

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081523\
 Data File : VL040636.D
 Acq On : 15 Aug 2023 16:42
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL081523

Quant Time: Aug 16 05:49:30 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	5.195	49	1077806	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2793322	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2735948	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2129838	9.788	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.900%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	1842986	7.939	ppbv	98
3) Chlorodifluoromethane	2.665	51	1547156	8.743	ppbv	100
4) Chloromethane	2.803	50	617365	8.944	ppbv	100
5) Vinyl Chloride	2.912	62	674914	9.209	ppbv	94
6) Bromomethane	3.112	94	333513	8.680	ppbv	95
7) Chloroethane	3.189	64	235692	8.816	ppbv	94
8) Dichlorotetrafluoroethane	2.848	85	1652016	8.792	ppbv	100
9) Propene	2.684	41	502898	9.171	ppbv	99
10) Heptane	7.584	43	1195175	9.465	ppbv	99
11) Trichlorofluoromethane	3.559	101	1652017	8.815	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.063	101	1221660	8.782	ppbv	99
13) Ethanol	3.237	45	121323	7.928	ppbv	96
14) Bromoethene	3.359	108	523008	9.259	ppbv	100
15) Acetone	3.462	43	1122524	8.515	ppbv	99
16) 1,3-Butadiene	2.977	39	591084	9.016	ppbv	97
17) tert-Butyl alcohol	3.874	59	1373307	9.823	ppbv	100
18) 1,1-Dichloroethene	3.877	96	554114	8.790	ppbv	97
19) Isopropyl Alcohol	3.571	45	820559	9.816	ppbv	100
20) Methylene Chloride	3.928	84	468291	7.269	ppbv	97
21) Allyl Chloride	3.993	41	784644	8.998	ppbv	97
22) trans-1,2-Dichloroethene	4.443	96	560788	9.062	ppbv	98
23) Vinyl Acetate	4.626	43	1414443	9.416	ppbv	99
24) 1,1-Dichloroethane	4.562	63	1138533	8.863	ppbv	99
25) Ethyl Acetate	5.208	43	2181412	8.811	ppbv	99
26) Hexane	5.214	57	989880	8.263	ppbv	100
27) Carbon Disulfide	4.121	76	1428553	10.017	ppbv	98
28) Methyl tert-Butyl Ether	4.584	73	822163	8.878	ppbv	100
29) Chloroform	5.275	83	1653529	8.721	ppbv	99
30) Cyclohexane	6.607	84	828418	9.038	ppbv	100
31) cis-1,2-Dichloroethene	5.079	61	1007757	9.322	ppbv	99
32) 1,1,1-Trichloroethane	6.009	97	1680923	9.258	ppbv	100
34) 2-Butanone	4.787	43	1348958	9.576	ppbv	99
35) Carbon Tetrachloride	6.501	117	1721550	9.850	ppbv	100
36) Benzene	6.375	78	2072829	9.328	ppbv	99
37) 1,2-Dichloroethane	5.809	62	1253670	9.354	ppbv	99
38) Trichloroethene	7.298	130	809024	9.402	ppbv	97
39) 1,2-Dichloropropane	7.079	63	781534	9.244	ppbv	98
40) 1,4-Dioxane	7.295	88	324228	10.123	ppbv #	1
41) Tetrahydrofuran	5.558	42	778601	9.779	ppbv	98
42) Bromodichloromethane	7.256	83	1807101	9.687	ppbv	97
43) Methyl Methacrylate	7.481	69	833624	10.019	ppbv	98
44) 2,2,4-Trimethylpentane	7.333	57	3373021	9.391	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	742714	11.177	ppbv	99

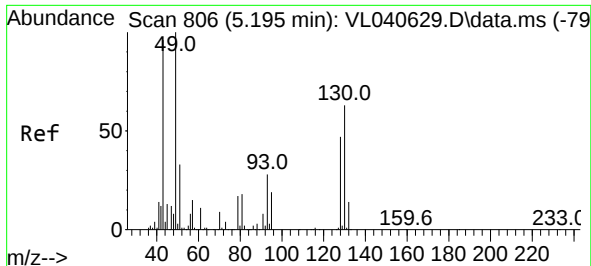
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Quant Time: Aug 16 05:49:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081523AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Aug 16 05:43:50 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	873005	10.770	ppbv	98
47) 1,1,2-Trichloroethane	8.909	97	878190	9.196	ppbv	96
48) Dibromochloromethane	9.722	129	1491594	9.980	ppbv	99
49) Bromoform	12.420	173	1229371	10.266	ppbv	100
50) 4-Methyl-2-Pentanone	8.189	43	2011539	9.775	ppbv	100
51) 2-Hexanone	9.561	43	1488857	10.268	ppbv	98
52) Tetrachloroethene	10.626	164	703103	10.103	ppbv	98
53) Toluene	9.230	91	2367465	10.025	ppbv	99
54) 1,2-Dibromoethane	10.018	107	1250940	10.288	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.520	131	1106536	8.741	ppbv	96
57) Chlorobenzene	11.536	112	1823361	8.635	ppbv	96
58) Ethyl Benzene	12.102	91	3188944	9.666	ppbv	99
59) m/p-Xylene	12.381	91	2754463	9.153	ppbv #	32
60) o-Xylene	13.069	91	2640992	9.259	ppbv	99
61) Styrene	12.909	104	1346807	10.776	ppbv	99
62) Isopropylbenzene	14.037	105	3841753	8.899	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	1882463	8.812	ppbv	99
64) n-propylbenzene	14.928	120	981315	8.994	ppbv	99
65) tert-Butylbenzene	16.101	119	3353075	8.962	ppbv	99
66) Benzyl Chloride	16.336	91	467031	9.926	ppbv	98
67) sec-Butylbenzene	16.645	105	4813491	8.818	ppbv	100
69) p-Isopropyltoluene	17.005	119	3865005	9.049	ppbv	99
70) n-Butylbenzene	17.896	91	4242352	9.097	ppbv	100
71) 2-Chlorotoluene	14.815	91	2971201	9.276	ppbv	99
72) 4-Ethyltoluene	15.204	105	3079385	9.563	ppbv	99
73) 1,3,5-Trimethylbenzene	15.362	105	2640418	9.173	ppbv	100
74) 1,2,4-Trimethylbenzene	16.117	105	2968086	8.829	ppbv	94
75) 1,3-Dichlorobenzene	16.339	146	1707663	8.786	ppbv	99
76) 1,4-Dichlorobenzene	16.484	146	1655374	8.712	ppbv	99
77) 1,2-Dichlorobenzene	17.156	146	1616227	8.452	ppbv	100
78) Hexachloro-1,3-Butadiene	22.645	225	1130713	7.793	ppbv	99
79) Naphthalene	21.397	128	2539220	11.437	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	840867	13.162	ppbv	99
81) 1,2,4-Trichlorobenzene	21.149	180	1371537	9.386	ppbv	99

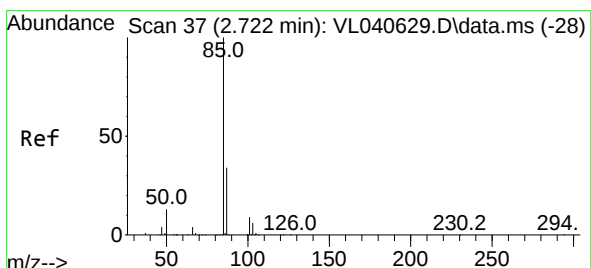
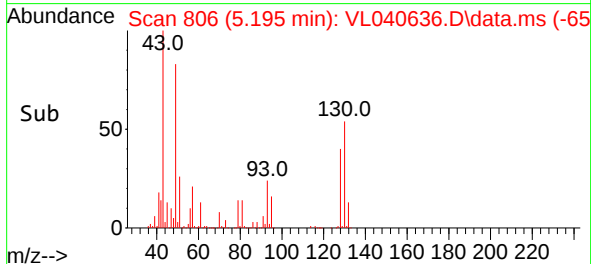
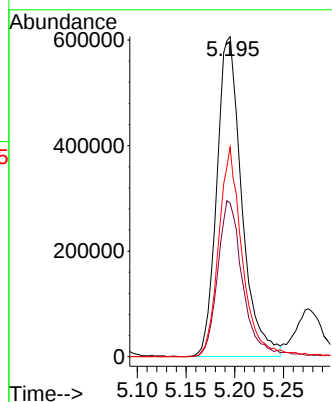
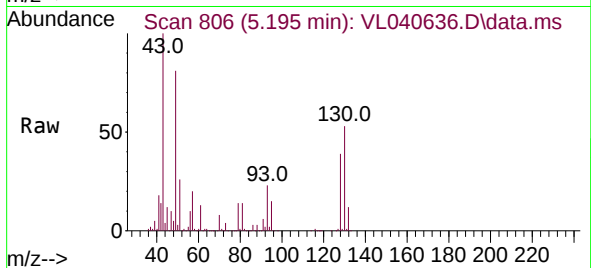
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.000 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

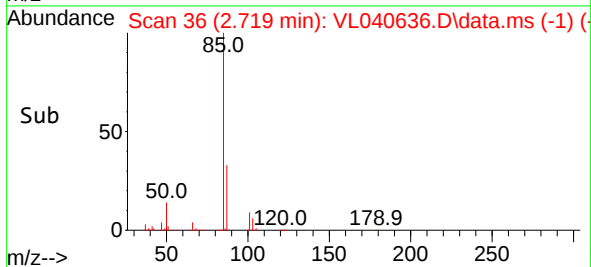
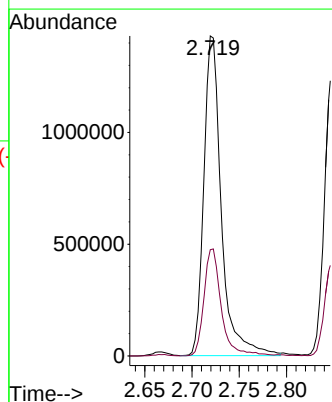
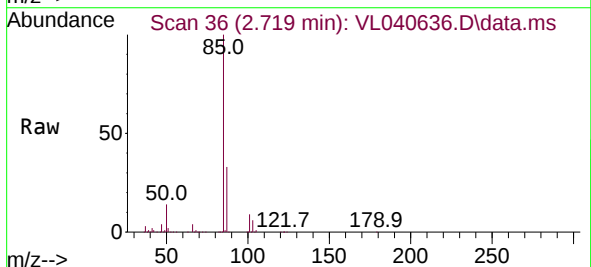
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

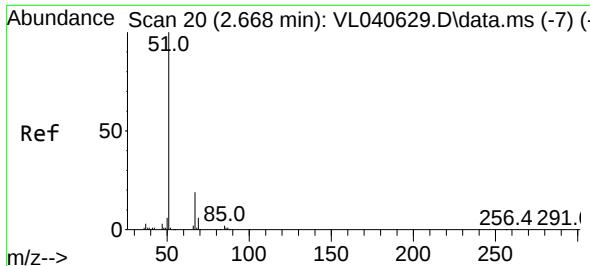
Tgt Ion: 49 Resp: 1077806
Ion Ratio Lower Upper
49 100
128 49.7 24.9 74.7
130 63.0 32.2 96.6



#2
Dichlorodifluoromethane
Concen: 7.939 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 85 Resp: 1842986
Ion Ratio Lower Upper
85 100
87 33.2 27.5 41.3

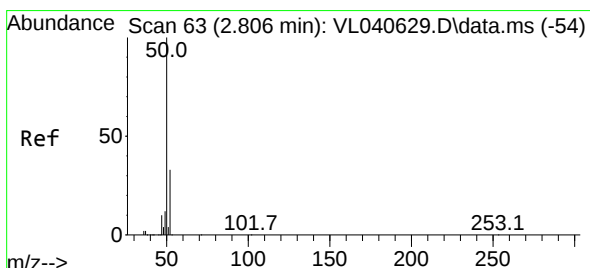
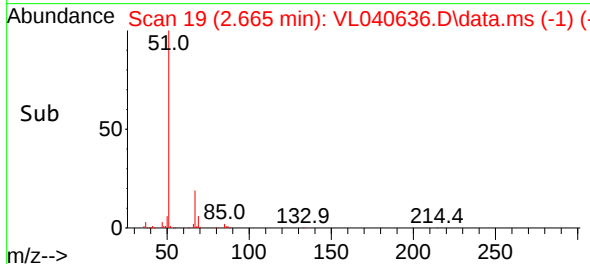
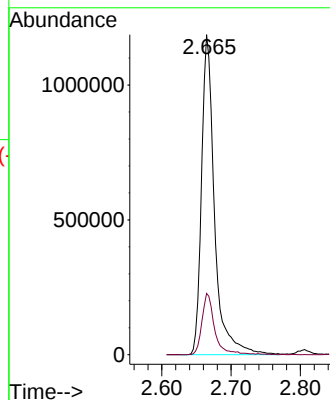
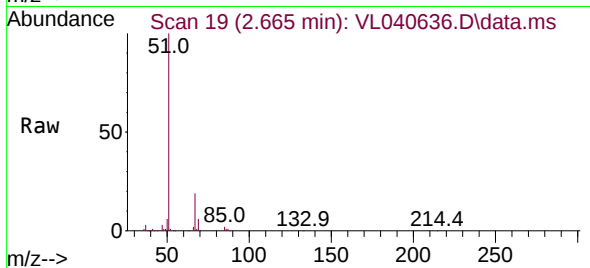




#3
Chlorodifluoromethane
Concen: 8.743 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

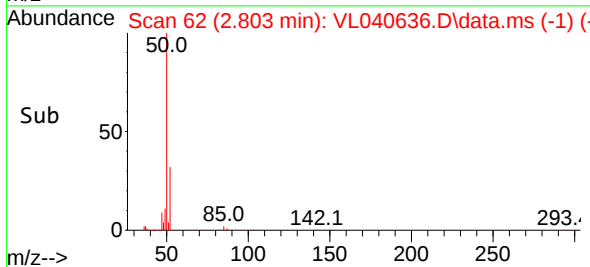
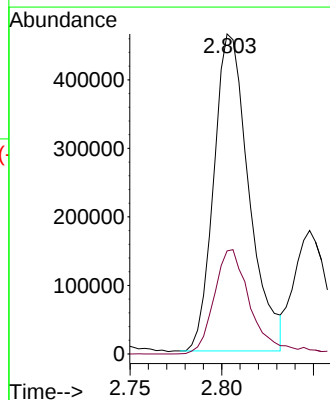
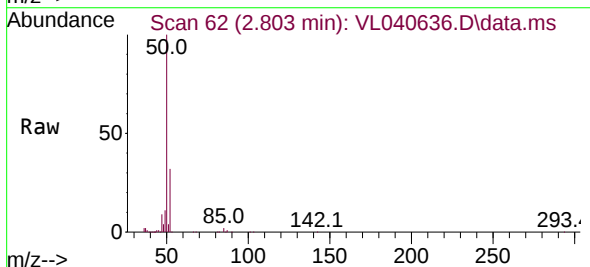
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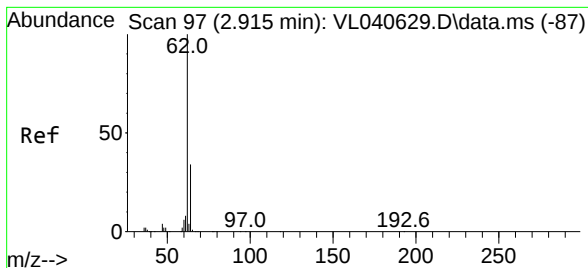
Tgt Ion: 51 Resp: 1547156
Ion Ratio Lower Upper
51 100
67 18.8 15.0 22.6



#4
Chloromethane
Concen: 8.944 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 50 Resp: 617365
Ion Ratio Lower Upper
50 100
52 32.5 26.2 39.2

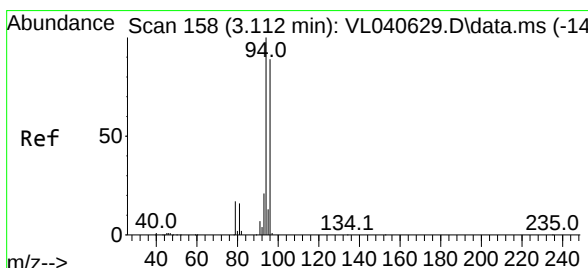
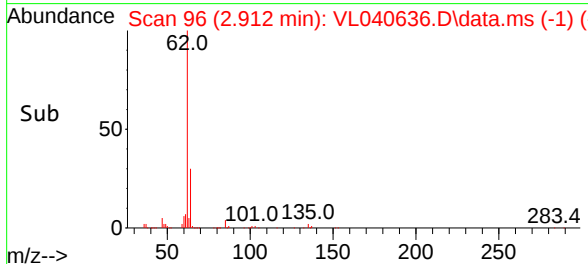
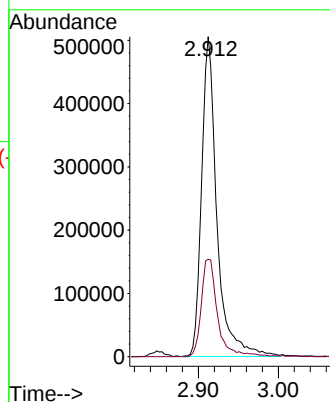
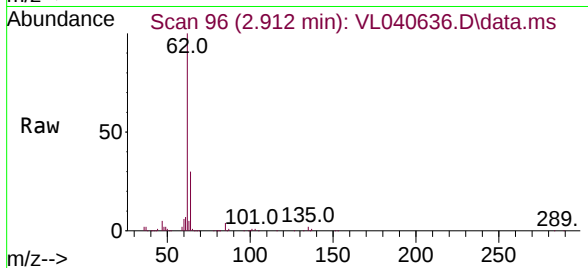




#5
 Vinyl Chloride
 Concen: 9.209 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.003 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

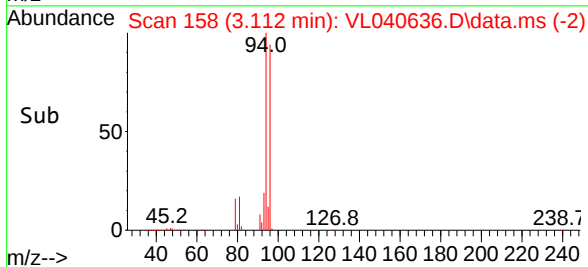
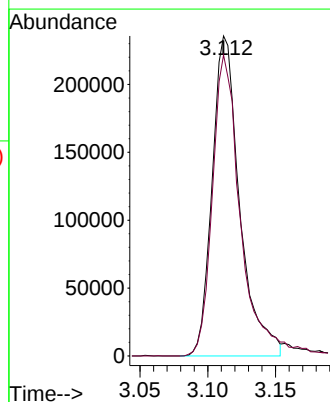
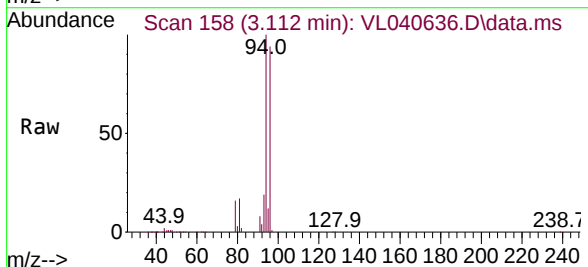
Instrument :
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 ClientSampleId :
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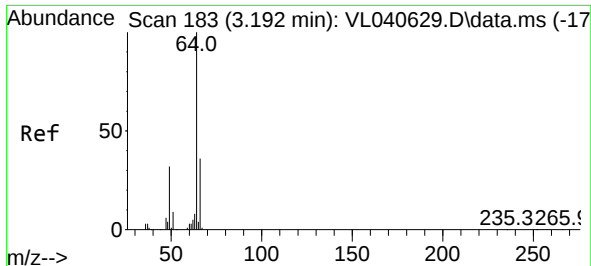
Tgt Ion: 62 Resp: 674914
 Ion Ratio Lower Upper
 62 100
 64 30.5 27.0 40.6



#6
 Bromomethane
 Concen: 8.680 ppbv
 RT: 3.112 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

Tgt Ion: 94 Resp: 333513
 Ion Ratio Lower Upper
 94 100
 96 94.1 71.5 107.3

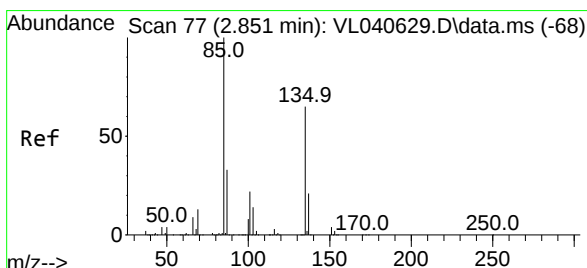
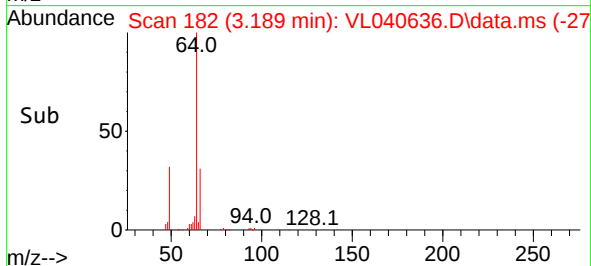
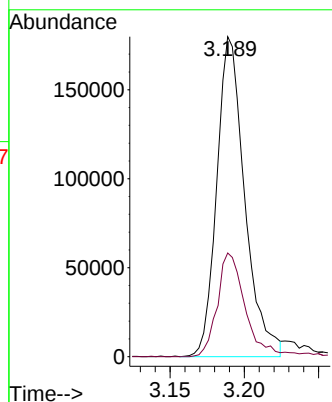
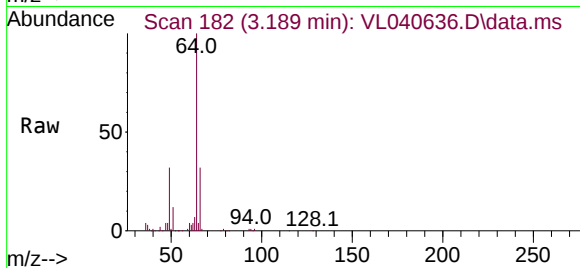




#7
Chloroethane
Concen: 8.816 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

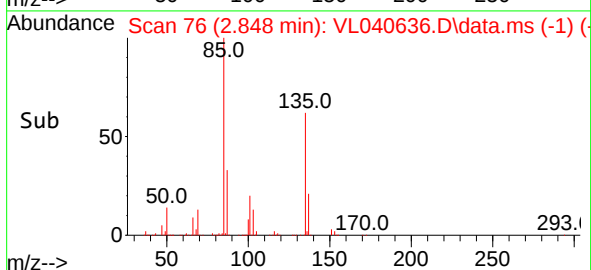
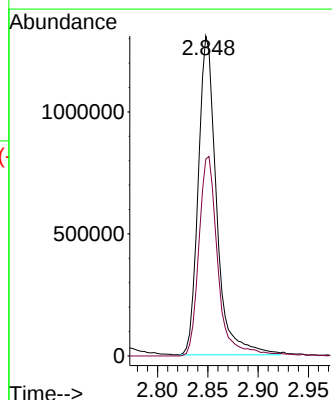
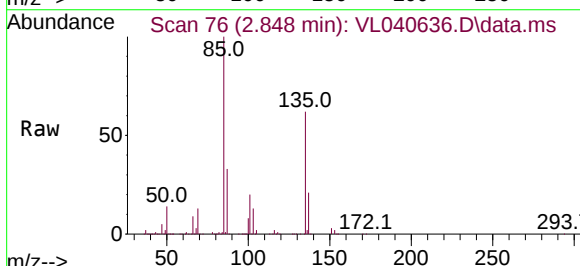
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ClientSampleId :
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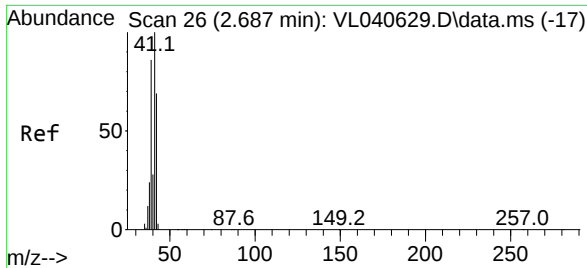
Tgt Ion: 64 Resp: 235692
Ion Ratio Lower Upper
64 100
66 32.4 28.7 43.1



