

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091423\
 Data File : VL040682.D
 Acq On : 14 Sep 2023 13:08
 Operator : SY/MD
 Sample : VSTDIC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Quant Time: Sep 15 05:48:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Sep 14 19:50:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	993651	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2709395	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2310771	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	1928099	10.800	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	136482	0.623	ppbv	96
3) Chlorodifluoromethane	2.668	51	98323	0.607	ppbv	99
4) Chloromethane	2.806	50	35771	0.577	ppbv #	79
5) Vinyl Chloride	2.912	62	36000	0.492	ppbv	91
6) Bromomethane	3.115	94	21568	0.610	ppbv #	70
7) Chloroethane	3.186	64	14883	0.592	ppbv	89
8) Dichlorotetrafluoroethane	2.848	85	108288	0.599	ppbv	97
9) Propene	2.687	41	19289	0.414	ppbv #	78
10) Heptane	7.571	43	41962	0.399	ppbv #	84
11) Trichlorofluoromethane	3.552	101	117922	0.613	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.057	101	89029	0.647	ppbv	99
13) Ethanol	3.247	45	3071	0.222	ppbv #	49
14) Bromoethene	3.359	108	29756	0.515	ppbv #	84
15) Acetone	3.472	43	76833	0.586	ppbv	94
16) 1,3-Butadiene	2.973	39	28392	0.497	ppbv	88
17) tert-Butyl alcohol	3.890	59	62656	0.467	ppbv	97
18) 1,1-Dichloroethene	3.867	96	35993	0.588	ppbv	81
19) Isopropyl Alcohol	3.581	45	33111	0.419	ppbv #	81
20) Methylene Chloride	3.925	84	50550	0.717	ppbv	97
21) Allyl Chloride	3.986	41	42030	0.523	ppbv #	81
22) trans-1,2-Dichloroethene	4.439	96	34335	0.567	ppbv	84
23) Vinyl Acetate	4.623	43	62657	0.462	ppbv #	90
24) 1,1-Dichloroethane	4.555	63	74747	0.589	ppbv #	96
25) Ethyl Acetate	5.205	43	104843	0.496	ppbv	98
26) Hexane	5.205	57	45299	0.453	ppbv #	83
27) Carbon Disulfide	4.118	76	68770	0.493	ppbv #	77
28) Methyl tert-Butyl Ether	4.591	73	48290	0.562	ppbv	98
29) Chloroform	5.263	83	96475	0.559	ppbv	96
30) Cyclohexane	6.587	84	14778	0.196	ppbv #	1
31) cis-1,2-Dichloroethene	5.066	61	41319	0.446	ppbv	94
32) 1,1,1-Trichloroethane	5.992	97	96071	0.545	ppbv	97
34) 2-Butanone	4.793	43	63766	0.468	ppbv	99
35) Carbon Tetrachloride	6.484	117	96542	0.519	ppbv	90
36) Benzene	6.362	78	83907	0.418	ppbv	93
37) 1,2-Dichloroethane	5.796	62	66100	0.481	ppbv	98
38) Trichloroethene	7.285	130	21201	0.277	ppbv	85
39) 1,2-Dichloropropane	7.070	63	31911	0.413	ppbv #	83
40) 1,4-Dioxane	7.285	88	367	0.013	ppbv #	1
41) Tetrahydrofuran	5.565	42	7515	0.108	ppbv #	33
42) Bromodichloromethane	7.237	83	90658	0.484	ppbv	98
43) Methyl Methacrylate	7.468	69	16372	0.220	ppbv #	33
44) 2,2,4-Trimethylpentane	7.320	57	133201	0.417	ppbv #	86
45) t-1,3-Dichloropropene	8.690	75	4552	0.079	ppbv	95

