

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040642.D
 Acq On : 15 Aug 2023 21:29
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Aug 16 05:59:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	948378	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2433530	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2509659	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	1979323	9.917	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	1744424	8.539	ppbv	100
3) Chlorodifluoromethane	2.665	51	1422512	9.135	ppbv	97
4) Chloromethane	2.803	50	539342	8.880	ppbv	98
5) Vinyl Chloride	2.912	62	615032	9.537	ppbv	95
6) Bromomethane	3.112	94	318521	9.422	ppbv	96
7) Chloroethane	3.189	64	229701	9.764	ppbv	90
8) Dichlorotetrafluoroethane	2.848	85	1590041	9.617	ppbv	99
9) Propene	2.684	41	409257	8.482	ppbv	100
10) Heptane	7.581	43	1042704	9.385	ppbv	100
11) Trichlorofluoromethane	3.555	101	1697579	10.294	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1219424	9.962	ppbv	98
13) Ethanol	3.237	45	86950	6.457	ppbv	96
14) Bromoethene	3.359	108	496815	9.996	ppbv	99
15) Acetone	3.459	43	1089859	9.395	ppbv	98
16) 1,3-Butadiene	2.973	39	539949	9.360	ppbv	99
17) tert-Butyl alcohol	3.870	59	1260926	10.250	ppbv	100
18) 1,1-Dichloroethene	3.874	96	548059	9.880	ppbv	99
19) Isopropyl Alcohol	3.568	45	686122	9.328	ppbv #	97
20) Methylene Chloride	3.928	84	456650	8.056	ppbv	96
21) Allyl Chloride	3.989	41	730477	9.521	ppbv	96
22) trans-1,2-Dichloroethene	4.439	96	536841	9.859	ppbv	98
23) Vinyl Acetate	4.623	43	1247418	9.437	ppbv #	98
24) 1,1-Dichloroethane	4.558	63	1117237	9.884	ppbv	99
25) Ethyl Acetate	5.201	43	1934643	8.880	ppbv	99
26) Hexane	5.211	57	840505	7.974	ppbv	95
27) Carbon Disulfide	4.118	76	1334488	10.634	ppbv	99
28) Methyl tert-Butyl Ether	4.581	73	780992	9.584	ppbv	100
29) Chloroform	5.272	83	1512807	9.067	ppbv	99
30) Cyclohexane	6.600	84	712227	8.831	ppbv	98
31) cis-1,2-Dichloroethene	5.076	61	869976	9.145	ppbv	95
32) 1,1,1-Trichloroethane	6.005	97	1584630	9.919	ppbv	100
34) 2-Butanone	4.783	43	1176837	9.590	ppbv	98
35) Carbon Tetrachloride	6.494	117	1639453	10.767	ppbv	97
36) Benzene	6.372	78	1751659	9.048	ppbv	98
37) 1,2-Dichloroethane	5.806	62	1162255	9.954	ppbv	98
38) Trichloroethene	7.295	130	740439	9.877	ppbv	96
39) 1,2-Dichloropropane	7.073	63	679105	9.220	ppbv	97
40) 1,4-Dioxane	7.288	88	213583	7.654	ppbv #	27
41) Tetrahydrofuran	5.555	42	642364	9.261	ppbv	99
42) Bromodichloromethane	7.253	83	1674760	10.305	ppbv	96
43) Methyl Methacrylate	7.478	69	746670	10.300	ppbv	98
44) 2,2,4-Trimethylpentane	7.330	57	2910396	9.301	ppbv	97
45) t-1,3-Dichloropropene	8.716	75	653634	11.291	ppbv	98

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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

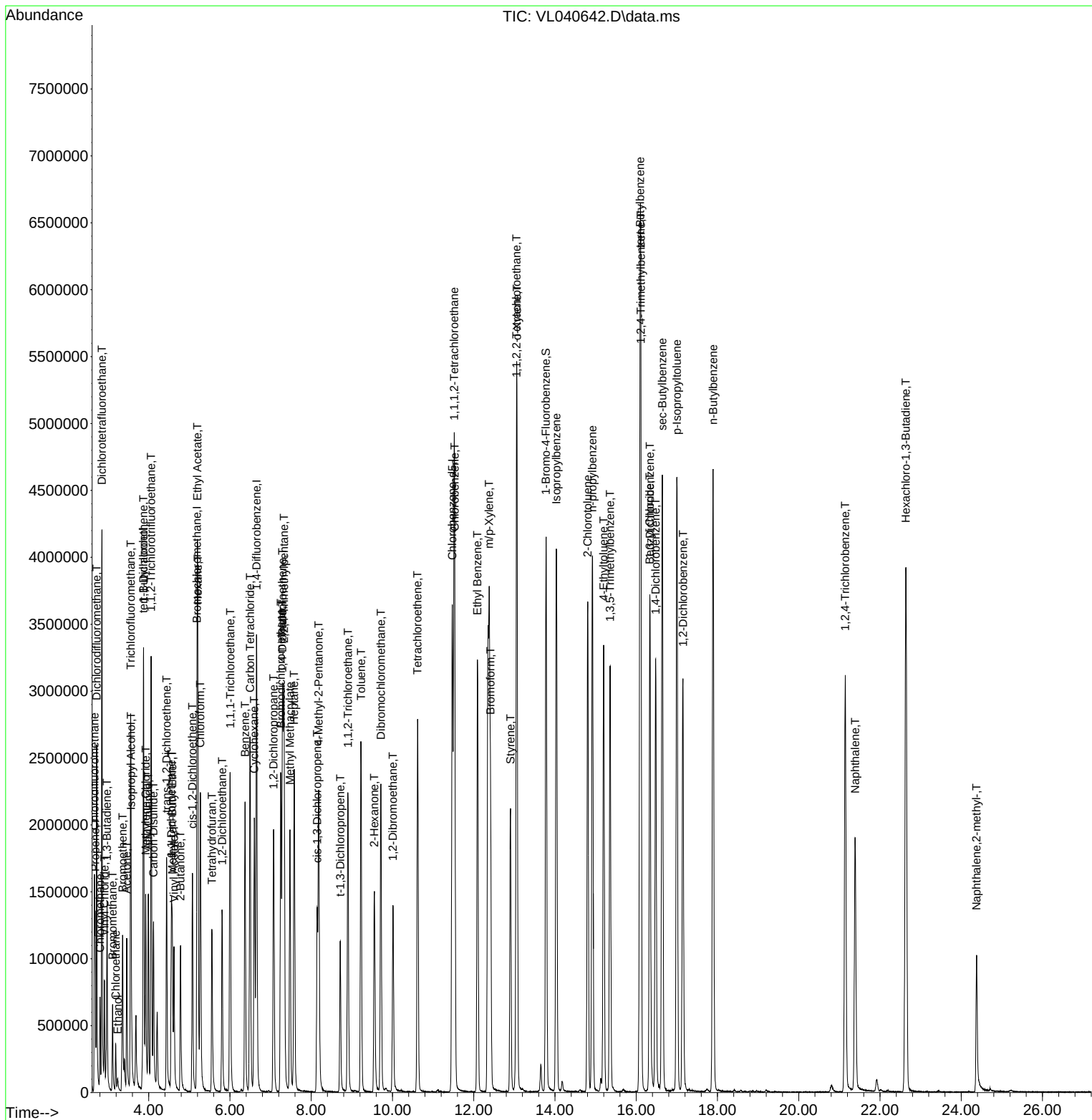
Instrument :
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 ClientSampleId :

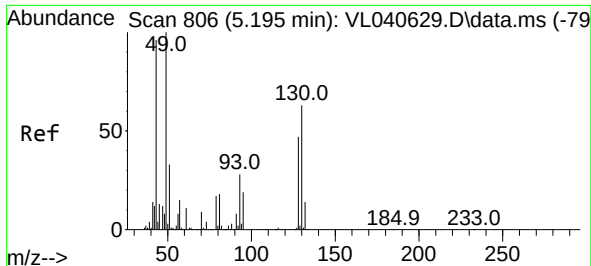
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	765938	10.846	ppbv	98
47) 1,1,2-Trichloroethane	8.902	97	767197	9.221	ppbv	99
48) Dibromochloromethane	9.716	129	1378860	10.590	ppbv	100
49) Bromoform	12.413	173	1143702	10.963	ppbv	99
50) 4-Methyl-2-Pentanone	8.185	43	1799968	10.040	ppbv	99
51) 2-Hexanone	9.555	43	1328069	10.513	ppbv #	97
52) Tetrachloroethene	10.619	164	616838	10.174	ppbv	97
53) Toluene	9.227	91	2069716	10.060	ppbv	100
54) 1,2-Dibromoethane	10.012	107	1121045	10.582	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.516	131	1030764	8.877	ppbv	98
57) Chlorobenzene	11.536	112	1663231	8.587	ppbv	98
58) Ethyl Benzene	12.092	91	2866814	9.473	ppbv	100
59) m/p-Xylene	12.378	91	2454743	8.892	ppbv #	28
60) o-Xylene	13.063	91	2478816	9.474	ppbv	98
61) Styrene	12.905	104	1195983	10.432	ppbv	98
62) Isopropylbenzene	14.034	105	3597757	9.086	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	1752952	8.945	ppbv	99
64) n-propylbenzene	14.921	120	921031	9.203	ppbv	99
65) tert-Butylbenzene	16.095	119	3209624	9.352	ppbv	98
66) Benzyl Chloride	16.333	91	442509	10.253	ppbv	99
67) sec-Butylbenzene	16.642	105	4543002	9.073	ppbv	100
69) p-Isopropyltoluene	16.998	119	3673766	9.376	ppbv	99
70) n-Butylbenzene	17.892	91	4046180	9.459	ppbv	100
71) 2-Chlorotoluene	14.806	91	2791229	9.500	ppbv	99
72) 4-Ethyltoluene	15.198	105	2855804	9.668	ppbv	99
73) 1,3,5-Trimethylbenzene	15.355	105	2483882	9.407	ppbv	99
74) 1,2,4-Trimethylbenzene	16.117	105	2847021	9.233	ppbv	95
75) 1,3-Dichlorobenzene	16.339	146	1604194	8.998	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	1562894	8.967	ppbv	98
77) 1,2-Dichlorobenzene	17.153	146	1553193	8.854	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1078030	8.100	ppbv	99
79) Naphthalene	21.391	128	2353969	11.559	ppbv	98
80) Naphthalene,2-methyl-	24.378	142	703261	12.000	ppbv	94
81) 1,2,4-Trichlorobenzene	21.146	180	1293827	9.652	ppbv	99

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

Quant Time: Aug 16 05:59:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
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Response via : Initial Calibration

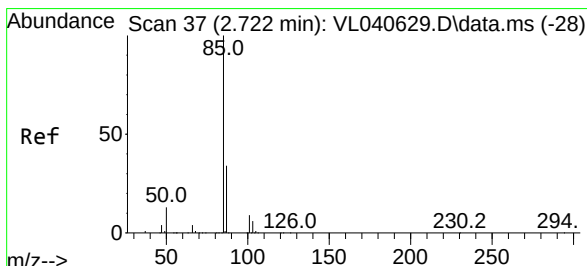
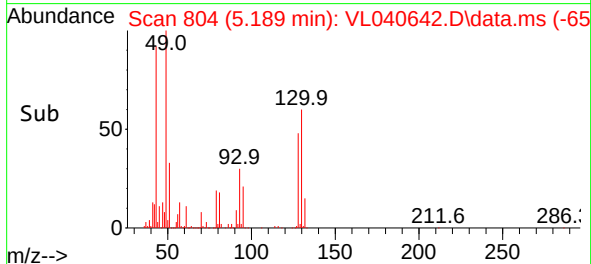
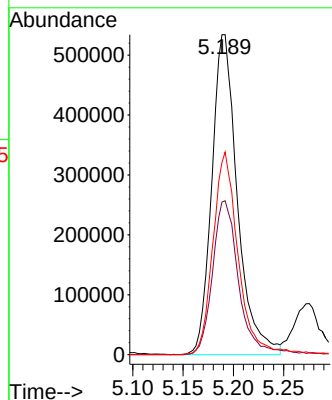
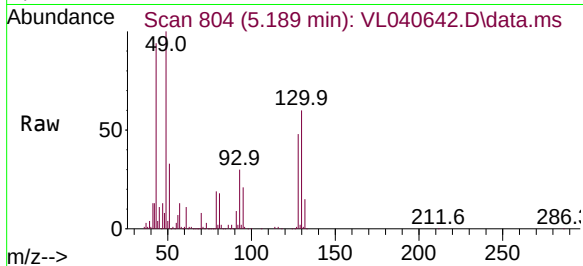




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 806
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

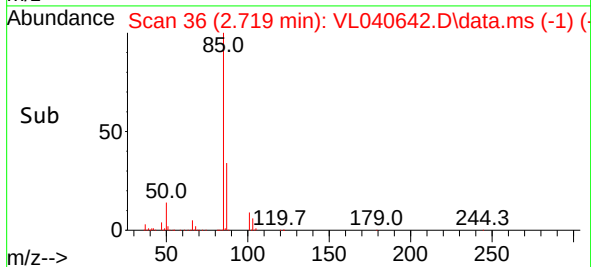
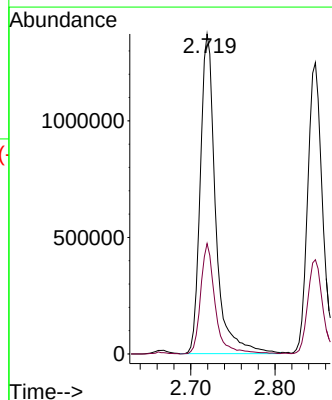
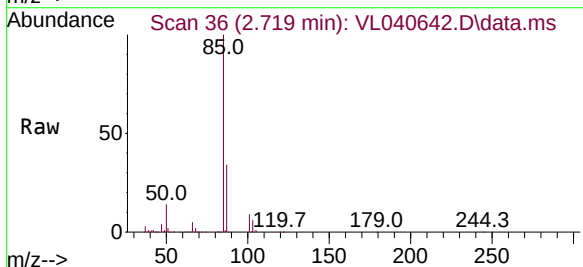
Instrument :
MSVOA_L
ClientSampleId :

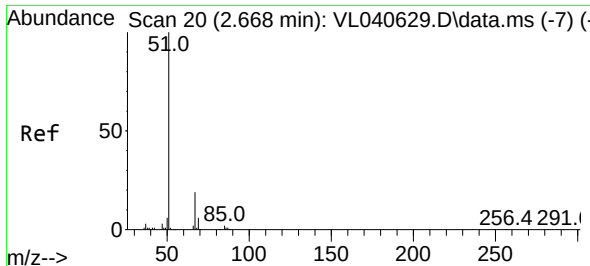
Tgt Ion: 49 Resp: 948378
Ion Ratio Lower Upper
49 100
128 49.6 24.9 74.7
130 62.9 32.2 96.6



#2
Dichlorodifluoromethane
Concen: 8.539 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.003 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 85 Resp: 1744424
Ion Ratio Lower Upper
85 100
87 34.5 27.5 41.3

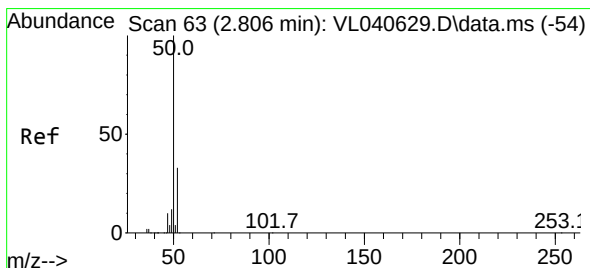
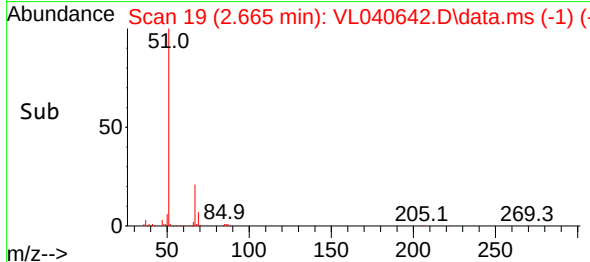
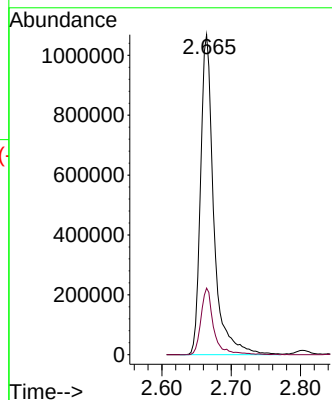
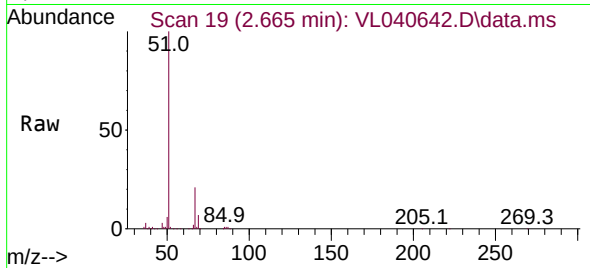




#3
Chlorodifluoromethane
Concen: 9.135 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

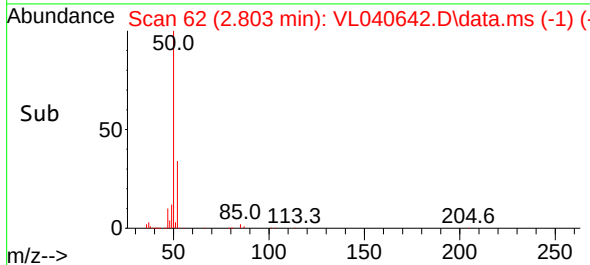
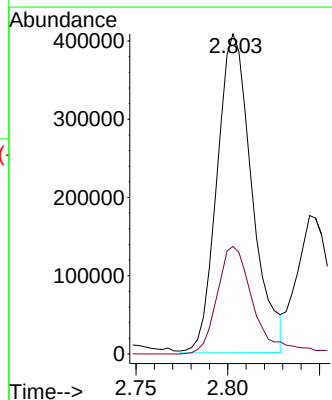
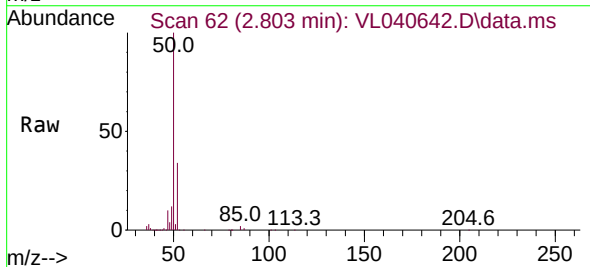
Instrument :
MSVOA_L
ClientSampleId :

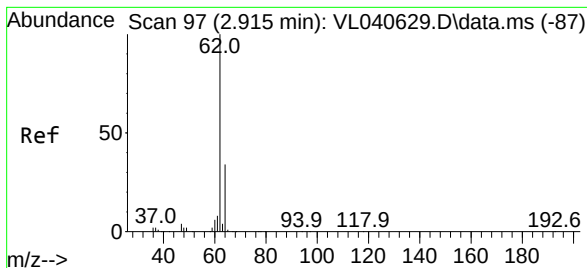
Tgt Ion: 51 Resp: 1422512
Ion Ratio Lower Upper
51 100
67 20.1 15.0 22.6



#4
Chloromethane
Concen: 8.880 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.003 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 50 Resp: 539342
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.2

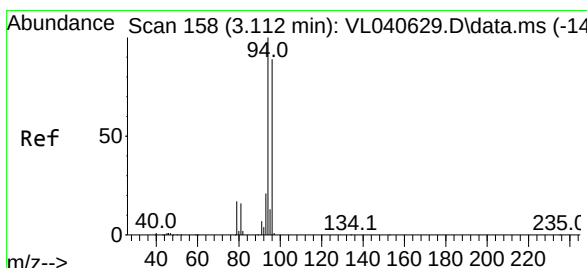
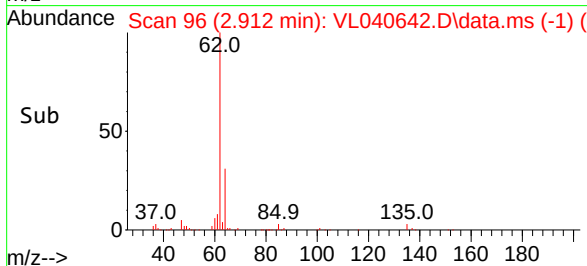
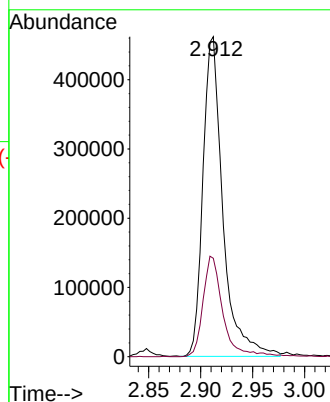
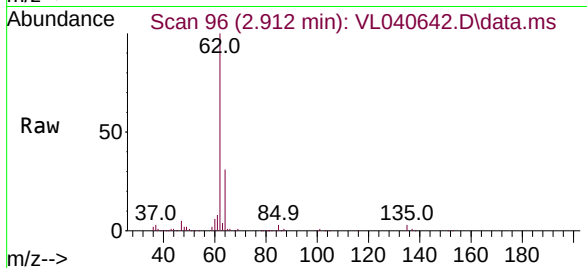




#5
 Vinyl Chloride
 Concen: 9.537 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. -0.003 min
 Lab File: VL040642.D
 Acq: 15 Aug 2023 21:29

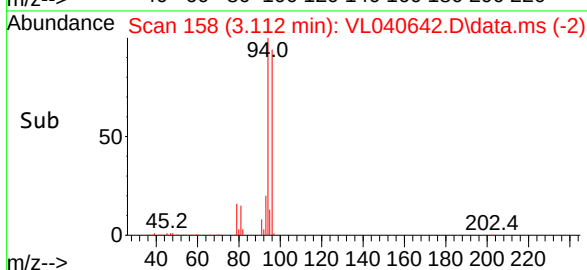
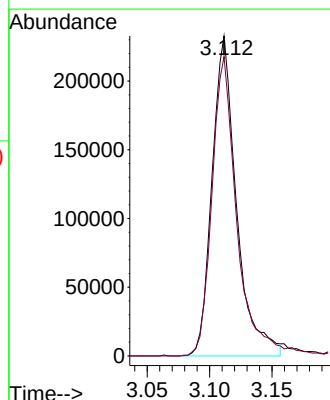
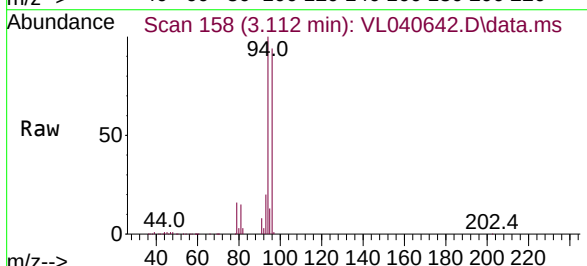
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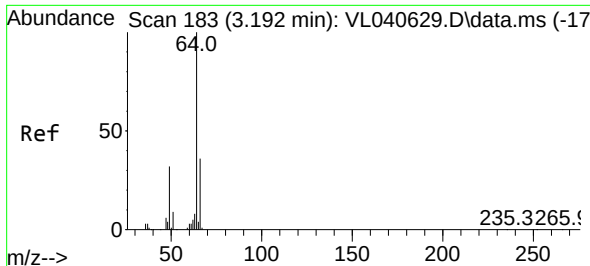
Tgt Ion: 62 Resp: 615032
 Ion Ratio Lower Upper
 62 100
 64 30.8 27.0 40.6



#6
 Bromomethane
 Concen: 9.422 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VL040642.D
 Acq: 15 Aug 2023 21:29

