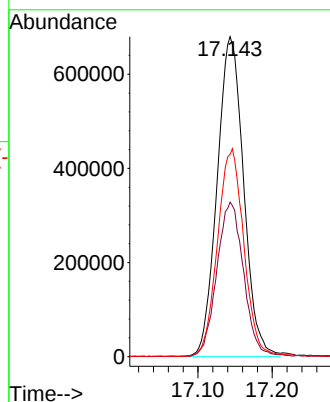
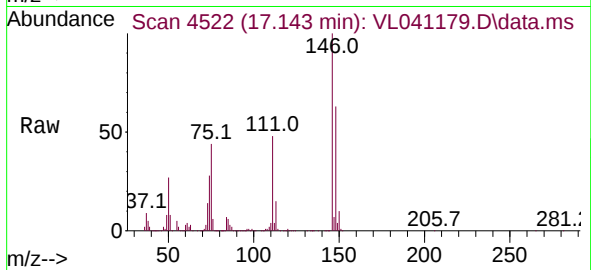
Tgt Ion:146 Resp: 1678538

Ion Ratio Lower Upper

146 100

111 49.0 24.5 73.5

148 65.3 32.6 98.0



#78

Hexachloro-1,3-Butadiene

Concen: 8.029 ppbv

RT: 22.632 min Scan# 6229

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

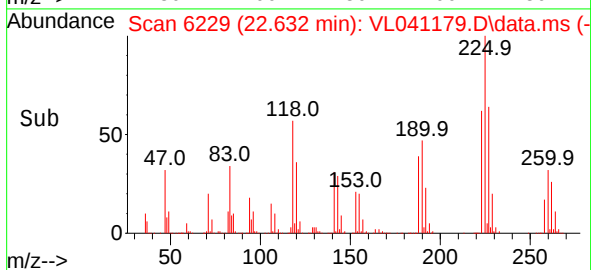
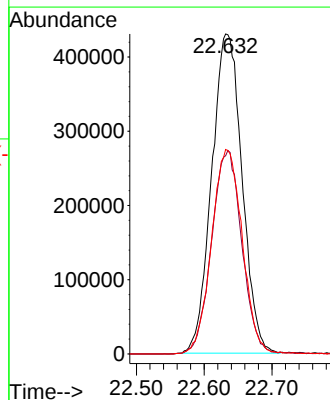
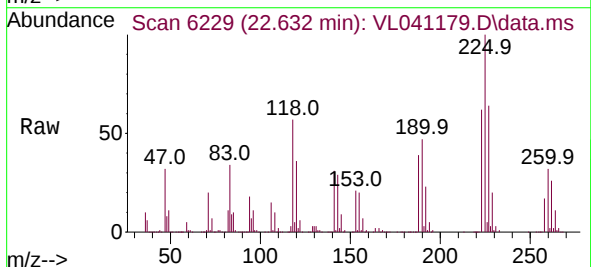
Tgt Ion:225 Resp: 1335636

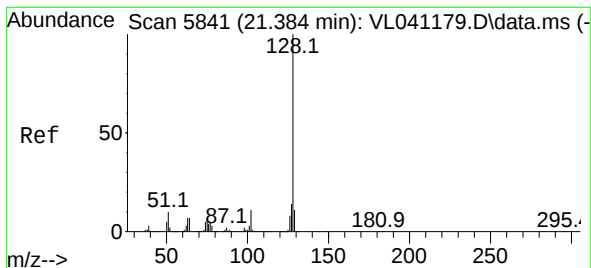
Ion Ratio Lower Upper

225 100

223 63.6 50.9 76.3

227 65.0 52.0 78.0





#79

Naphthalene

Concen: 9.468 ppbv

RT: 21.384 min Scan# 5841

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_1

ClientSampleId :