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

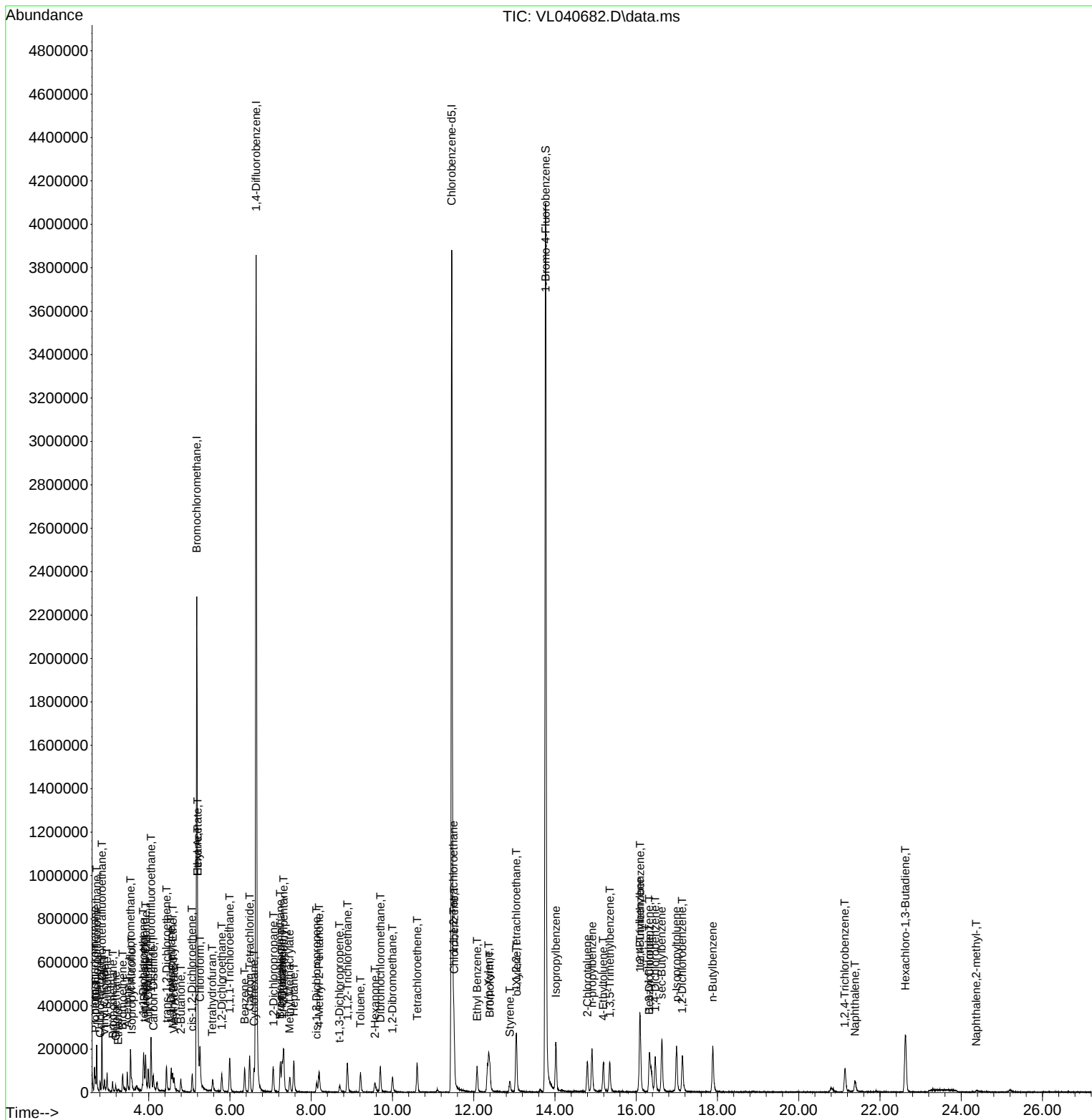
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 MSVOA_L
 ClientSampleId :
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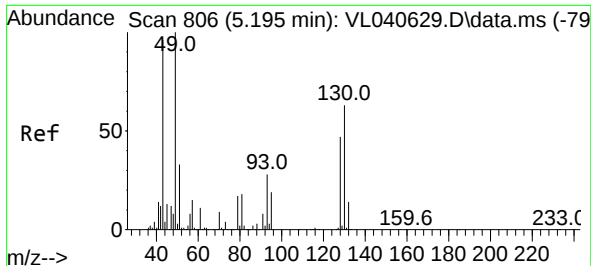
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Thu Sep 14 19:50:34 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.127	75	10237	0.145	ppbv	89
47) 1,1,2-Trichloroethane	8.893	97	40309	0.455	ppbv #	83
48) Dibromochloromethane	9.706	129	67828	0.464	ppbv	97
49) Bromoform	12.397	173	32878	0.274	ppbv #	46
50) 4-Methyl-2-Pentanone	8.192	43	36119	0.196	ppbv #	49
51) 2-Hexanone	9.568	43	21173	0.167	ppbv #	53
52) Tetrachloroethene	10.610	164	1331	0.020	ppbv #	12
53) Toluene	9.214	91	39714	0.187	ppbv #	48
54) 1,2-Dibromoethane	9.999	107	29072	0.257	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.503	131	26707	0.242	ppbv #	1
57) Chlorobenzene	11.516	112	56638	0.324	ppbv #	82
58) Ethyl Benzene	12.082	91	92184	0.350	ppbv	100
59) m/p-Xylene	12.365	91	98924	0.400	ppbv #	37
60) o-Xylene	13.056	91	60927	0.258	ppbv	68
61) Styrene	12.889	104	9756	0.099	ppbv #	1
62) Isopropylbenzene	14.021	105	89230	0.250	ppbv #	50
63) 1,1,2,2-Tetrachloroethane	13.047	83	101969	0.551	ppbv	98
64) n-propylbenzene	14.918	120	17319	0.194	ppbv #	1
65) tert-Butylbenzene	16.089	119	133112	0.416	ppbv	88
66) Benzyl Chloride	16.317	91	2348	0.063	ppbv #	53
67) sec-Butylbenzene	16.625	105	105331	0.230	ppbv #	66
69) p-Isopropyltoluene	16.992	119	146613	0.408	ppbv	94
70) n-Butylbenzene	17.886	91	156389	0.395	ppbv	96
71) 2-Chlorotoluene	14.796	91	103929	0.394	ppbv	98
72) 4-Ethyltoluene	15.185	105	56826	0.215	ppbv #	61
73) 1,3,5-Trimethylbenzene	15.349	105	63034	0.265	ppbv	89
74) 1,2,4-Trimethylbenzene	16.098	105	66801	0.230	ppbv	94
75) 1,3-Dichlorobenzene	16.320	146	50620	0.306	ppbv #	31
76) 1,4-Dichlorobenzene	16.468	146	47279	0.290	ppbv #	45
77) 1,2-Dichlorobenzene	17.133	146	42756	0.259	ppbv #	23
78) Hexachloro-1,3-Butadiene	22.625	225	19746	0.158	ppbv #	1
79) Naphthalene	21.384	128	33653	0.186	ppbv #	89
80) Naphthalene,2-methyl-	24.371	142	9707	0.219	ppbv #	65
81) 1,2,4-Trichlorobenzene	21.130	180	4593	0.039	ppbv #	11