Tgt Ion: 94 Resp: 318521
 Ion Ratio Lower Upper
 94 100
 96 93.6 71.5 107.3

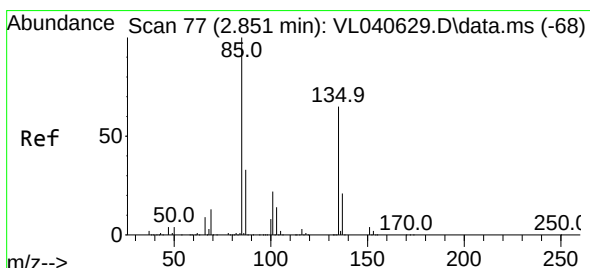
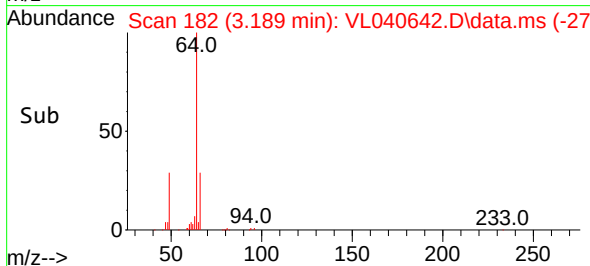
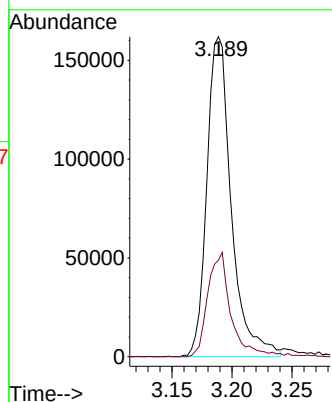
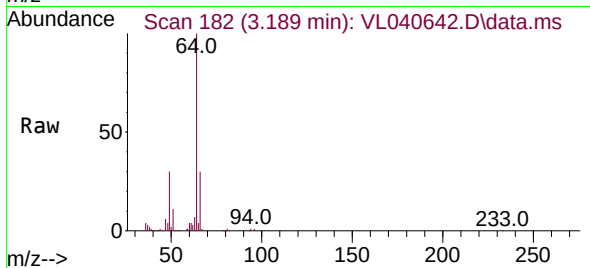




#7
Chloroethane
Concen: 9.764 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

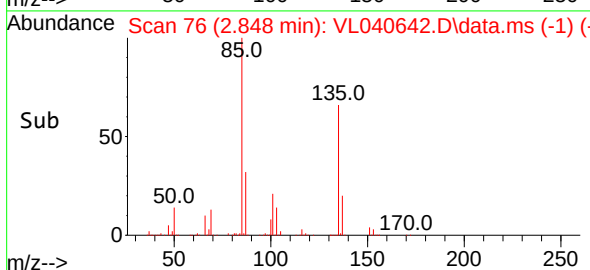
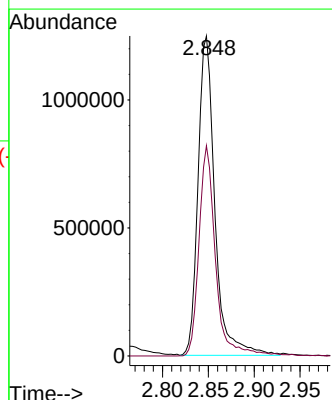
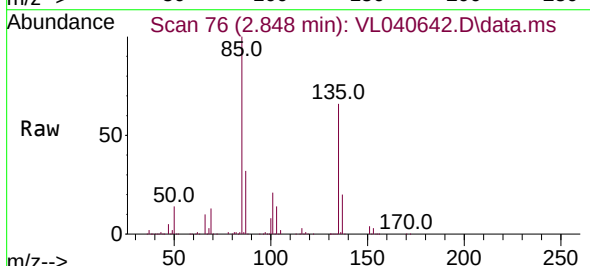
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ClientSampleId :

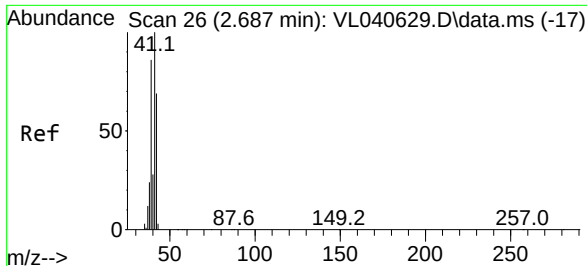
Tgt Ion: 64 Resp: 229701
Ion Ratio Lower Upper
64 100
66 30.2 28.7 43.1



#8
Dichlorotetrafluoroethane
Concen: 9.617 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 85 Resp: 1590041
Ion Ratio Lower Upper
85 100
135 65.2 52.8 79.2





#9

Propene

Concen: 8.482 ppbv

RT: 2.684 min Scan# 21

Delta R.T. -0.003 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

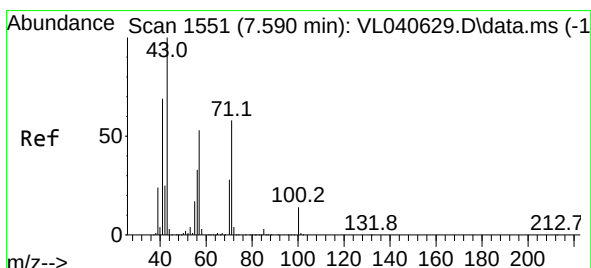
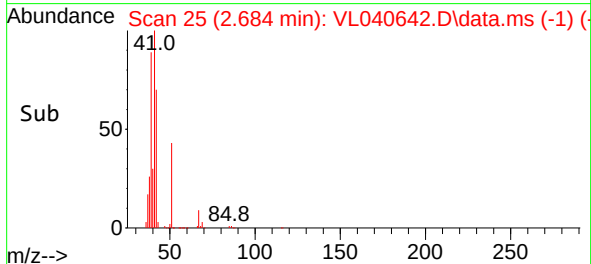
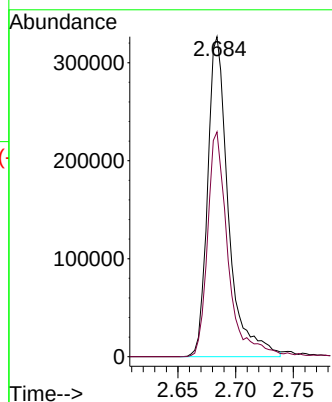
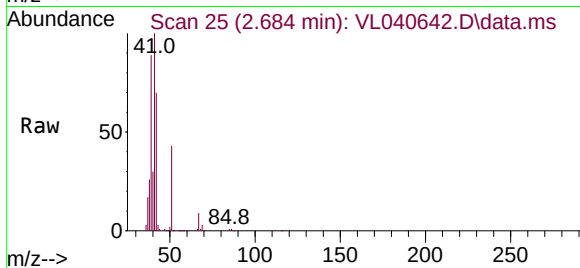
ClientSampleId :

Tgt Ion: 41 Resp: 409257

Ion Ratio Lower Upper

41 100

42 70.3 56.5 84.7



#10

Heptane

Concen: 9.385 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.010 min

Lab File: VL040642.D

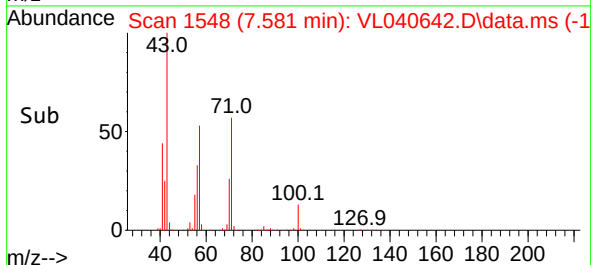
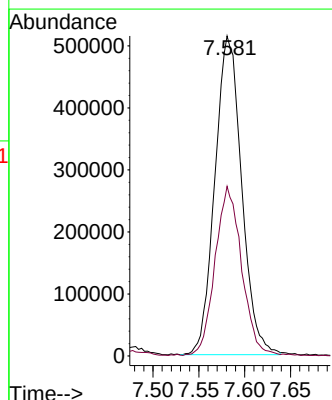
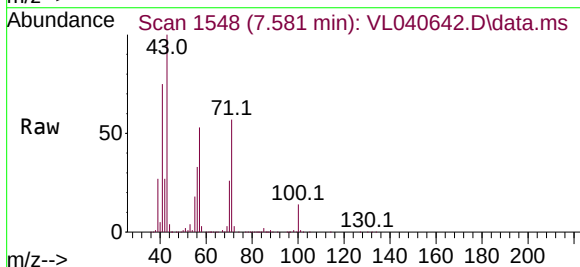
Acq: 15 Aug 2023 21:29

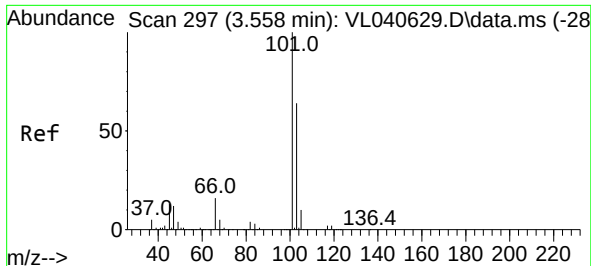
Tgt Ion: 43 Resp: 1042704

Ion Ratio Lower Upper

43 100

57 53.1 42.5 63.7

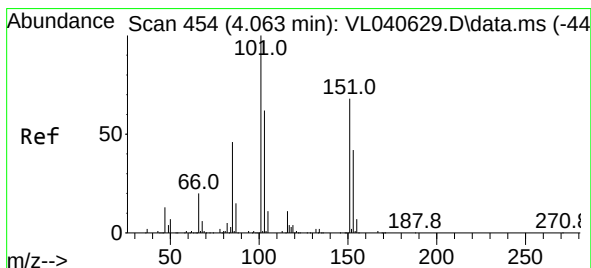
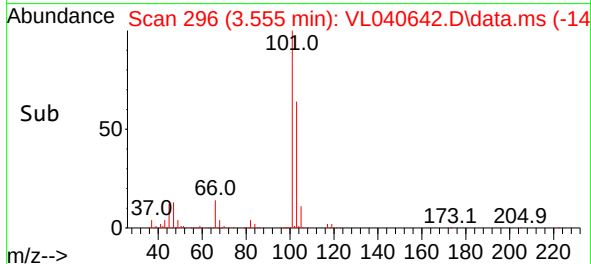
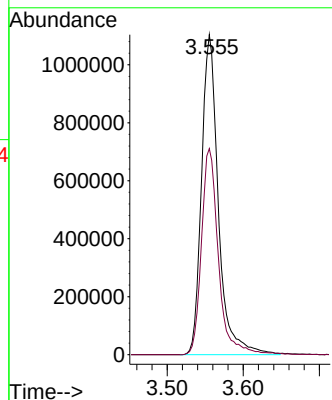
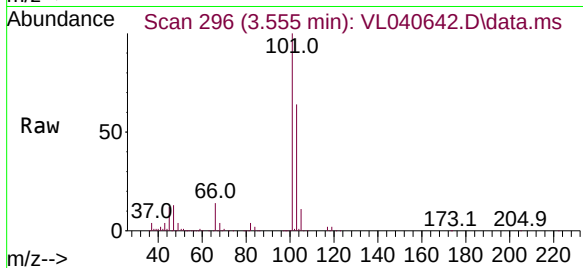




#11
 Trichlorofluoromethane
 Concen: 10.294 ppbv
 RT: 3.555 min Scan# 297
 Delta R.T. -0.003 min
 Lab File: VL040642.D
 Acq: 15 Aug 2023 21:29

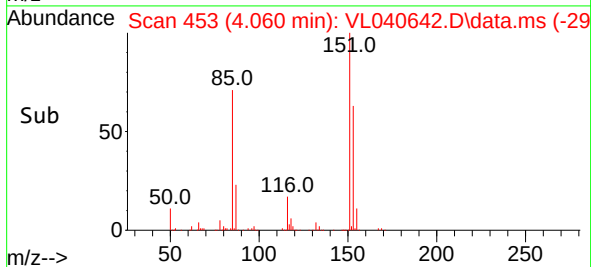
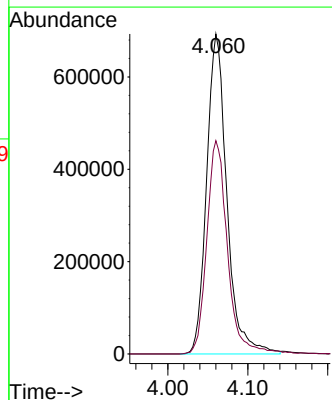
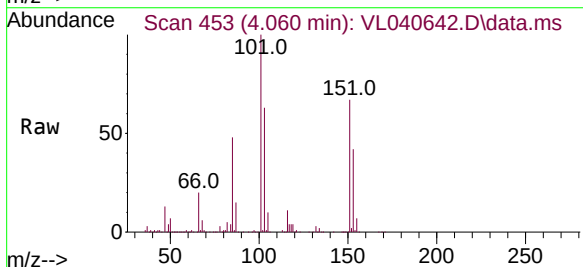
Instrument :
 MSVOA_L
 ClientSampleId :

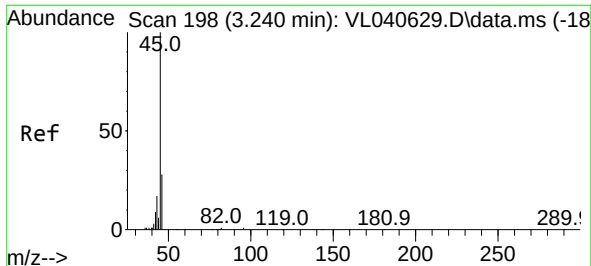
Tgt Ion:101 Resp: 1697579
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.1 76.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.962 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.003 min
 Lab File: VL040642.D
 Acq: 15 Aug 2023 21:29

Tgt Ion:101 Resp: 1219424
 Ion Ratio Lower Upper
 101 100
 151 68.4 56.2 84.2

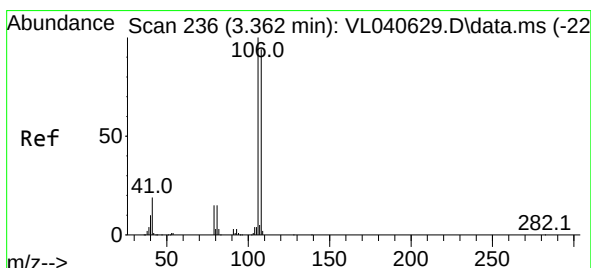
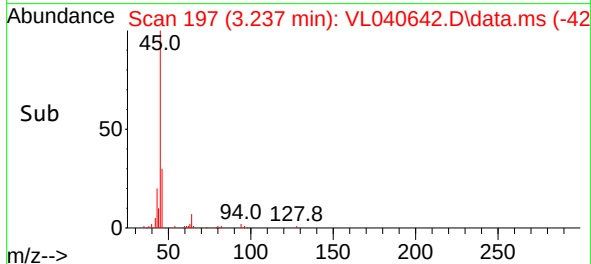
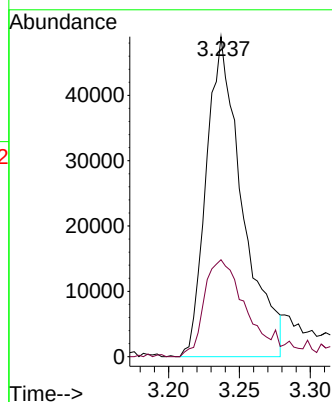
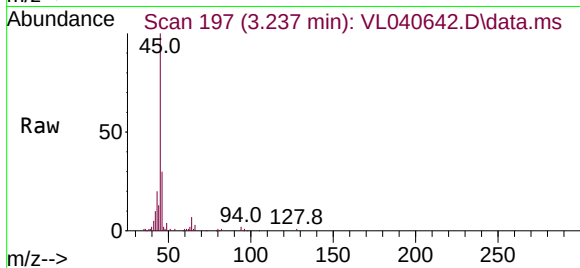




#13
Ethanol
Concen: 6.457 ppbv
RT: 3.237 min Scan# 198
Delta R.T. -0.003 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

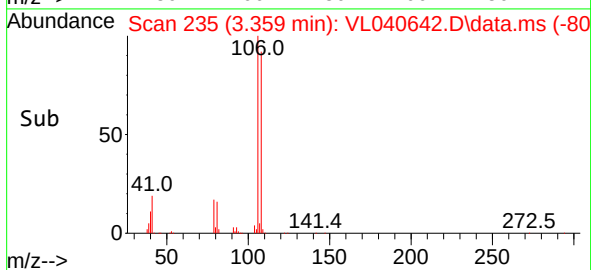
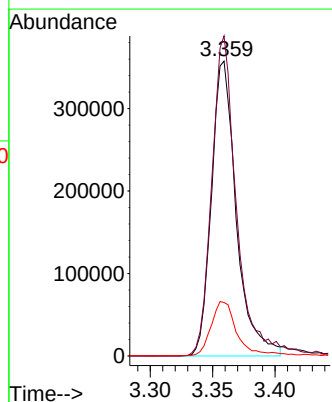
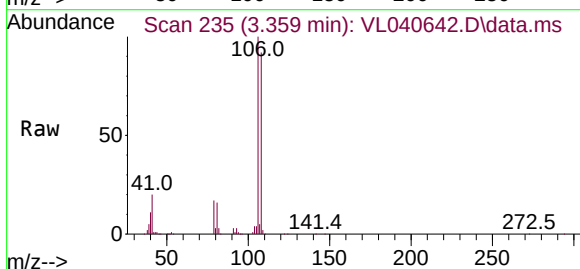
Instrument :
MSVOA_L
ClientSampleId :

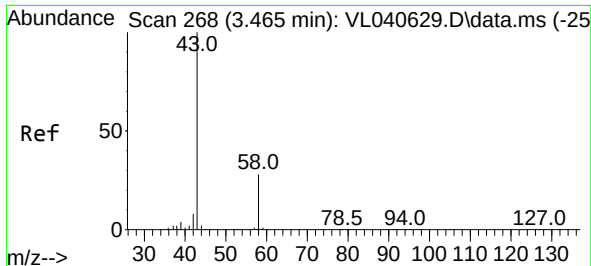
Tgt Ion: 45 Resp: 86950
Ion Ratio Lower Upper
45 100
46 37.5 14.2 56.6



#14
Bromoethene
Concen: 9.996 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.003 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion:108 Resp: 496815
Ion Ratio Lower Upper
108 100
106 110.1 87.3 130.9
79 20.0 14.4 21.6

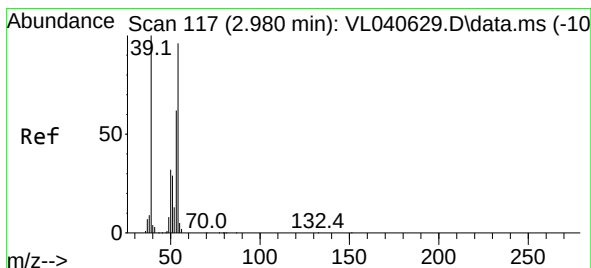
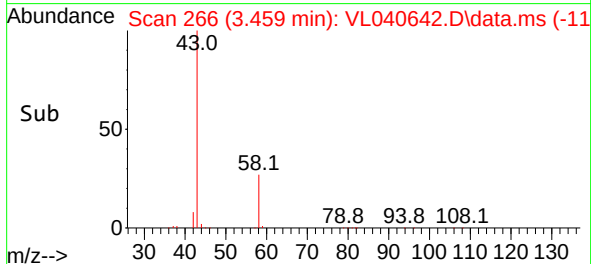
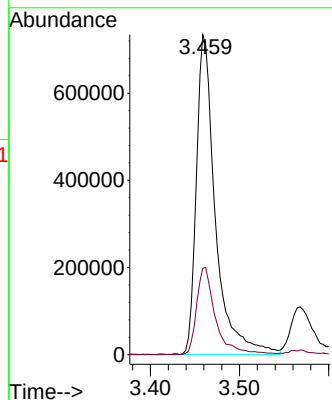
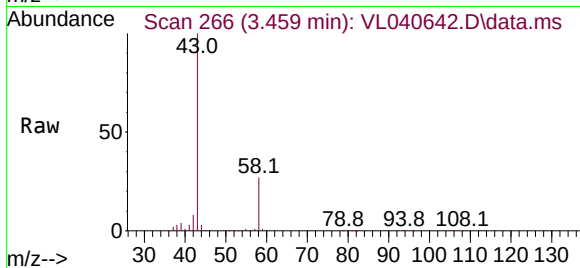




#15
Acetone
Concen: 9.395 ppbv
RT: 3.459 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

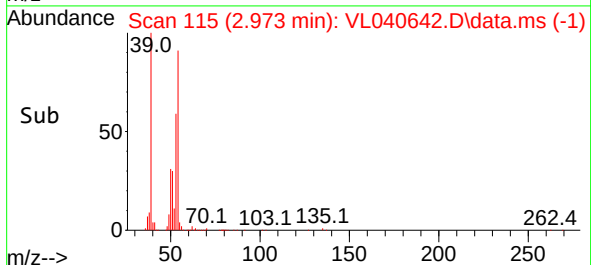
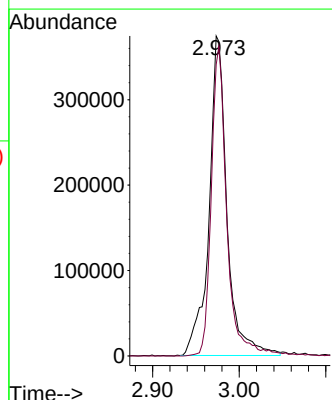
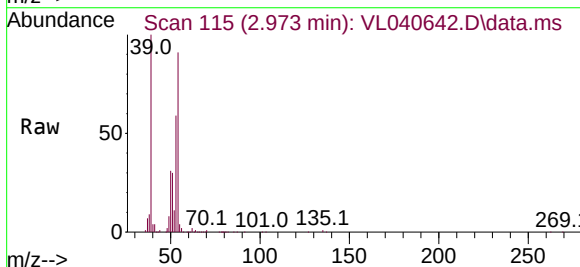
Instrument :
MSVOA_L
ClientSampleId :

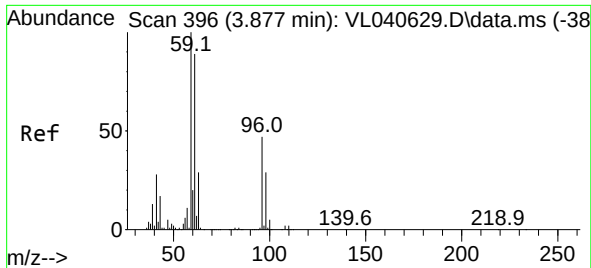
Tgt Ion: 43 Resp: 1089859
Ion Ratio Lower Upper
43 100
58 27.1 22.4 33.6



#16
1,3-Butadiene
Concen: 9.360 ppbv
RT: 2.973 min Scan# 115
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 39 Resp: 539949
Ion Ratio Lower Upper
39 100
54 84.4 66.6 99.8

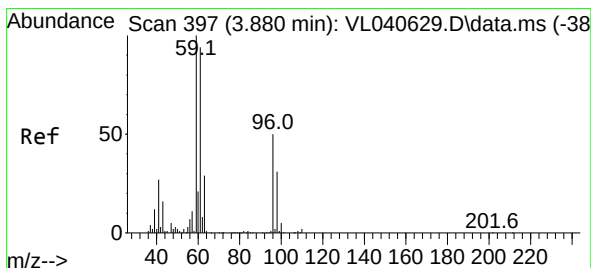
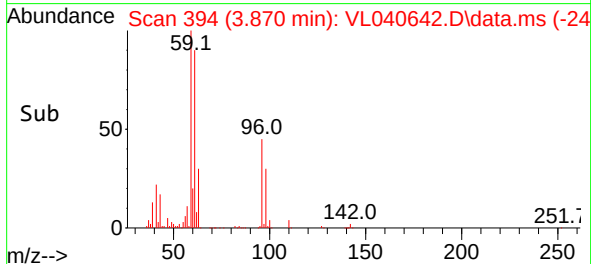
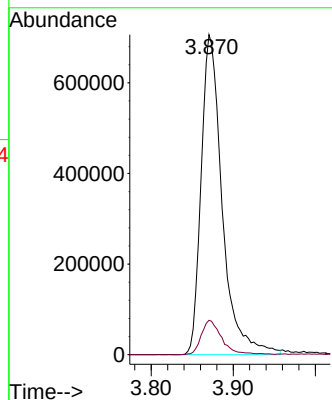
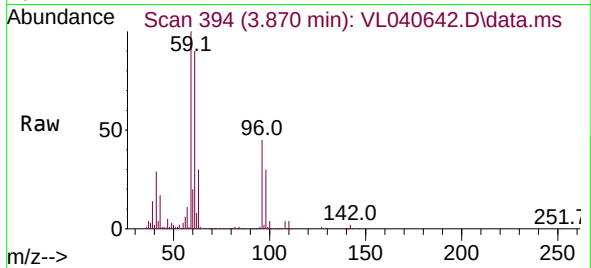




#17
tert-Butyl alcohol
Concen: 10.250 ppbv
RT: 3.870 min Scan# 396
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