#8
Dichlorotetrafluoroethane
Concen: 8.792 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 85 Resp: 1652016
Ion Ratio Lower Upper
85 100
135 65.8 52.8 79.2

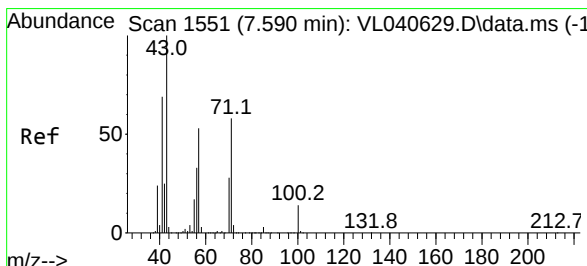
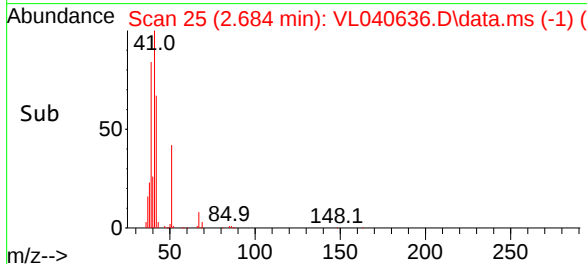
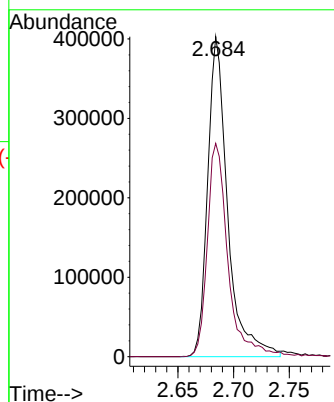
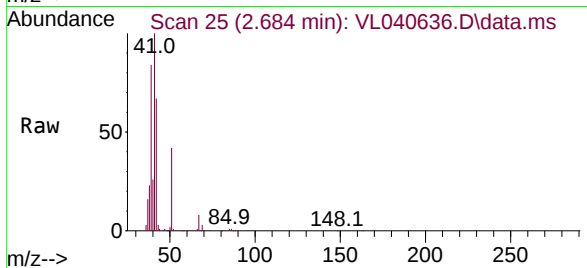




#9
 Propene
 Concen: 9.171 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

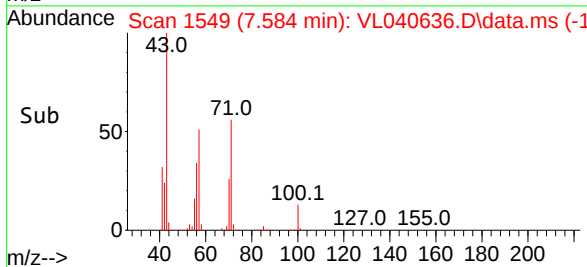
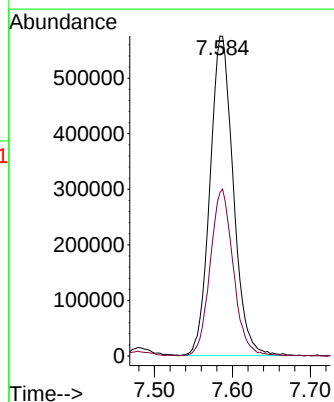
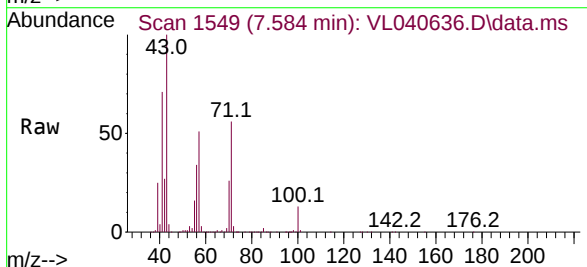
Instrument :
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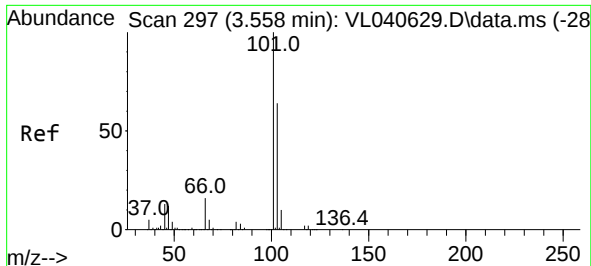
Tgt Ion: 41 Resp: 502898
 Ion Ratio Lower Upper
 41 100
 42 69.7 56.5 84.7



#10
 Heptane
 Concen: 9.465 ppbv
 RT: 7.584 min Scan# 1549
 Delta R.T. -0.006 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

Tgt Ion: 43 Resp: 1195175
 Ion Ratio Lower Upper
 43 100
 57 52.0 42.5 63.7

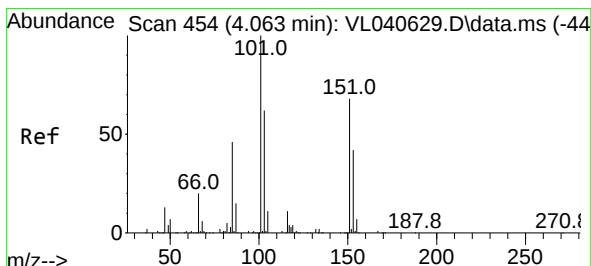
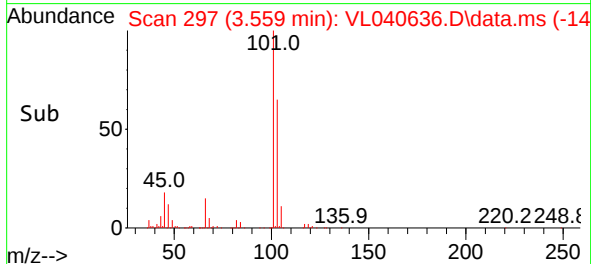
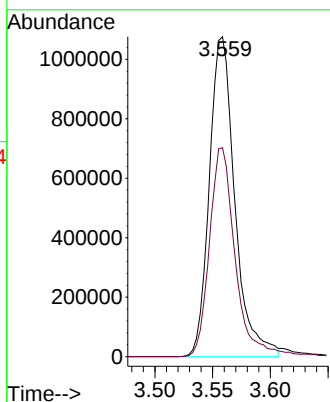
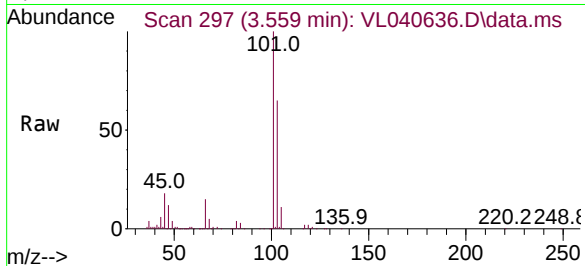




#11
 Trichlorofluoromethane
 Concen: 8.815 ppbv
 RT: 3.559 min Scan# 297
 Delta R.T. 0.000 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

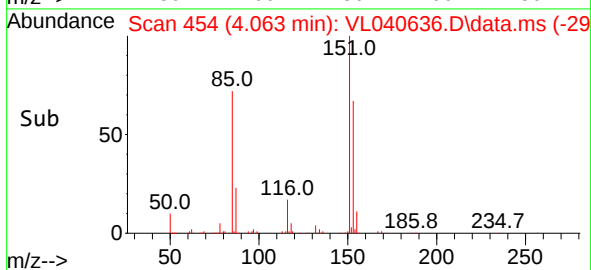
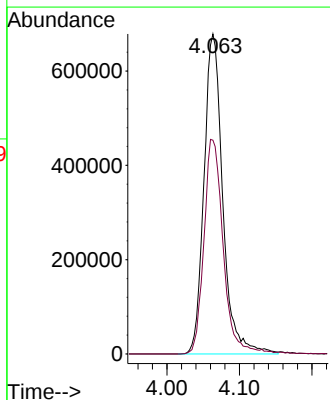
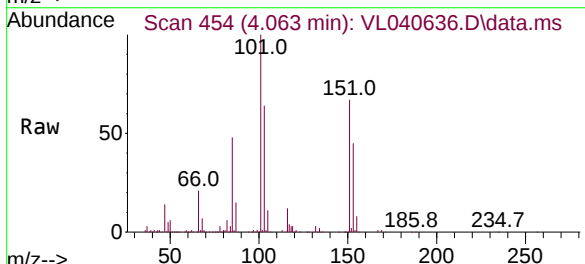
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081523

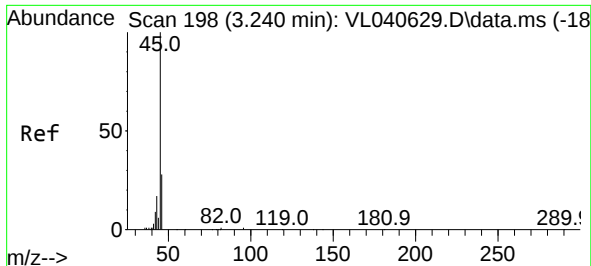
Tgt Ion:101 Resp: 1652017
 Ion Ratio Lower Upper
 101 100
 103 65.3 51.1 76.7



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.782 ppbv
 RT: 4.063 min Scan# 454
 Delta R.T. 0.000 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

Tgt Ion:101 Resp: 1221660
 Ion Ratio Lower Upper
 101 100
 151 69.2 56.2 84.2

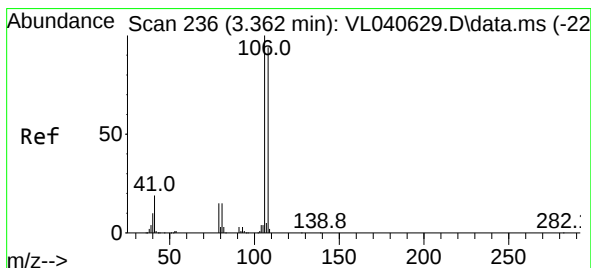
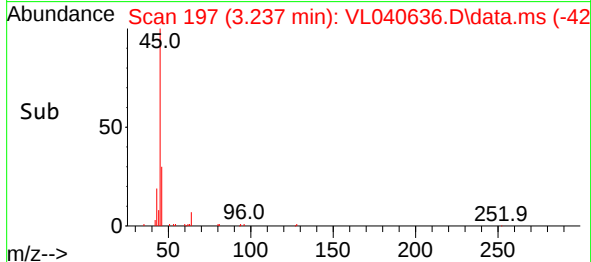
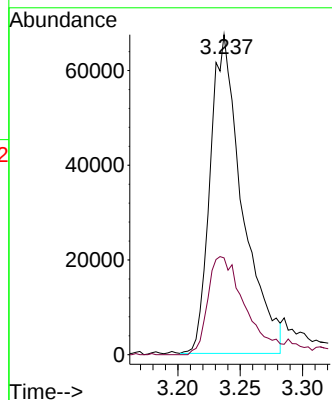
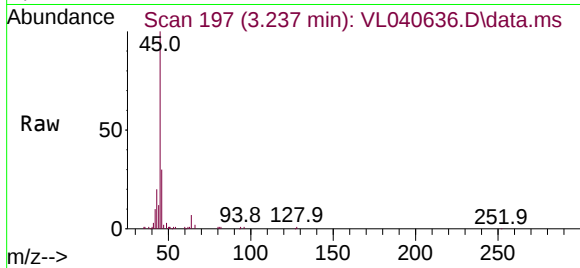




#13
Ethanol
Concen: 7.928 ppbv
RT: 3.237 min Scan# 198
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

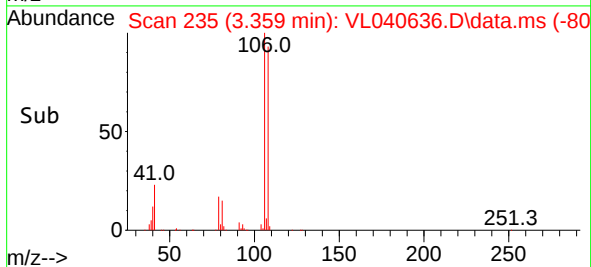
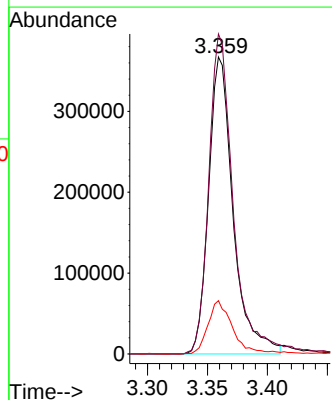
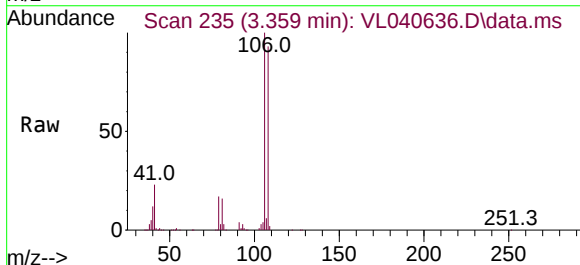
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

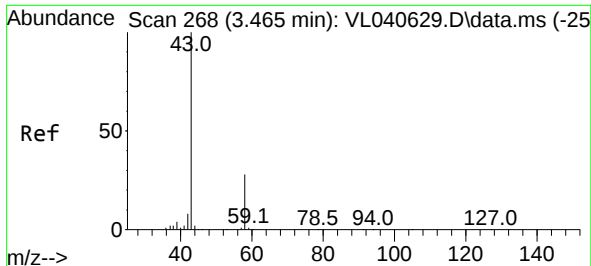
Tgt Ion: 45 Resp: 121323
Ion Ratio Lower Upper
45 100
46 37.6 14.2 56.6



#14
Bromoethene
Concen: 9.259 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion:108 Resp: 523008
Ion Ratio Lower Upper
108 100
106 109.3 87.3 130.9
79 18.8 14.4 21.6





#15

Acetone

Concen: 8.515 ppbv

RT: 3.462 min Scan# 2

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

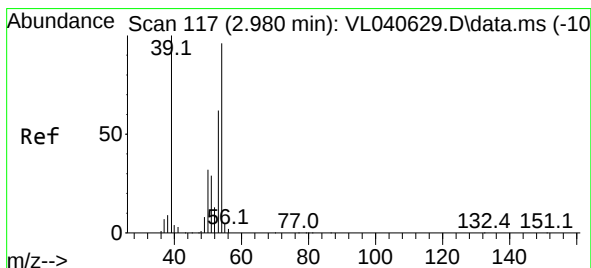
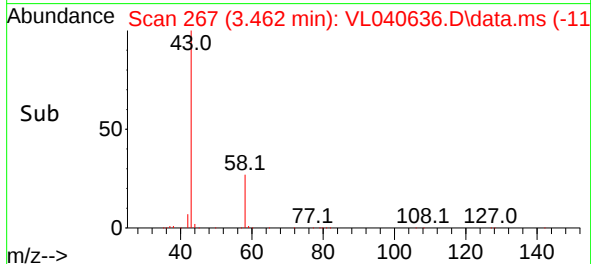
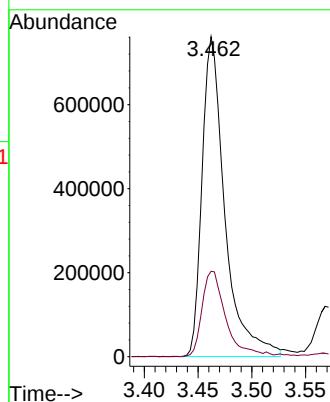
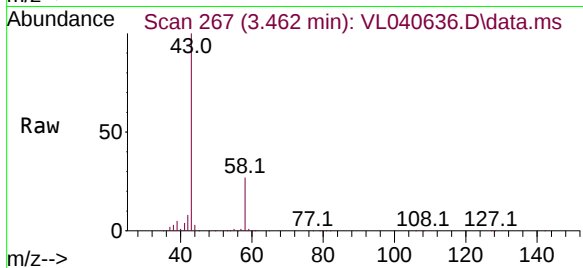
ICVVL081523

Tgt Ion: 43 Resp: 1122524

Ion Ratio Lower Upper

43 100

58 28.3 22.4 33.6



#16

1,3-Butadiene

Concen: 9.016 ppbv

RT: 2.977 min Scan# 116

Delta R.T. -0.003 min

Lab File: VL040636.D

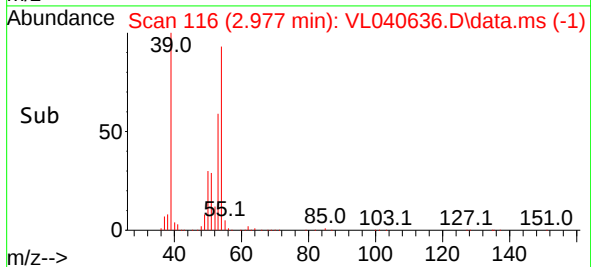
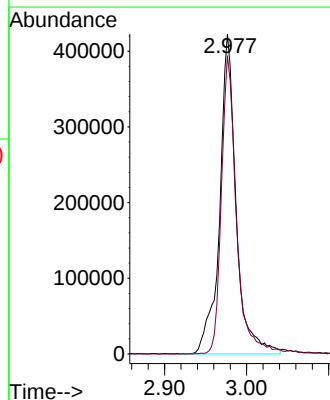
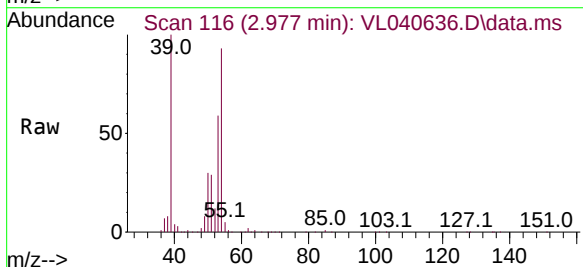
Acq: 15 Aug 2023 16:42

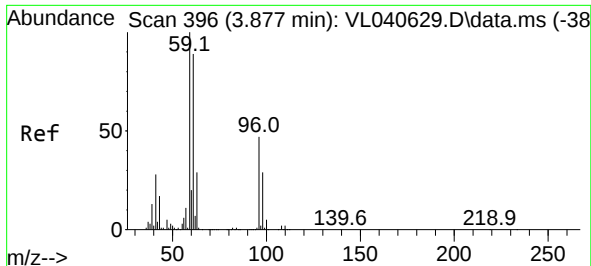
Tgt Ion: 39 Resp: 591084

Ion Ratio Lower Upper

39 100

54 85.9 66.6 99.8





#17

tert-Butyl alcohol

Concen: 9.823 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

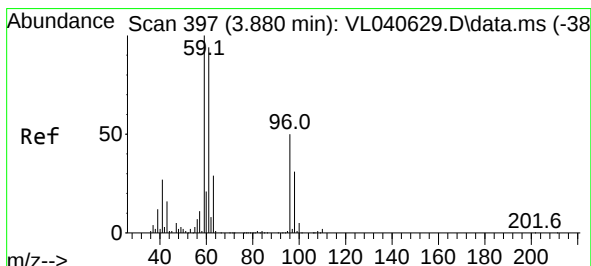
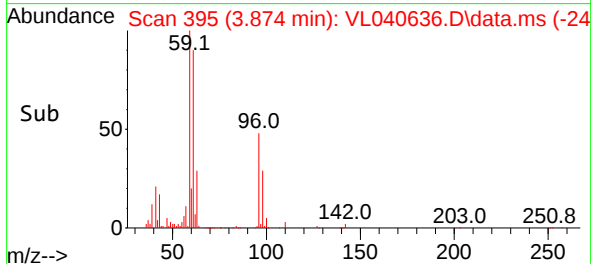
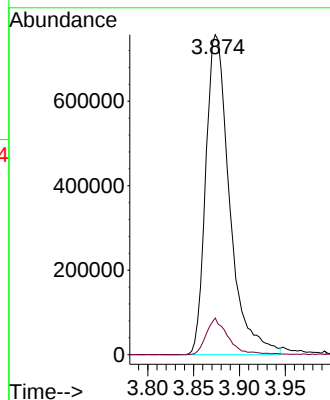
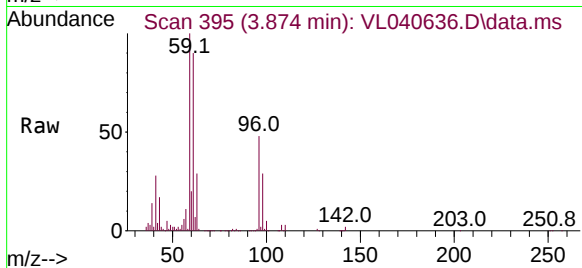
ICVVL081523

Tgt Ion: 59 Resp: 1373307

Ion Ratio Lower Upper

59 100

57 10.7 8.4 12.6



#18

1,1-Dichloroethene

Concen: 8.790 ppbv

RT: 3.877 min Scan# 396

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

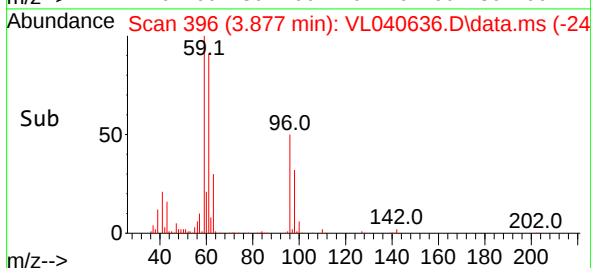
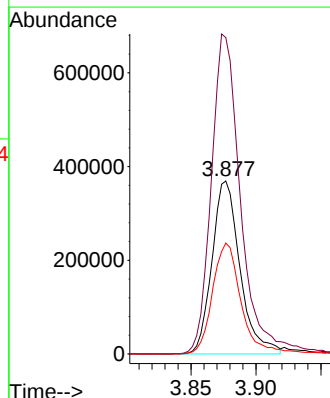
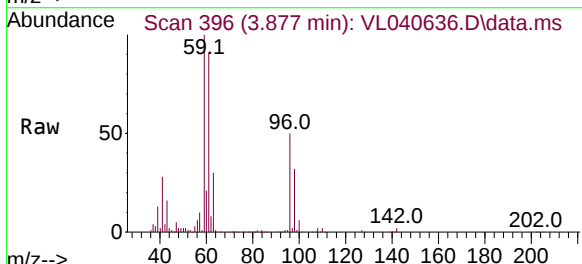
Tgt Ion: 96 Resp: 554114