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

Quant Time: Sep 15 05:48:10 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
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QLast Update : Thu Sep 14 19:50:34 2023
Response via : Initial Calibration

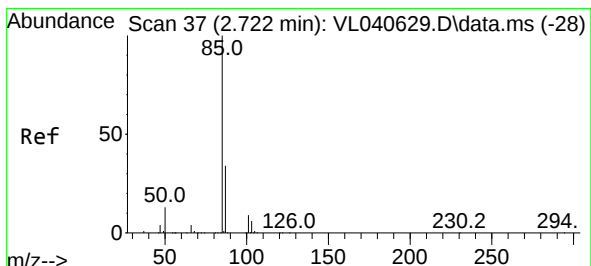
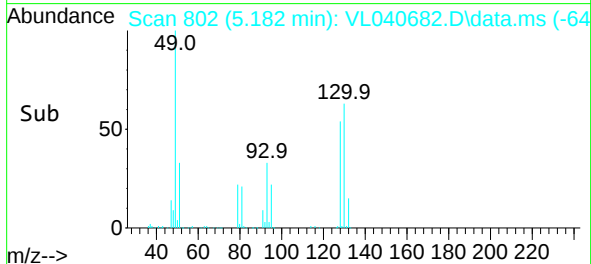
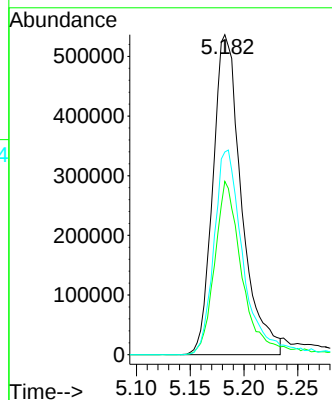
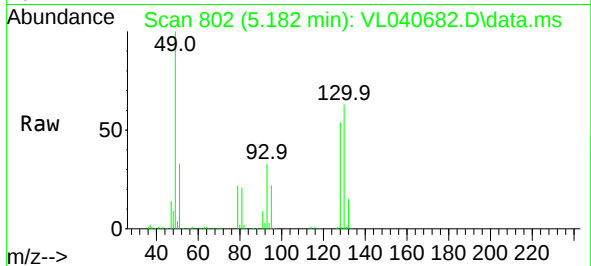




#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.182 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