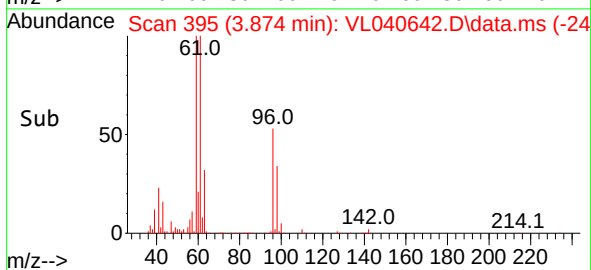
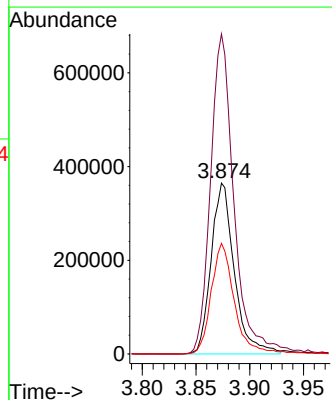
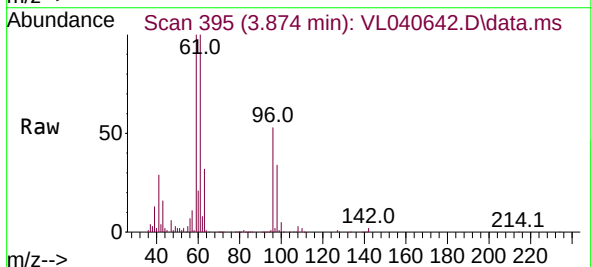
Instrument :
MSVOA_L
ClientSampleId :

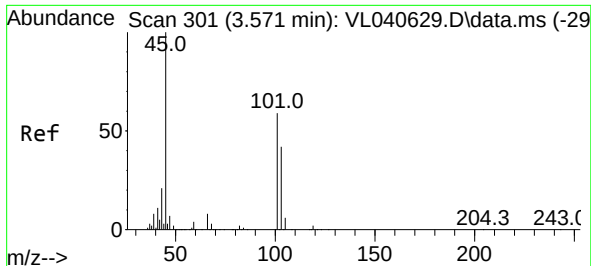
Tgt Ion: 59 Resp: 1260926
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6



#18
1,1-Dichloroethene
Concen: 9.880 ppbv
RT: 3.874 min Scan# 395
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 96 Resp: 548059
Ion Ratio Lower Upper
96 100
61 187.3 150.4 225.6
98 64.7 49.7 74.5

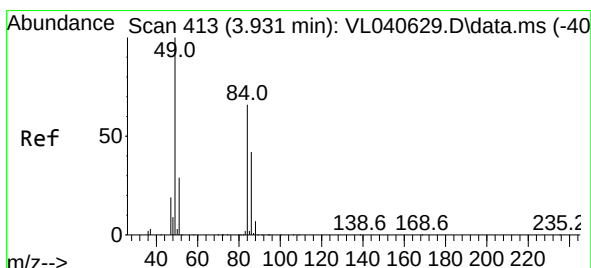
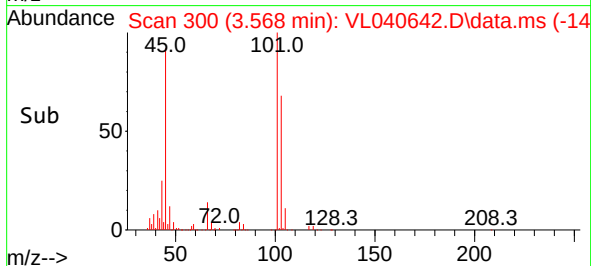
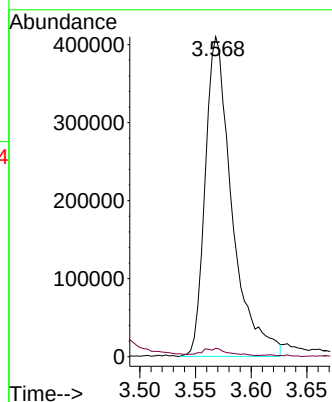
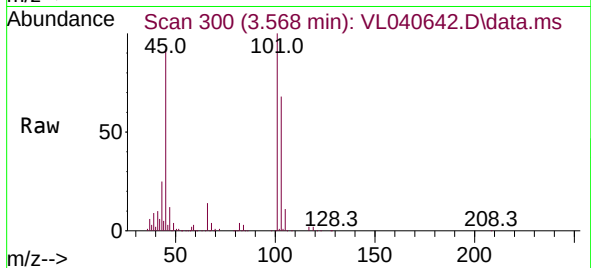




#19
Isopropyl Alcohol
Concen: 9.328 ppbv
RT: 3.568 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

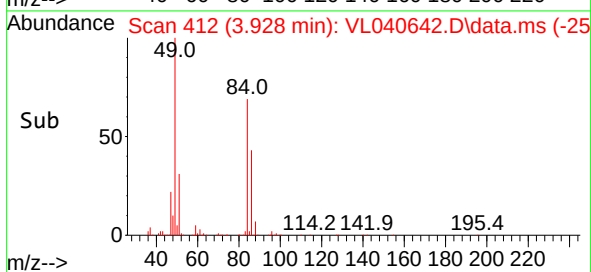
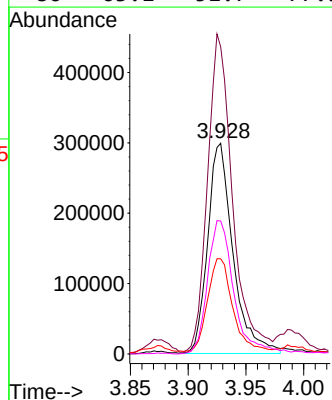
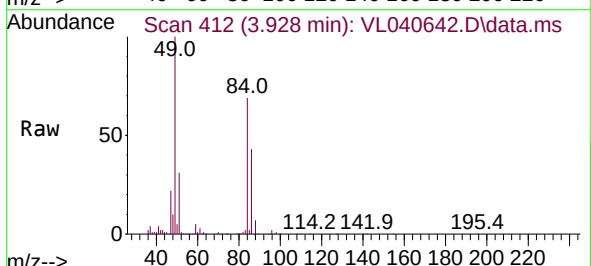
Instrument :
MSVOA_L
ClientSampleId :

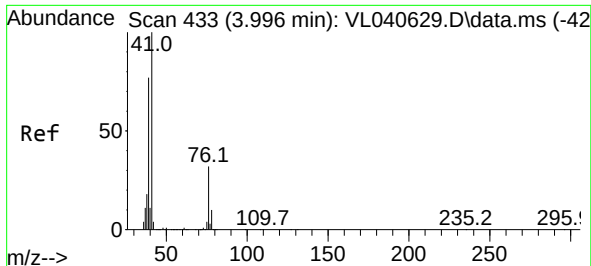
Tgt Ion: 45 Resp: 686122
Ion Ratio Lower Upper
45 100
58 3.5 1.9 2.9#



#20
Methylene Chloride
Concen: 8.056 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 84 Resp: 456650
Ion Ratio Lower Upper
84 100
49 145.3 122.1 183.1
51 43.9 35.4 53.2
86 63.1 51.7 77.5





#21

Allyl Chloride

Concen: 9.521 ppbv

RT: 3.989 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

ClientSampleId :

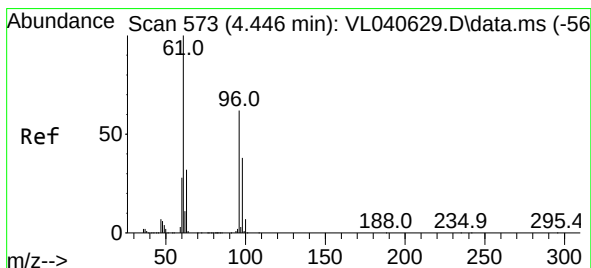
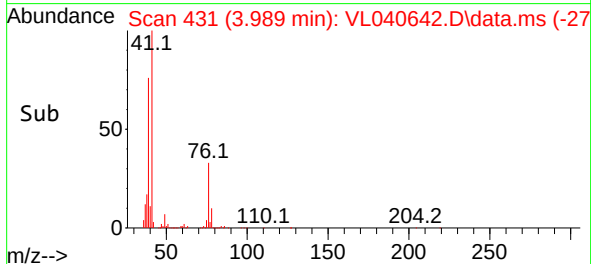
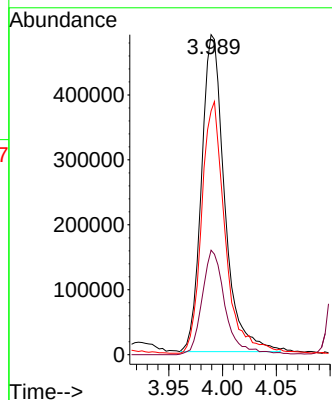
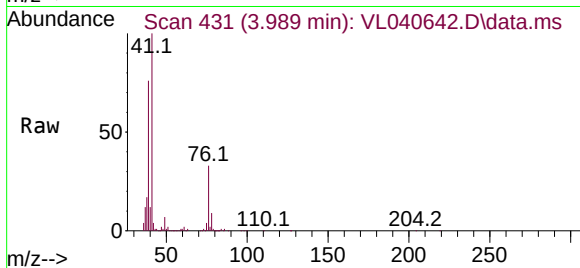
Tgt Ion: 41 Resp: 730477

Ion Ratio Lower Upper

41 100

76 33.2 25.5 38.3

39 81.2 61.8 92.6



#22

trans-1,2-Dichloroethene

Concen: 9.859 ppbv

RT: 4.439 min Scan# 571

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

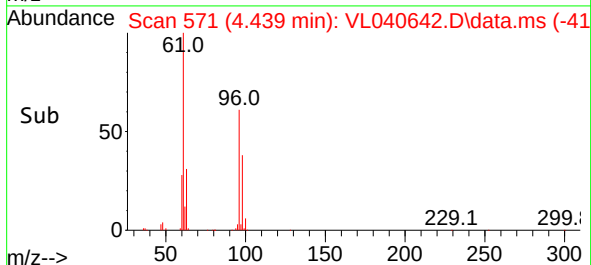
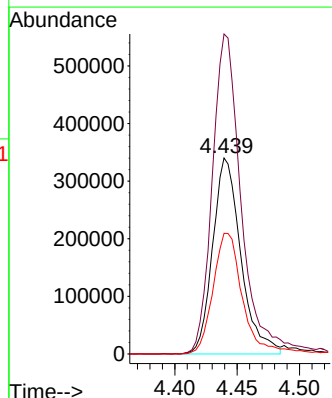
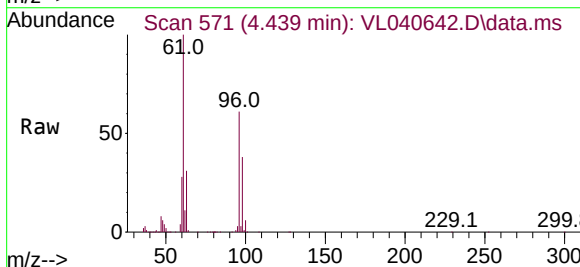
Tgt Ion: 96 Resp: 536841

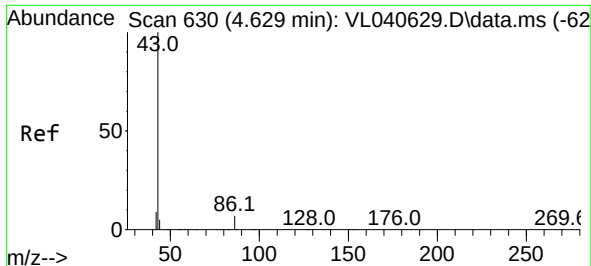
Ion Ratio Lower Upper

96 100

61 163.3 128.1 192.1

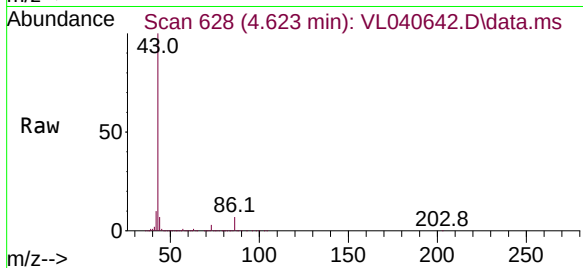
98 61.5 48.1 72.1





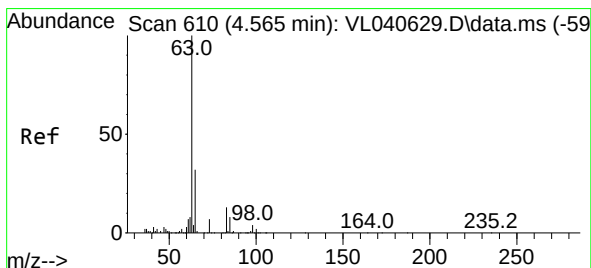
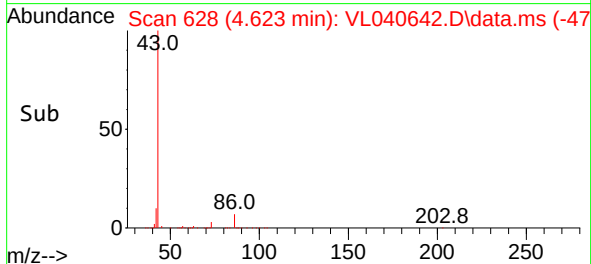
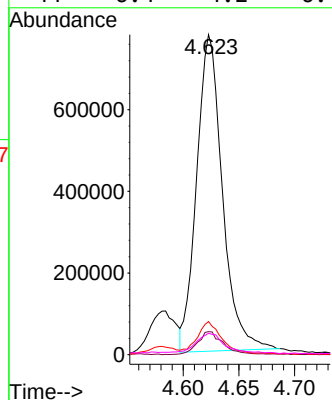
#23
 Vinyl Acetate
 Concen: 9.437 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: VL040642.D
 Acq: 15 Aug 2023 21:29

Instrument :
 MSVOA_1
 ClientSampleId :



Tgt Ion: 43 Resp: 1247418

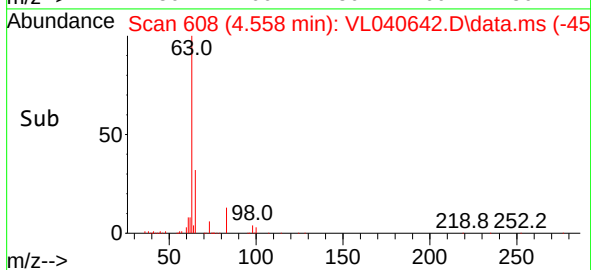
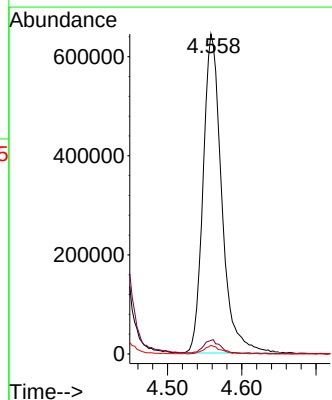
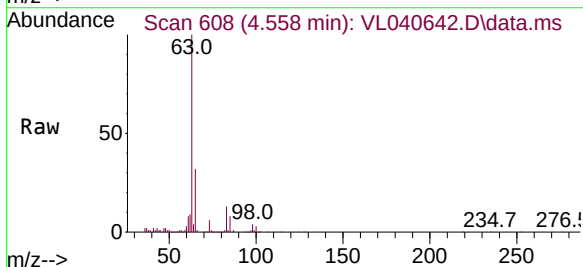
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.0	7.6
42	10.3	7.8	11.8
44	6.4	4.2	6.4

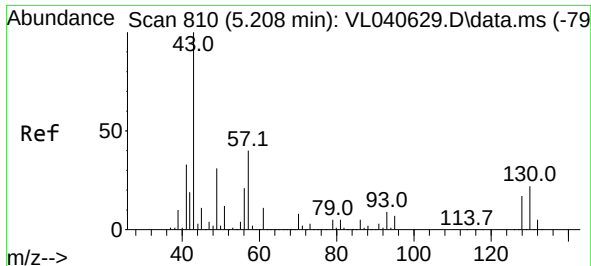


#24
 1,1-Dichloroethane
 Concen: 9.884 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.006 min
 Lab File: VL040642.D
 Acq: 15 Aug 2023 21:29

Tgt Ion: 63 Resp: 1117237

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.0	6.0
100	2.7	1.1	3.3





#25

Ethyl Acetate

Concen: 8.880 ppbv

RT: 5.201 min Scan# 80

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 43 Resp: 1934643

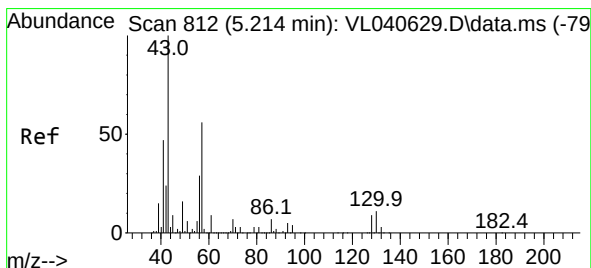
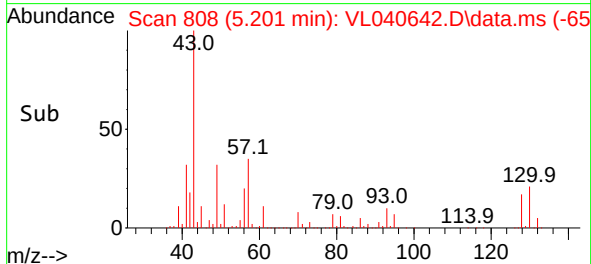
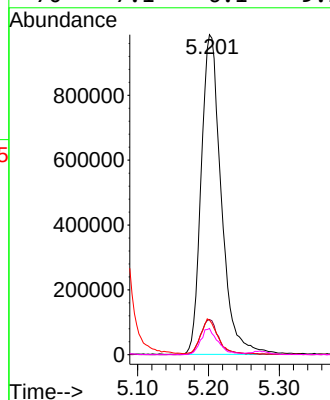
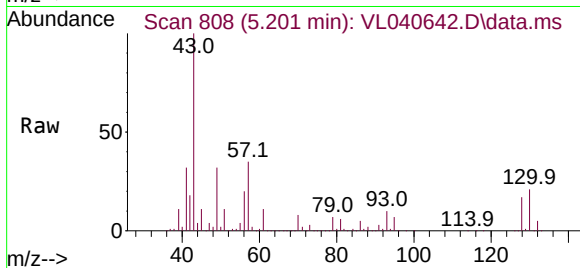
Ion Ratio Lower Upper

43 100

45 10.3 8.2 12.4

61 10.0 8.3 12.5

70 7.1 6.1 9.1



#26

Hexane

Concen: 7.974 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.003 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Tgt Ion: 57 Resp: 840505

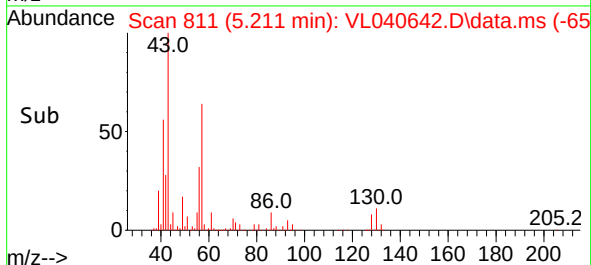
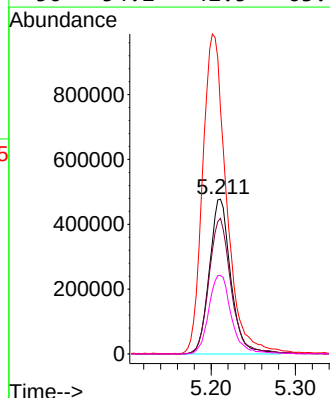
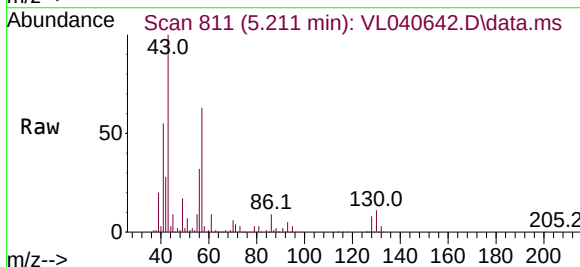
Ion Ratio Lower Upper

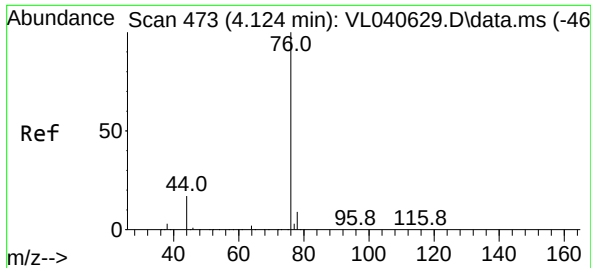
57 100

41 91.6 69.3 103.9

43 231.4 177.9 266.9

56 54.2 42.5 63.7

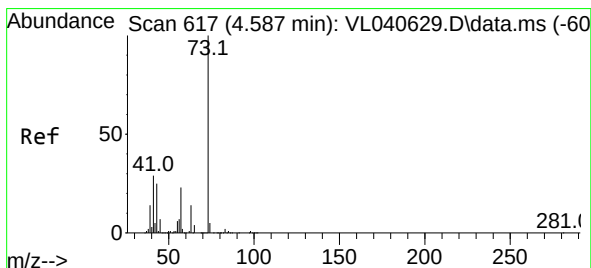
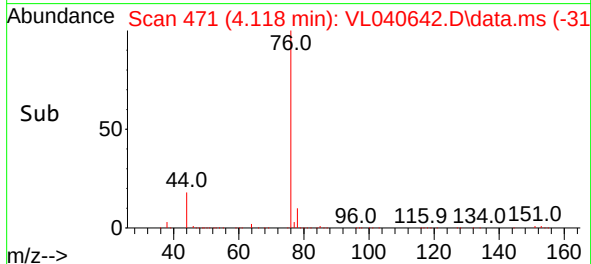
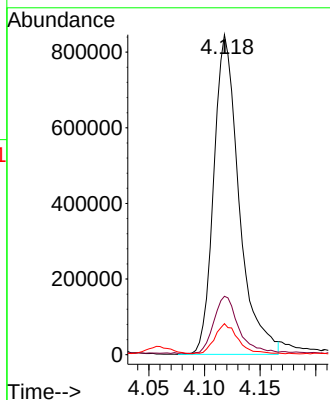
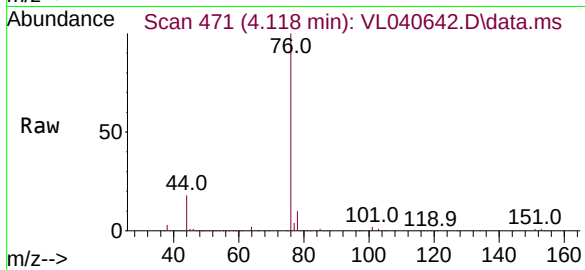




#27
Carbon Disulfide
Concen: 10.634 ppbv
RT: 4.118 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

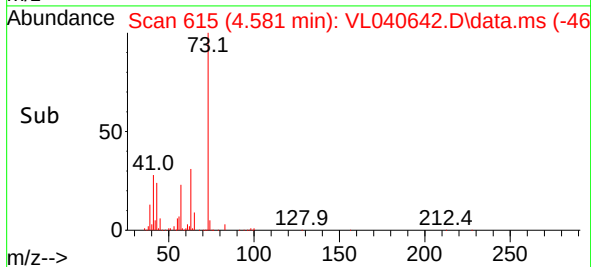
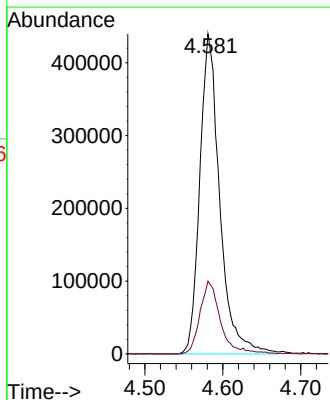
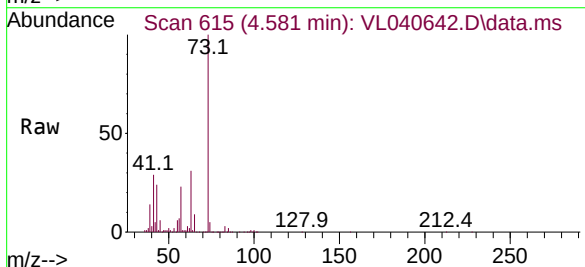
Instrument :
MSVOA_L
ClientSampleId :