VSTDICCC010

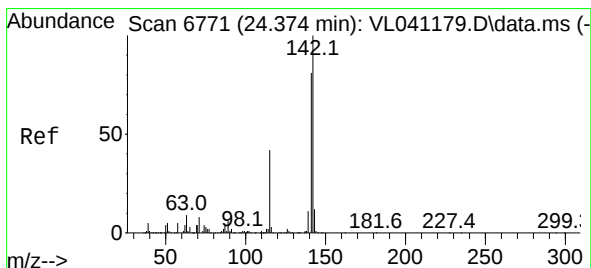
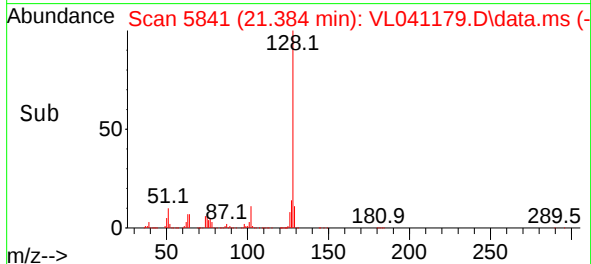
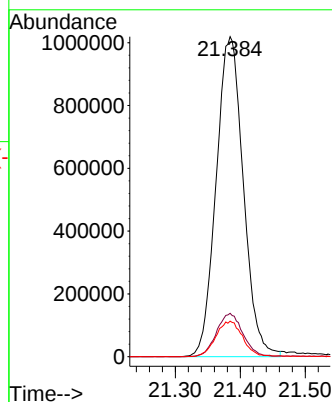
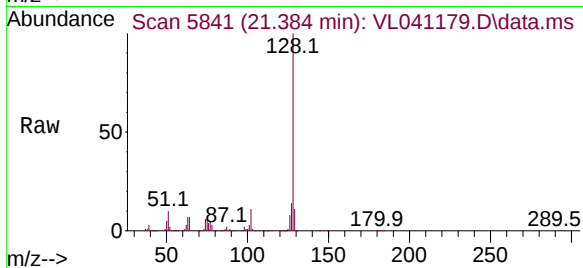
Tgt Ion:128 Resp: 2954097

Ion Ratio Lower Upper

128 100

127 13.5 10.8 16.2

129 11.1 8.9 13.3



#80

Naphthalene,2-methyl-

Concen: 7.750 ppbv

RT: 24.374 min Scan# 6771

Delta R.T. 0.000 min

Lab File: VL041179.D

Acq: 29 Apr 2024 11:27

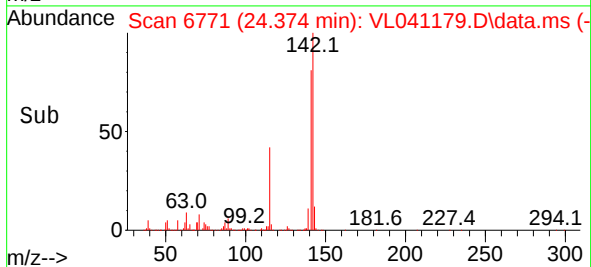
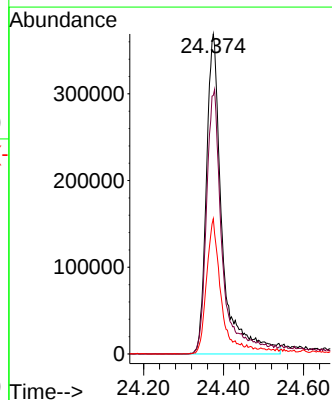
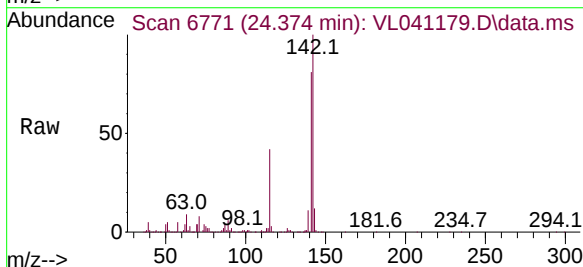
Tgt Ion:142 Resp: 1017752

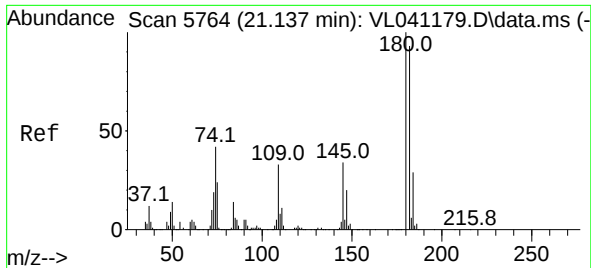
Ion Ratio Lower Upper

142 100

141 84.9 67.9 101.9

115 39.2 31.4 47.0





#81

1,2,4-Trichlorobenzene

Concen: 8.971 ppbv

RT: 21.137 min Scan# 51

Delta R.T. 0.000 min

Lab File: VL041179.D

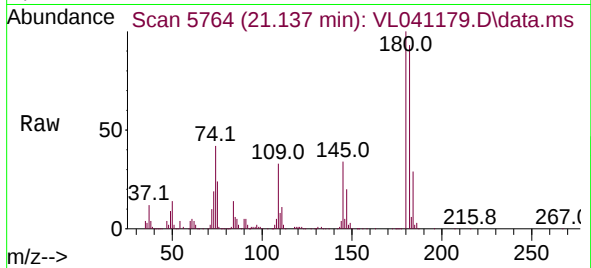
Acq: 29 Apr 2024 11:27

Instrument :

MSVOA_L

ClientSampleId :

VSTDICCC010



Tgt Ion:180 Resp: 1495849

Ion Ratio Lower Upper

180 100

182 96.5 77.2 115.8

184 30.7 24.6 36.8