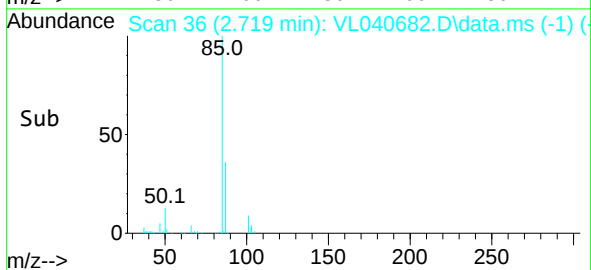
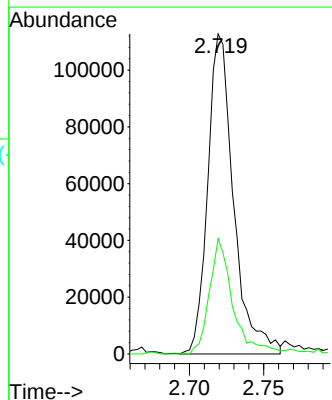
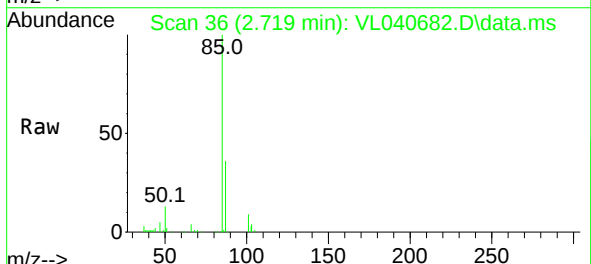
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

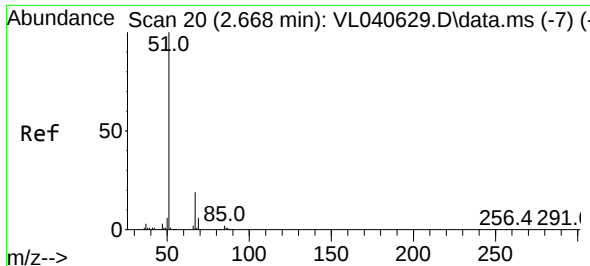
Tgt Ion: 49 Resp: 993651
 Ion Ratio Lower Upper
 49 100
 128 53.5 25.4 76.0
 130 67.2 32.3 96.8



#2
 Dichlorodifluoromethane
 Concen: 0.623 ppbv
 RT: 2.719 min Scan# 36
 Delta R.T. 0.000 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

Tgt Ion: 85 Resp: 136482
 Ion Ratio Lower Upper
 85 100
 87 36.1 27.2 40.8

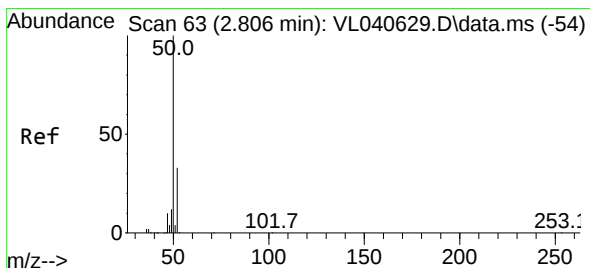
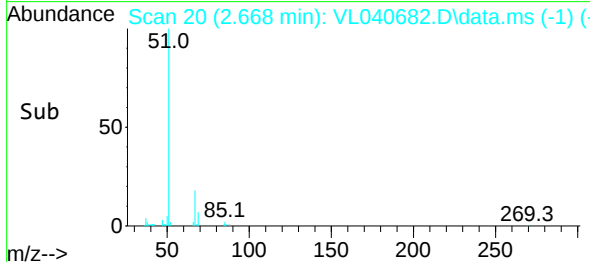
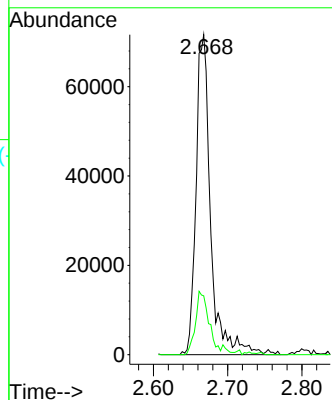
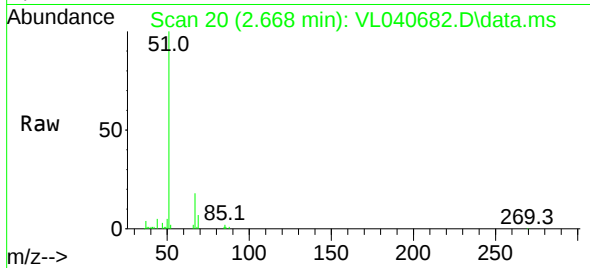




#3
Chlorodifluoromethane
Concen: 0.607 ppbv
RT: 2.668 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