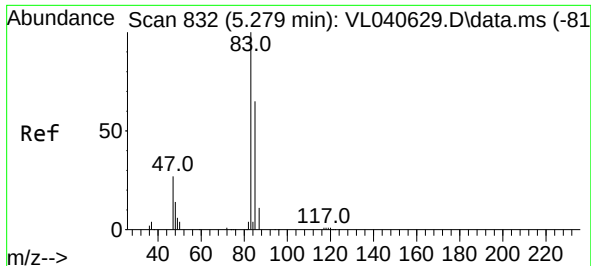
Tgt Ion: 76 Resp: 1334488
Ion Ratio Lower Upper
76 100
44 18.4 14.3 21.5
78 9.6 7.4 11.0



#28
Methyl tert-Butyl Ether
Concen: 9.584 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 73 Resp: 780992
Ion Ratio Lower Upper
73 100
57 23.5 18.9 28.3





#29

Chloroform

Concen: 9.067 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

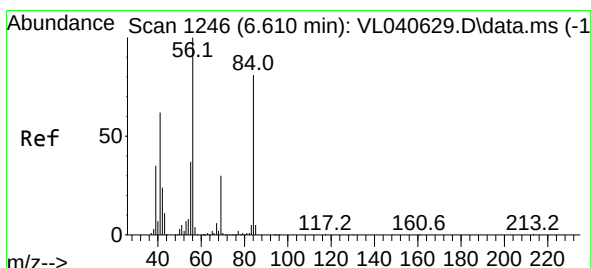
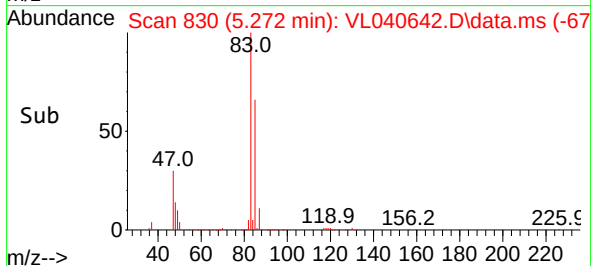
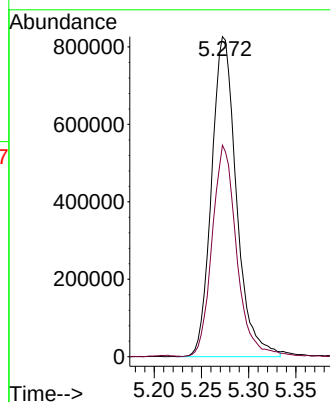
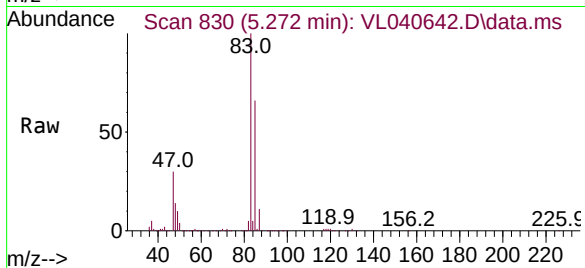
ClientSampleId :

Tgt Ion: 83 Resp: 1512807

Ion Ratio Lower Upper

83 100

85 66.0 52.2 78.2



#30

Cyclohexane

Concen: 8.831 ppbv

RT: 6.600 min Scan# 1243

Delta R.T. -0.010 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

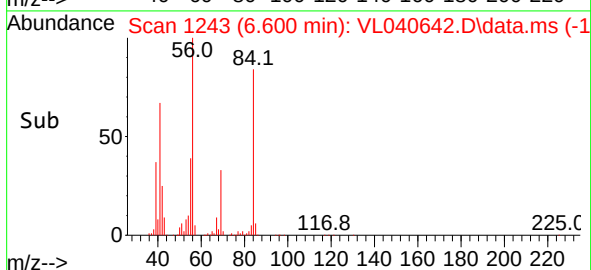
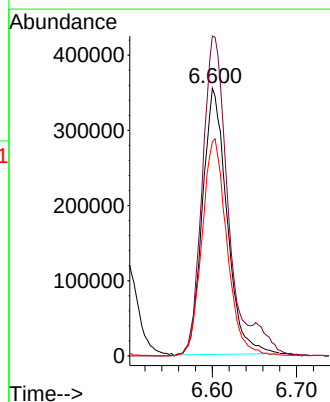
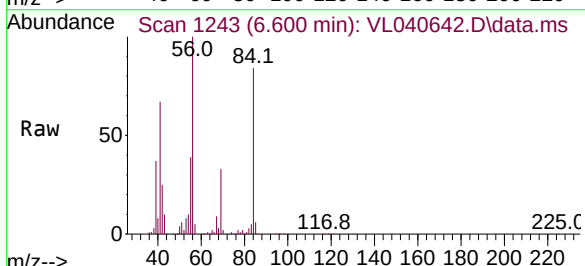
Tgt Ion: 84 Resp: 712227

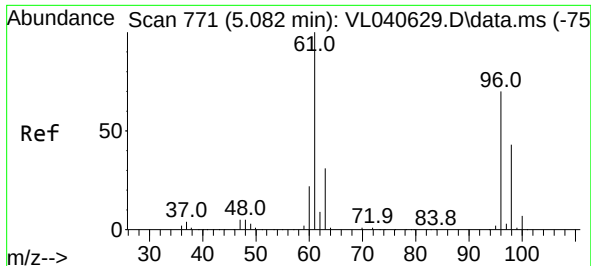
Ion Ratio Lower Upper

84 100

56 131.1 105.4 158.2

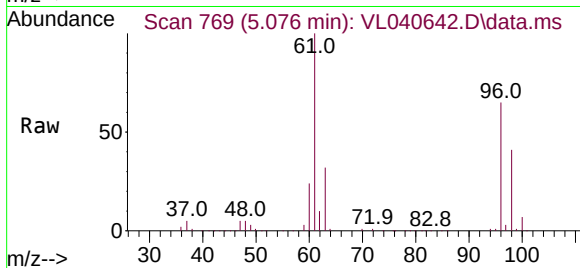
41 84.0 64.2 96.2



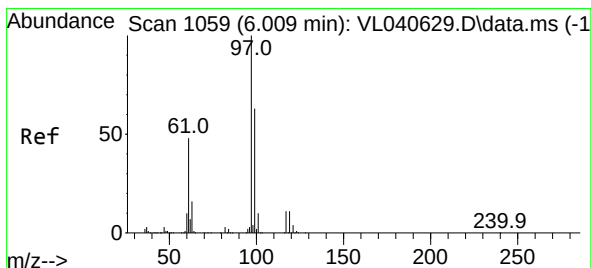
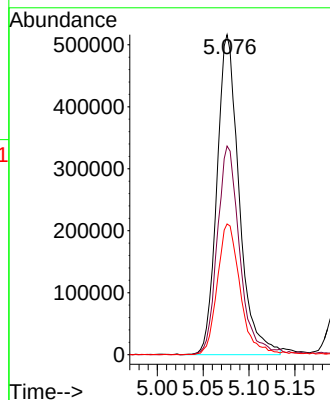
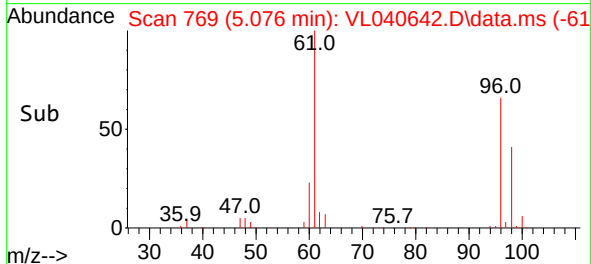


#31
 cis-1,2-Dichloroethene
 Concen: 9.145 ppbv
 RT: 5.076 min Scan# 771
 Delta R.T. -0.006 min
 Lab File: VL040642.D
 Acq: 15 Aug 2023 21:29

Instrument :
 MSVOA_L
 ClientSampleId :

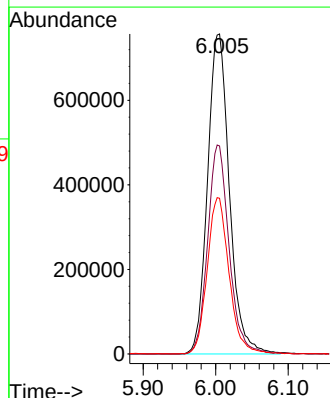
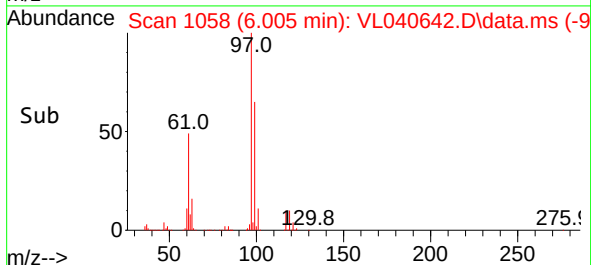
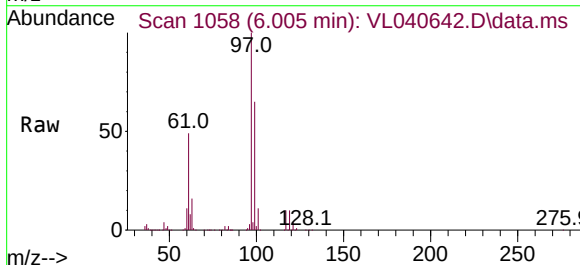


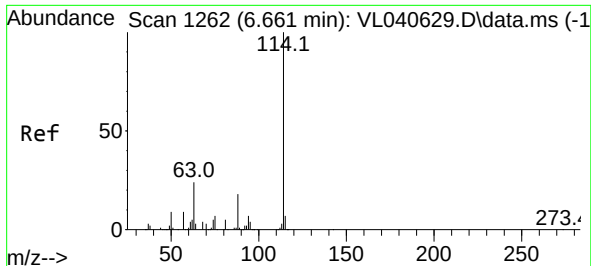
Tgt Ion: 61 Resp: 869976
 Ion Ratio Lower Upper
 61 100
 96 65.2 55.8 83.6
 98 40.9 34.8 52.2



#32
 1,1,1-Trichloroethane
 Concen: 9.919 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.003 min
 Lab File: VL040642.D
 Acq: 15 Aug 2023 21:29

Tgt Ion: 97 Resp: 1584630
 Ion Ratio Lower Upper
 97 100
 99 64.2 51.2 76.8
 61 49.0 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 11

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

ClientSampleId :

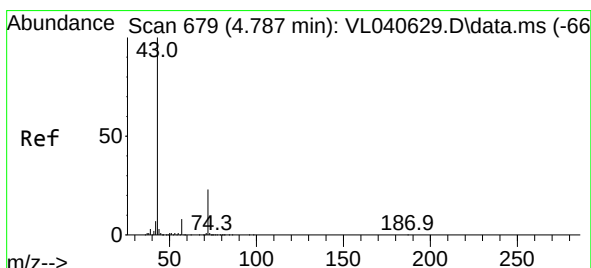
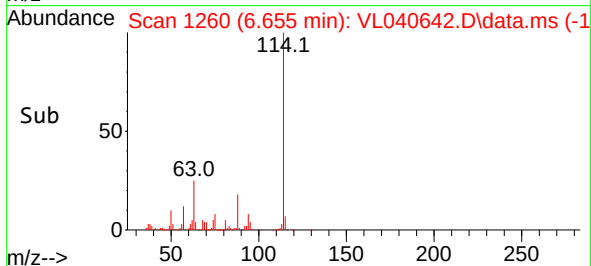
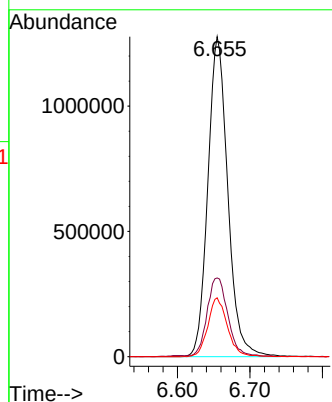
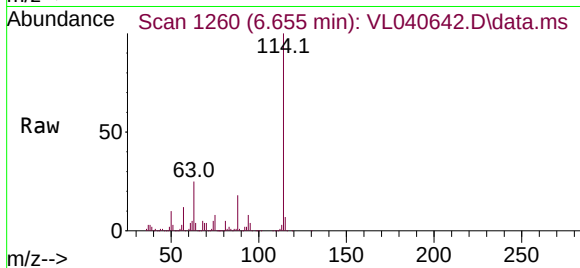
Tgt Ion:114 Resp: 2433530

Ion Ratio Lower Upper

114 100

63 26.3 20.2 30.2

88 18.1 14.1 21.1



#34

2-Butanone

Concen: 9.590 ppbv

RT: 4.783 min Scan# 678

Delta R.T. -0.003 min

Lab File: VL040642.D

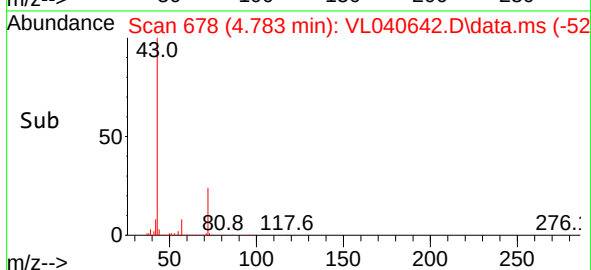
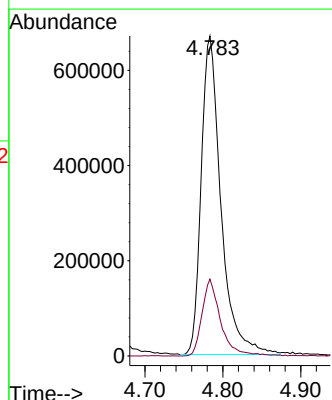
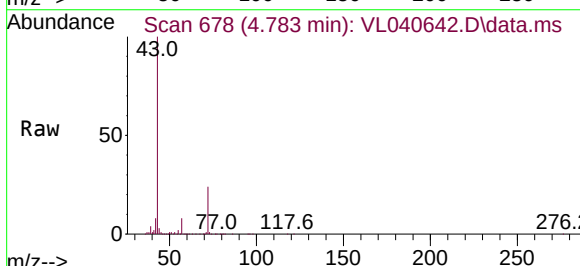
Acq: 15 Aug 2023 21:29

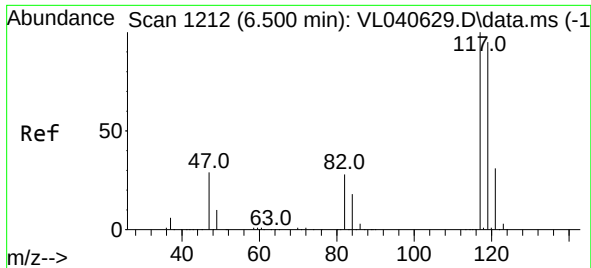
Tgt Ion: 43 Resp: 1176837

Ion Ratio Lower Upper

43 100

72 22.9 19.2 28.8

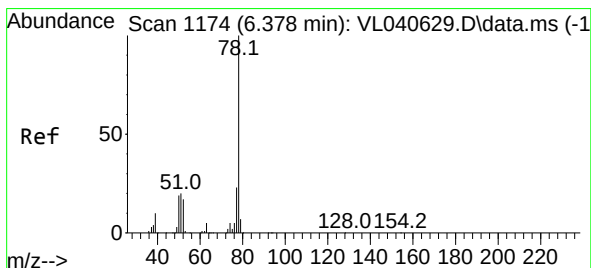
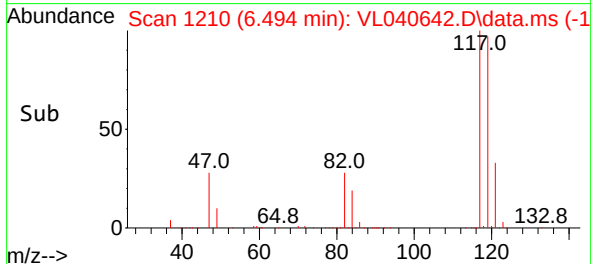
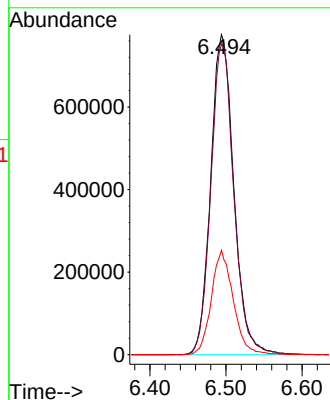
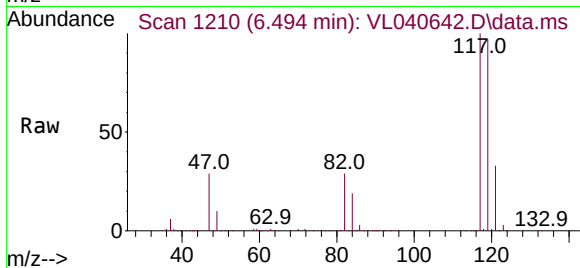




#35
Carbon Tetrachloride
Concen: 10.767 ppbv
RT: 6.494 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

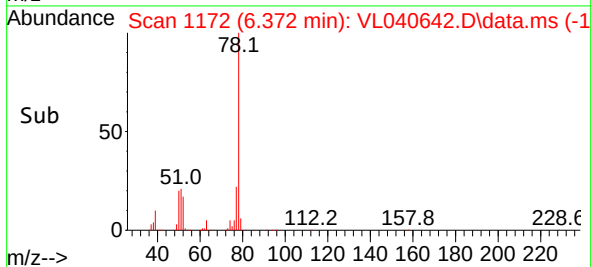
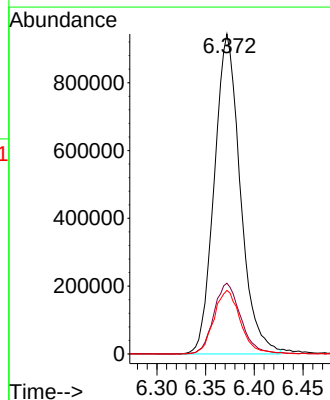
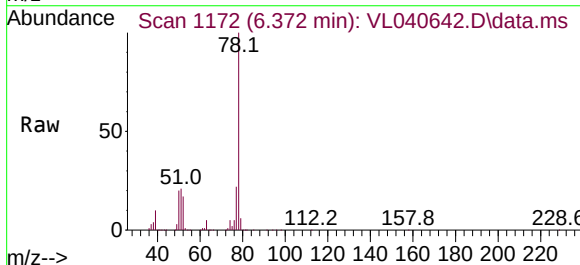
Instrument :
MSVOA_L
ClientSampleId :

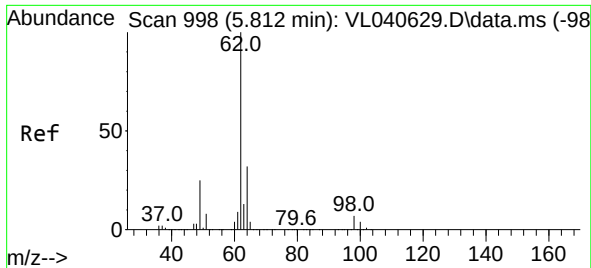
Tgt Ion:117 Resp: 1639453
Ion Ratio Lower Upper
117 100
119 97.0 75.6 113.4
121 32.6 24.9 37.3



#36
Benzene
Concen: 9.048 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 78 Resp: 1751659
Ion Ratio Lower Upper
78 100
77 22.1 18.2 27.2
50 19.9 15.0 22.6

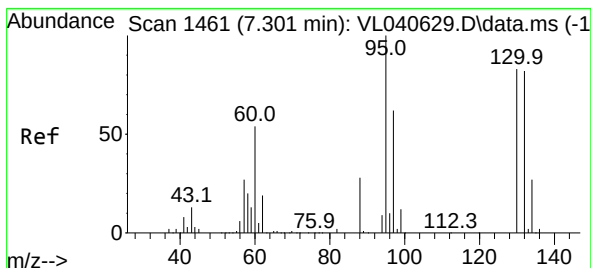
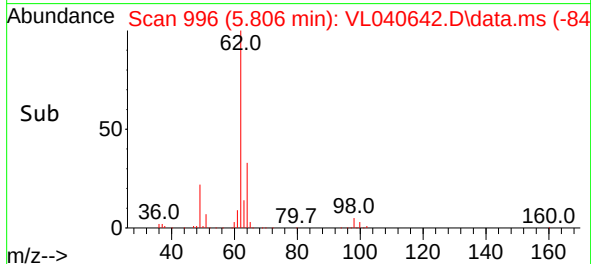
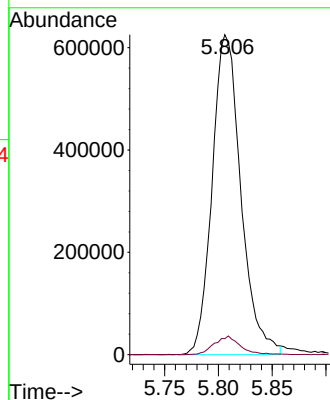
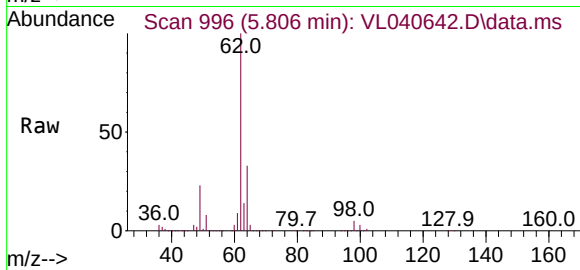




#37
1,2-Dichloroethane
Concen: 9.954 ppbv
RT: 5.806 min Scan# 998
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

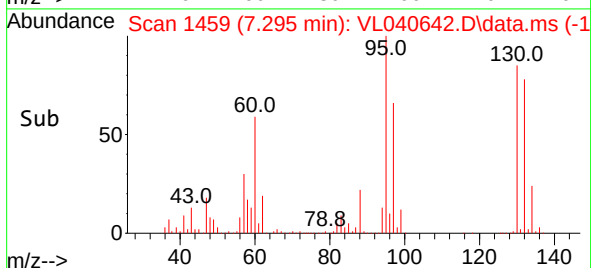
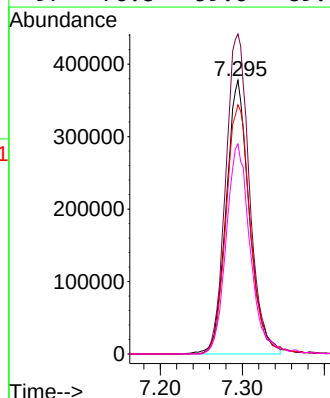
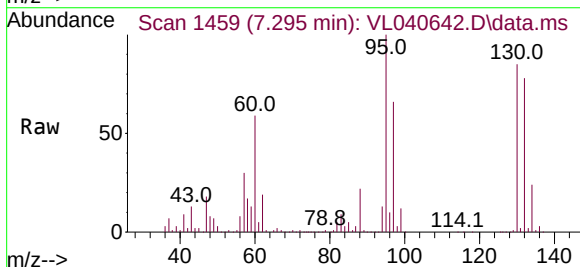
Instrument :
MSVOA_L
ClientSampleId :

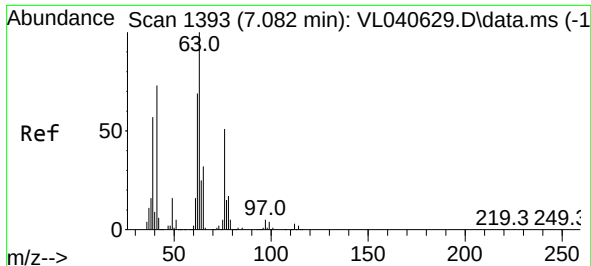
Tgt Ion: 62 Resp: 1162255
Ion Ratio Lower Upper
62 100
98 5.4 4.9 7.3



#38
Trichloroethene
Concen: 9.877 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion:130 Resp: 740439
Ion Ratio Lower Upper
130 100
95 117.0 95.9 143.9
132 91.1 79.0 118.4
97 76.8 59.6 89.4





#39

1,2-Dichloropropane

Concen: 9.220 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

ClientSampleId :