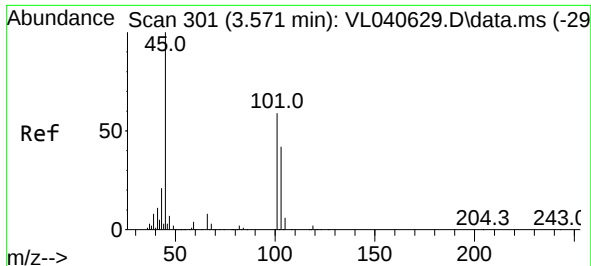
Ion Ratio Lower Upper

96 100

61 182.6 150.4 225.6

98 64.0 49.7 74.5

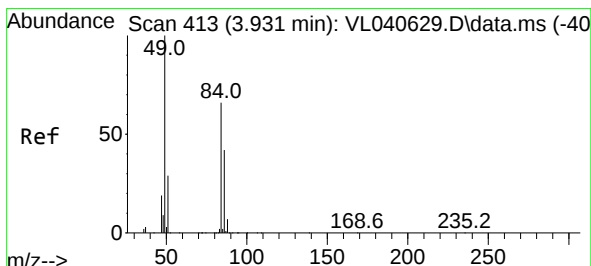
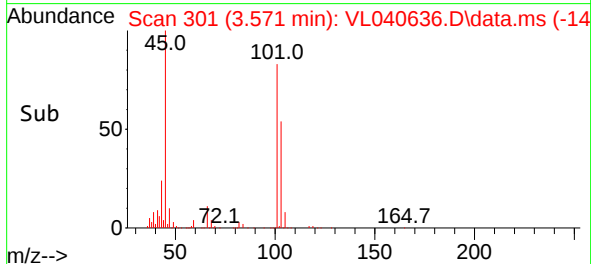
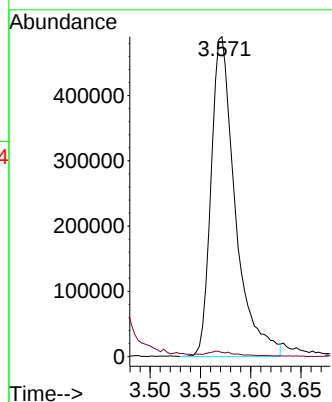
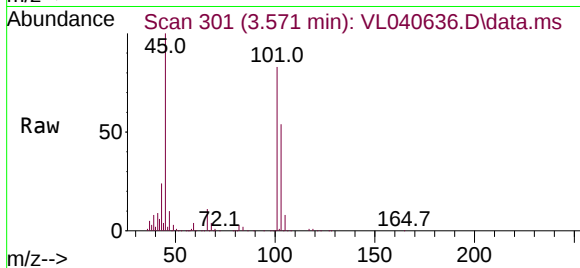




#19
Isopropyl Alcohol
Concen: 9.816 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

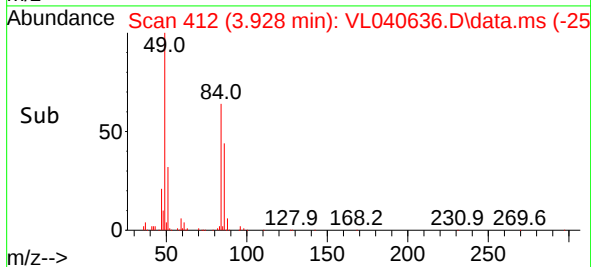
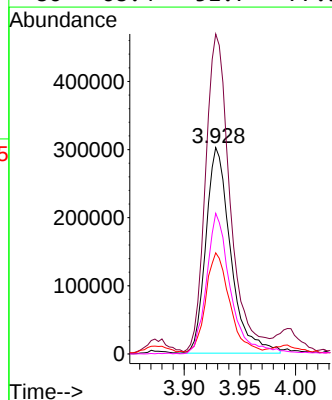
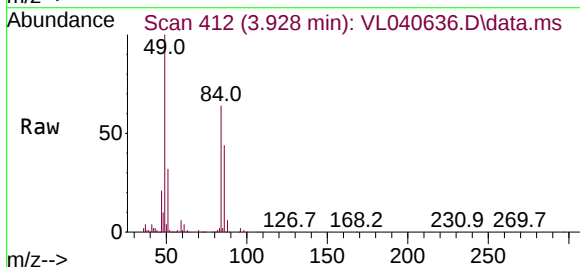
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

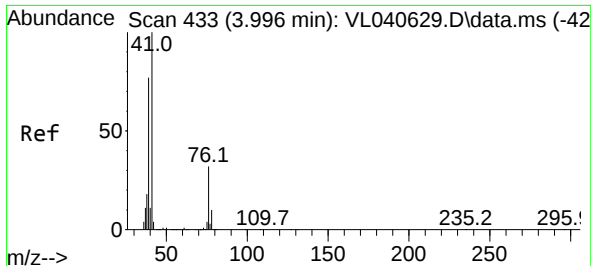
Tgt Ion: 45 Resp: 820559
Ion Ratio Lower Upper
45 100
58 2.4 1.9 2.9



#20
Methylene Chloride
Concen: 7.269 ppbv
RT: 3.928 min Scan# 412
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 84 Resp: 468291
Ion Ratio Lower Upper
84 100
49 153.7 122.1 183.1
51 47.9 35.4 53.2
86 68.4 51.7 77.5





#21

Allyl Chloride

Concen: 8.998 ppbv

RT: 3.993 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081523

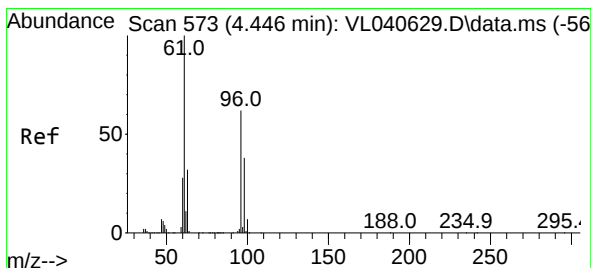
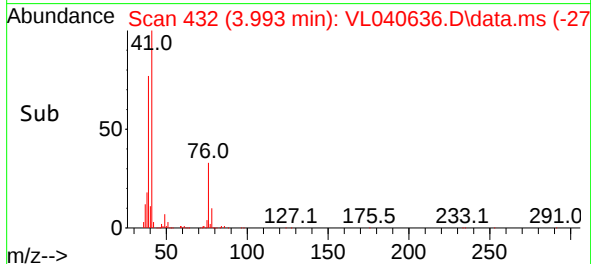
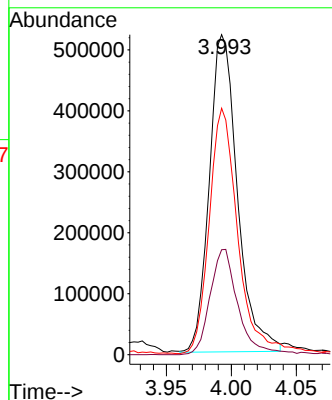
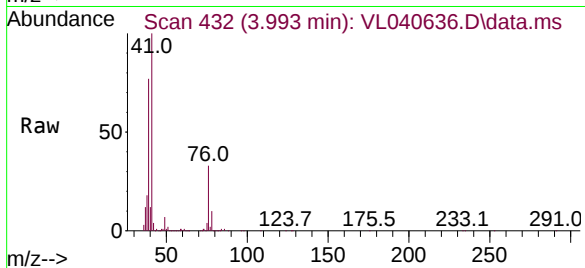
Tgt Ion: 41 Resp: 784644

Ion Ratio Lower Upper

41 100

76 33.2 25.5 38.3

39 79.6 61.8 92.6



#22

trans-1,2-Dichloroethene

Concen: 9.062 ppbv

RT: 4.443 min Scan# 572

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

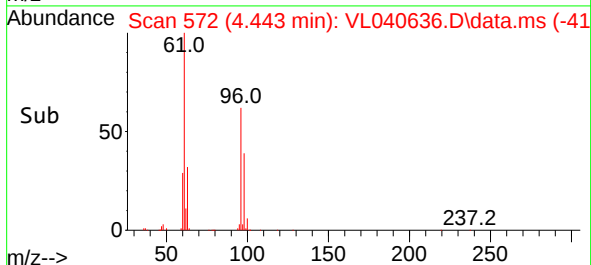
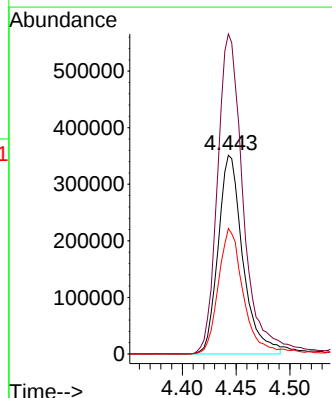
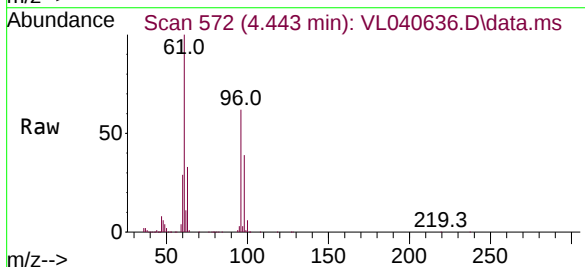
Tgt Ion: 96 Resp: 560788

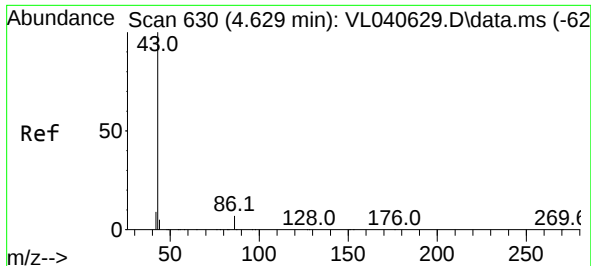
Ion Ratio Lower Upper

96 100

61 161.1 128.1 192.1

98 63.1 48.1 72.1



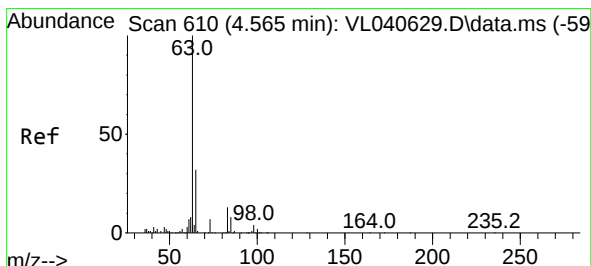
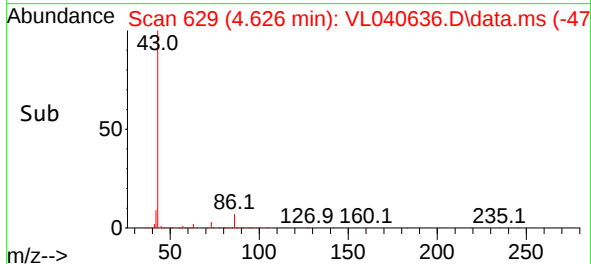
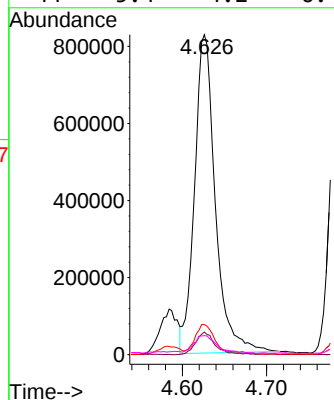
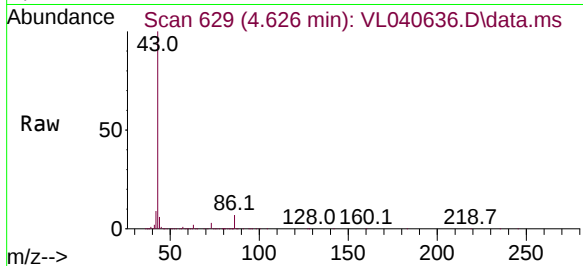


#23
 Vinyl Acetate
 Concen: 9.416 ppbv
 RT: 4.626 min Scan# 610
 Delta R.T. -0.003 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

Instrument :
 MSVOA_1
 ClientSampleId :
 ICVVL081523

Tgt Ion: 43 Resp: 1414443

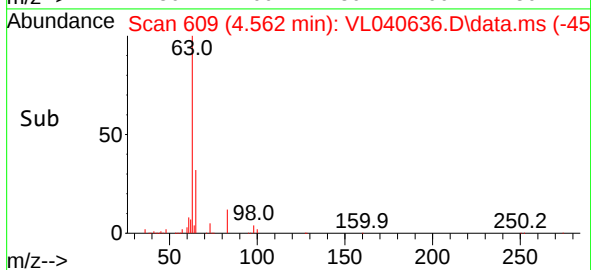
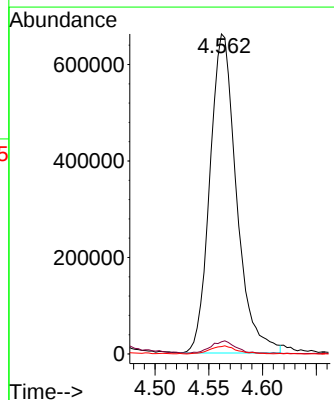
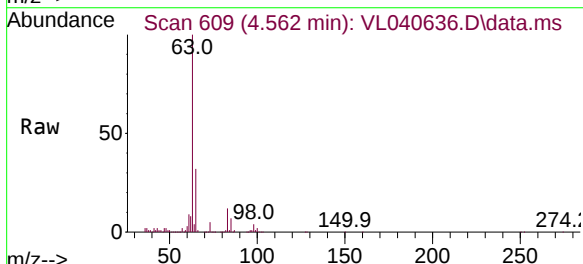
Ion	Ratio	Lower	Upper
43	100		
86	7.1	5.0	7.6
42	9.4	7.8	11.8
44	5.4	4.2	6.4

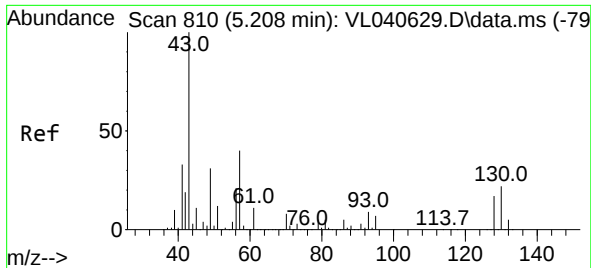


#24
 1,1-Dichloroethane
 Concen: 8.863 ppbv
 RT: 4.562 min Scan# 609
 Delta R.T. -0.003 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

Tgt Ion: 63 Resp: 1138533

Ion	Ratio	Lower	Upper
63	100		
98	3.6	2.0	6.0
100	2.1	1.1	3.3



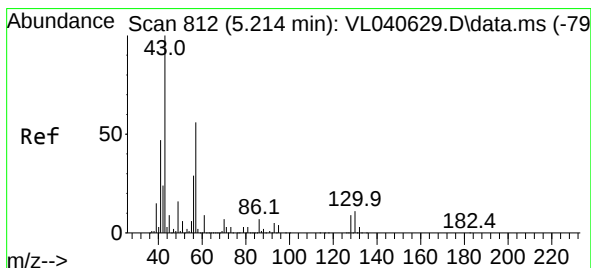
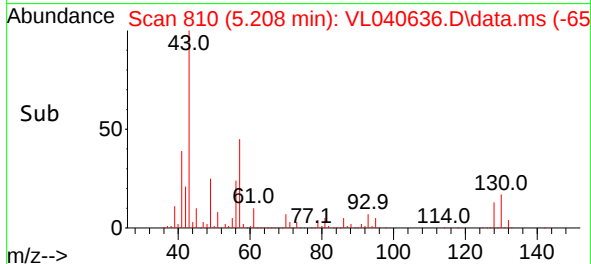
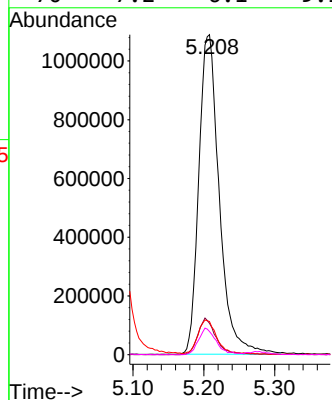
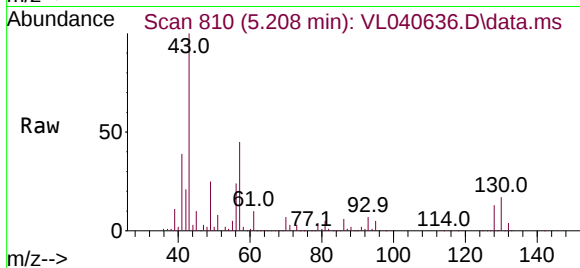


#25
Ethyl Acetate
Concen: 8.811 ppbv
RT: 5.208 min Scan# 810
Delta R.T. 0.000 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

Tgt Ion: 43 Resp: 2181412

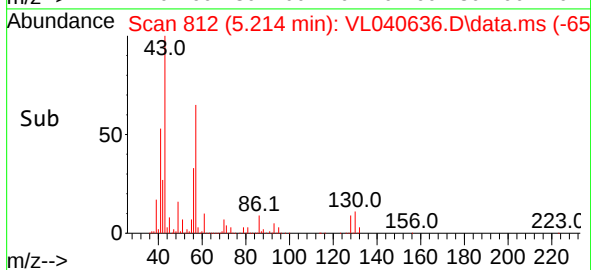
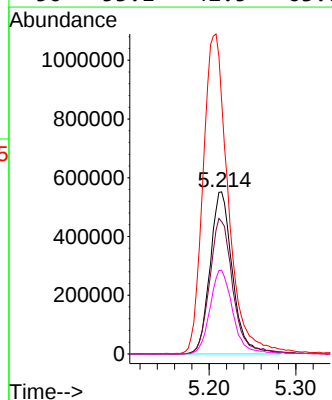
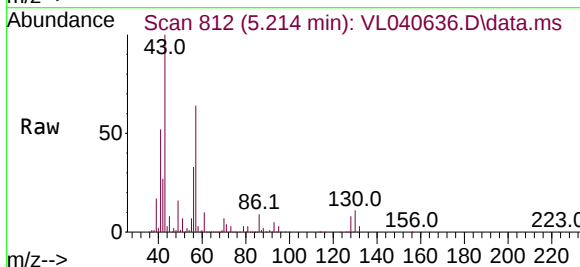
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.2	8.3	12.5
70	7.2	6.1	9.1

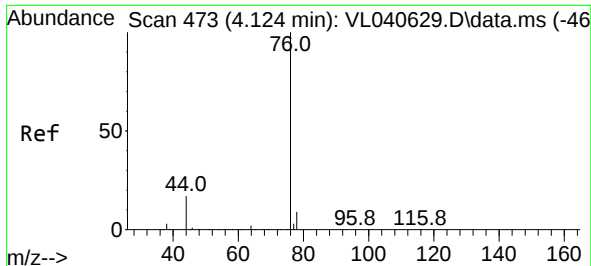


#26
Hexane
Concen: 8.263 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.000 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 57 Resp: 989880

Ion	Ratio	Lower	Upper
57	100		
41	87.4	69.3	103.9
43	222.7	177.9	266.9
56	53.1	42.5	63.7

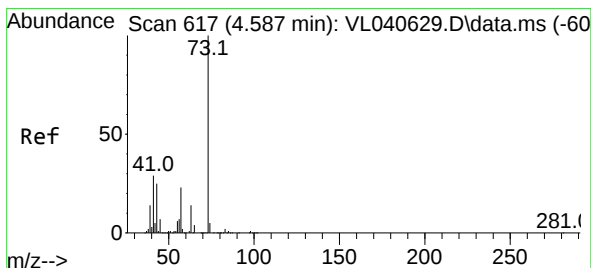
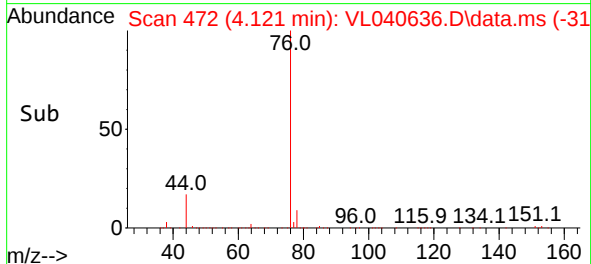
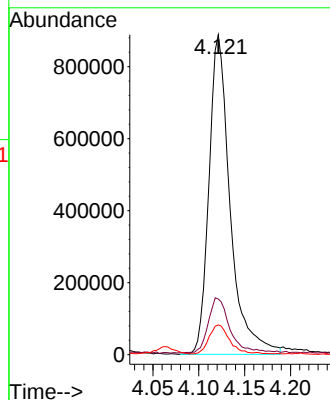
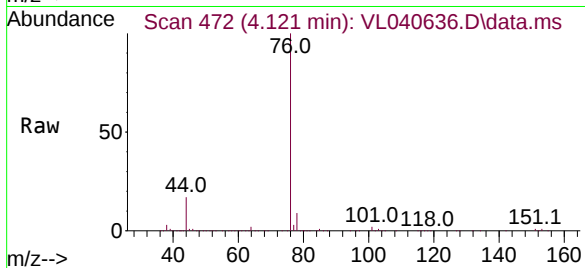




#27
Carbon Disulfide
Concen: 10.017 ppbv
RT: 4.121 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

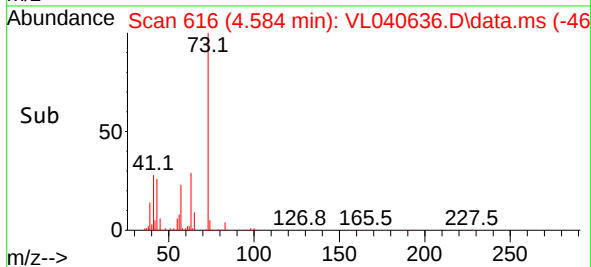
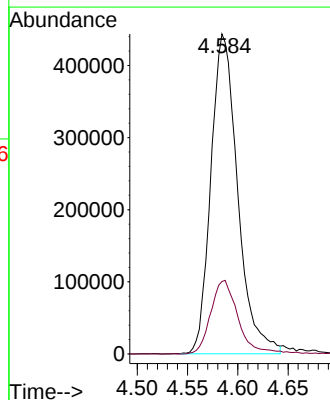
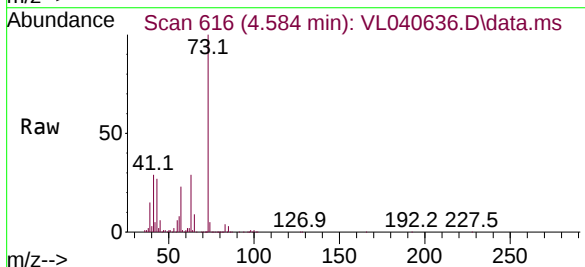
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

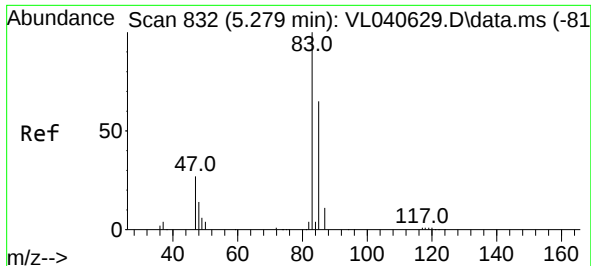
Tgt Ion: 76 Resp: 1428553
Ion Ratio Lower Upper
76 100
44 18.8 14.3 21.5
78 9.6 7.4 11.0



#28
Methyl tert-Butyl Ether
Concen: 8.878 ppbv
RT: 4.584 min Scan# 616
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 73 Resp: 822163
Ion Ratio Lower Upper
73 100
57 23.7 18.9 28.3