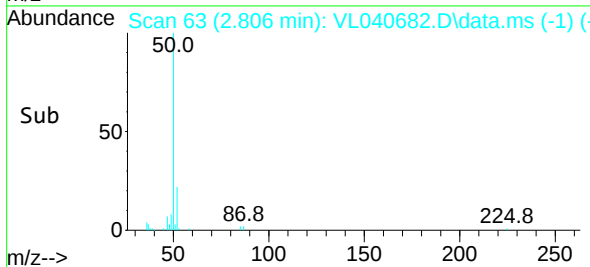
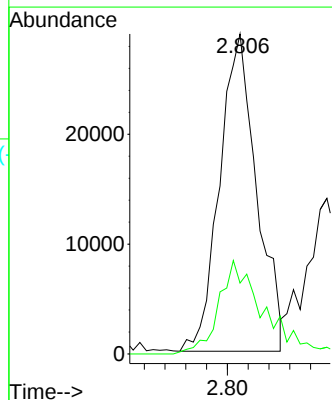
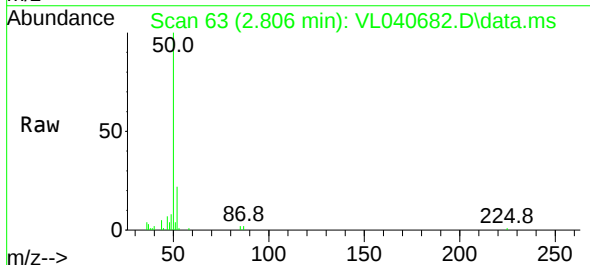
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

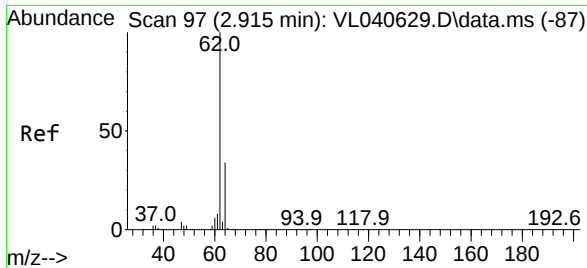
Tgt Ion: 51 Resp: 98323
Ion Ratio Lower Upper
51 100
67 20.3 16.7 25.1



#4
Chloromethane
Concen: 0.577 ppbv
RT: 2.806 min Scan# 63
Delta R.T. 0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 50 Resp: 35771
Ion Ratio Lower Upper
50 100
52 21.7 27.1 40.7#

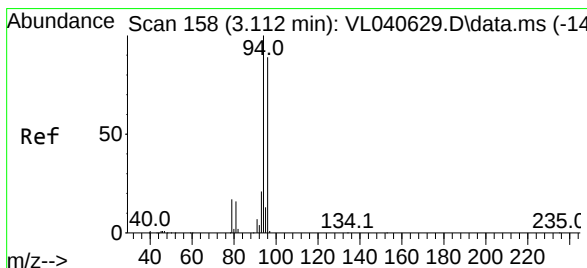
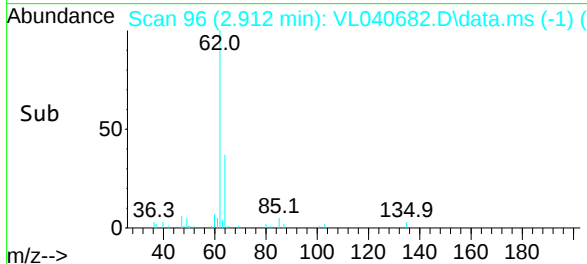
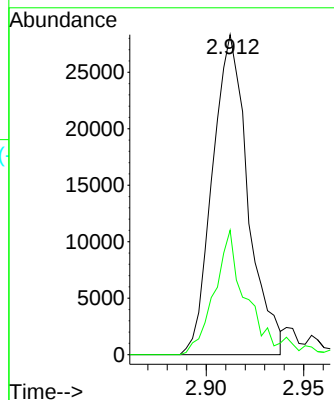
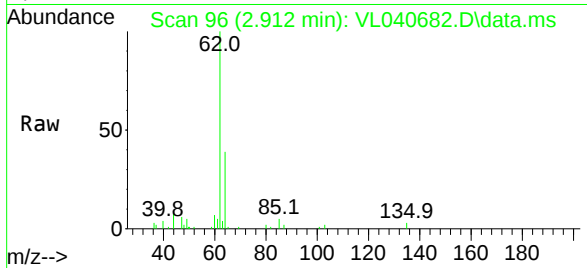




#5
 Vinyl Chloride
 Concen: 0.492 ppbv
 RT: 2.912 min Scan# 96
 Delta R.T. 0.003 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