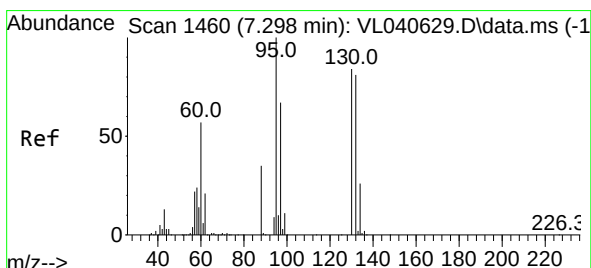
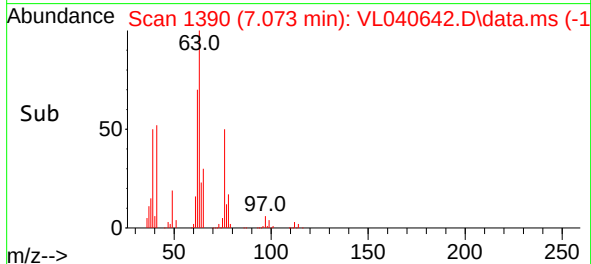
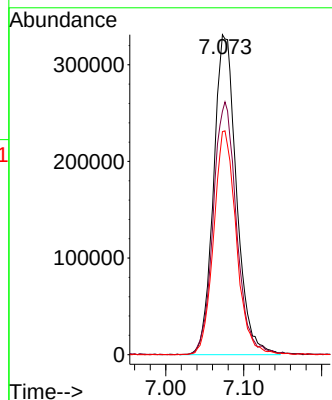
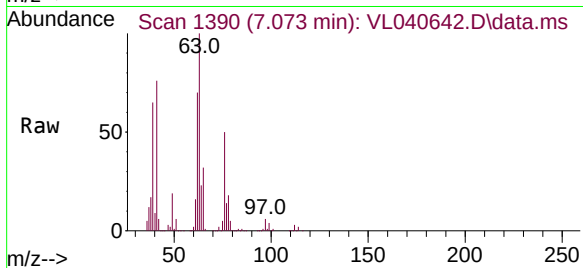
Tgt Ion: 63 Resp: 679105

Ion Ratio Lower Upper

63 100

41 76.1 58.2 87.2

62 69.6 55.0 82.4



#40

1,4-Dioxane

Concen: 7.654 ppbv

RT: 7.288 min Scan# 1457

Delta R.T. -0.010 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Tgt Ion: 88 Resp: 213583

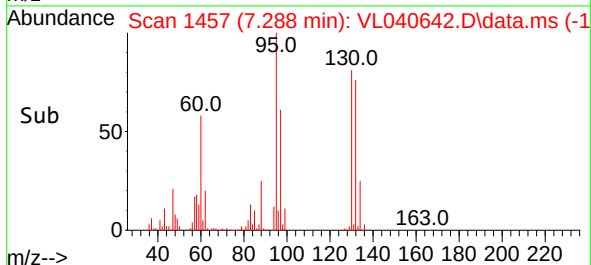
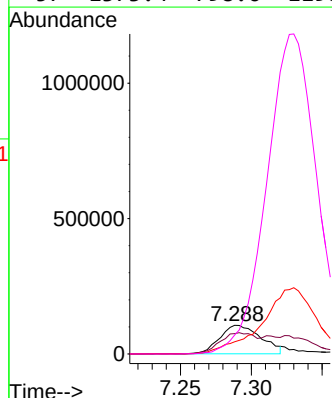
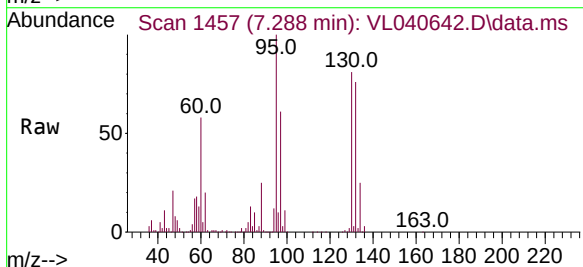
Ion Ratio Lower Upper

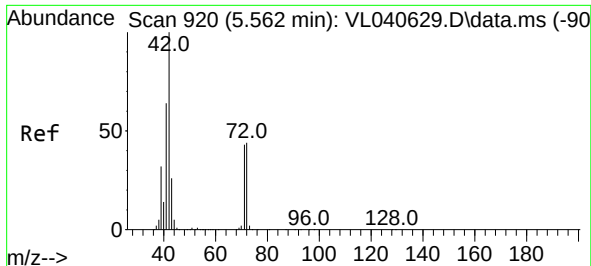
88 100

58 144.3 92.8 139.2#

43 305.2 179.1 268.7#

57 1373.4 798.6 1198.0#





#41

Tetrahydrofuran

Concen: 9.261 ppbv

RT: 5.555 min Scan# 918

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

ClientSampleId :

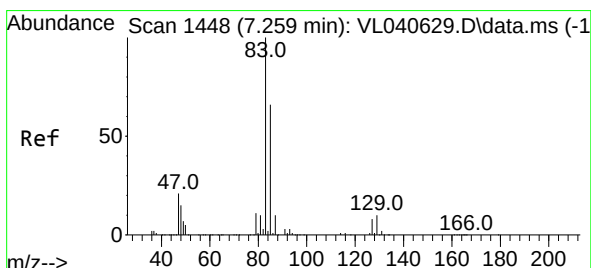
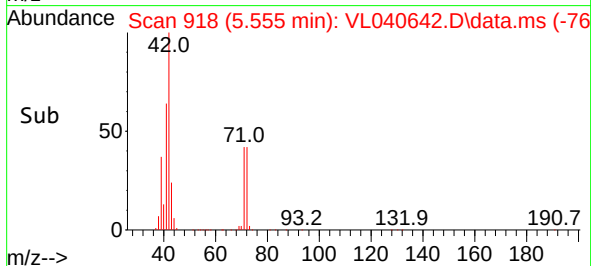
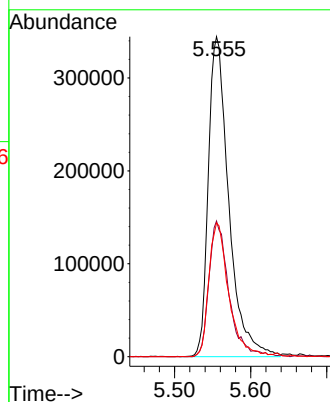
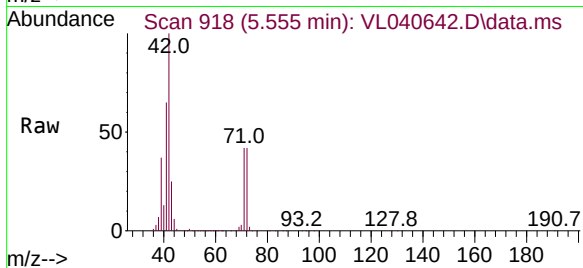
Tgt Ion: 42 Resp: 642364

Ion Ratio Lower Upper

42 100

72 41.4 34.2 51.4

71 41.5 33.4 50.0



#42

Bromodichloromethane

Concen: 10.305 ppbv

RT: 7.253 min Scan# 1446

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

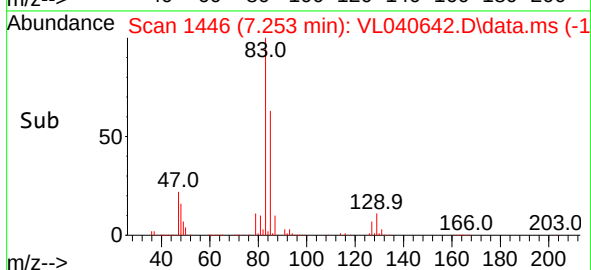
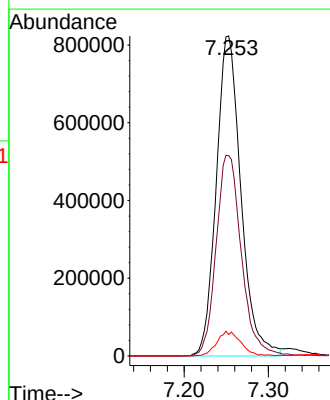
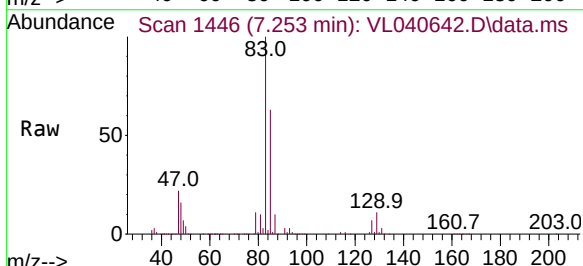
Tgt Ion: 83 Resp: 1674760

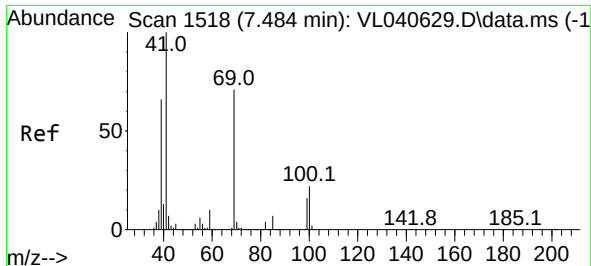
Ion Ratio Lower Upper

83 100

85 62.6 52.5 78.7

127 6.7 6.1 9.1

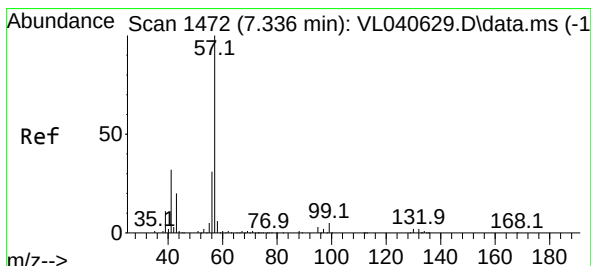
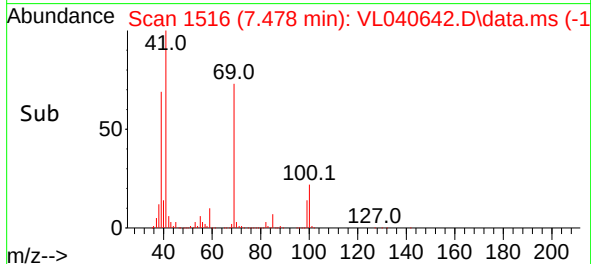
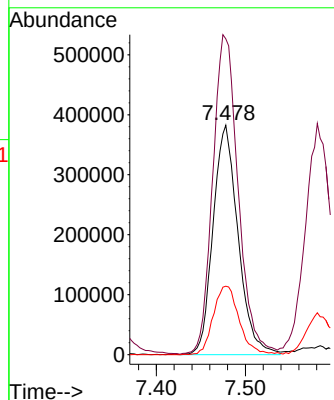
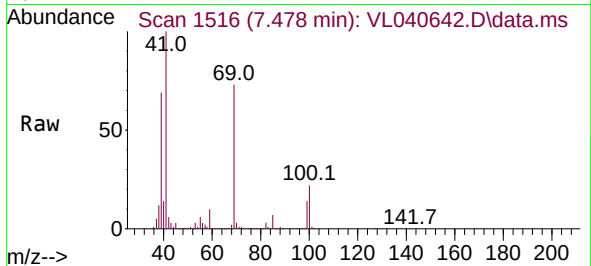




#43
Methyl Methacrylate
Concen: 10.300 ppbv
RT: 7.478 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

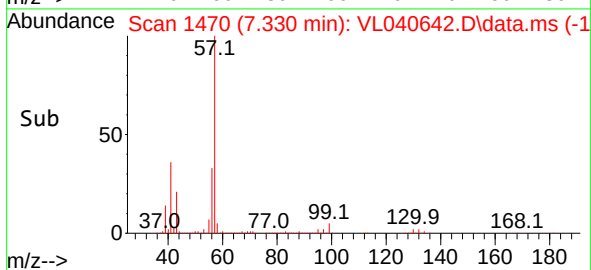
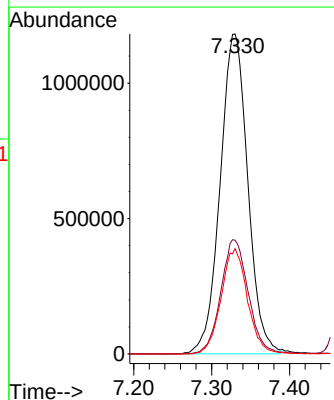
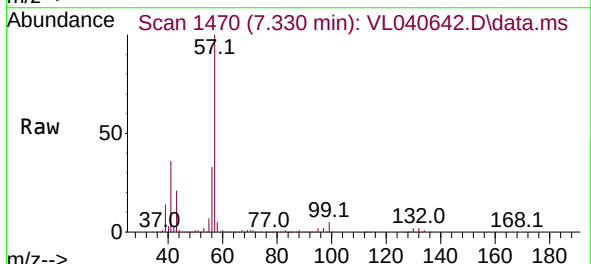
Instrument :
MSVOA_L
ClientSampleId :

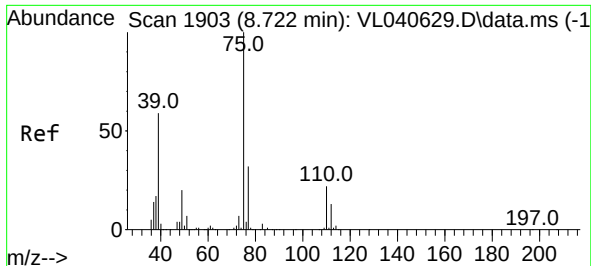
Tgt Ion: 69 Resp: 746670
Ion Ratio Lower Upper
69 100
41 142.2 111.8 167.8
100 30.7 25.8 38.6



#44
2,2,4-Trimethylpentane
Concen: 9.301 ppbv
RT: 7.330 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 57 Resp: 2910396
Ion Ratio Lower Upper
57 100
41 35.6 26.2 39.4
56 31.5 24.7 37.1





#45

t-1,3-Dichloropropene

Concen: 11.291 ppbv

RT: 8.716 min Scan# 1901

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

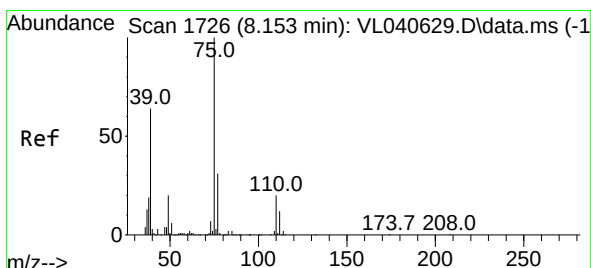
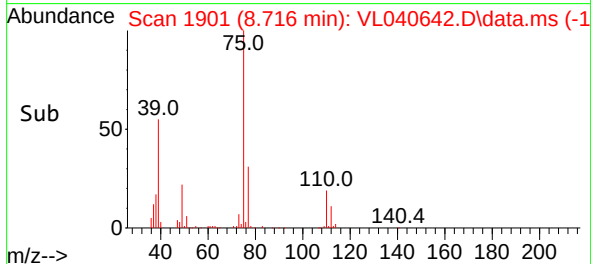
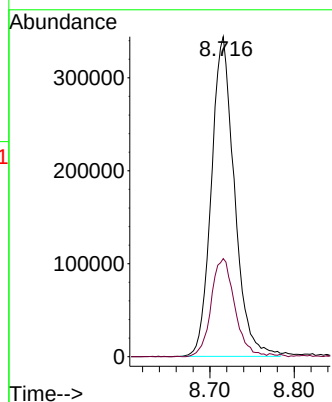
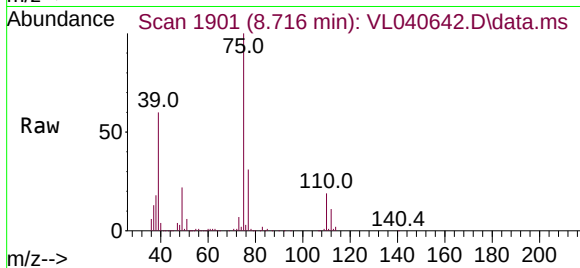
ClientSampleId :

Tgt Ion: 75 Resp: 653634

Ion Ratio Lower Upper

75 100

77 30.7 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 10.846 ppbv

RT: 8.147 min Scan# 1724

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

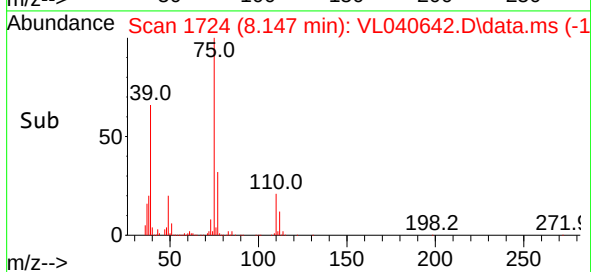
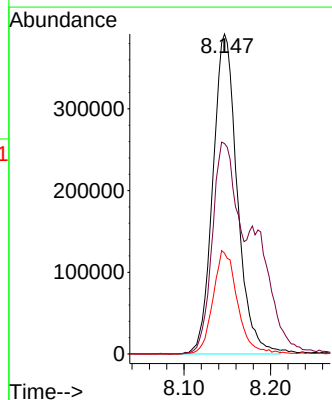
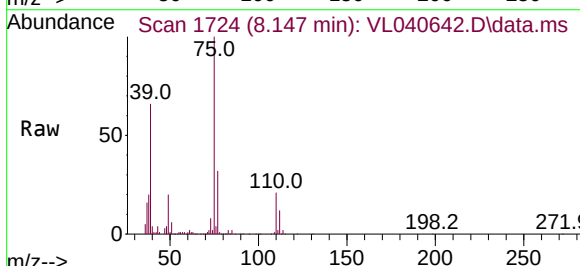
Tgt Ion: 75 Resp: 765938

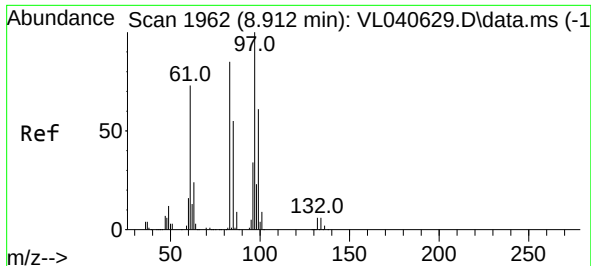
Ion Ratio Lower Upper

75 100

39 65.7 51.0 76.4

77 31.5 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 9.221 ppbv

RT: 8.902 min Scan# 1962

Delta R.T. -0.010 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

ClientSampleId :

Tgt Ion: 97 Resp: 767197

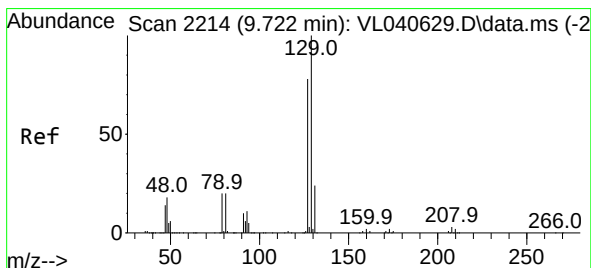
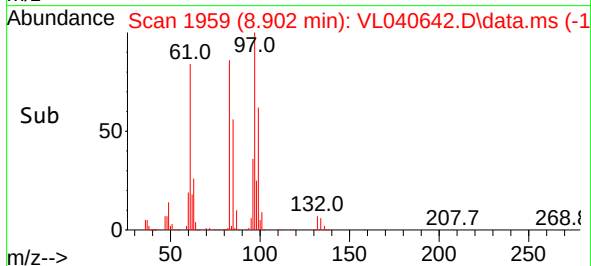
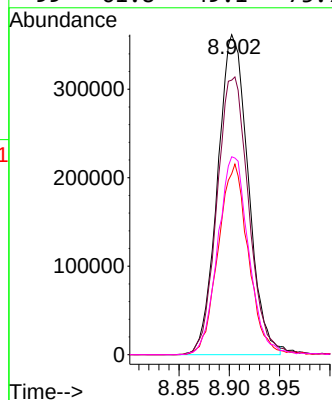
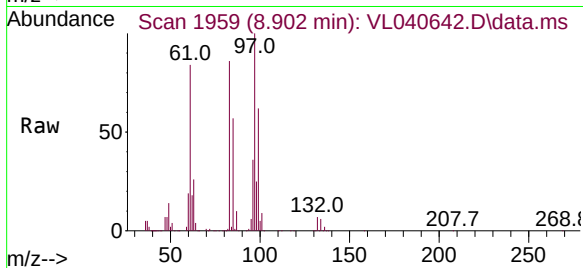
Ion Ratio Lower Upper

97 100

83 85.6 67.8 101.8

85 56.5 44.0 66.0

99 61.8 49.1 73.7



#48

Dibromochloromethane

Concen: 10.590 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. -0.006 min

Lab File: VL040642.D

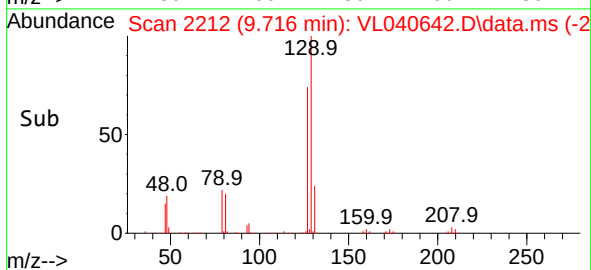
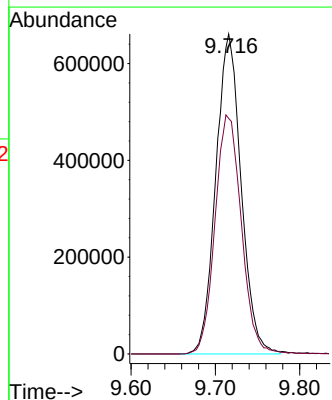
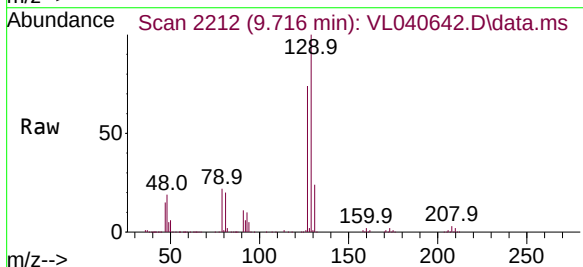
Acq: 15 Aug 2023 21:29

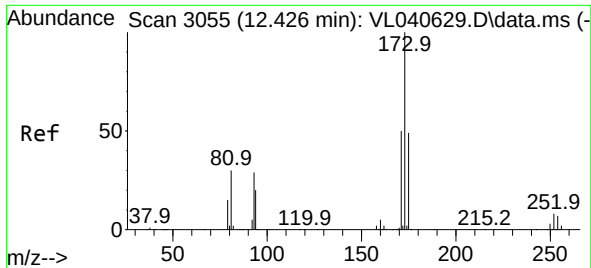
Tgt Ion: 129 Resp: 1378860

Ion Ratio Lower Upper

129 100

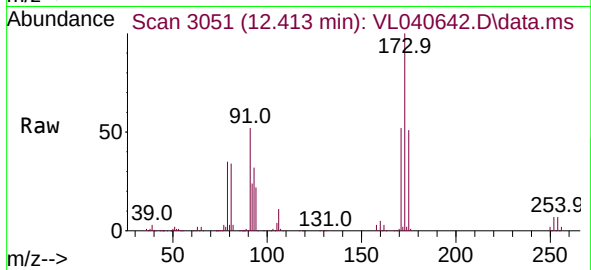
127 77.7 38.9 116.7





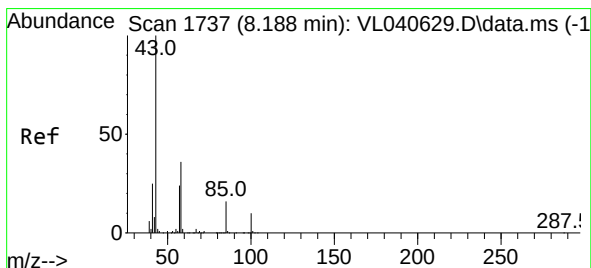
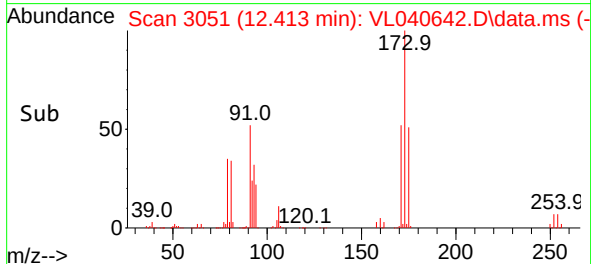
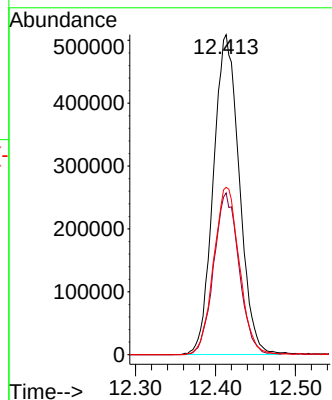
#49
Bromoform
Concen: 10.963 ppbv
RT: 12.413 min Scan# 3051
Delta R.T. -0.013 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Instrument : MSVOA_L
ClientSampleId :