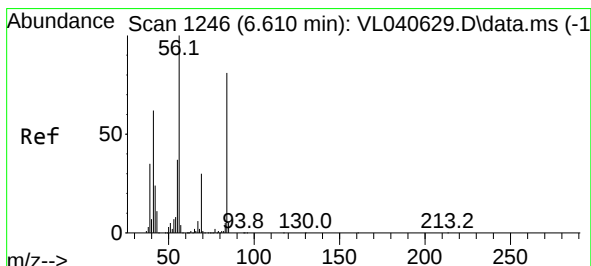
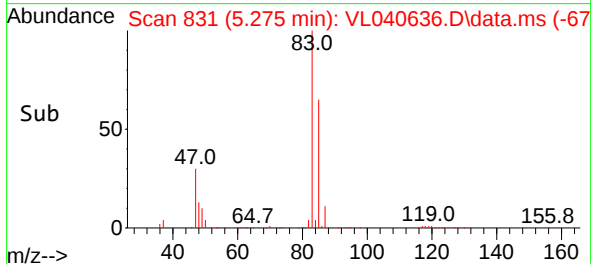
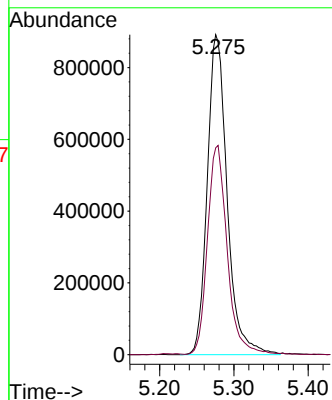
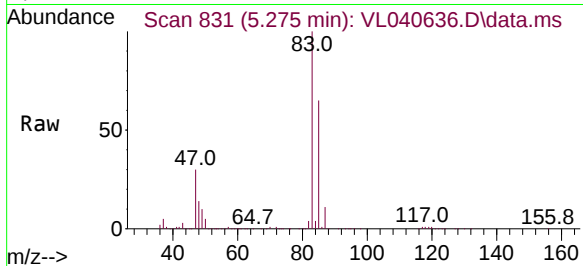




#29
Chloroform
Concen: 8.721 ppbv
RT: 5.275 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

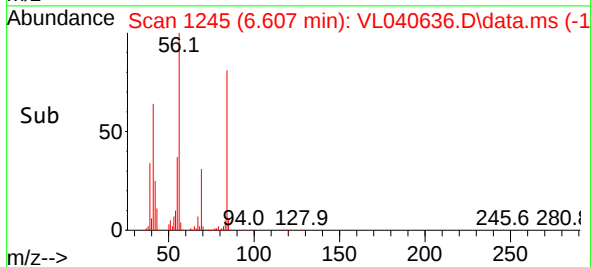
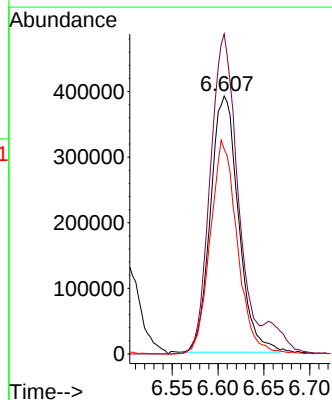
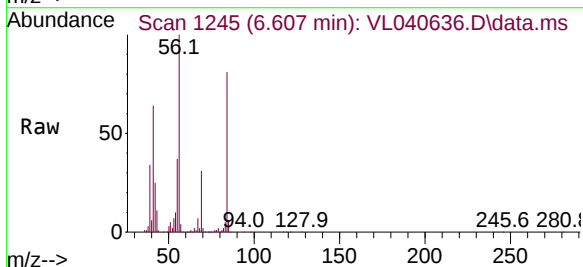
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

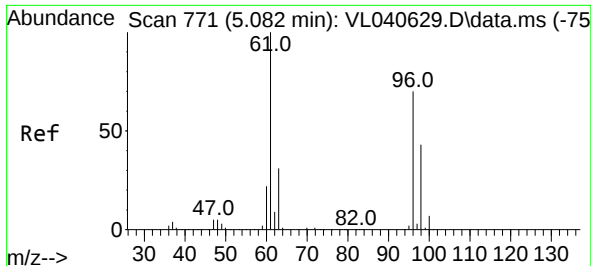
Tgt Ion: 83 Resp: 1653529
Ion Ratio Lower Upper
83 100
85 64.5 52.2 78.2



#30
Cyclohexane
Concen: 9.038 ppbv
RT: 6.607 min Scan# 1245
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 84 Resp: 828418
Ion Ratio Lower Upper
84 100
56 131.8 105.4 158.2
41 81.1 64.2 96.2



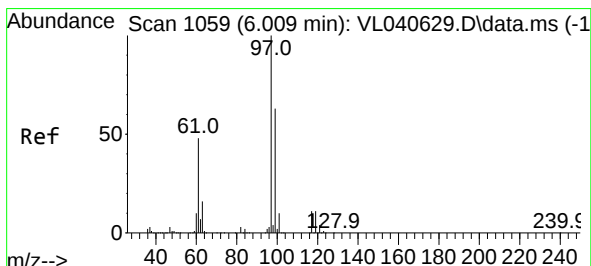
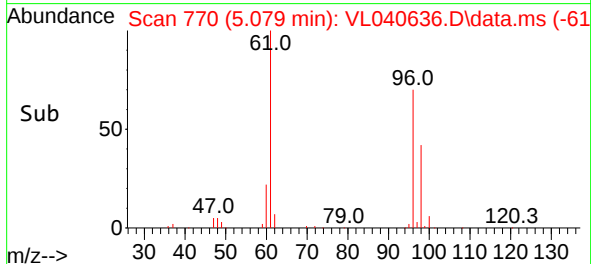
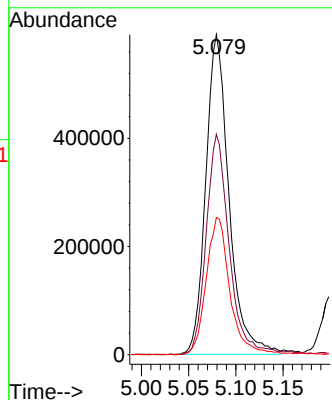
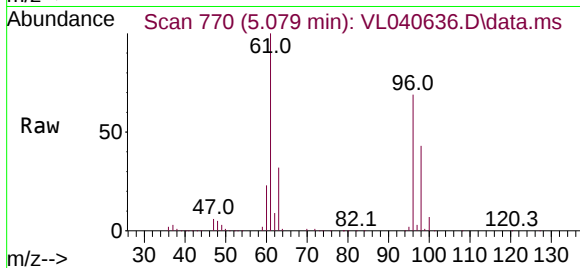


#31
 cis-1,2-Dichloroethene
 Concen: 9.322 ppbv
 RT: 5.079 min Scan# 771
 Delta R.T. -0.003 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL081523

Tgt Ion: 61 Resp: 1007757

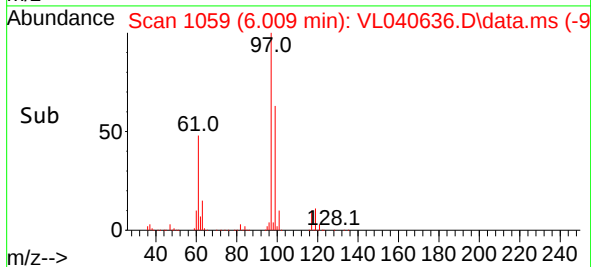
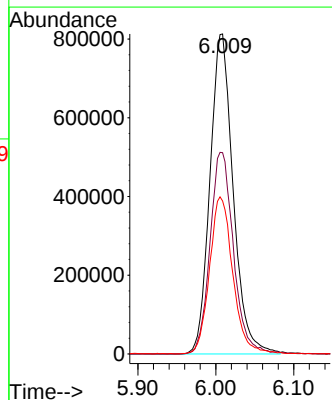
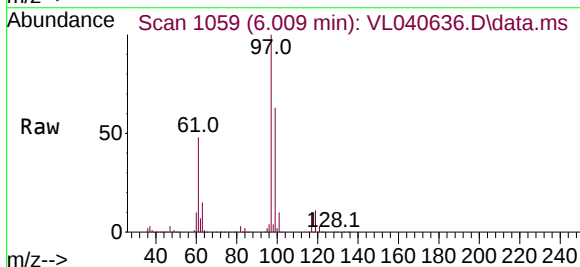
Ion	Ratio	Lower	Upper
61	100		
96	68.8	55.8	83.6
98	42.8	34.8	52.2



#32
 1,1,1-Trichloroethane
 Concen: 9.258 ppbv
 RT: 6.009 min Scan# 1059
 Delta R.T. 0.000 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

Tgt Ion: 97 Resp: 1680923

Ion	Ratio	Lower	Upper
97	100		
99	63.9	51.2	76.8
61	49.5	39.7	59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.658 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081523

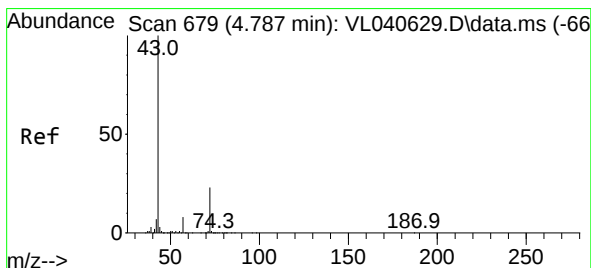
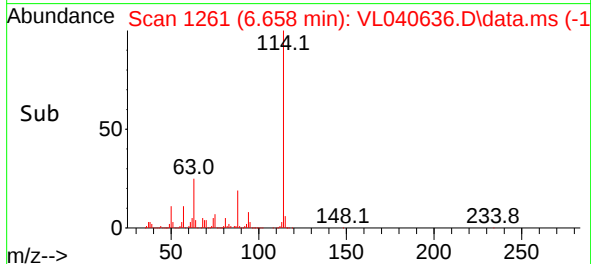
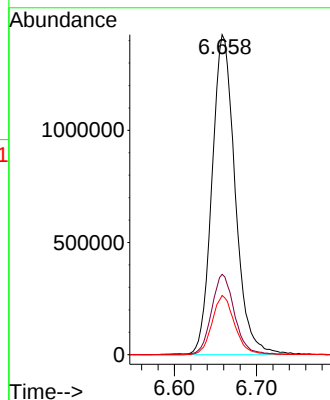
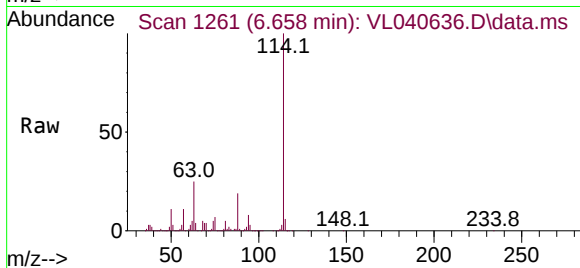
Tgt Ion:114 Resp: 2793322

Ion Ratio Lower Upper

114 100

63 25.3 20.2 30.2

88 18.1 14.1 21.1



#34

2-Butanone

Concen: 9.576 ppbv

RT: 4.787 min Scan# 679

Delta R.T. 0.000 min

Lab File: VL040636.D

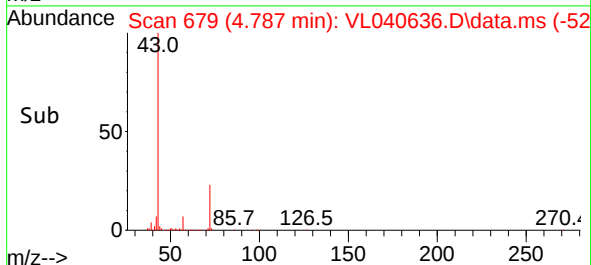
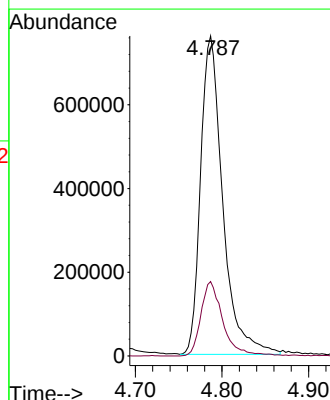
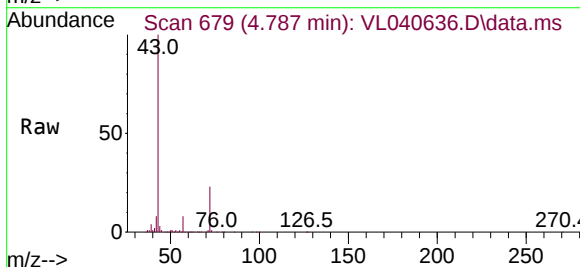
Acq: 15 Aug 2023 16:42

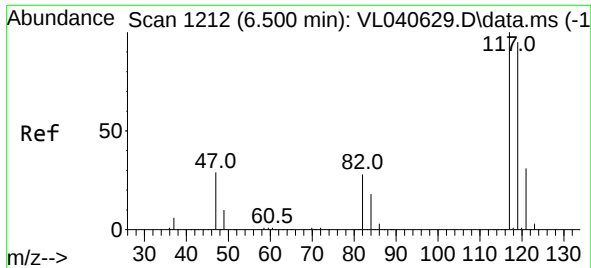
Tgt Ion: 43 Resp: 1348958

Ion Ratio Lower Upper

43 100

72 23.4 19.2 28.8

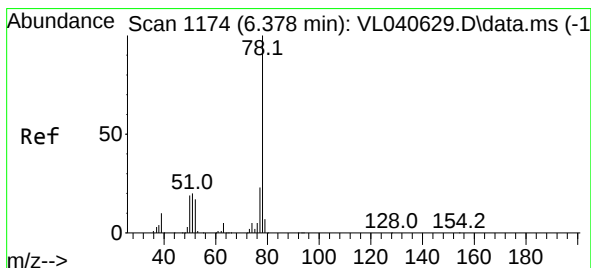
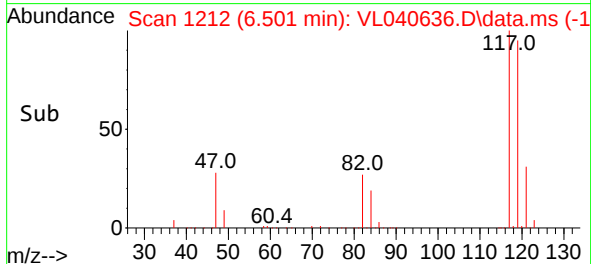
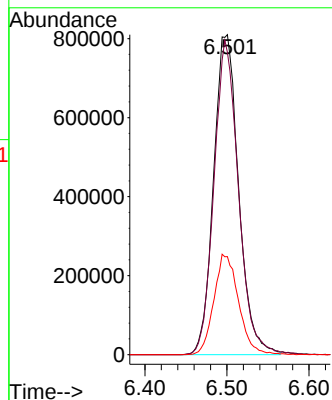
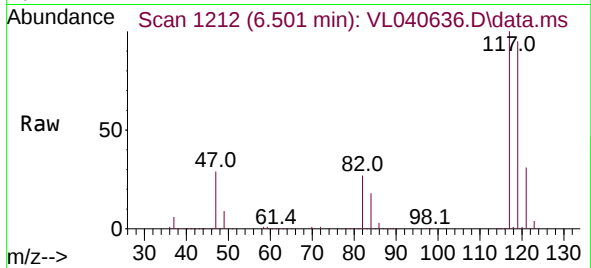




#35
Carbon Tetrachloride
Concen: 9.850 ppbv
RT: 6.501 min Scan# 1173
Delta R.T. 0.000 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

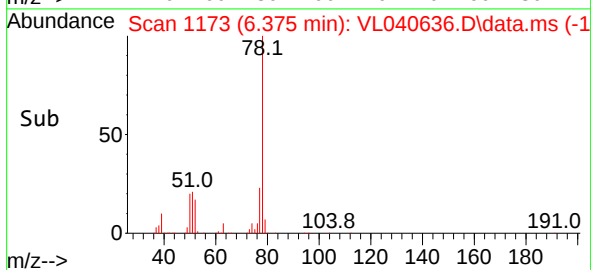
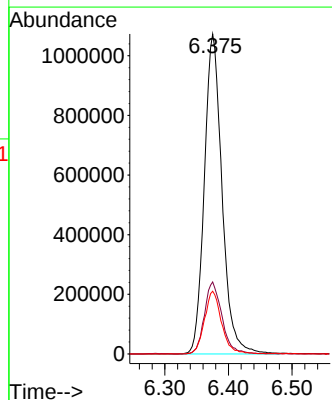
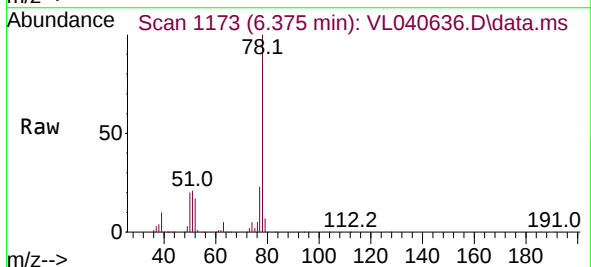
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

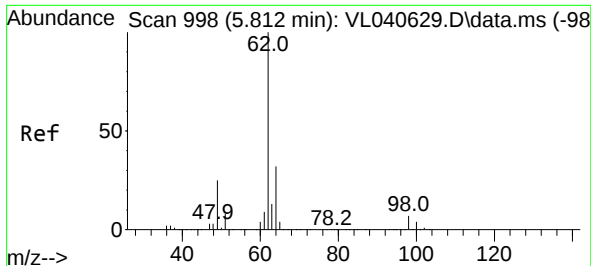
Tgt Ion:117 Resp: 1721550
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4
121 30.6 24.9 37.3



#36
Benzene
Concen: 9.328 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 78 Resp: 2072829
Ion Ratio Lower Upper
78 100
77 22.5 18.2 27.2
50 19.5 15.0 22.6

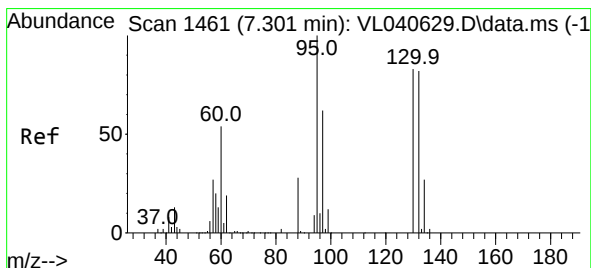
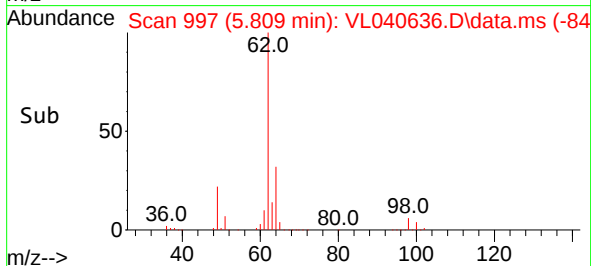
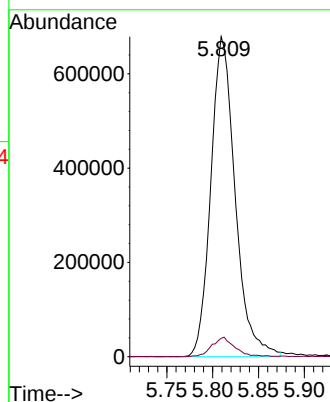
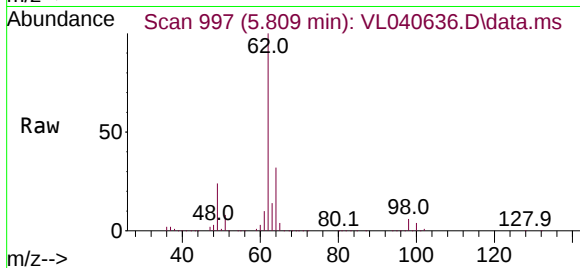




#37
1,2-Dichloroethane
Concen: 9.354 ppbv
RT: 5.809 min Scan# 998
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

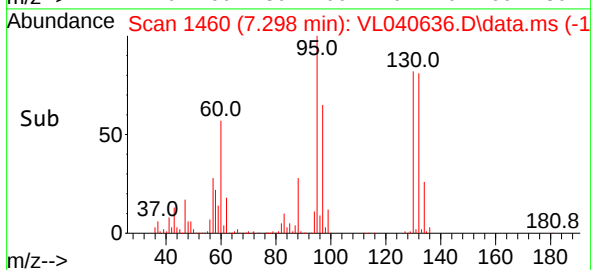
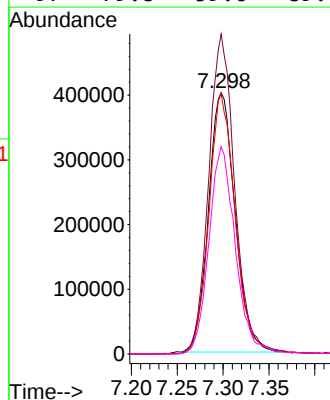
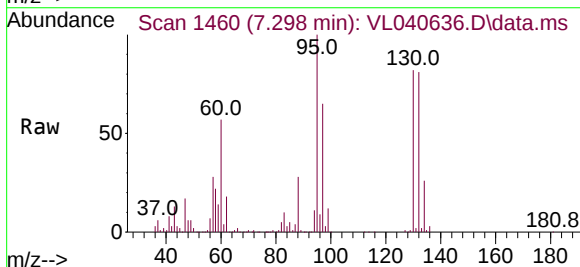
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

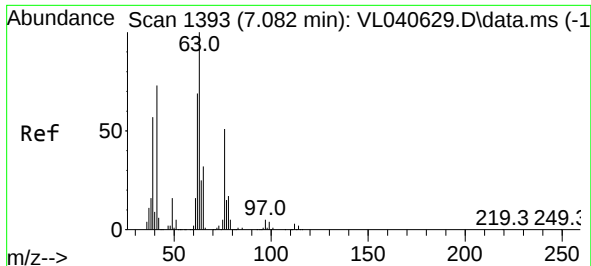
Tgt Ion: 62 Resp: 1253670
Ion Ratio Lower Upper
62 100
98 5.9 4.9 7.3



#38
Trichloroethene
Concen: 9.402 ppbv
RT: 7.298 min Scan# 1460
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion:130 Resp: 809024
Ion Ratio Lower Upper
130 100
95 123.2 95.9 143.9
132 100.1 79.0 118.4
97 79.8 59.6 89.4





#39

1,2-Dichloropropane

Concen: 9.244 ppbv

RT: 7.079 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081523

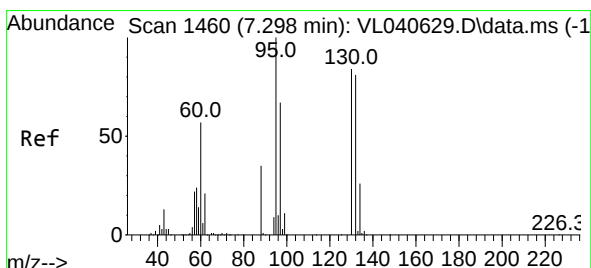
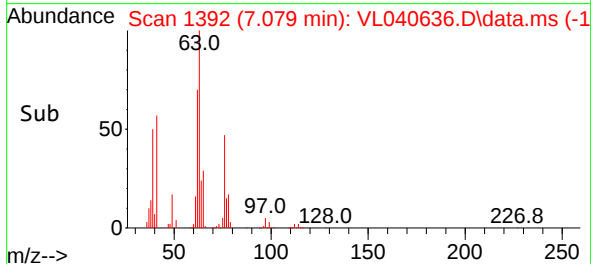
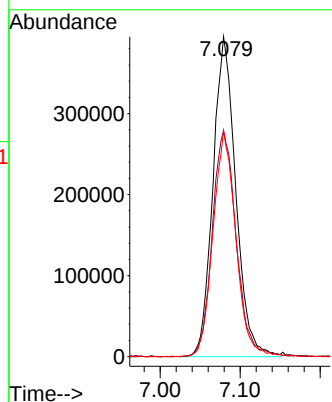
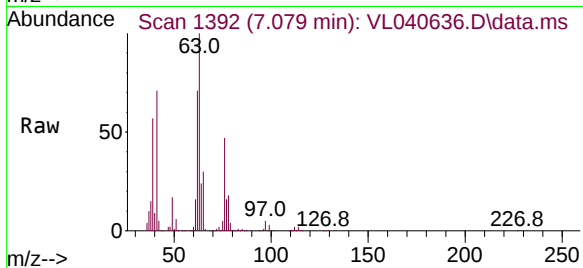
Tgt Ion: 63 Resp: 781534