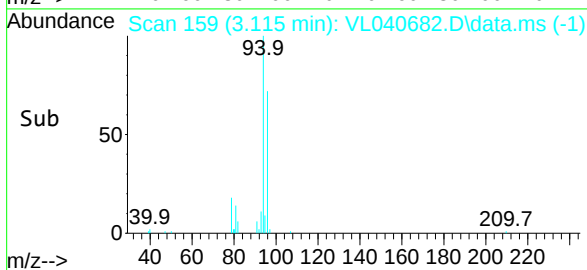
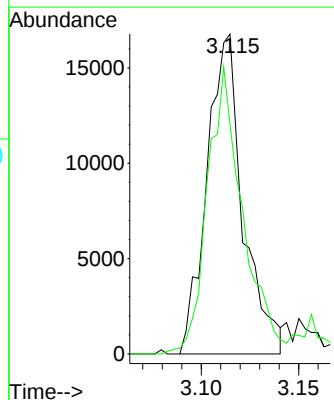
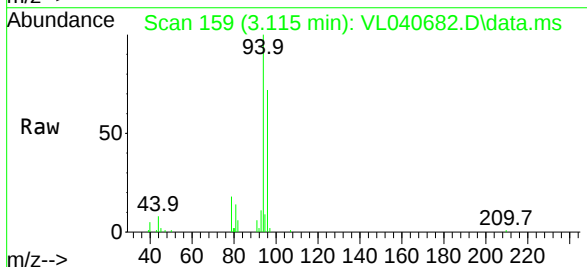
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

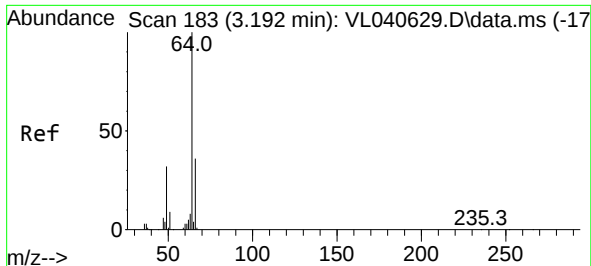
Tgt Ion: 62 Resp: 36000
 Ion Ratio Lower Upper
 62 100
 64 38.9 27.2 40.8



#6
 Bromomethane
 Concen: 0.610 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. 0.006 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

Tgt Ion: 94 Resp: 21568
 Ion Ratio Lower Upper
 94 100
 96 64.4 74.4 111.6#

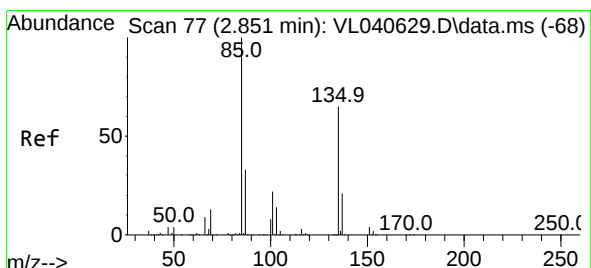
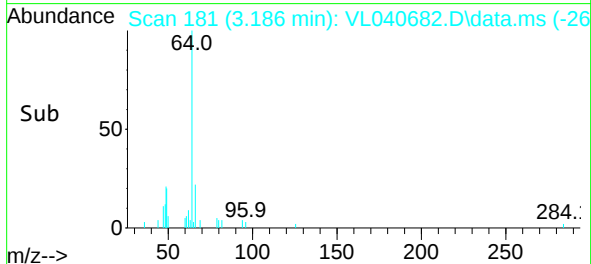
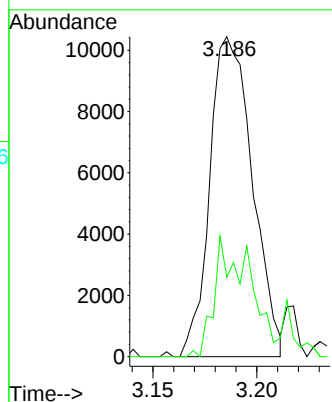
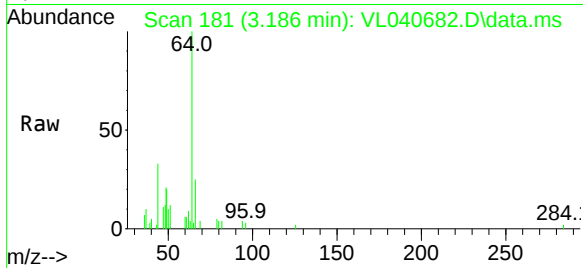




#7
Chloroethane
Concen: 0.592 ppbv
RT: 3.186 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