Tgt Ion:173 Resp: 1143702

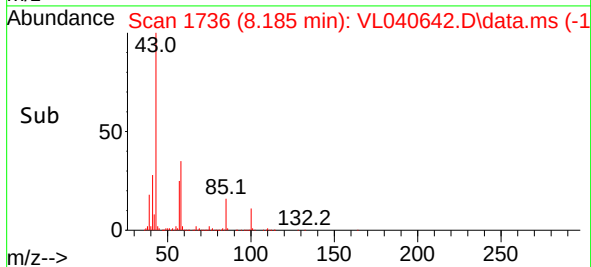
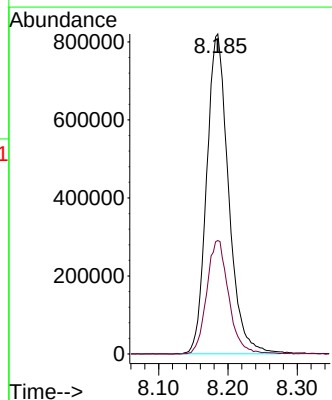
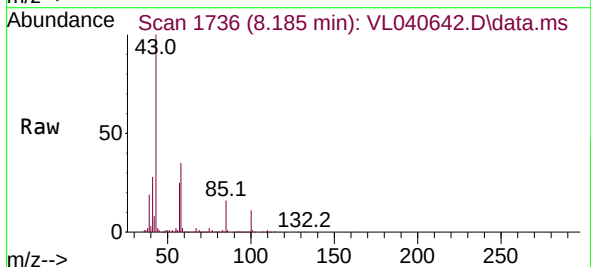
Ion	Ratio	Lower	Upper
173	100		
175	49.7	39.0	58.6
171	52.3	41.9	62.9

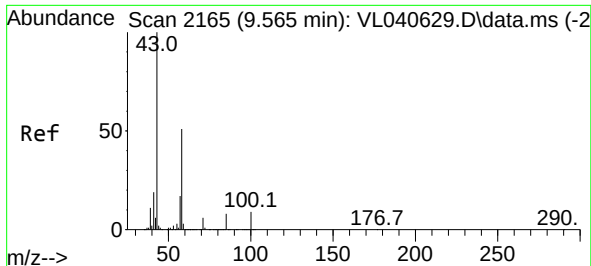


#50
4-Methyl-2-Pentanone
Concen: 10.040 ppbv
RT: 8.185 min Scan# 1736
Delta R.T. -0.003 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 43 Resp: 1799968

Ion	Ratio	Lower	Upper
43	100		
58	35.7	29.2	43.8

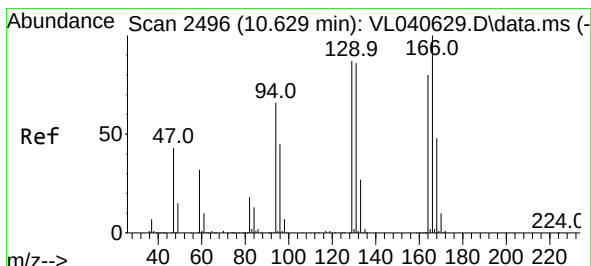
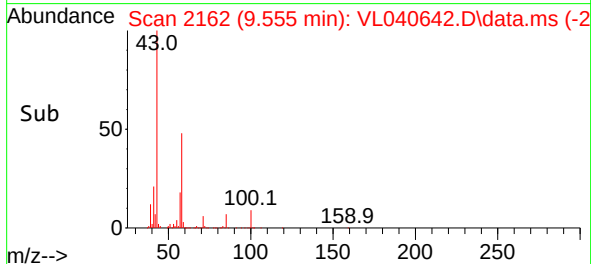
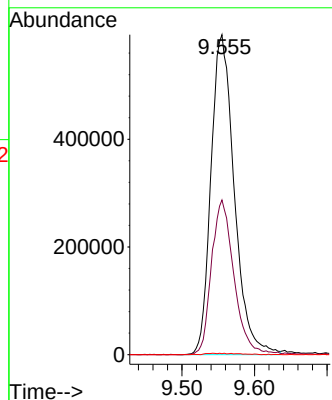
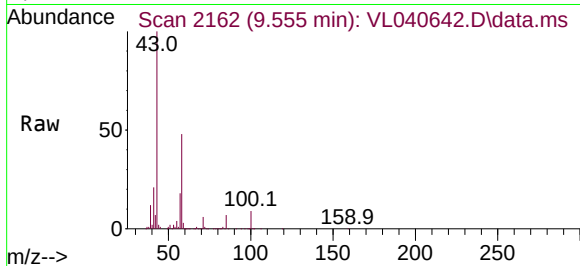




#51
2-Hexanone
Concen: 10.513 ppbv
RT: 9.555 min Scan# 2165
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

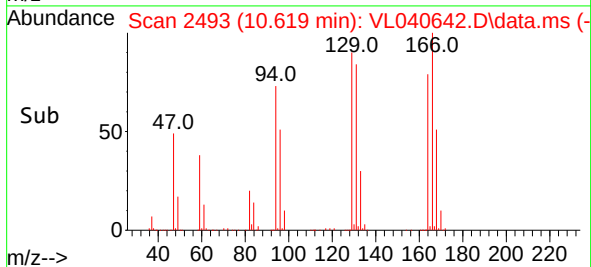
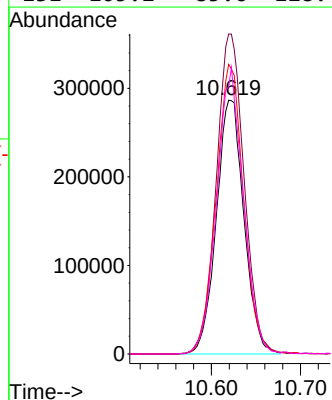
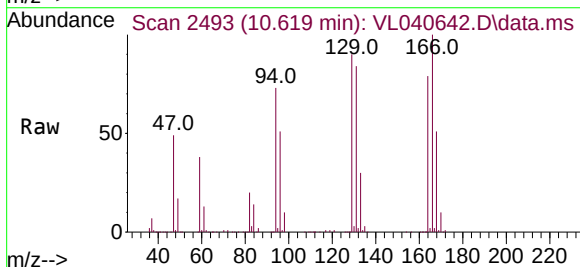
Instrument :
MSVOA_L
ClientSampleId :

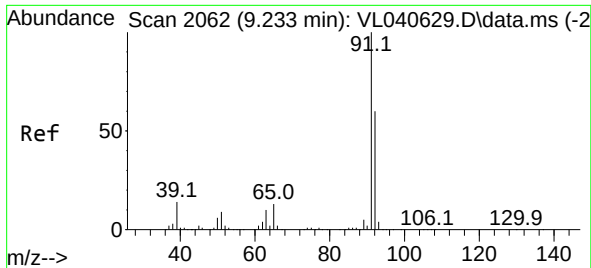
Tgt Ion: 43 Resp: 1328069
Ion Ratio Lower Upper
43 100
58 47.0 39.4 59.2
98 0.7 0.4 0.6#



#52
Tetrachloroethene
Concen: 10.174 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion:164 Resp: 616838
Ion Ratio Lower Upper
164 100
166 125.9 99.5 149.3
129 114.0 86.9 130.3
131 105.2 85.6 128.4

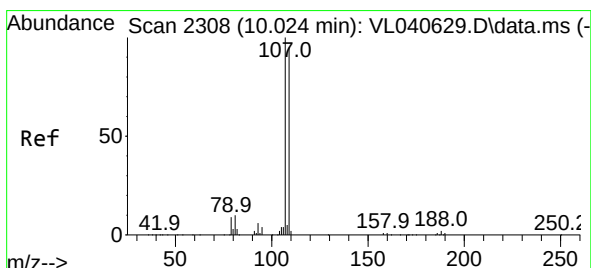
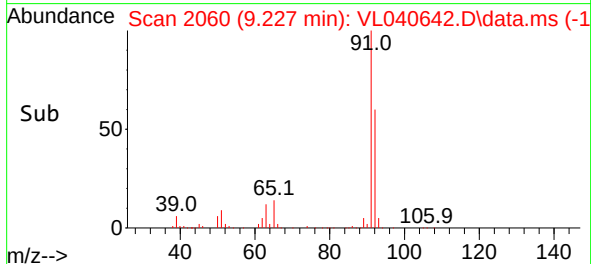
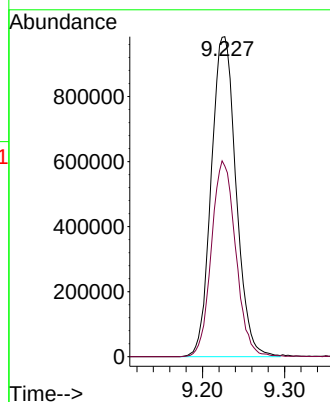
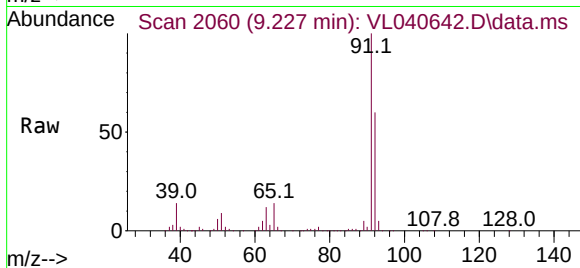




#53
Toluene
Concen: 10.060 ppbv
RT: 9.227 min Scan# 2062
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

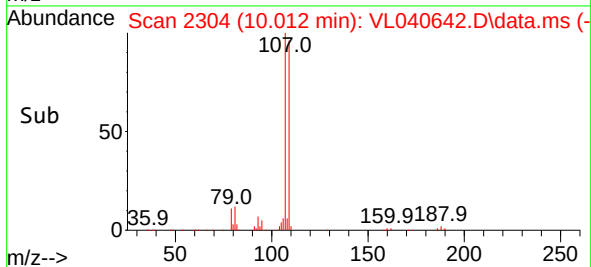
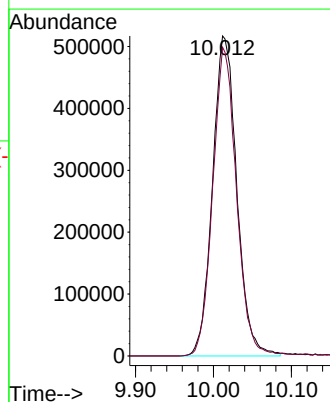
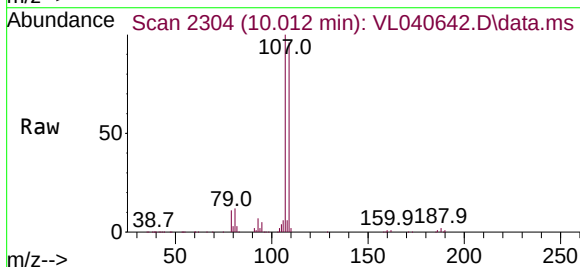
Instrument :
MSVOA_L
ClientSampleId :

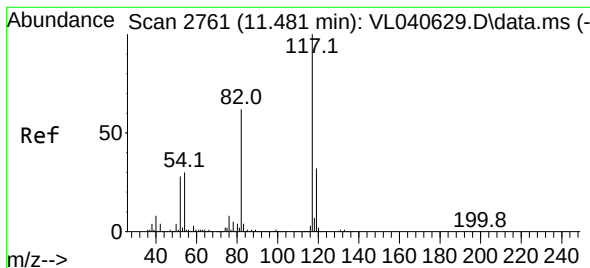
Tgt Ion: 91 Resp: 2069716
Ion Ratio Lower Upper
91 100
92 60.1 48.0 72.0



#54
1,2-Dibromoethane
Concen: 10.582 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.013 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 107 Resp: 1121045
Ion Ratio Lower Upper
107 100
109 96.4 75.7 113.5





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 2759

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

ClientSampleId :

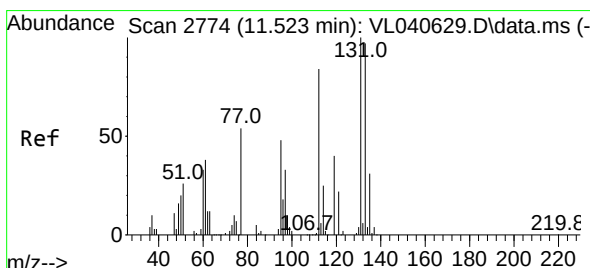
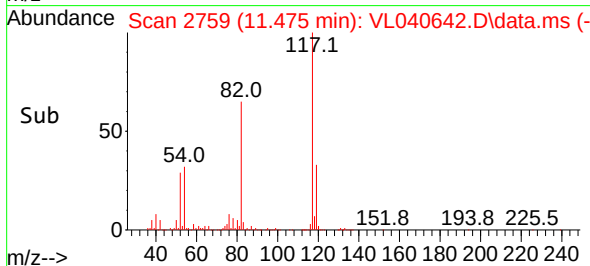
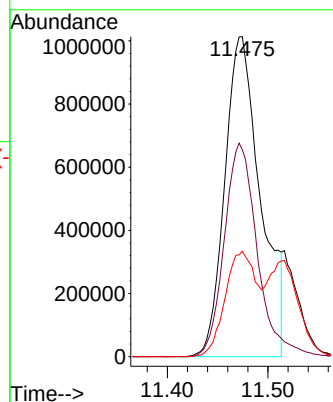
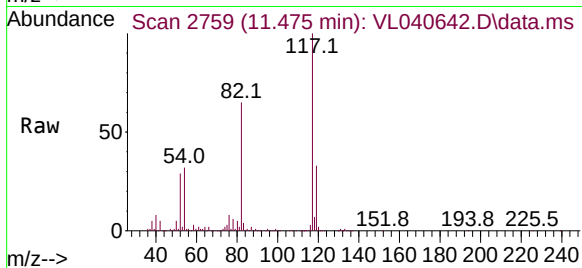
Tgt Ion:117 Resp: 2509659

Ion Ratio Lower Upper

117 100

82 61.9 49.5 74.3

119 27.4 24.5 36.7



#56

1,1,1,2-Tetrachloroethane

Concen: 8.877 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

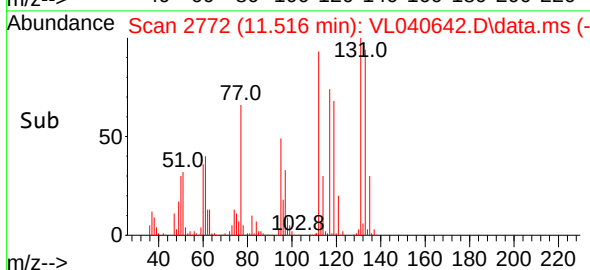
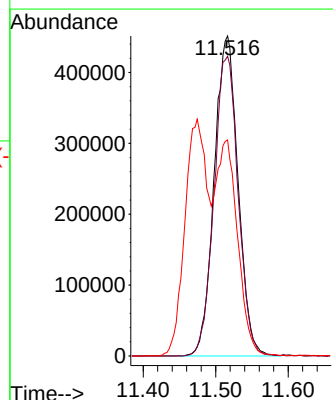
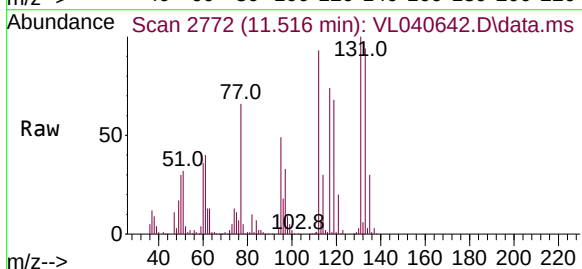
Tgt Ion:131 Resp: 1030764

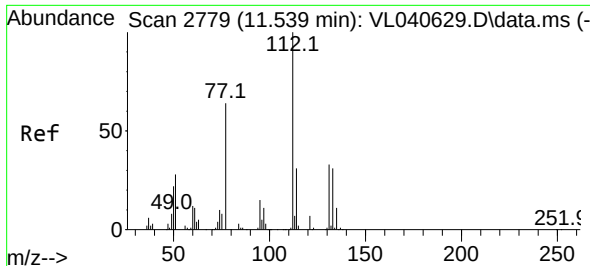
Ion Ratio Lower Upper

131 100

133 95.0 75.4 113.0

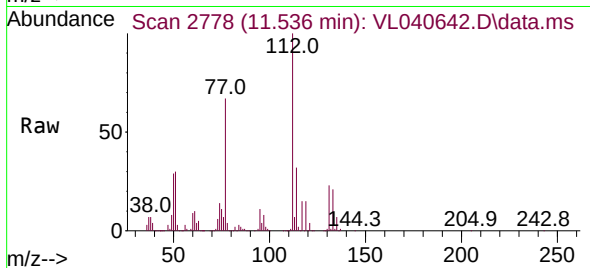
119 66.6 51.0 76.6



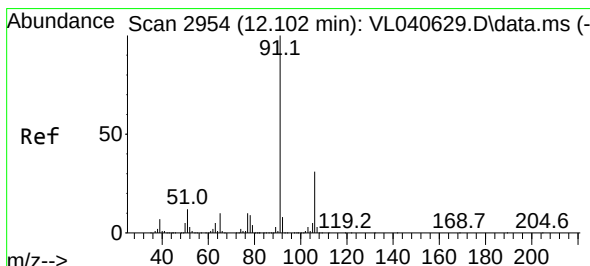
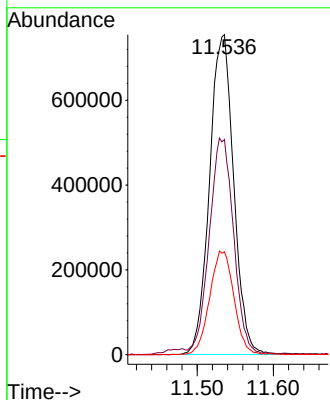
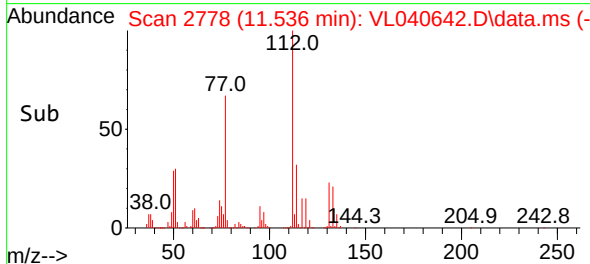


#57
Chlorobenzene
Concen: 8.587 ppbv
RT: 11.536 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Instrument :
MSVOA_L
ClientSampleId :

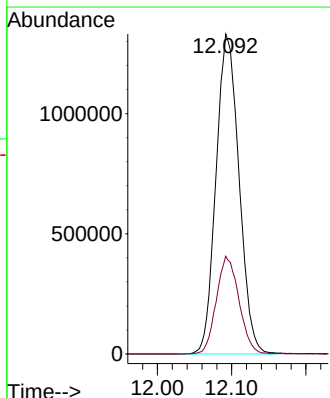
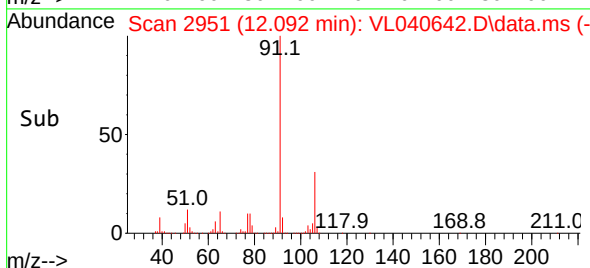
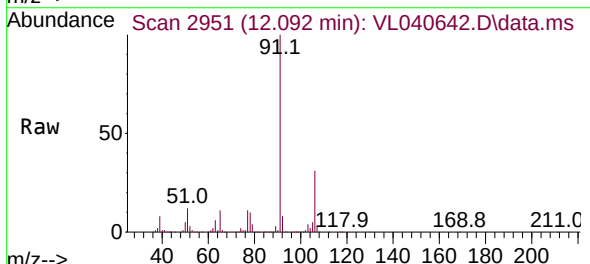


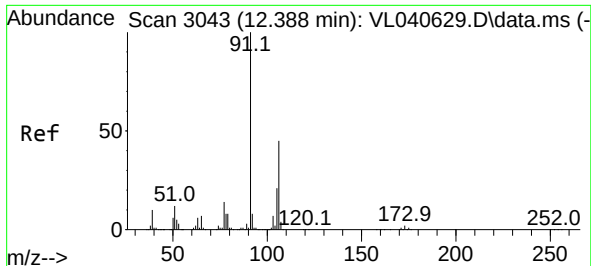
Tgt Ion:112 Resp: 1663231
Ion Ratio Lower Upper
112 100
77 66.9 52.5 78.7
114 32.1 27.8 34.0



#58
Ethyl Benzene
Concen: 9.473 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 91 Resp: 2866814
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8





#59

m/p-Xylene

Concen: 8.892 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. -0.010 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

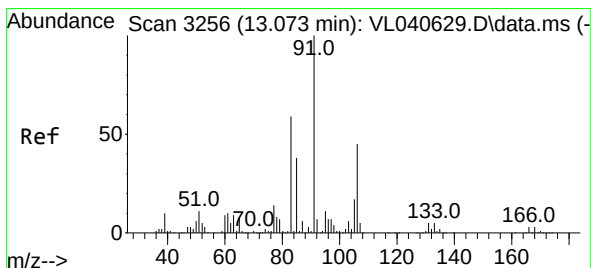
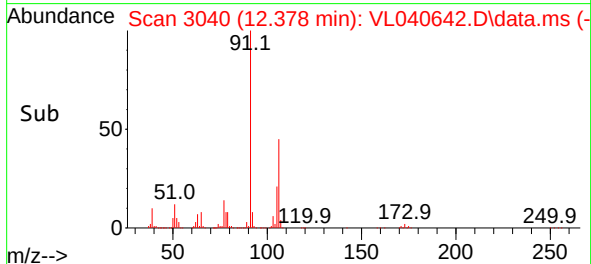
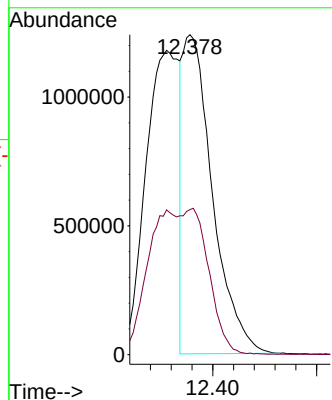
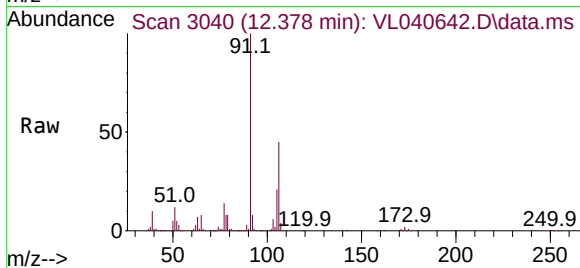
ClientSampleId :

Tgt Ion: 91 Resp: 2454743

Ion Ratio Lower Upper

91 100

106 90.7 35.3 52.9#



#60

o-Xylene

Concen: 9.474 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.010 min

Lab File: VL040642.D

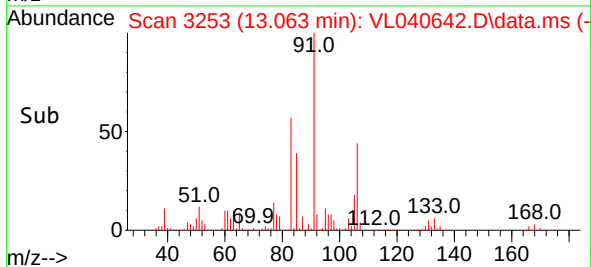
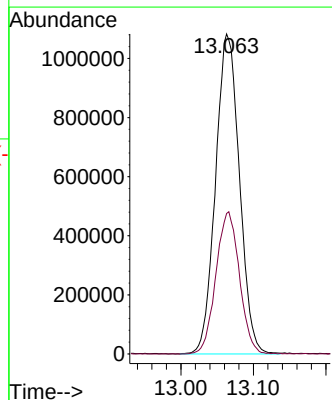
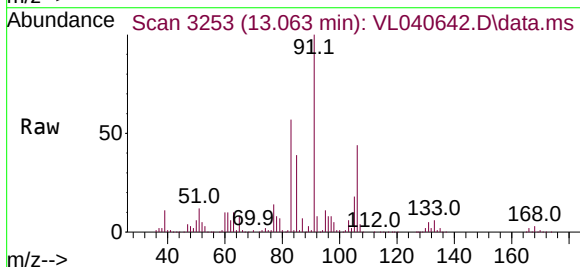
Acq: 15 Aug 2023 21:29