Ion Ratio Lower Upper

63 100

41 70.7 58.2 87.2

62 70.5 55.0 82.4



#40

1,4-Dioxane

Concen: 10.123 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Tgt Ion: 88 Resp: 324228

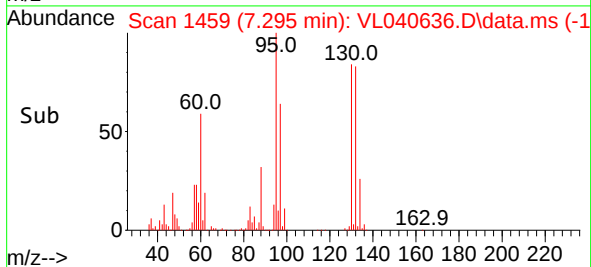
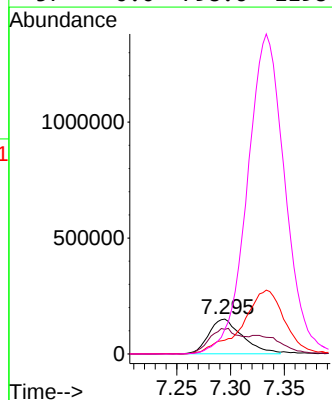
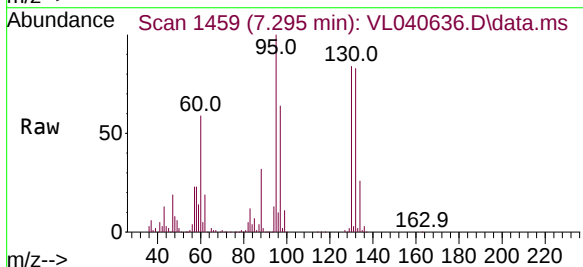
Ion Ratio Lower Upper

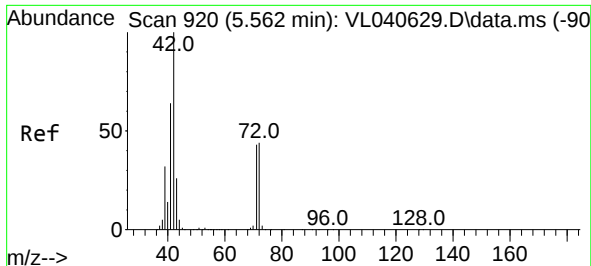
88 100

58 121.6 92.8 139.2

43 0.0 179.1 268.7#

57 0.0 798.6 1198.0#





#41

Tetrahydrofuran

Concen: 9.779 ppbv

RT: 5.558 min Scan# 919

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081523

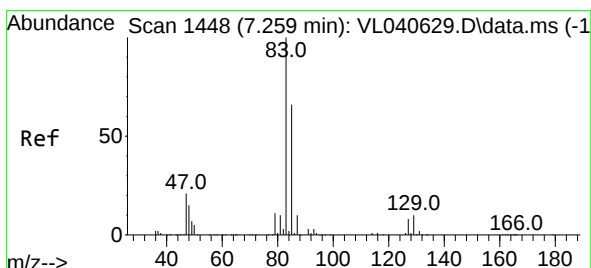
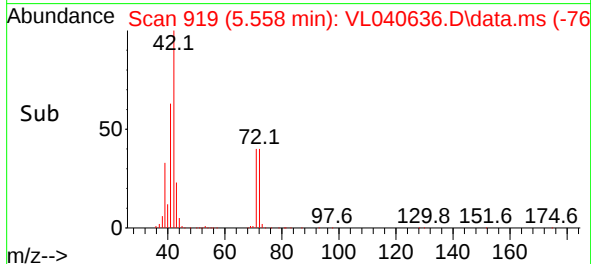
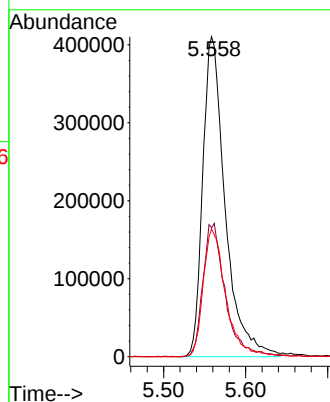
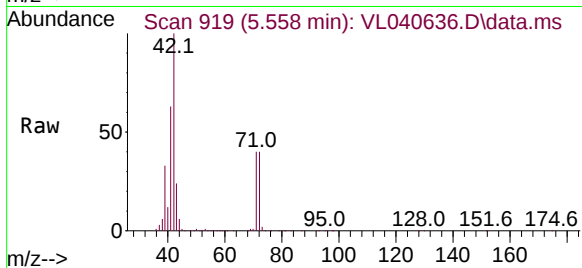
Tgt Ion: 42 Resp: 778601

Ion Ratio Lower Upper

42 100

72 41.8 34.2 51.4

71 40.5 33.4 50.0



#42

Bromodichloromethane

Concen: 9.687 ppbv

RT: 7.256 min Scan# 1447

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

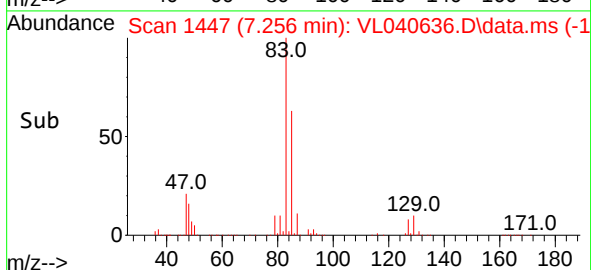
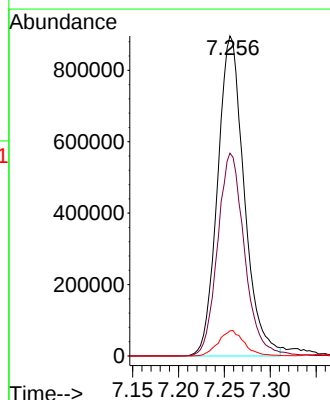
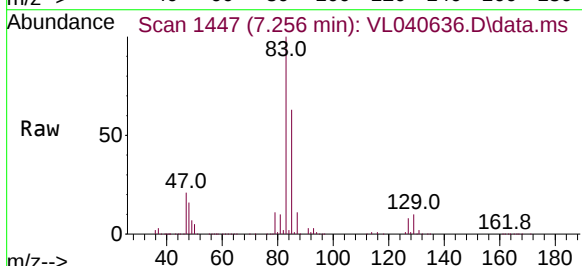
Tgt Ion: 83 Resp: 1807101

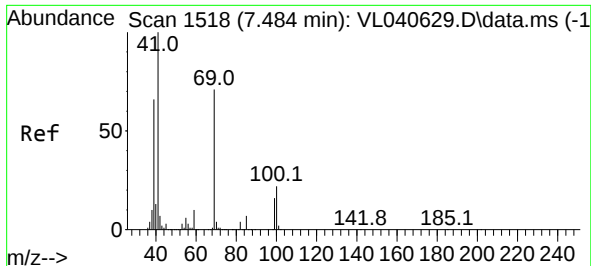
Ion Ratio Lower Upper

83 100

85 63.4 52.5 78.7

127 7.8 6.1 9.1



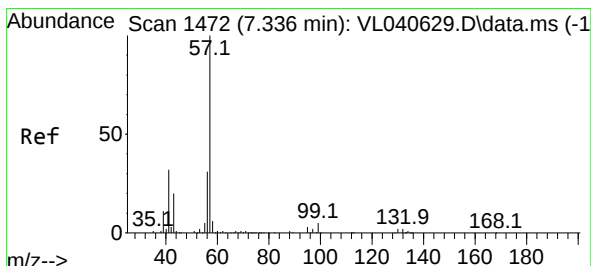
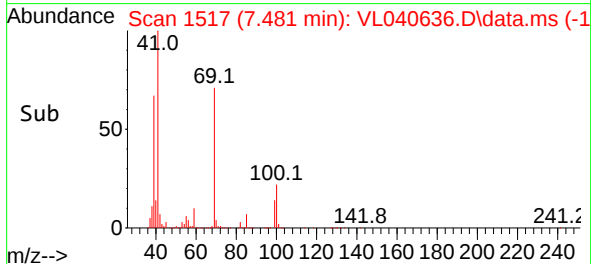
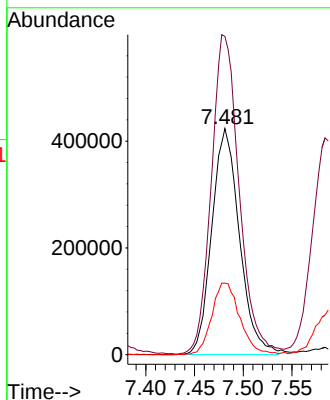
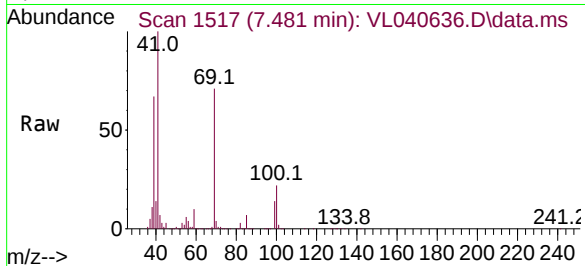


#43
Methyl Methacrylate
Concen: 10.019 ppbv
RT: 7.481 min Scan# 1517
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

Tgt Ion: 69 Resp: 833624

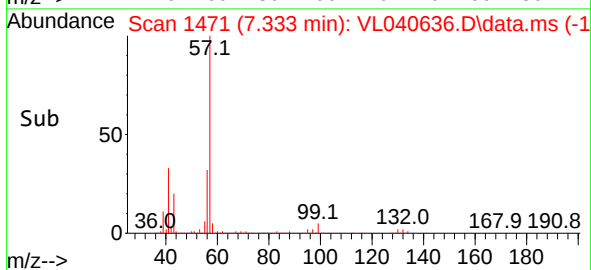
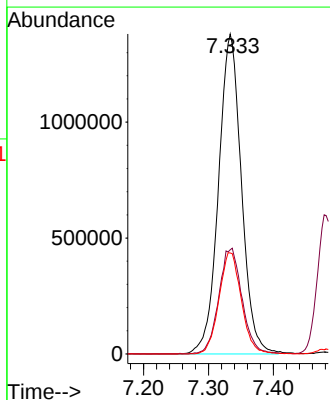
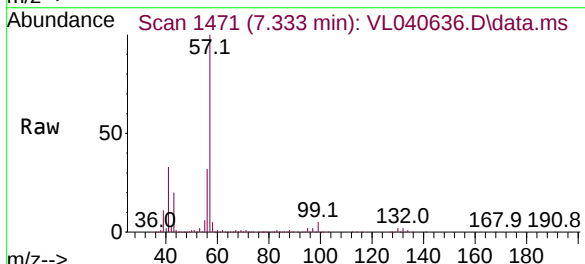
Ion	Ratio	Lower	Upper
69	100		
41	143.1	111.8	167.8
100	32.5	25.8	38.6

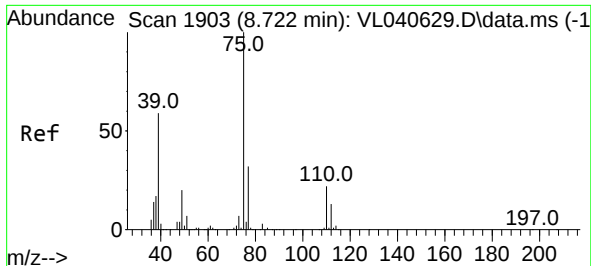


#44
2,2,4-Trimethylpentane
Concen: 9.391 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 57 Resp: 3373021

Ion	Ratio	Lower	Upper
57	100		
41	33.7	26.2	39.4
56	31.0	24.7	37.1





#45

t-1,3-Dichloropropene

Concen: 11.177 ppbv

RT: 8.719 min Scan# 1903

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

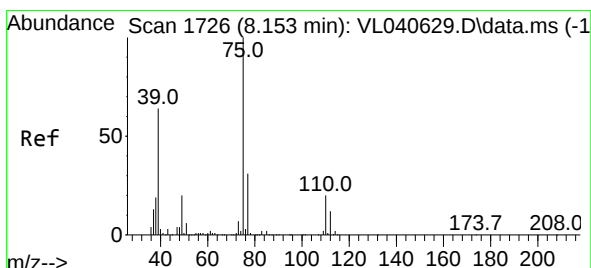
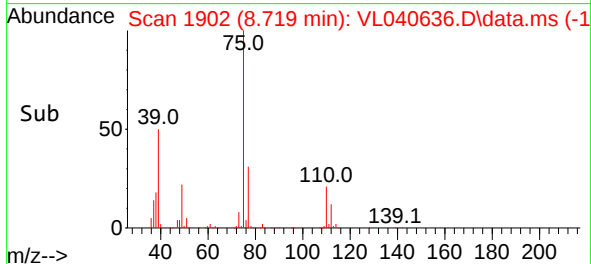
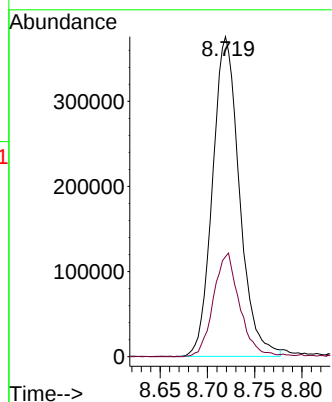
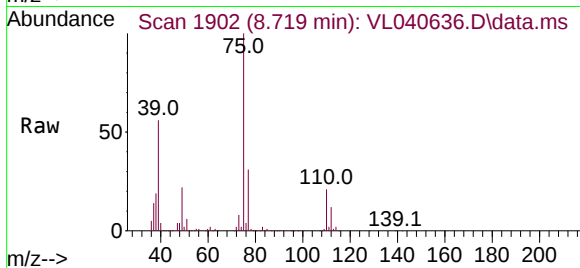
ICVVL081523

Tgt Ion: 75 Resp: 742714

Ion Ratio Lower Upper

75 100

77 31.3 25.6 38.4



#46

cis-1,3-Dichloropropene

Concen: 10.770 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. 0.000 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

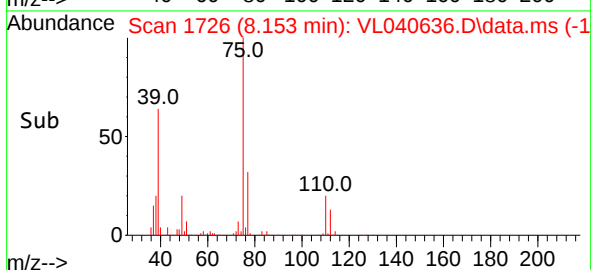
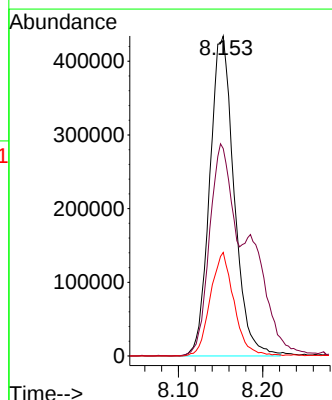
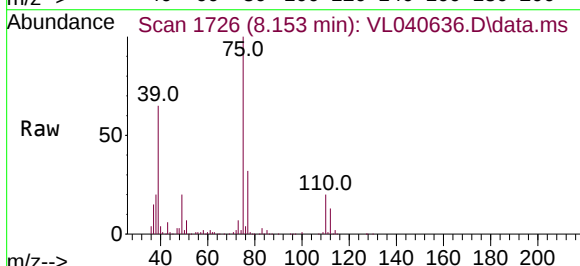
Tgt Ion: 75 Resp: 873005

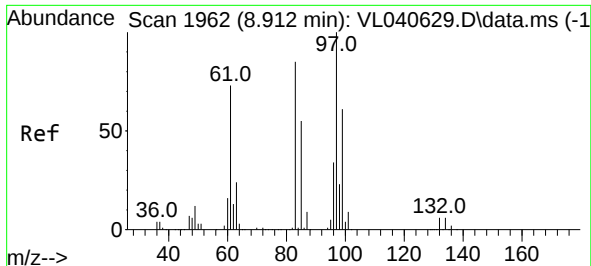
Ion Ratio Lower Upper

75 100

39 64.8 51.0 76.4

77 32.4 24.6 36.8





#47

1,1,2-Trichloroethane

Concen: 9.196 ppbv

RT: 8.909 min Scan# 1961

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081523

Tgt Ion: 97 Resp: 878190

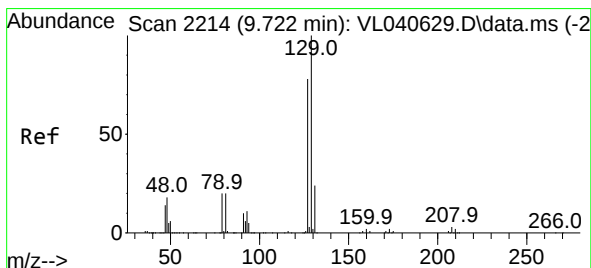
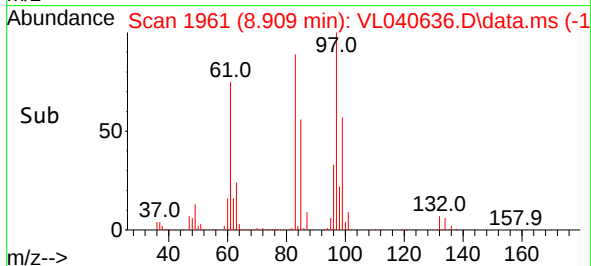
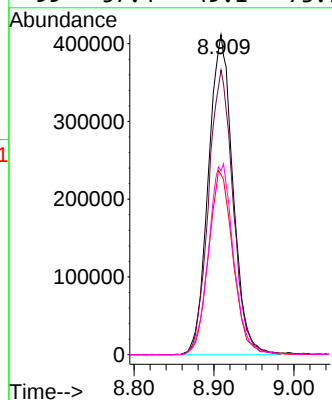
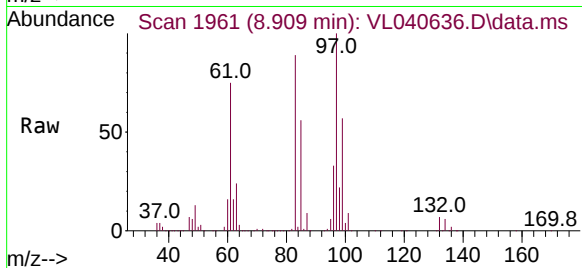
Ion Ratio Lower Upper

97 100

83 88.9 67.8 101.8

85 56.3 44.0 66.0

99 57.4 49.1 73.7



#48

Dibromochloromethane

Concen: 9.980 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. 0.000 min

Lab File: VL040636.D

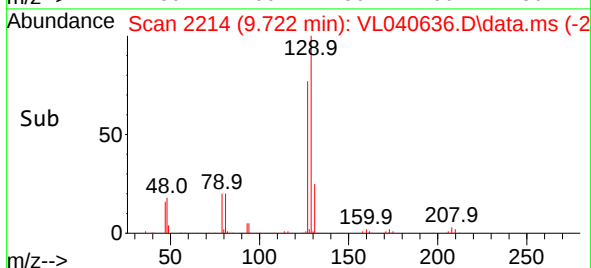
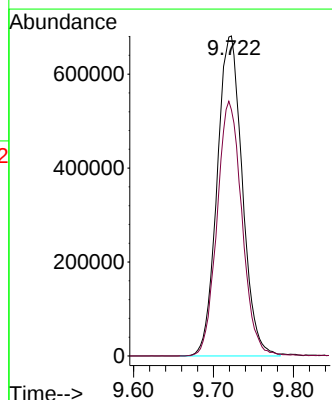
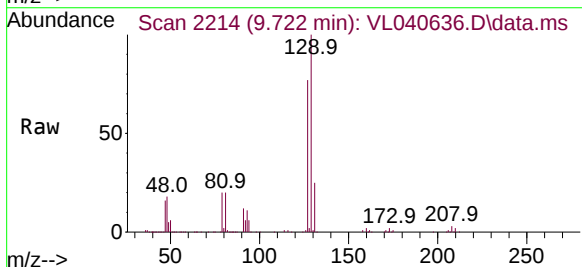
Acq: 15 Aug 2023 16:42

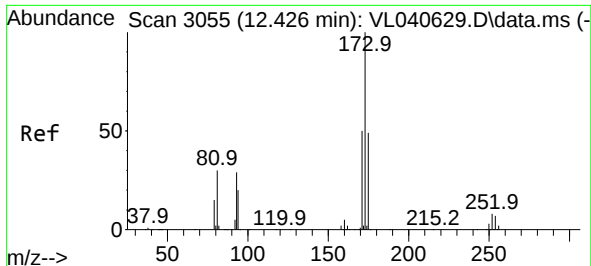
Tgt Ion: 129 Resp: 1491594

Ion Ratio Lower Upper

129 100

127 78.9 38.9 116.7

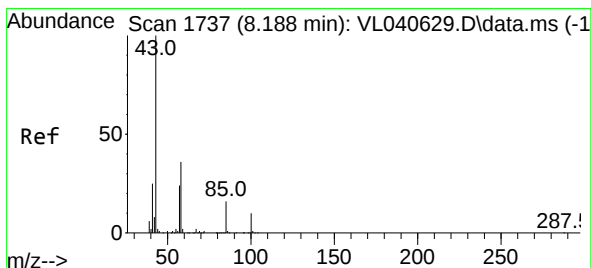
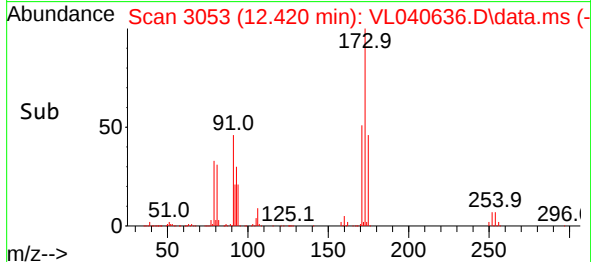
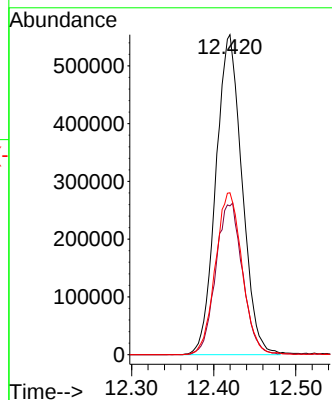
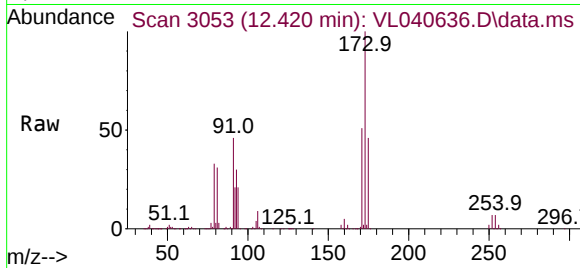




#49
Bromoform
Concen: 10.266 ppbv
RT: 12.420 min Scan# 3053
Delta R.T. -0.006 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

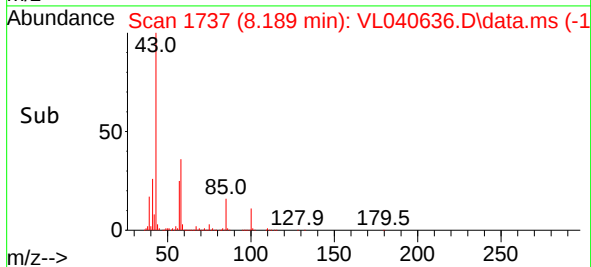
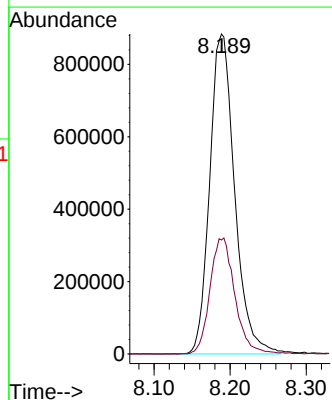
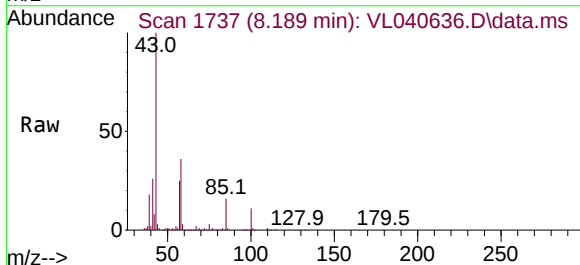
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