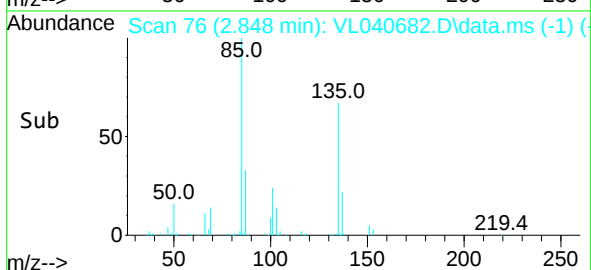
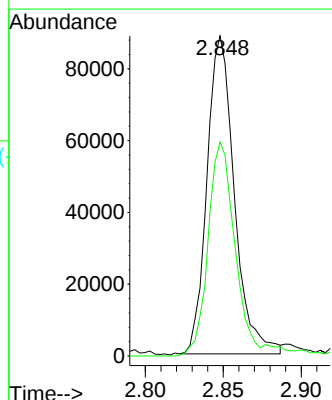
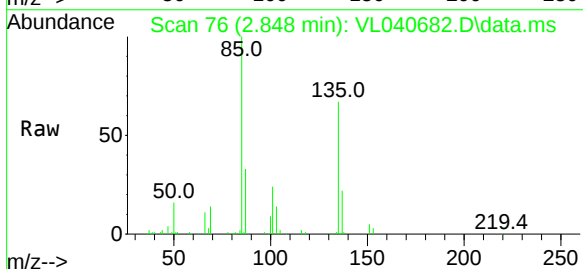
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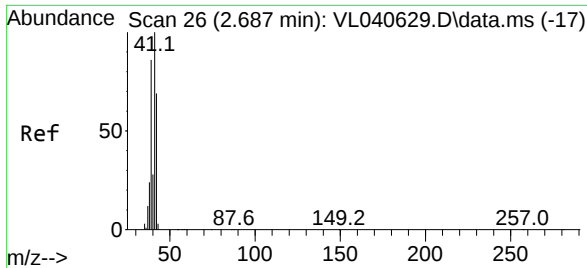
Tgt Ion: 64 Resp: 14883
Ion Ratio Lower Upper
64 100
66 24.8 24.5 36.7



#8
Dichlorotetrafluoroethane
Concen: 0.599 ppbv
RT: 2.848 min Scan# 76
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 85 Resp: 108288
Ion Ratio Lower Upper
85 100
135 69.1 53.4 80.2

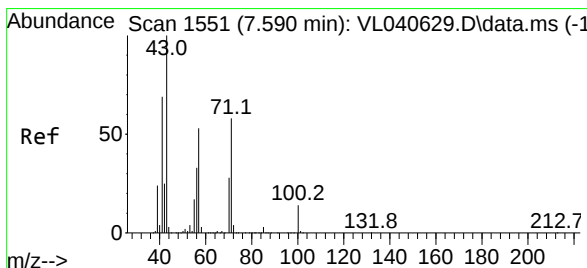
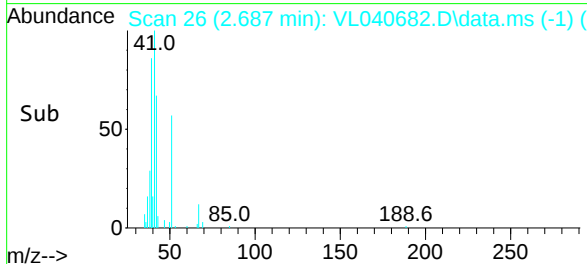
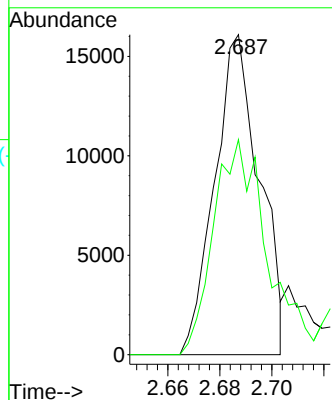
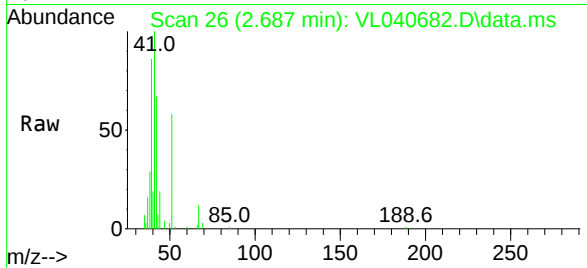




#9
 Propene
 Concen: 0.414 ppbv
 RT: 2.687 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