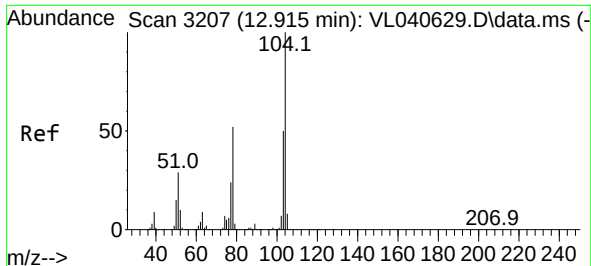
Tgt Ion: 91 Resp: 2478816

Ion Ratio Lower Upper

91 100

106 43.8 22.5 67.5

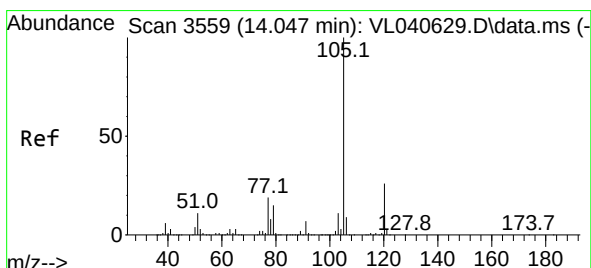
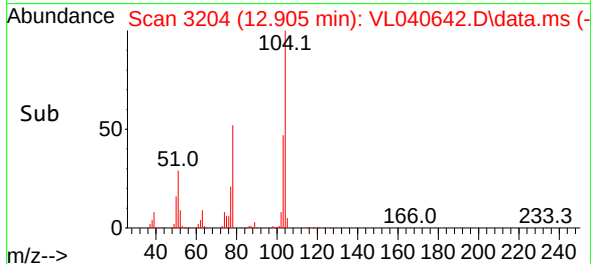
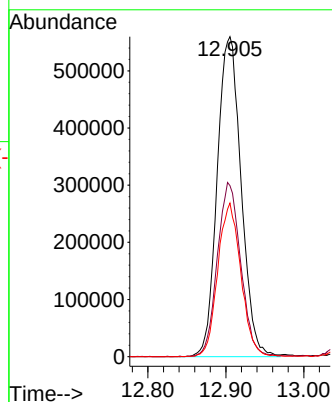
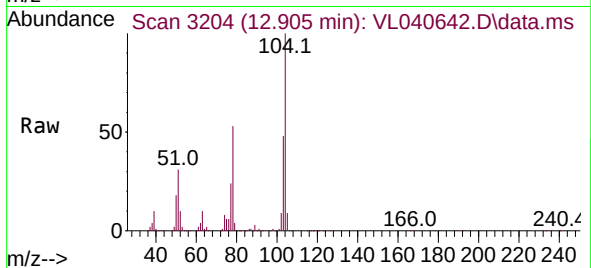




#61
Styrene
Concen: 10.432 ppbv
RT: 12.905 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

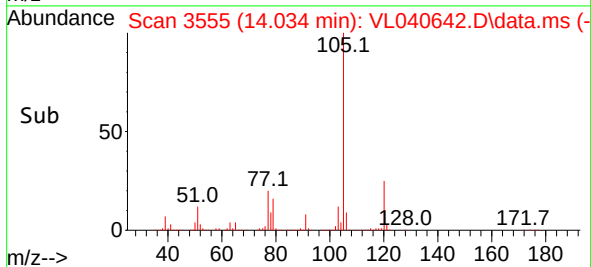
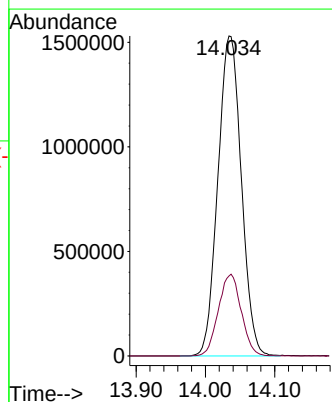
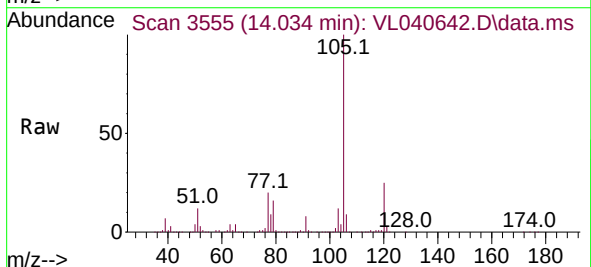
Instrument :
MSVOA_L
ClientSampleId :

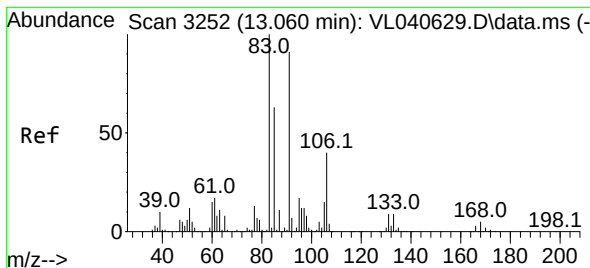
Tgt Ion:104 Resp: 1195983
Ion Ratio Lower Upper
104 100
78 53.3 41.0 61.4
103 46.5 37.3 55.9



#62
Isopropylbenzene
Concen: 9.086 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. -0.013 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion:105 Resp: 3597757
Ion Ratio Lower Upper
105 100
120 25.0 20.3 30.5

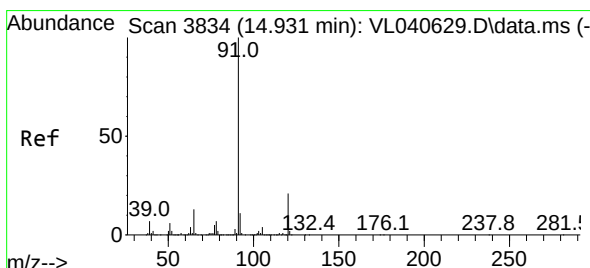
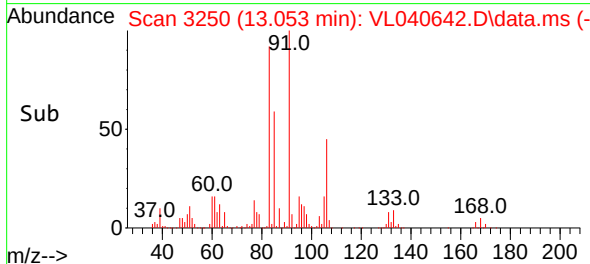
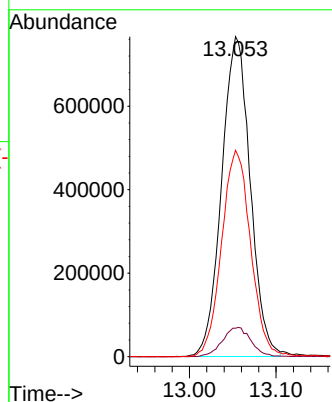
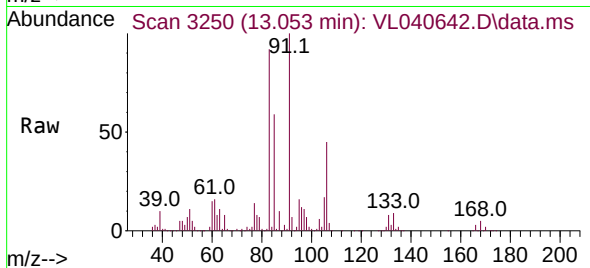




#63
1,1,2,2-Tetrachloroethane
Concen: 8.945 ppbv
RT: 13.053 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

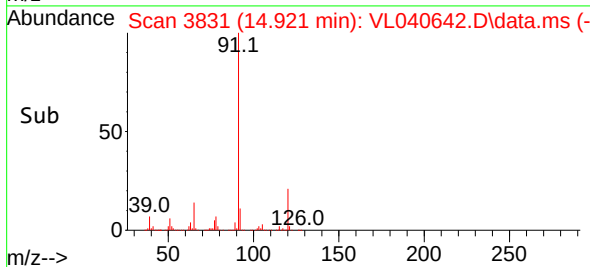
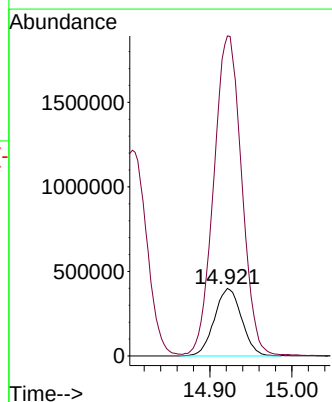
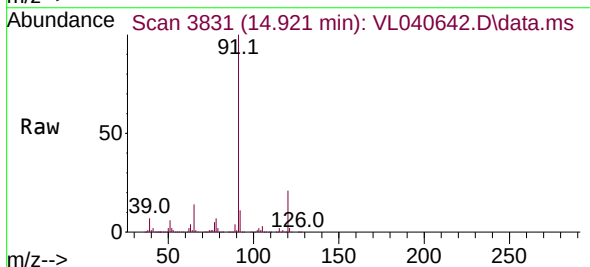
Instrument :
MSVOA_L
ClientSampleId :

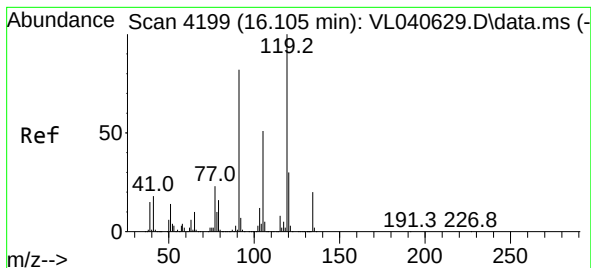
Tgt Ion: 83 Resp: 1752952
Ion Ratio Lower Upper
83 100
131 9.2 4.5 13.7
85 66.0 32.4 97.2



#64
n-propylbenzene
Concen: 9.203 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 120 Resp: 921031
Ion Ratio Lower Upper
120 100
91 488.2 387.8 581.8

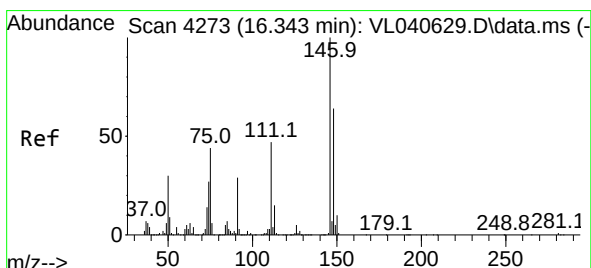
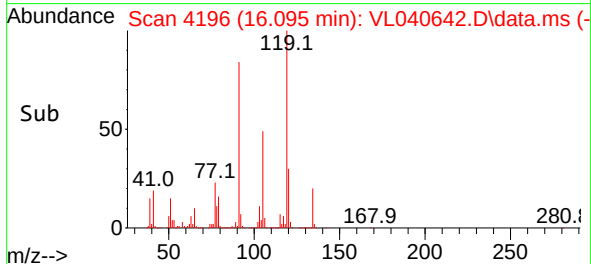
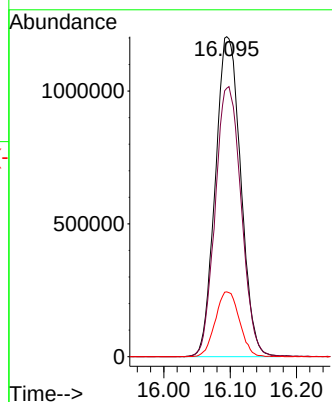
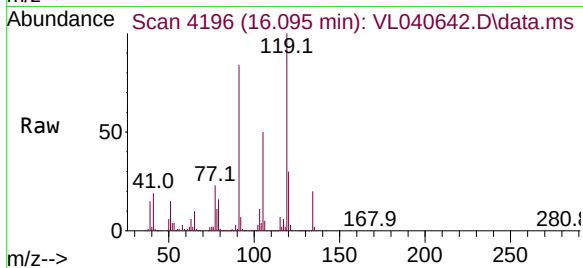




#65
tert-Butylbenzene
Concen: 9.352 ppbv
RT: 16.095 min Scan# 4199
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

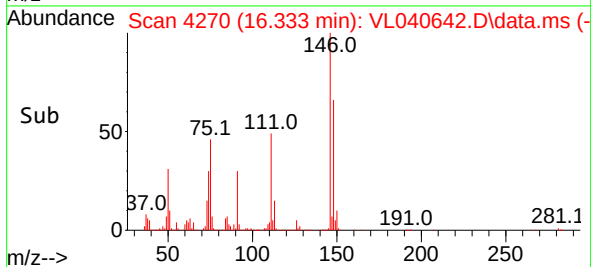
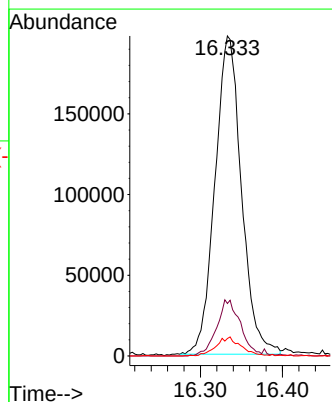
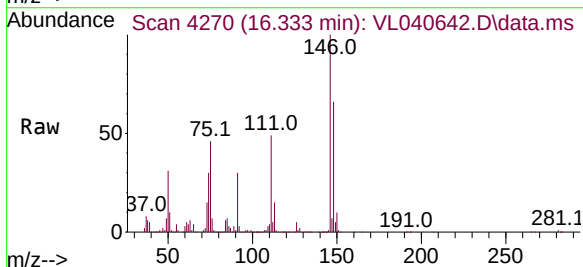
Instrument :
MSVOA_L
ClientSampleId :

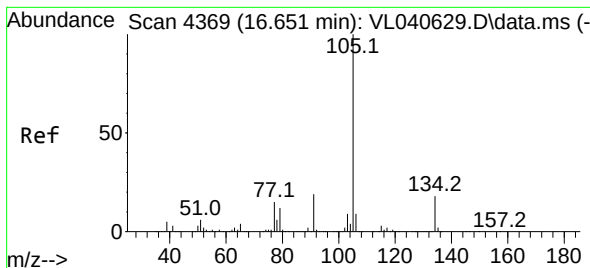
Tgt Ion:119 Resp: 3209624
Ion Ratio Lower Upper
119 100
91 86.5 67.8 101.6
134 19.2 15.7 23.5



#66
Benzyl Chloride
Concen: 10.253 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 91 Resp: 442509
Ion Ratio Lower Upper
91 100
126 16.4 13.6 20.4
128 5.8 4.3 6.5





#67

sec-Butylbenzene

Concen: 9.073 ppbv

RT: 16.642 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

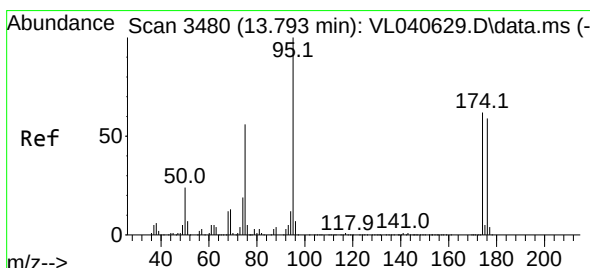
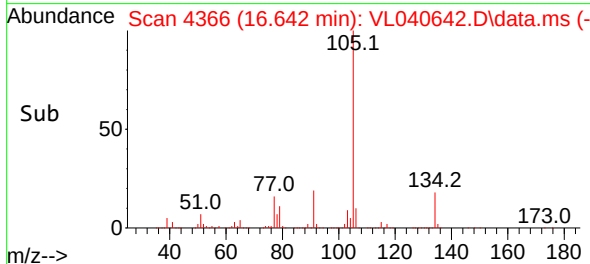
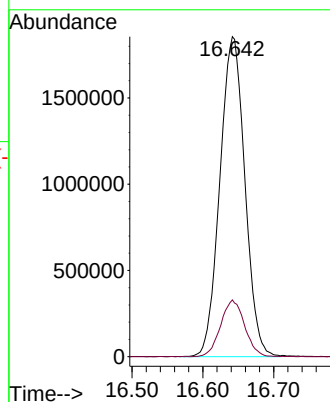
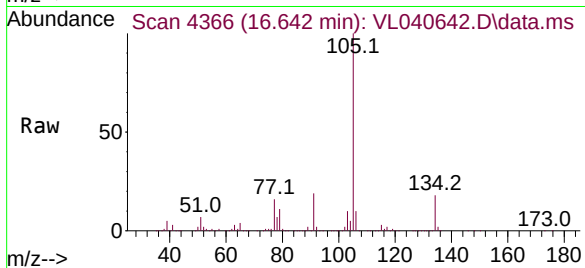
ClientSampleId :

Tgt Ion:105 Resp: 4543002

Ion Ratio Lower Upper

105 100

134 17.2 13.8 20.8



#68

1-Bromo-4-Fluorobenzene

Concen: 9.917 ppbv

RT: 13.780 min Scan# 3476

Delta R.T. -0.013 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

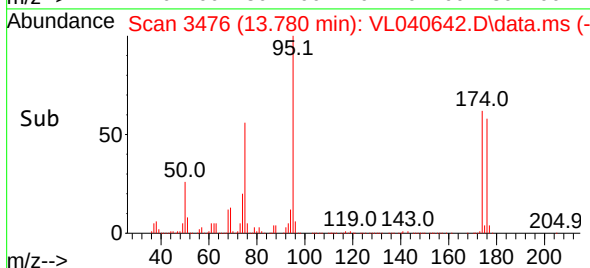
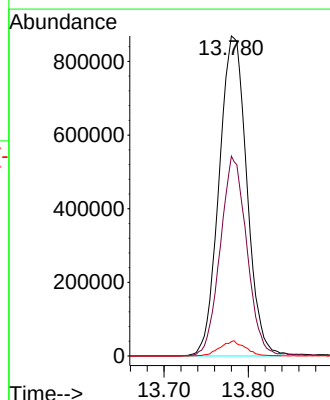
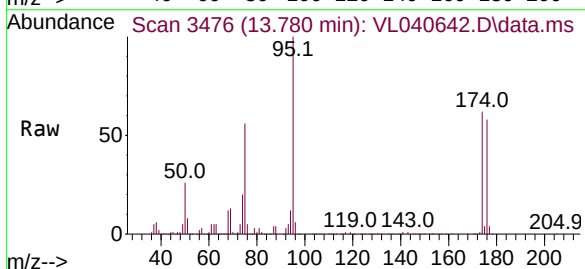
Tgt Ion: 95 Resp: 1979323

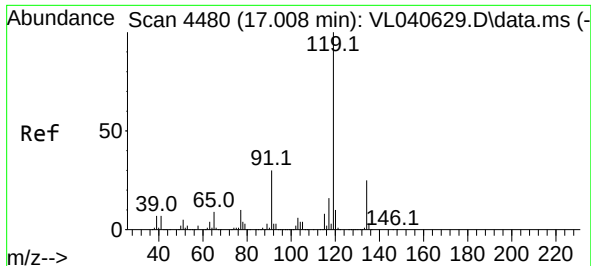
Ion Ratio Lower Upper

95 100

174 60.3 49.1 73.7

175 4.4 3.7 5.5

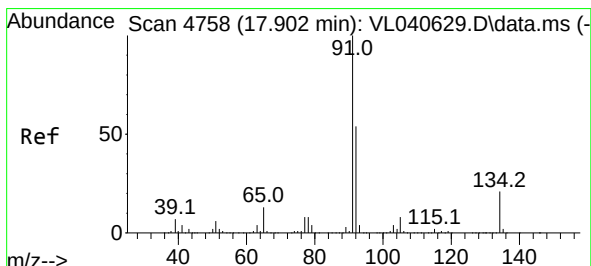
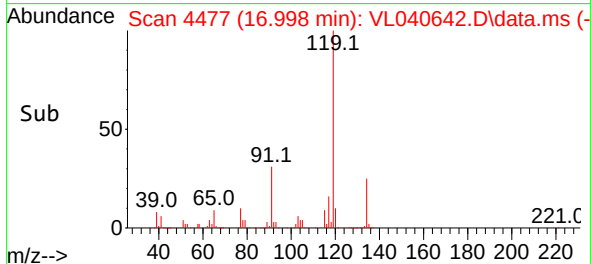
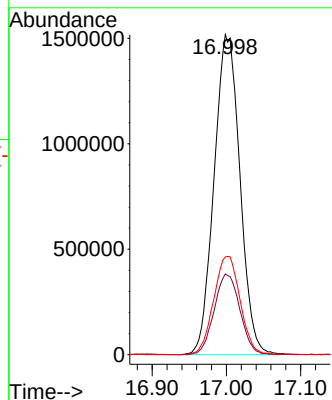
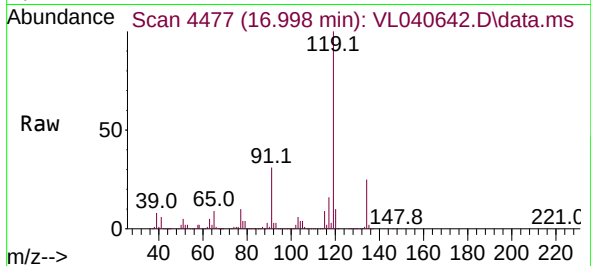




#69
p-Isopropyltoluene
Concen: 9.376 ppbv
RT: 16.998 min Scan# 4480
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

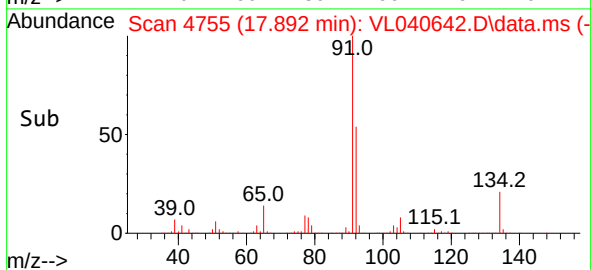
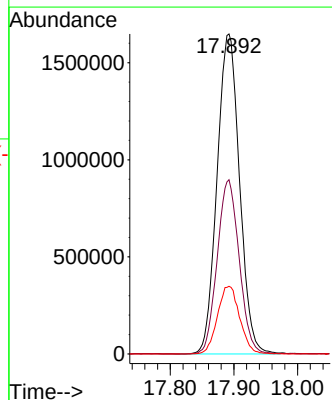
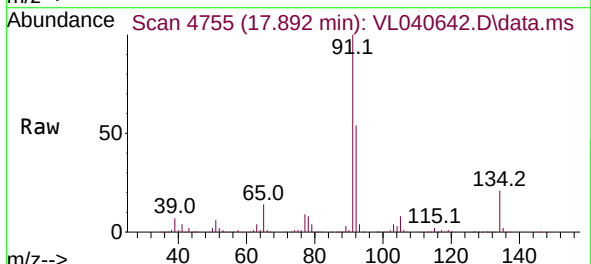
Instrument :
MSVOA_L
ClientSampleId :

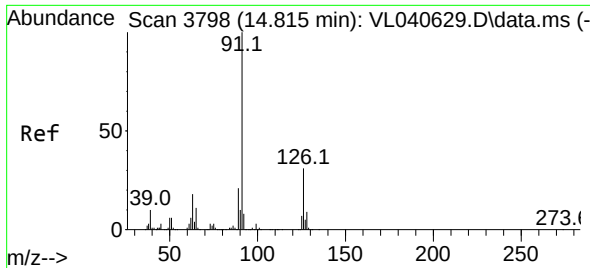
Tgt Ion:119 Resp: 3673766
Ion Ratio Lower Upper
119 100
134 25.1 20.2 30.4
91 31.6 24.2 36.4