Tgt Ion:173 Resp: 1229371
Ion Ratio Lower Upper
173 100
175 48.8 39.0 58.6
171 51.8 41.9 62.9



#50
4-Methyl-2-Pentanone
Concen: 9.775 ppbv
RT: 8.189 min Scan# 1737
Delta R.T. 0.000 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 43 Resp: 2011539
Ion Ratio Lower Upper
43 100
58 36.4 29.2 43.8



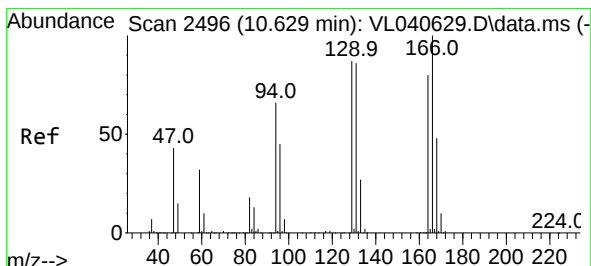
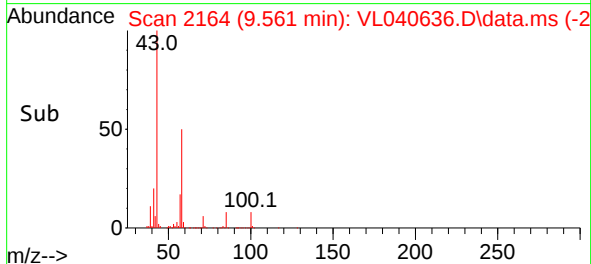
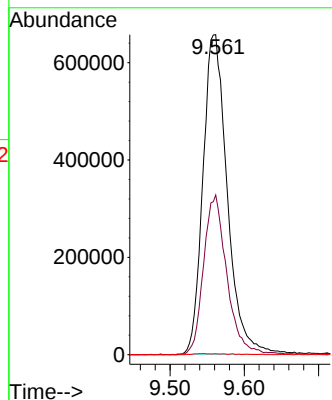
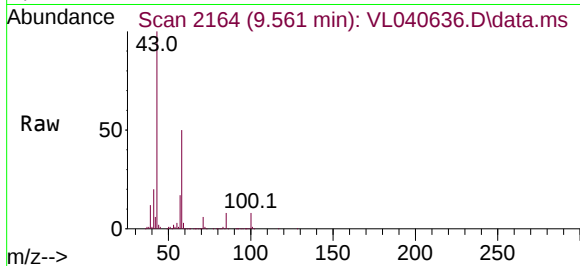


#51
2-Hexanone
Concen: 10.268 ppbv
RT: 9.561 min Scan# 2165
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

Tgt Ion: 43 Resp: 1488857

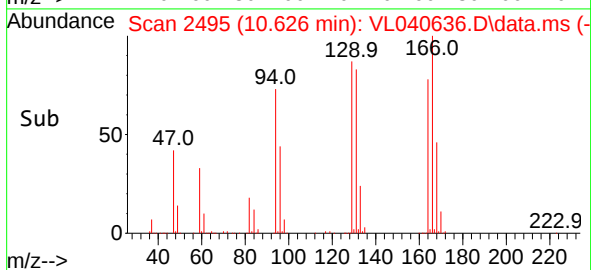
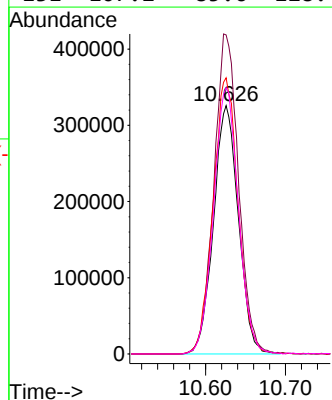
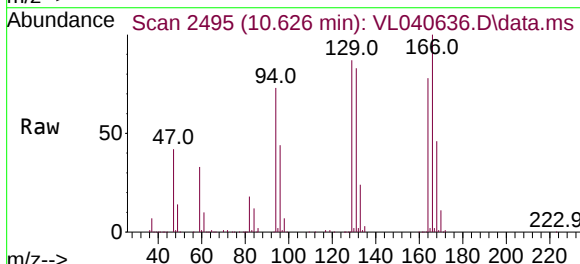
Ion	Ratio	Lower	Upper
43	100		
58	48.2	39.4	59.2
98	0.5	0.4	0.6

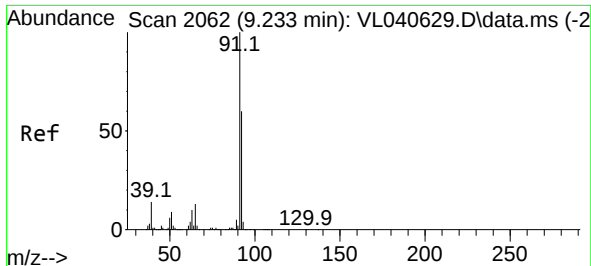


#52
Tetrachloroethene
Concen: 10.103 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 164 Resp: 703103

Ion	Ratio	Lower	Upper
164	100		
166	128.5	99.5	149.3
129	111.1	86.9	130.3
131	107.2	85.6	128.4

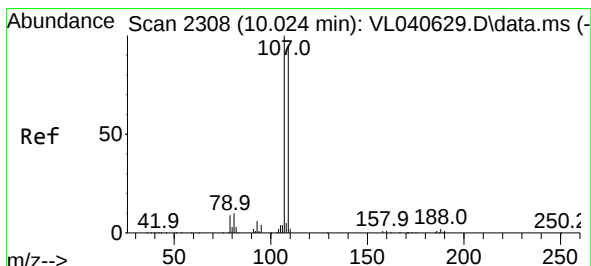
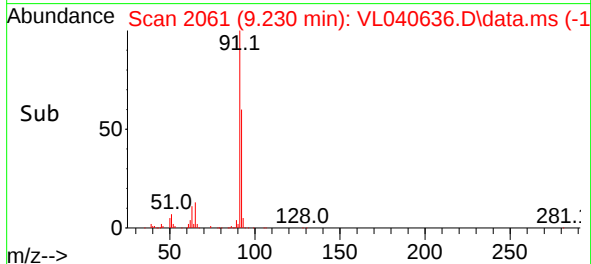
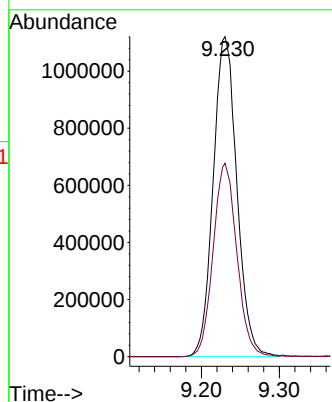
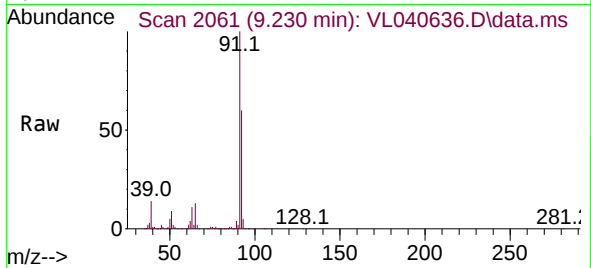




#53
Toluene
Concen: 10.025 ppbv
RT: 9.230 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

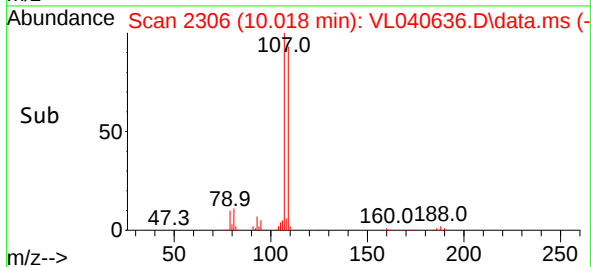
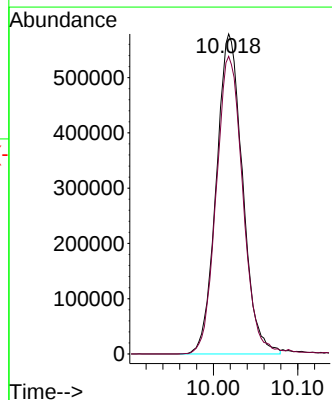
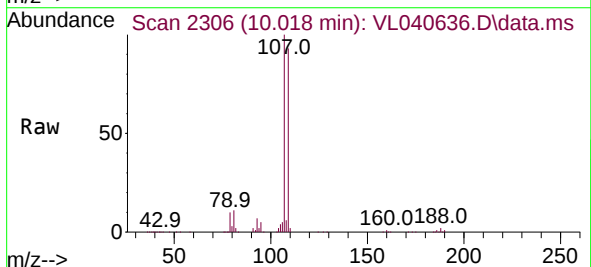
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

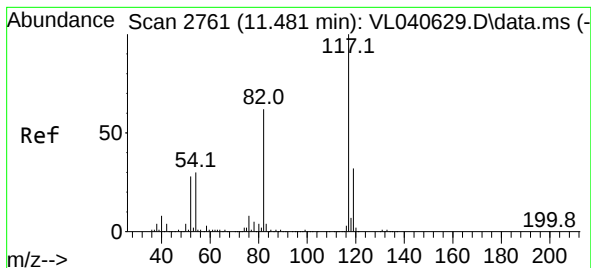
Tgt Ion: 91 Resp: 2367465
Ion Ratio Lower Upper
91 100
92 60.5 48.0 72.0



#54
1,2-Dibromoethane
Concen: 10.288 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 107 Resp: 1250940
Ion Ratio Lower Upper
107 100
109 92.9 75.7 113.5

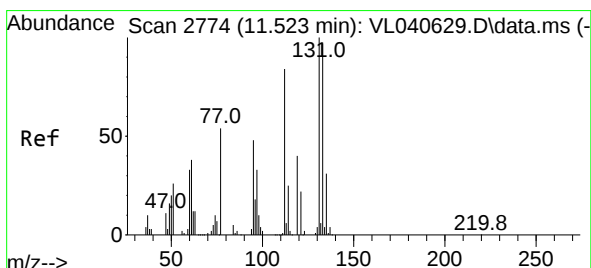
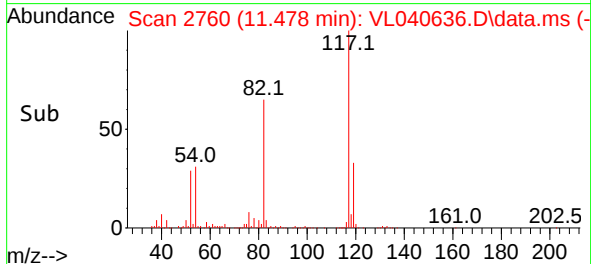
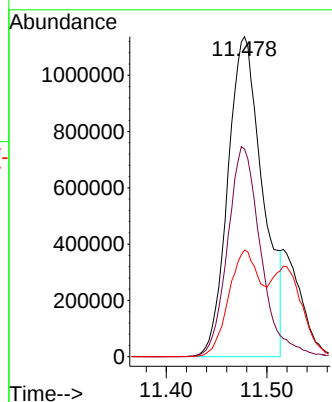
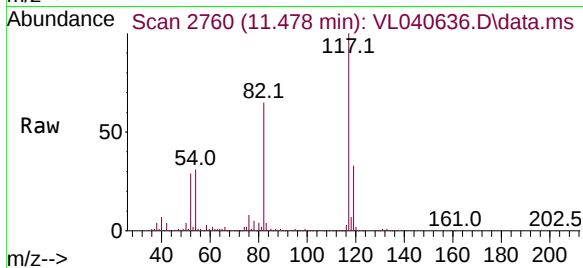




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

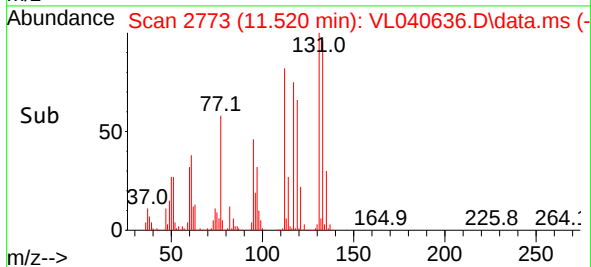
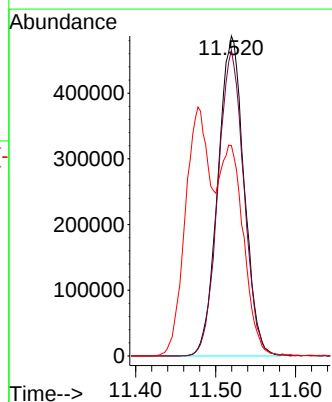
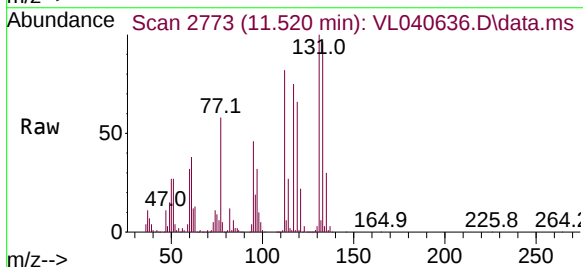
Instrument : MSVOA_L
ClientSampleId : ICVVL081523

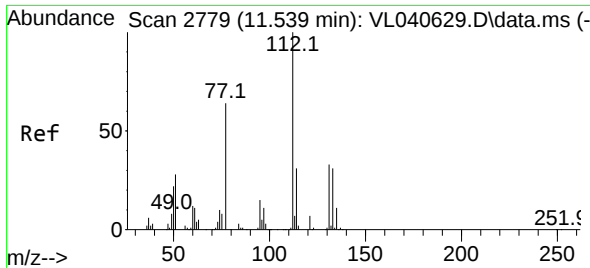
Tgt Ion:117 Resp: 2735948
Ion Ratio Lower Upper
117 100
82 62.8 49.5 74.3
119 29.4 24.5 36.7



#56
1,1,1,2-Tetrachloroethane
Concen: 8.741 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion:131 Resp: 1106536
Ion Ratio Lower Upper
131 100
133 94.8 75.4 113.0
119 55.9 51.0 76.6

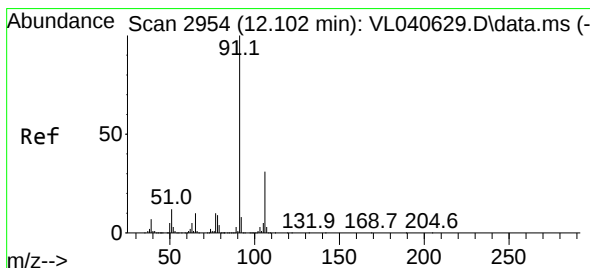
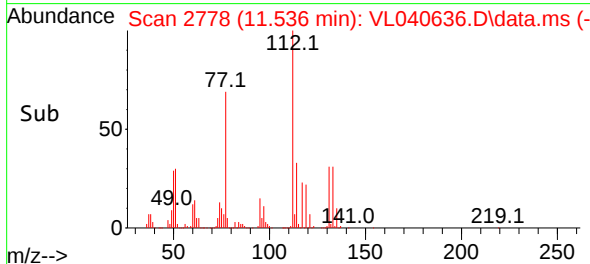
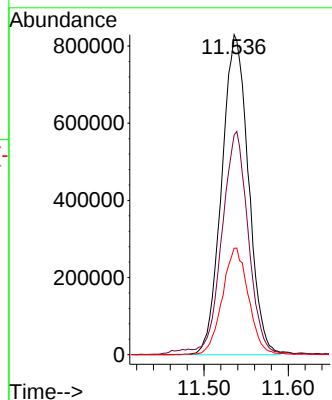
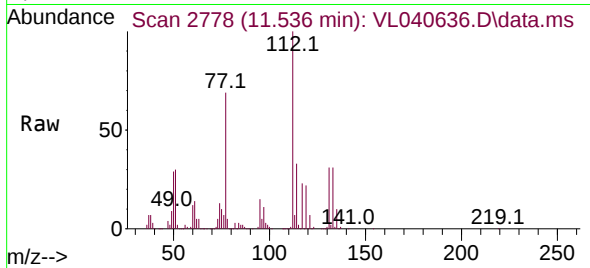




#57
Chlorobenzene
Concen: 8.635 ppbv
RT: 11.536 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

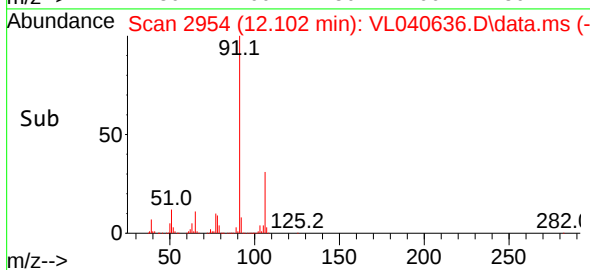
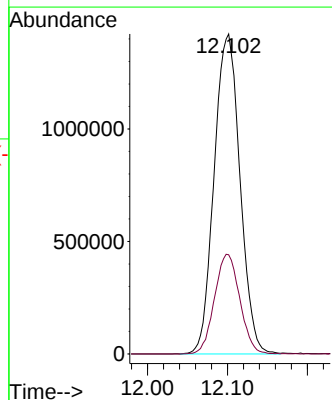
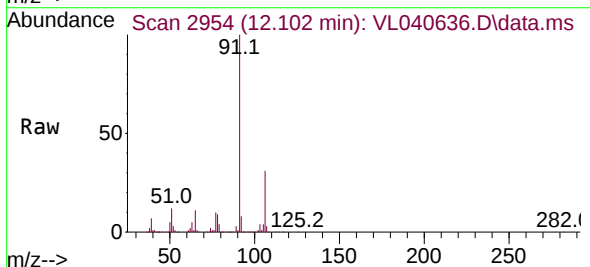
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

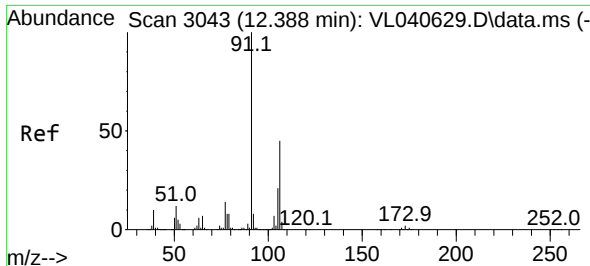
Tgt Ion:112 Resp: 1823361
Ion Ratio Lower Upper
112 100
77 68.1 52.5 78.7
114 33.2 27.8 34.0



#58
Ethyl Benzene
Concen: 9.666 ppbv
RT: 12.102 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 91 Resp: 3188944
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8





#59

m/p-Xylene

Concen: 9.153 ppbv

RT: 12.381 min Scan# 3043

Delta R.T. -0.006 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

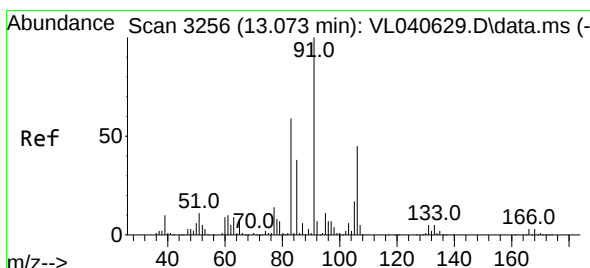
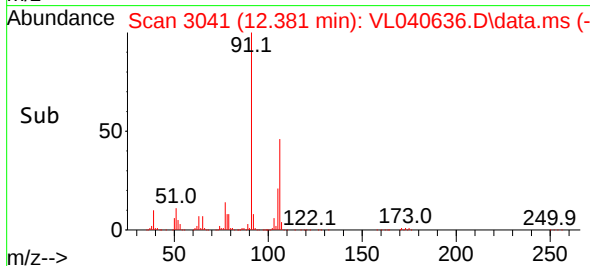
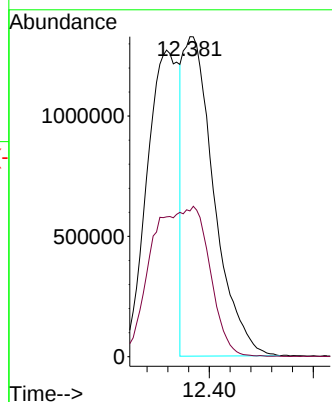
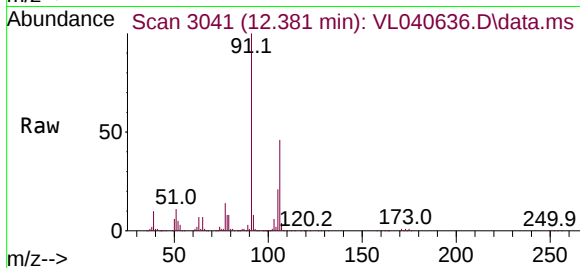
ICVVL081523

Tgt Ion: 91 Resp: 2754463

Ion Ratio Lower Upper

91 100

106 88.3 35.3 52.9#



#60

o-Xylene

Concen: 9.259 ppbv

RT: 13.069 min Scan# 3255

Delta R.T. -0.003 min

Lab File: VL040636.D

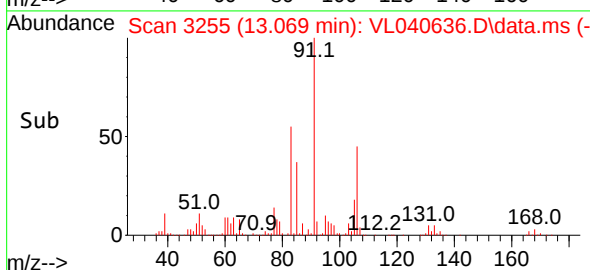
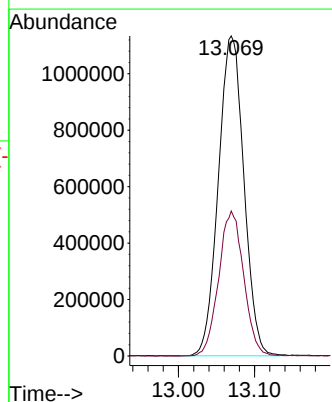
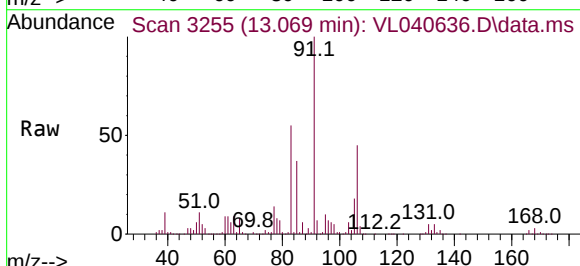
Acq: 15 Aug 2023 16:42

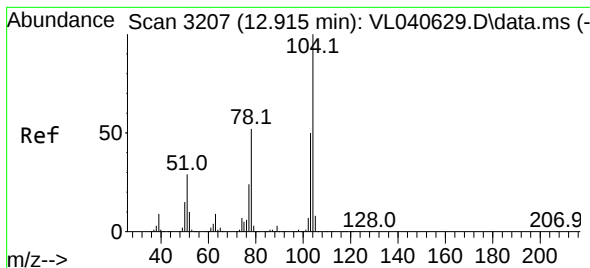
Tgt Ion: 91 Resp: 2640992

Ion Ratio Lower Upper

91 100

106 44.5 22.5 67.5





#61

Styrene

Concen: 10.776 ppbv

RT: 12.909 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081523

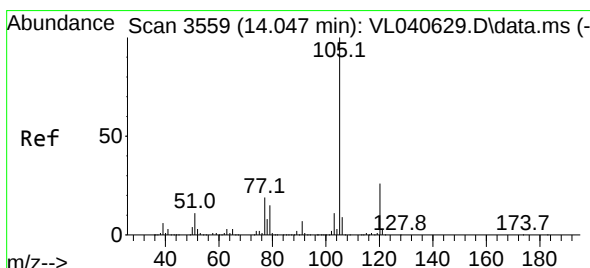
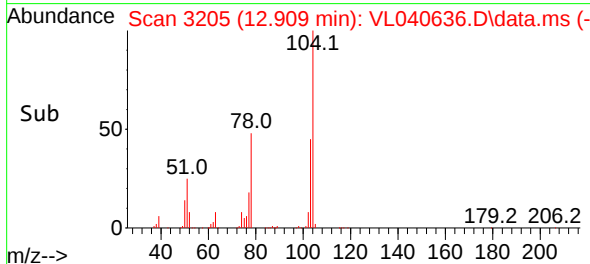
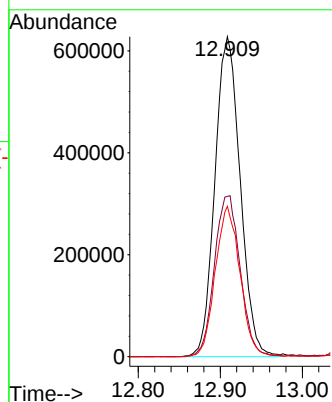
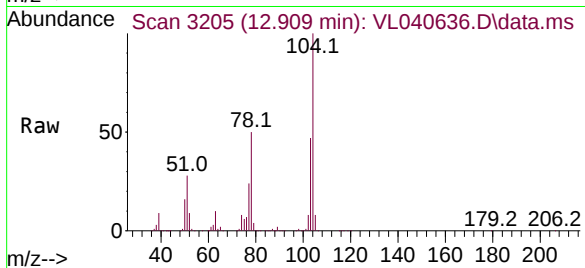
Tgt Ion:104 Resp: 1346807

Ion Ratio Lower Upper

104 100

78 51.5 41.0 61.4

103 46.0 37.3 55.9



#62

Isopropylbenzene

Concen: 8.899 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. -0.010 min

Lab File: VL040636.D

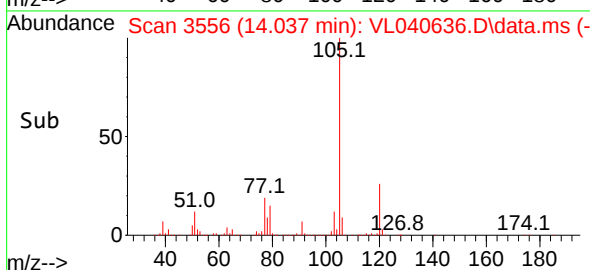
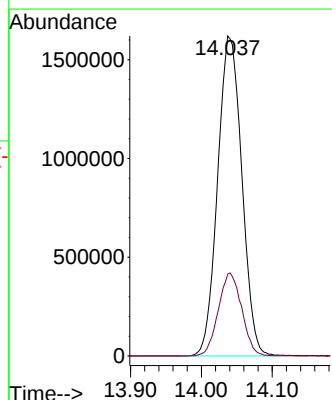
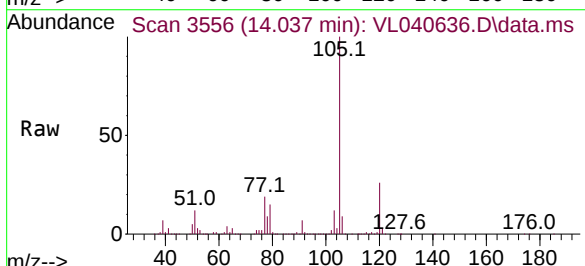
Acq: 15 Aug 2023 16:42

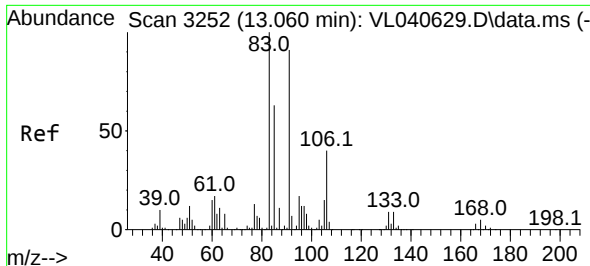
Tgt Ion:105 Resp: 3841753

Ion Ratio Lower Upper

105 100

120 25.1 20.3 30.5

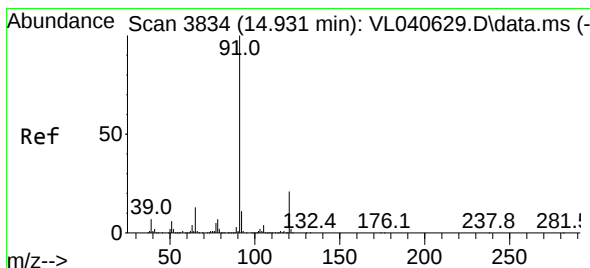
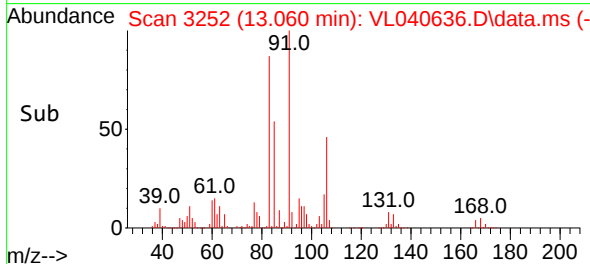
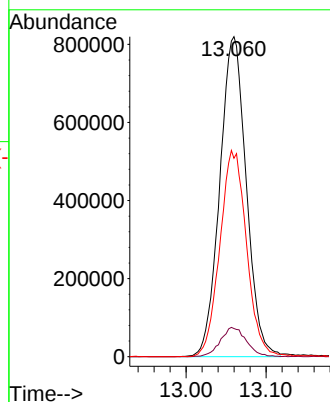
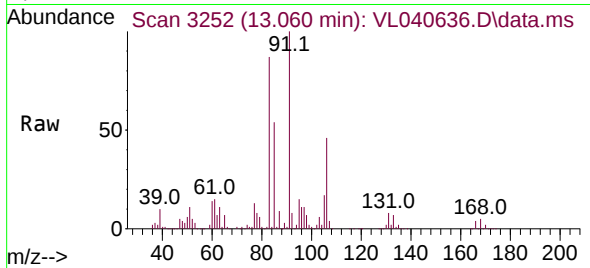




#63
1,1,2,2-Tetrachloroethane
Concen: 8.812 ppbv
RT: 13.060 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

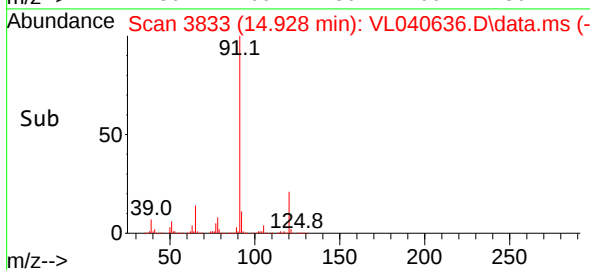
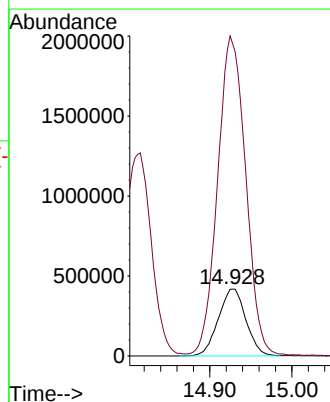
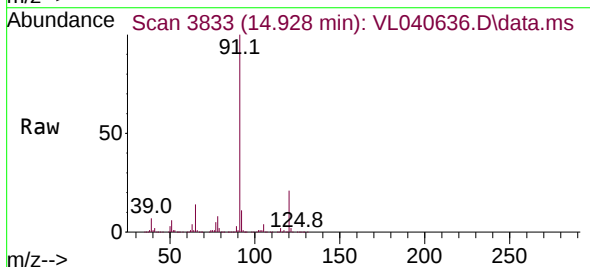
Instrument :
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ClientSampleId :
ICVVL081523

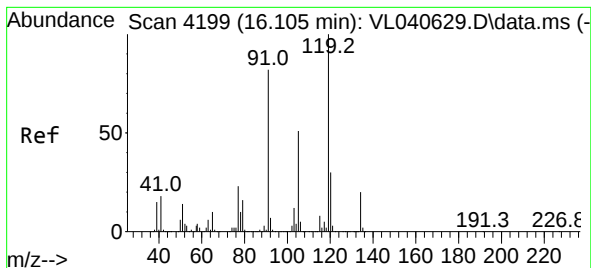
Tgt Ion: 83 Resp: 1882463
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 65.5 32.4 97.2



#64
n-propylbenzene
Concen: 8.994 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 120 Resp: 981315
Ion Ratio Lower Upper
120 100
91 488.4 387.8 581.8

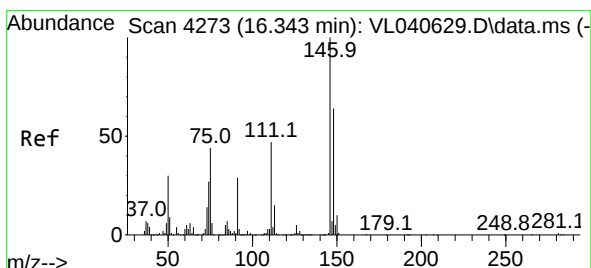
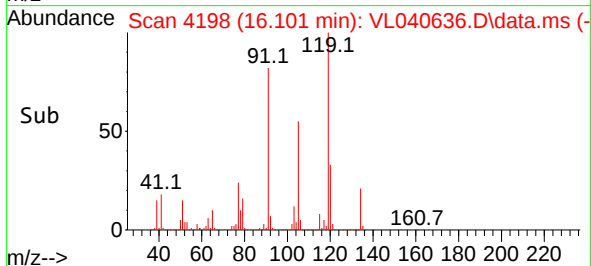
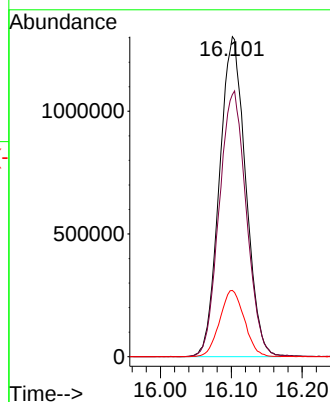
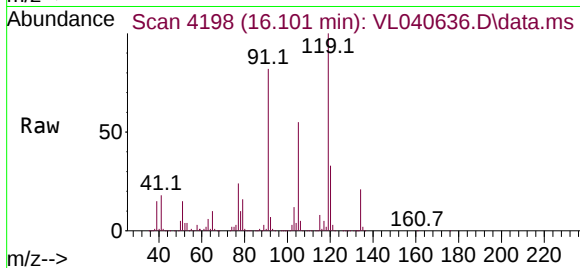




#65
tert-Butylbenzene
Concen: 8.962 ppbv
RT: 16.101 min Scan# 4199
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

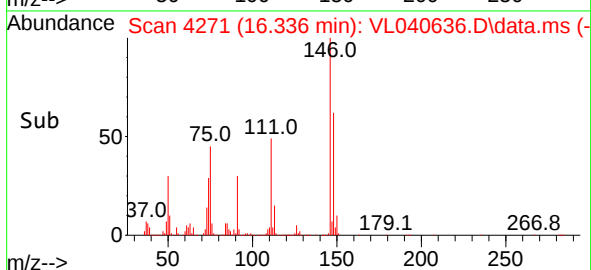
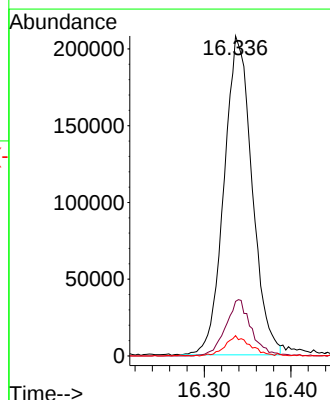
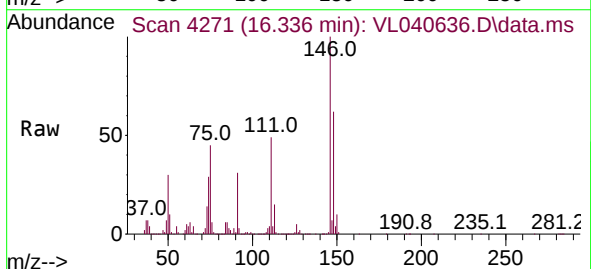
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

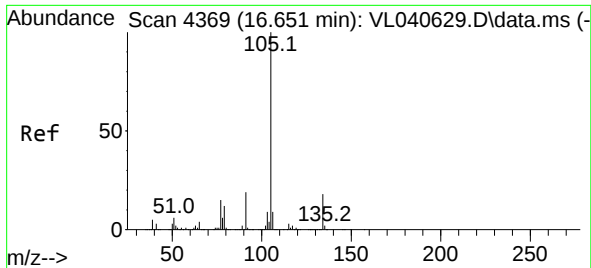
Tgt Ion:119 Resp: 3353075
Ion Ratio Lower Upper
119 100
91 85.8 67.8 101.6
134 19.5 15.7 23.5



#66
Benzyl Chloride
Concen: 9.926 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. -0.006 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 91 Resp: 467031
Ion Ratio Lower Upper
91 100
126 16.3 13.6 20.4
128 6.0 4.3 6.5

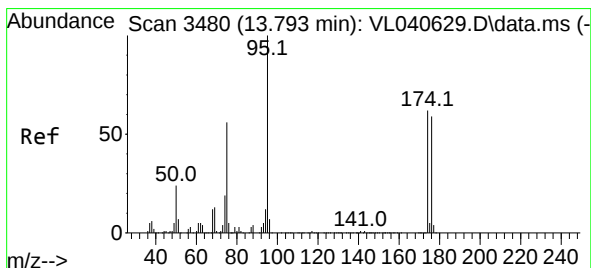
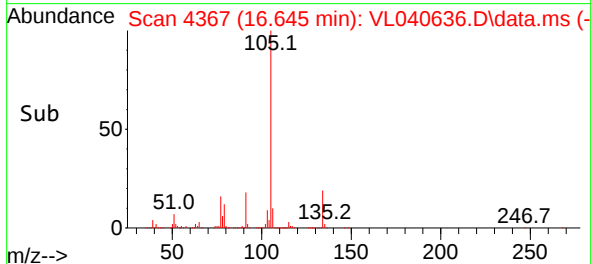
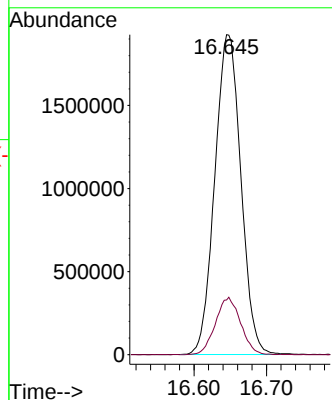
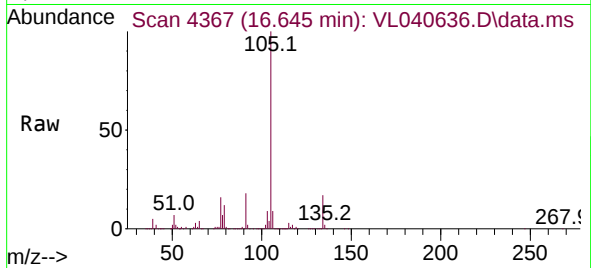




#67
 sec-Butylbenzene
 Concen: 8.818 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

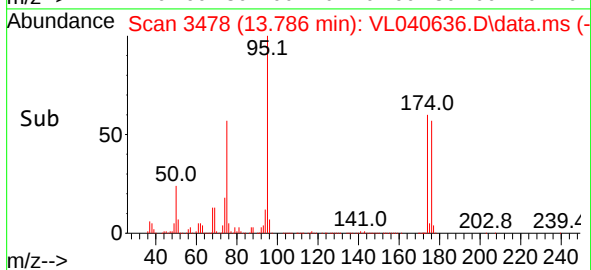
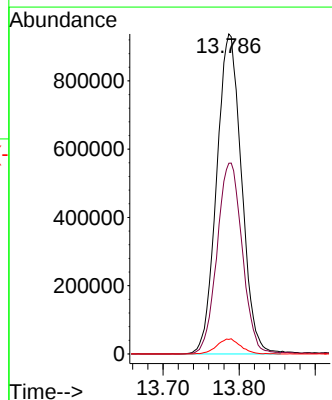
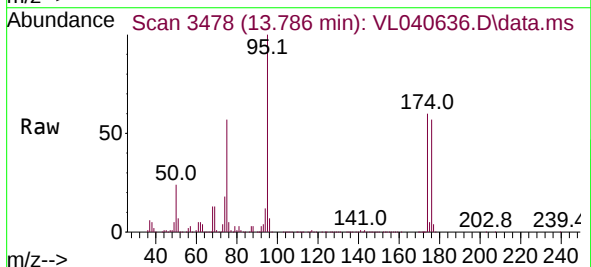
Instrument :
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 ClientSampleId :
 ICVVL081523

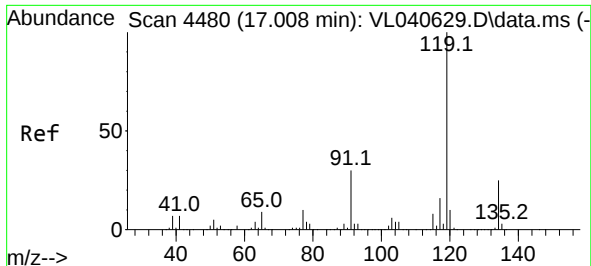
Tgt Ion:105 Resp: 4813491
 Ion Ratio Lower Upper
 105 100
 134 17.3 13.8 20.8



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.788 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. -0.006 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

Tgt Ion: 95 Resp: 2129838
 Ion Ratio Lower Upper
 95 100
 174 61.1 49.1 73.7
 175 4.5 3.7 5.5

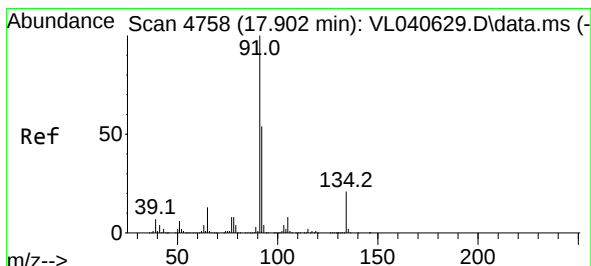
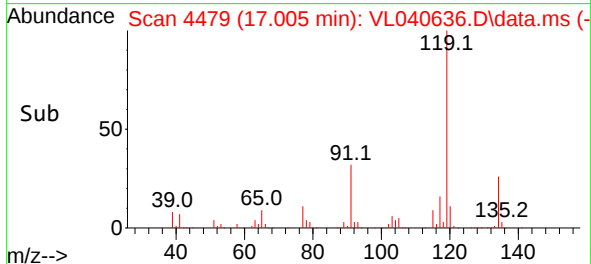
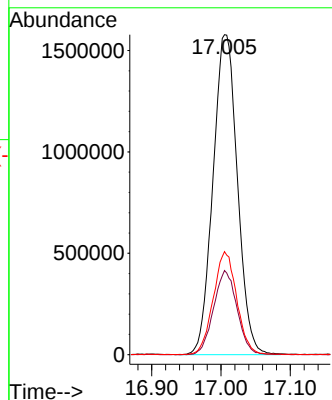
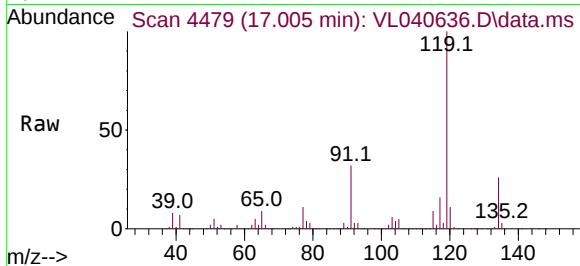




#69
p-Isopropyltoluene
Concen: 9.049 ppbv
RT: 17.005 min Scan# 4480
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

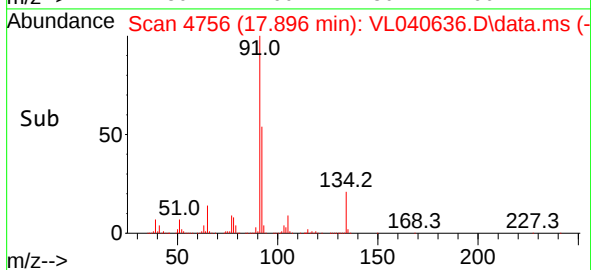
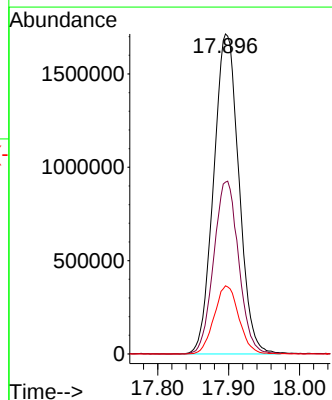
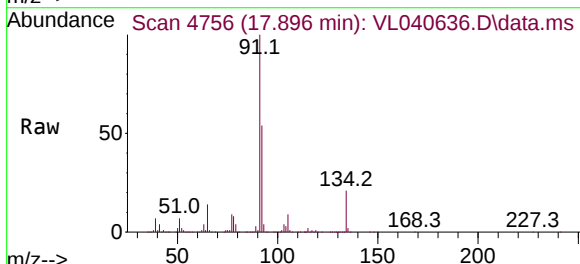
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

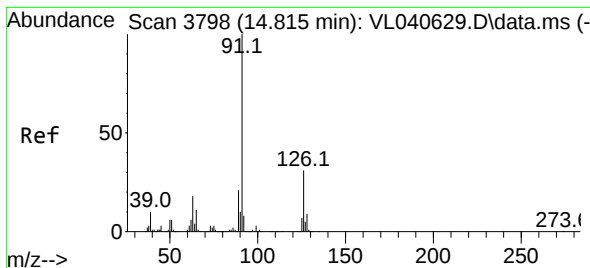
Tgt Ion:119 Resp: 3865005
Ion Ratio Lower Upper
119 100
134 25.2 20.2 30.4
91 31.1 24.2 36.4



#70
n-Butylbenzene
Concen: 9.097 ppbv
RT: 17.896 min Scan# 4756
Delta R.T. -0.006 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 91 Resp: 4242352
Ion Ratio Lower Upper
91 100
92 53.5 42.9 64.3
134 20.9 17.0 25.6