#70
n-Butylbenzene
Concen: 9.459 ppbv
RT: 17.892 min Scan# 4755
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion: 91 Resp: 4046180
Ion Ratio Lower Upper
91 100
92 53.3 42.9 64.3
134 21.0 17.0 25.6

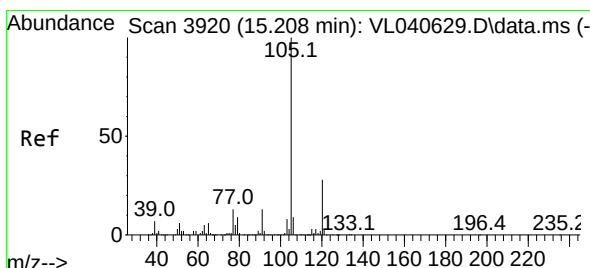
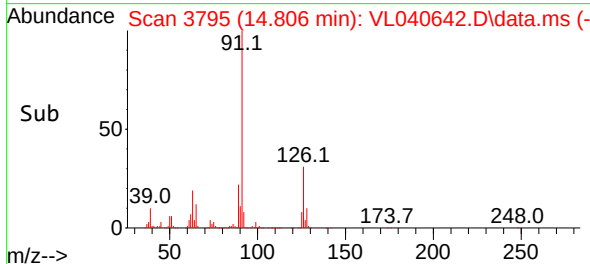
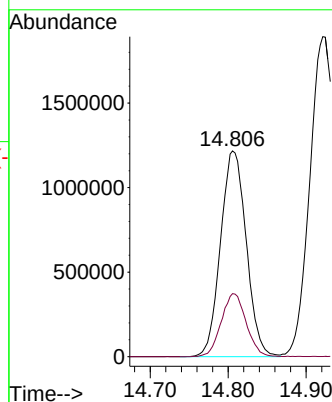
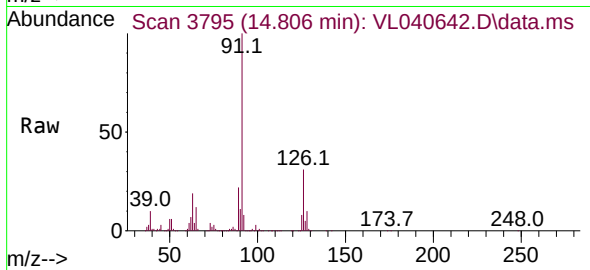




#71
2-Chlorotoluene
Concen: 9.500 ppbv
RT: 14.806 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

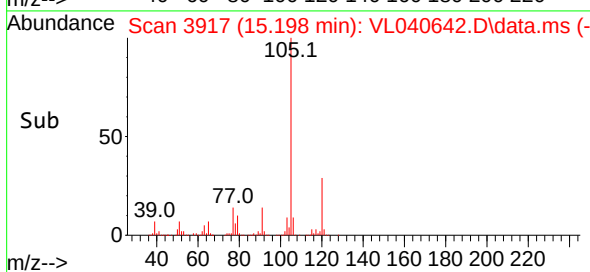
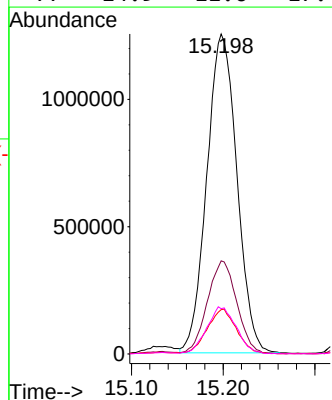
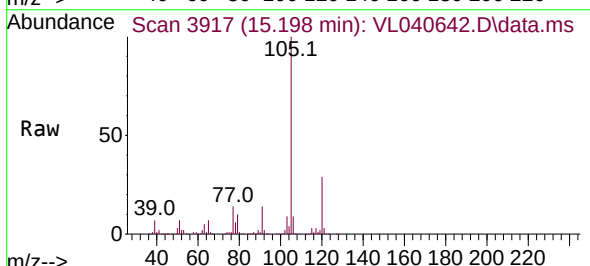
Instrument :
MSVOA_L
ClientSampleId :

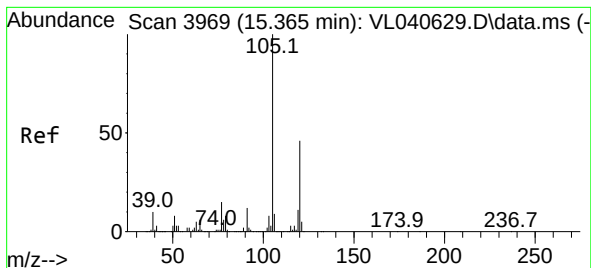
Tgt Ion: 91 Resp: 2791229
Ion Ratio Lower Upper
91 100
126 29.8 12.2 49.0



#72
4-Ethyltoluene
Concen: 9.668 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion:105 Resp: 2855804
Ion Ratio Lower Upper
105 100
120 29.5 23.0 34.6
91 14.4 10.9 16.3
77 14.9 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 9.407 ppbv

RT: 15.355 min Scan# 3966

Delta R.T. -0.010 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

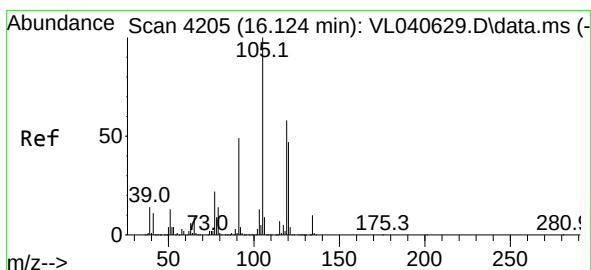
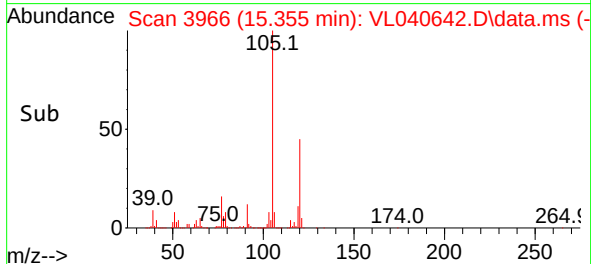
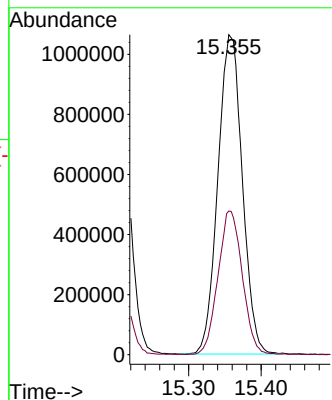
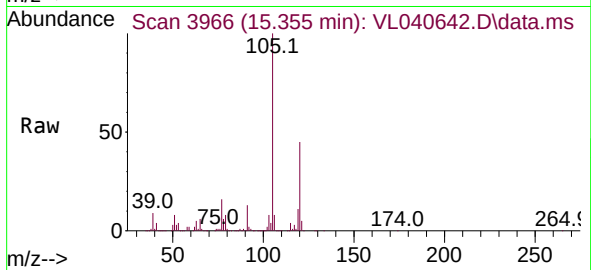
ClientSampleId :

Tgt Ion:105 Resp: 2483882

Ion Ratio Lower Upper

105 100

120 44.9 36.5 54.7



#74

1,2,4-Trimethylbenzene

Concen: 9.233 ppbv

RT: 16.117 min Scan# 4203

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Tgt Ion:105 Resp: 2847021

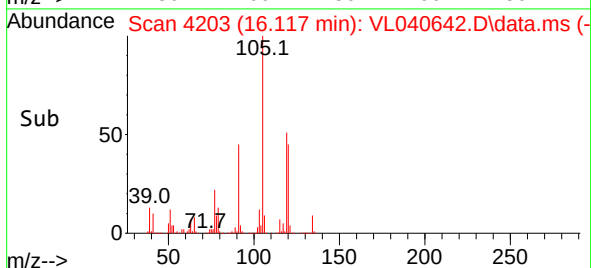
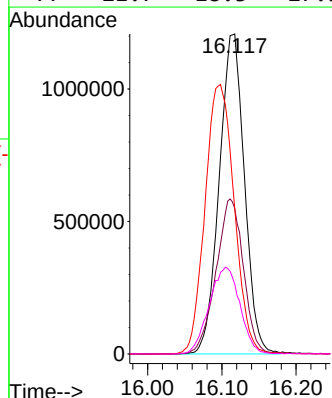
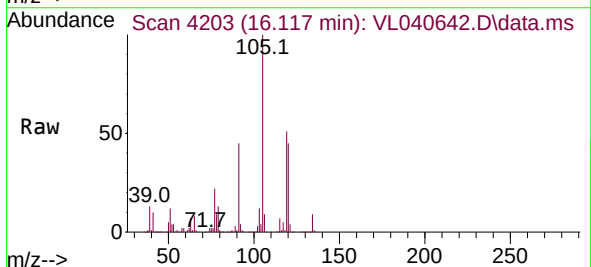
Ion Ratio Lower Upper

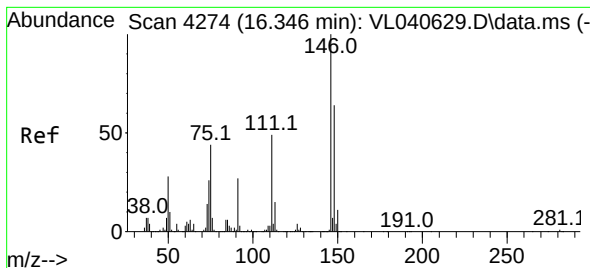
105 100

120 45.4 37.7 56.5

91 45.0 41.2 61.8

77 21.7 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 8.998 ppbv

RT: 16.339 min Scan# 4316

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

ClientSampleId :

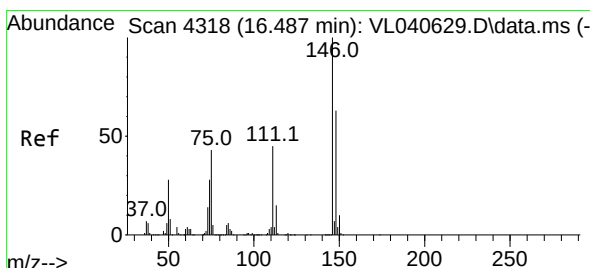
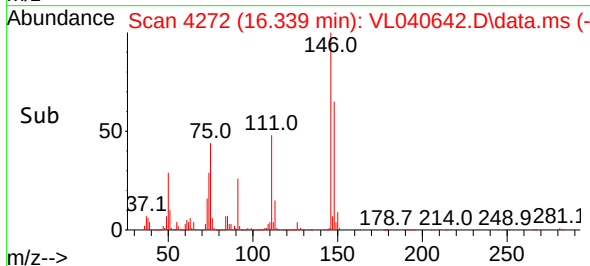
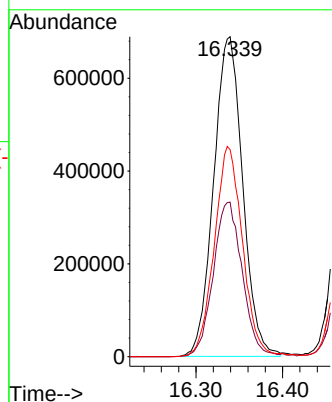
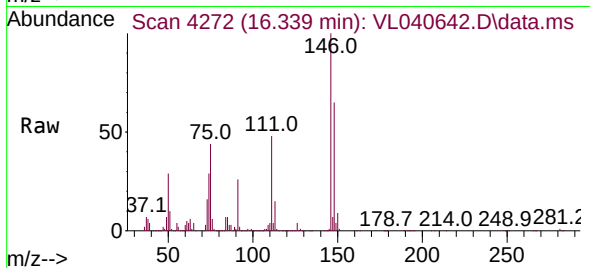
Tgt Ion:146 Resp: 1604194

Ion Ratio Lower Upper

146 100

111 48.5 23.7 71.1

148 64.3 31.7 95.1



#76

1,4-Dichlorobenzene

Concen: 8.967 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. -0.006 min

Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

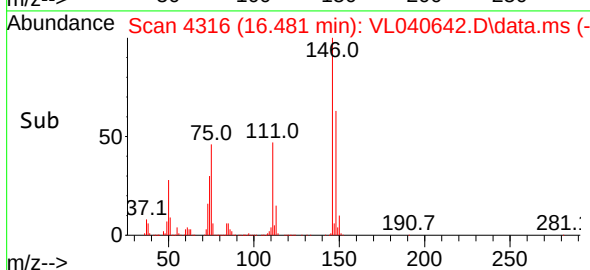
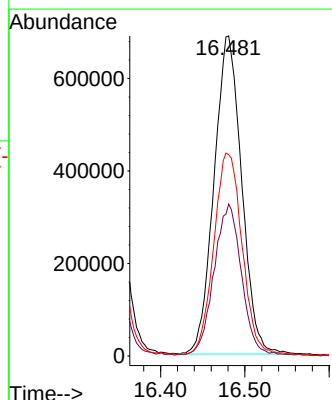
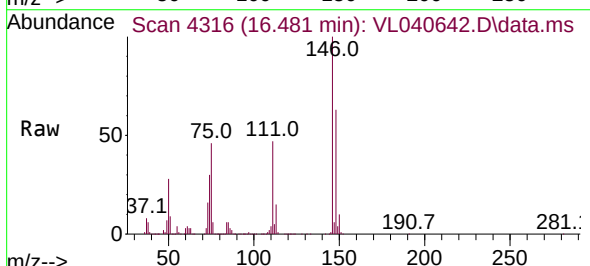
Tgt Ion:146 Resp: 1562894

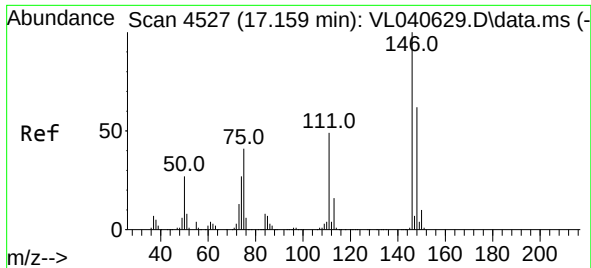
Ion Ratio Lower Upper

146 100

111 48.4 23.2 69.5

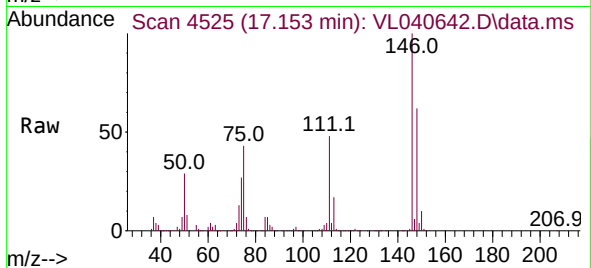
148 66.5 32.5 97.5



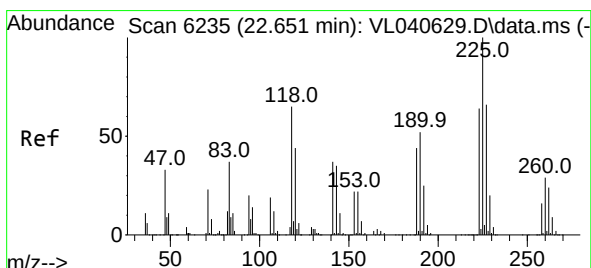
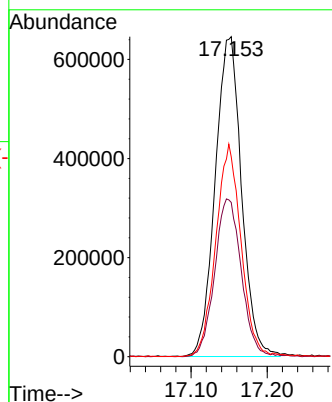
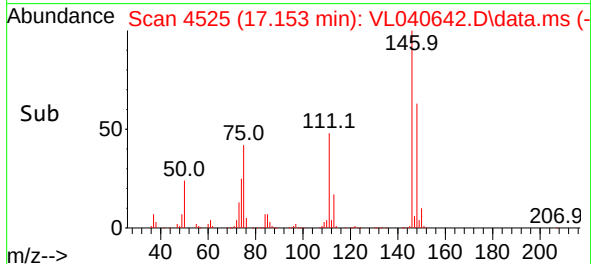


#77
1,2-Dichlorobenzene
Concen: 8.854 ppbv
RT: 17.153 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

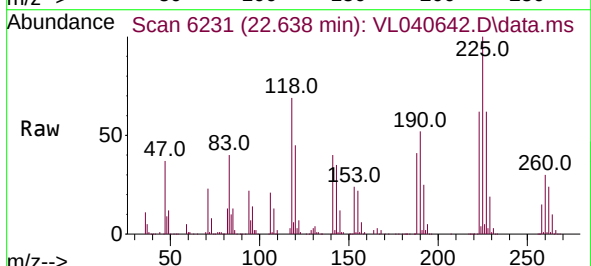
Instrument :
MSVOA_L
ClientSampleId :



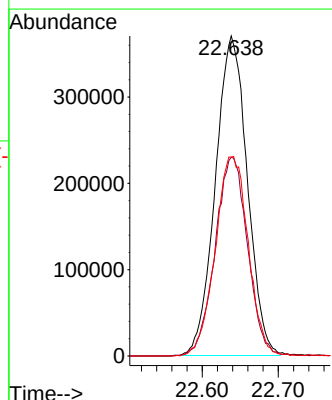
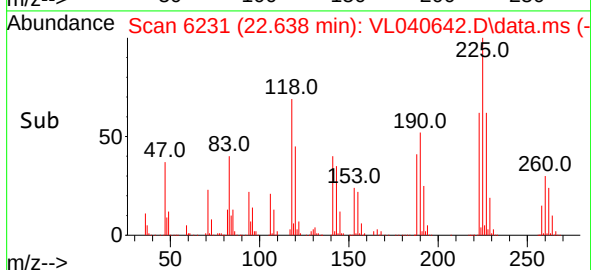
Tgt Ion:146 Resp: 1553193
Ion Ratio Lower Upper
146 100
111 50.0 24.6 74.0
148 63.9 32.1 96.5

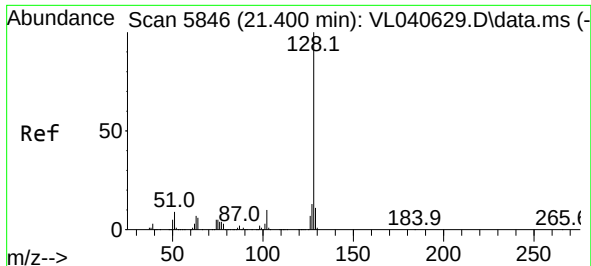


#78
Hexachloro-1,3-Butadiene
Concen: 8.100 ppbv
RT: 22.638 min Scan# 6231
Delta R.T. -0.013 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29



Tgt Ion:225 Resp: 1078030
Ion Ratio Lower Upper
225 100
223 63.6 50.6 76.0
227 64.9 51.2 76.8

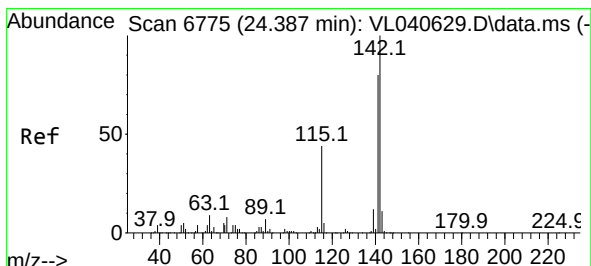
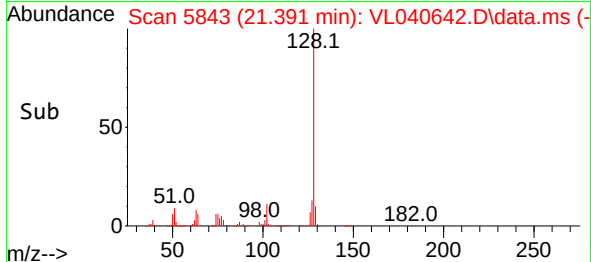
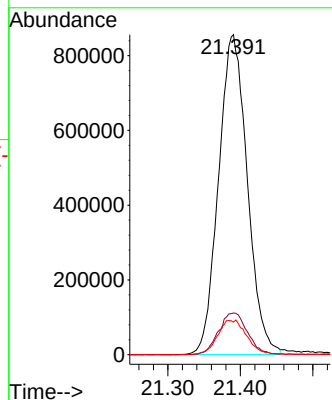
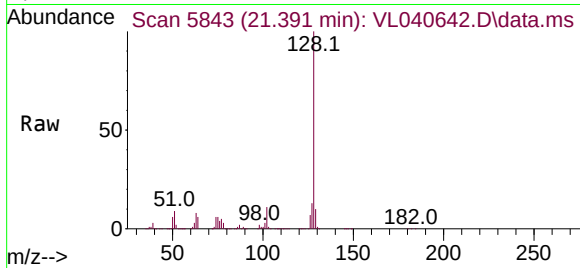




#79
Naphthalene
Concen: 11.559 ppbv
RT: 21.391 min Scan# 5843
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

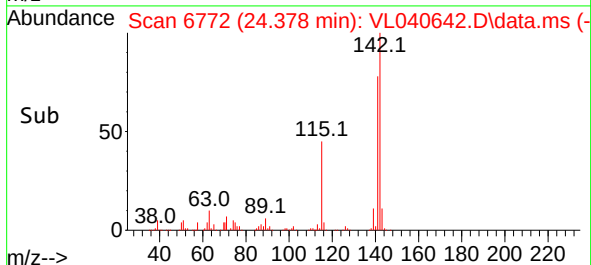
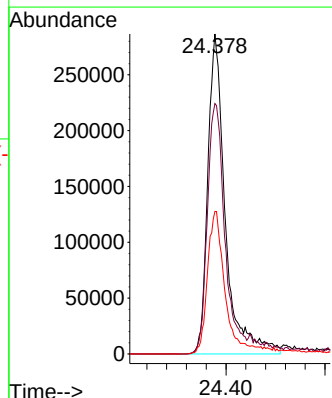
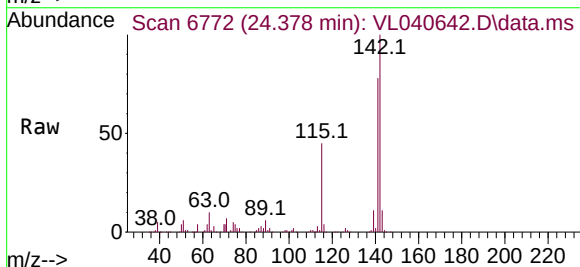
Instrument :
MSVOA_L
ClientSampleId :

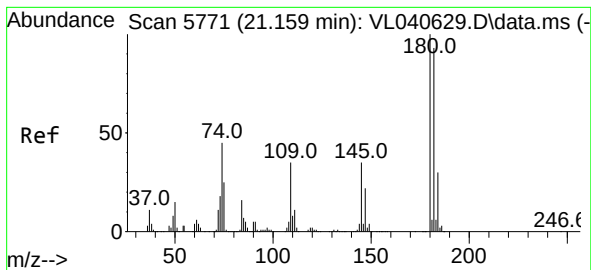
Tgt Ion:128 Resp: 2353969
Ion Ratio Lower Upper
128 100
127 13.1 10.1 15.1
129 10.2 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 12.000 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. -0.010 min
Lab File: VL040642.D
Acq: 15 Aug 2023 21:29

Tgt Ion:142 Resp: 703261
Ion Ratio Lower Upper
142 100
141 84.2 64.6 96.8
115 47.9 33.7 50.5





#81

1,2,4-Trichlorobenzene

Concen: 9.652 ppbv

RT: 21.146 min Scan# 51

Delta R.T. -0.013 min

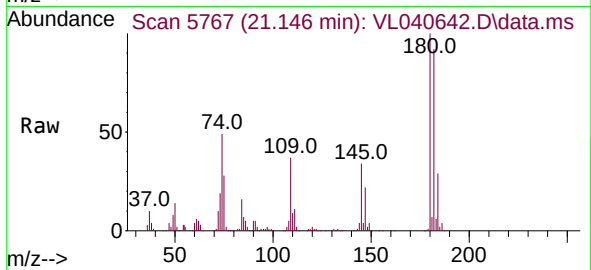
Lab File: VL040642.D

Acq: 15 Aug 2023 21:29

Instrument :

MSVOA_L

ClientSampleId :



Tgt Ion:180 Resp: 1293827

Ion Ratio Lower Upper

180 100

182 95.8 78.0 117.0

184 30.7 24.6 36.8