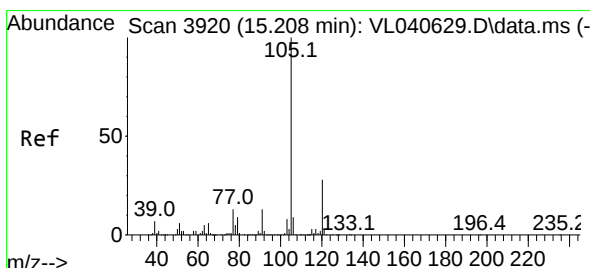
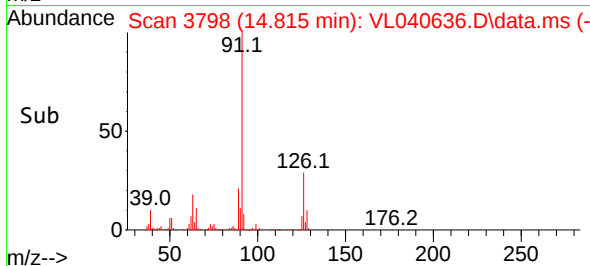
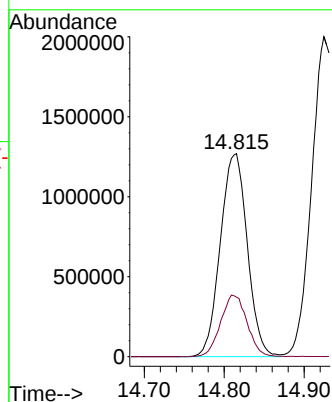
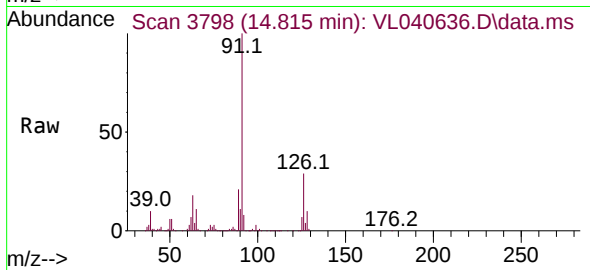




#71
2-Chlorotoluene
Concen: 9.276 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

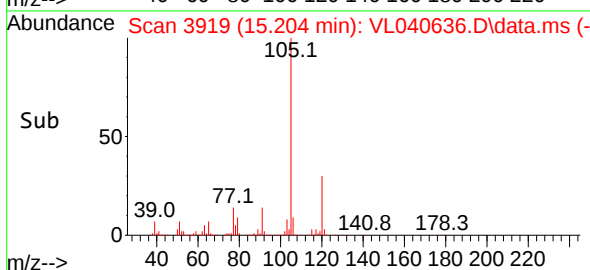
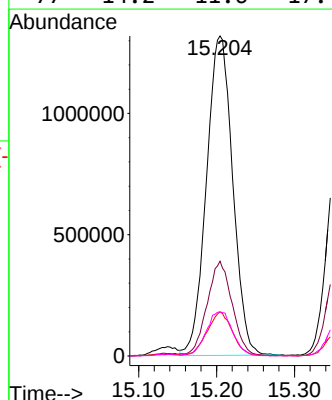
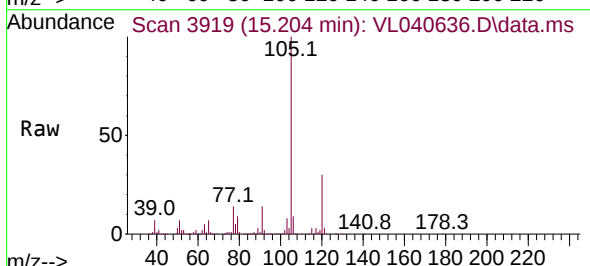
Instrument :
MSVOA_L
ClientSampleId :
ICVVL081523

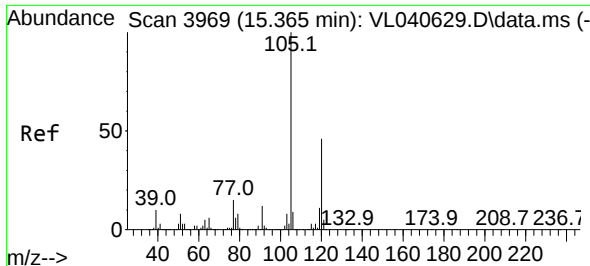
Tgt Ion: 91 Resp: 2971201
Ion Ratio Lower Upper
91 100
126 29.8 12.2 49.0



#72
4-Ethyltoluene
Concen: 9.563 ppbv
RT: 15.204 min Scan# 3919
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion: 105 Resp: 3079385
Ion Ratio Lower Upper
105 100
120 29.2 23.0 34.6
91 13.6 10.9 16.3
77 14.2 11.6 17.4

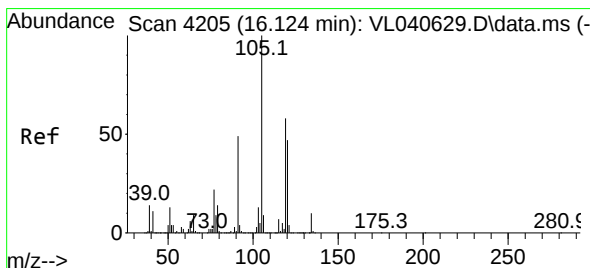
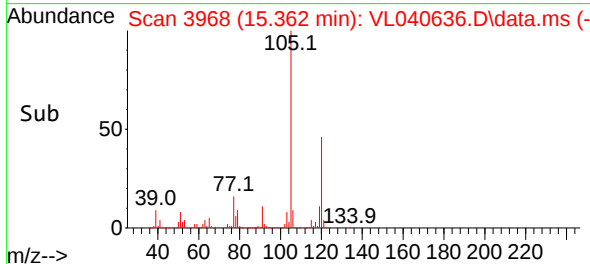
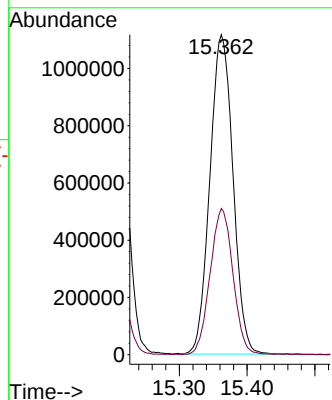
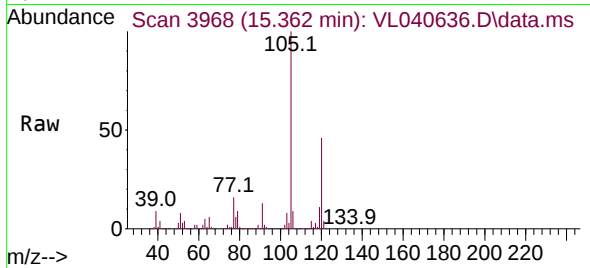




#73
 1,3,5-Trimethylbenzene
 Concen: 9.173 ppbv
 RT: 15.362 min Scan# 3969
 Delta R.T. -0.003 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

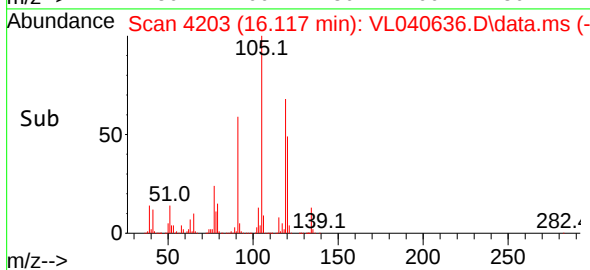
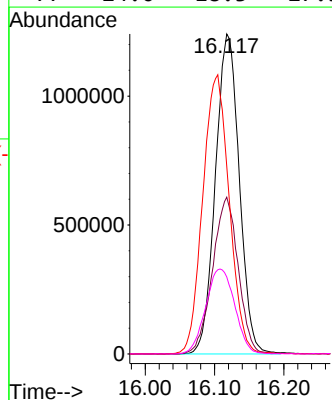
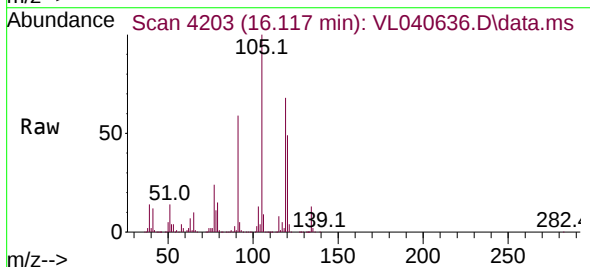
Instrument :
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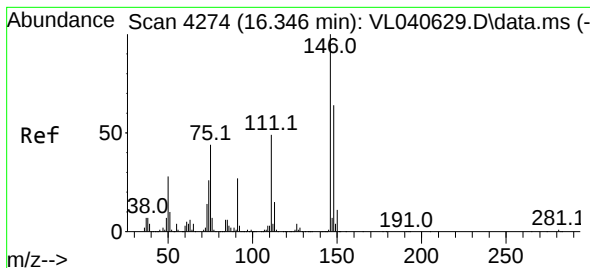
Tgt Ion:105 Resp: 2640418
 Ion Ratio Lower Upper
 105 100
 120 45.7 36.5 54.7



#74
 1,2,4-Trimethylbenzene
 Concen: 8.829 ppbv
 RT: 16.117 min Scan# 4203
 Delta R.T. -0.006 min
 Lab File: VL040636.D
 Acq: 15 Aug 2023 16:42

Tgt Ion:105 Resp: 2968086
 Ion Ratio Lower Upper
 105 100
 120 49.0 37.7 56.5
 91 58.4 41.2 61.8
 77 24.0 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 8.786 ppbv

RT: 16.339 min Scan# 4317

Delta R.T. -0.006 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081523

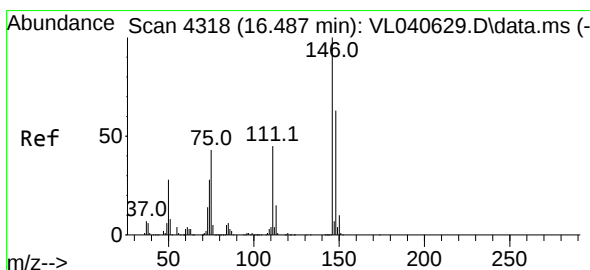
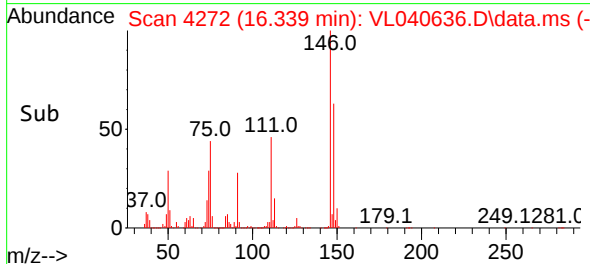
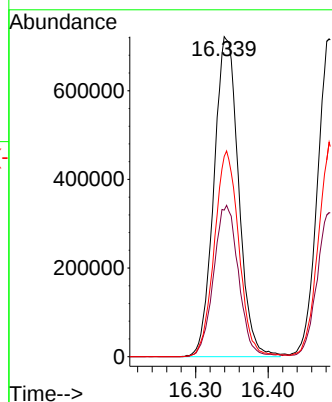
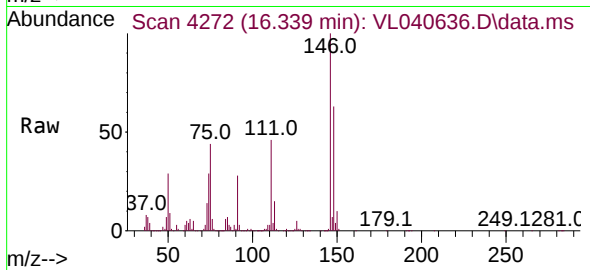
Tgt Ion:146 Resp: 1707663

Ion Ratio Lower Upper

146 100

111 47.8 23.7 71.1

148 63.9 31.7 95.1



#76

1,4-Dichlorobenzene

Concen: 8.712 ppbv

RT: 16.484 min Scan# 4317

Delta R.T. -0.003 min

Lab File: VL040636.D

Acq: 15 Aug 2023 16:42

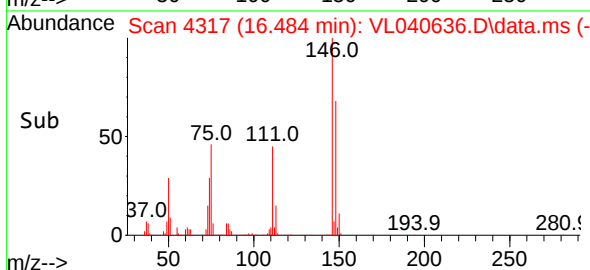
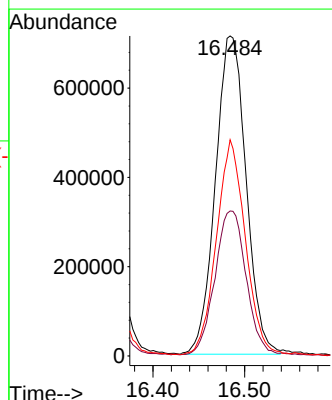
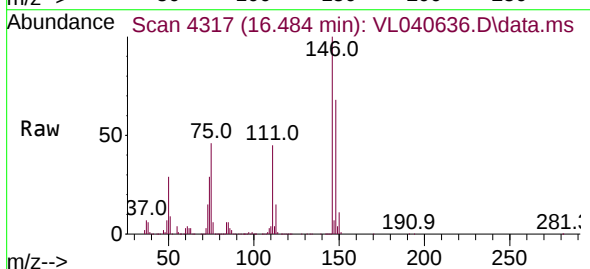
Tgt Ion:146 Resp: 1655374

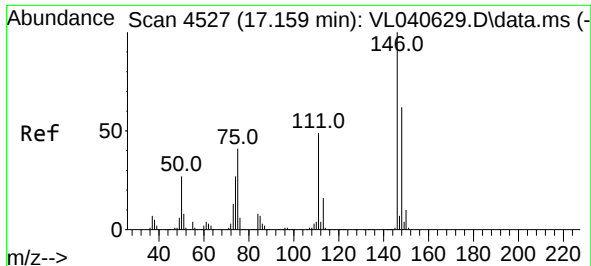
Ion Ratio Lower Upper

146 100

111 47.1 23.2 69.5

148 65.3 32.5 97.5

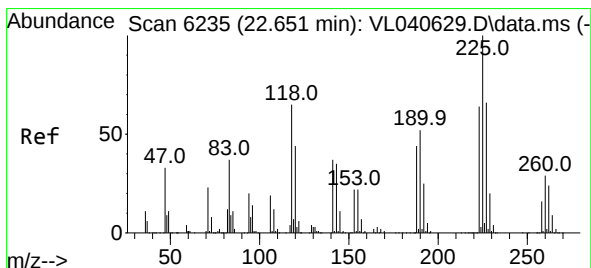
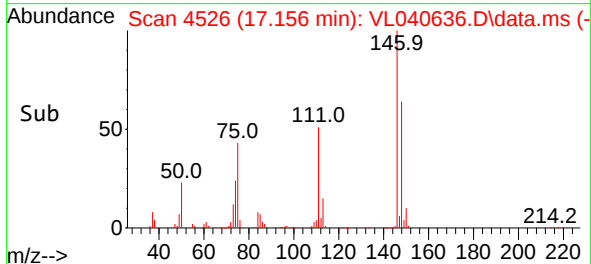
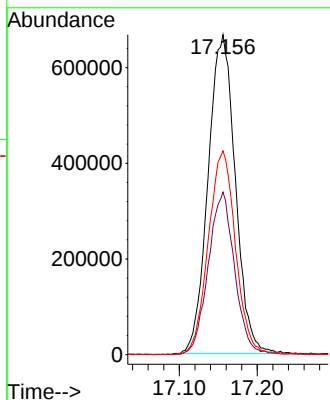
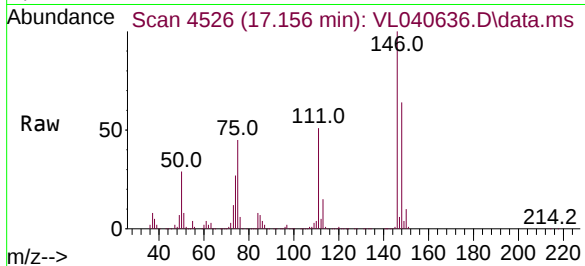




#77
1,2-Dichlorobenzene
Concen: 8.452 ppbv
RT: 17.156 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

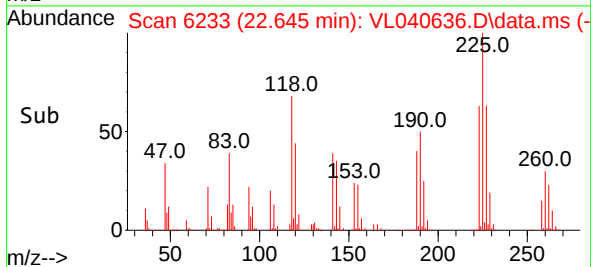
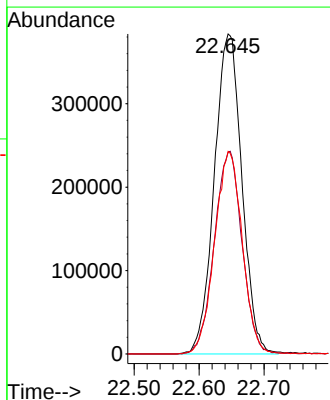
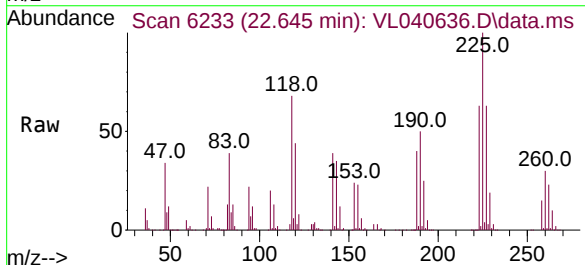
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ICVVL081523

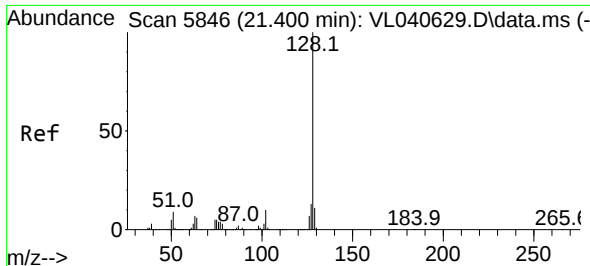
Tgt Ion:146 Resp: 1616227
Ion Ratio Lower Upper
146 100
111 49.6 24.6 74.0
148 64.4 32.1 96.5



#78
Hexachloro-1,3-Butadiene
Concen: 7.793 ppbv
RT: 22.645 min Scan# 6233
Delta R.T. -0.006 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion:225 Resp: 1130713
Ion Ratio Lower Upper
225 100
223 63.9 50.6 76.0
227 63.6 51.2 76.8

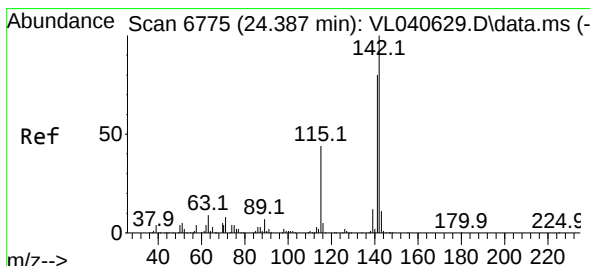
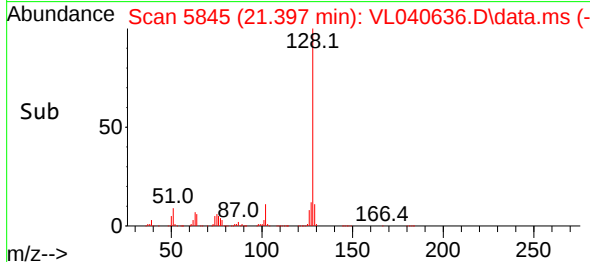
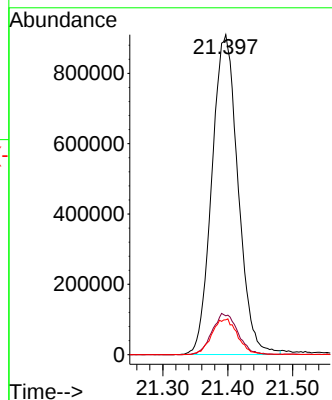
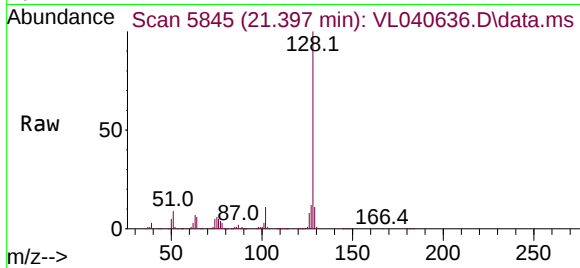




#79
Naphthalene
Concen: 11.437 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

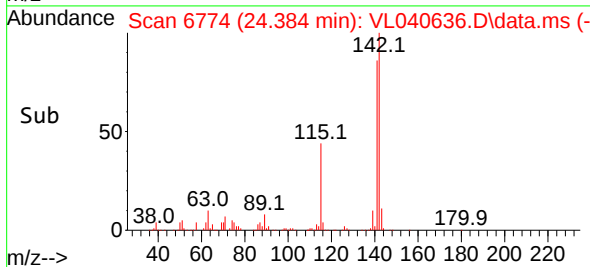
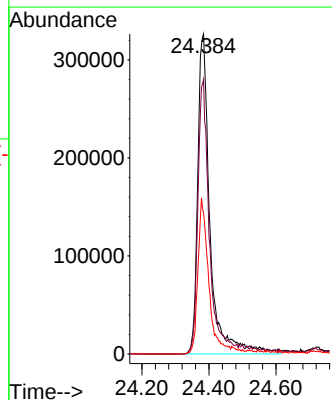
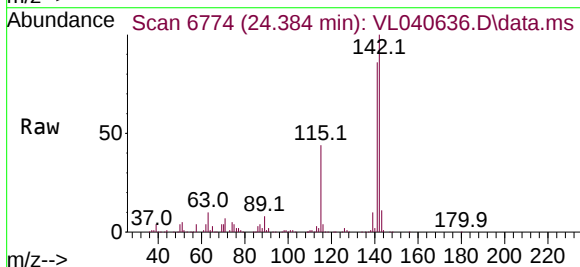
Instrument :
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ClientSampleId :
ICVVL081523

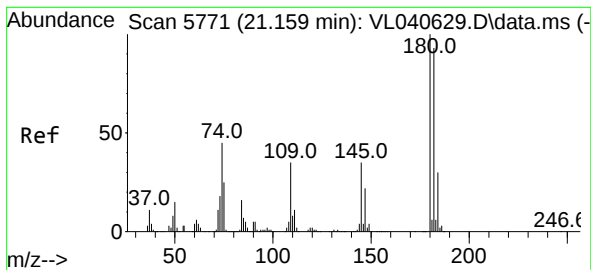
Tgt Ion:128 Resp: 2539220
Ion Ratio Lower Upper
128 100
127 12.1 10.1 15.1
129 10.9 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 13.162 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.003 min
Lab File: VL040636.D
Acq: 15 Aug 2023 16:42

Tgt Ion:142 Resp: 840867
Ion Ratio Lower Upper
142 100
141 80.1 64.6 96.8
115 43.5 33.7 50.5





#81

1,2,4-Trichlorobenzene

Concen: 9.386 ppbv

RT: 21.149 min Scan# 51

Delta R.T. -0.010 min

Lab File: VL040636.D

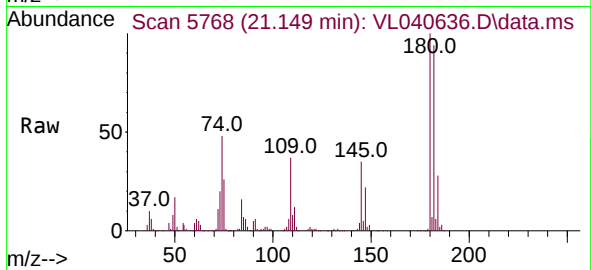
Acq: 15 Aug 2023 16:42

Instrument :

MSVOA_L

ClientSampleId :

ICVVL081523



Tgt Ion:180 Resp: 1371537

Ion Ratio Lower Upper

180 100

182 96.8 78.0 117.0

184 30.7 24.6 36.8