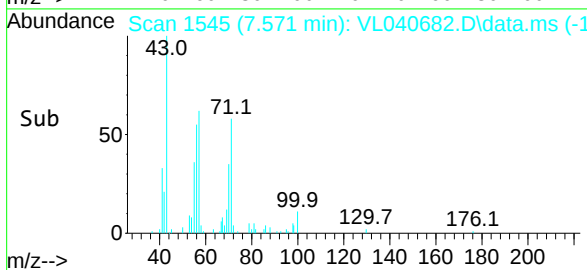
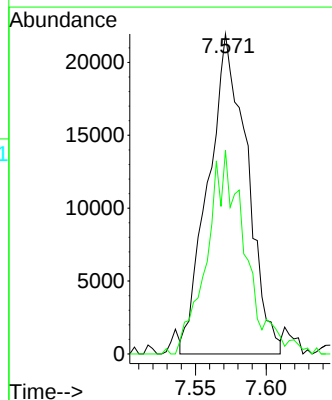
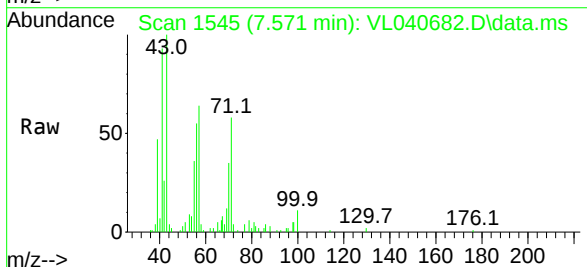
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

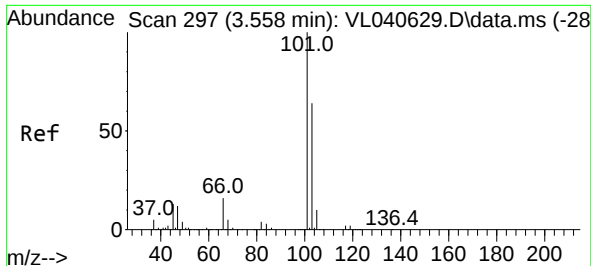
Tgt Ion: 41 Resp: 19289
 Ion Ratio Lower Upper
 41 100
 42 89.1 56.7 85.1#



#10
 Heptane
 Concen: 0.399 ppbv
 RT: 7.571 min Scan# 1545
 Delta R.T. -0.003 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

Tgt Ion: 43 Resp: 41962
 Ion Ratio Lower Upper
 43 100
 57 63.4 41.8 62.6#

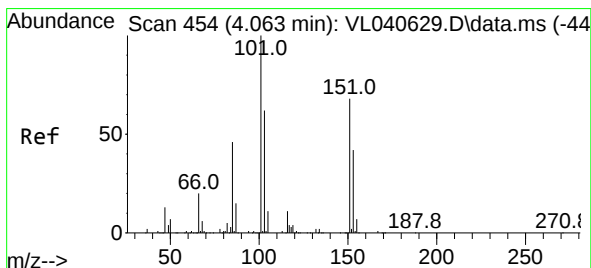
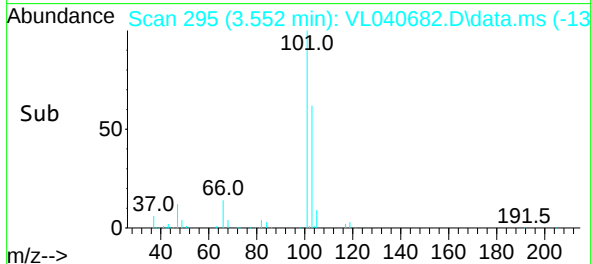
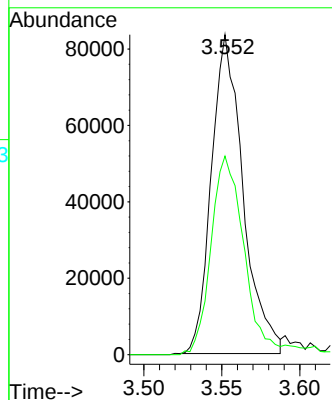
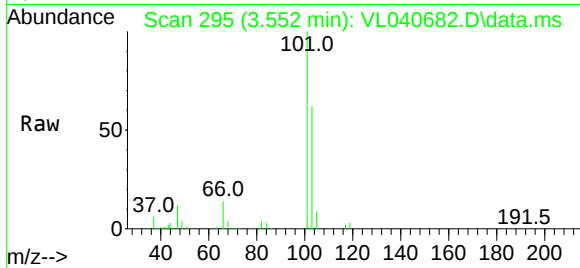




#11
 Trichlorofluoromethane
 Concen: 0.613 ppbv
 RT: 3.552 min Scan# 297
 Delta R.T. 0.000 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

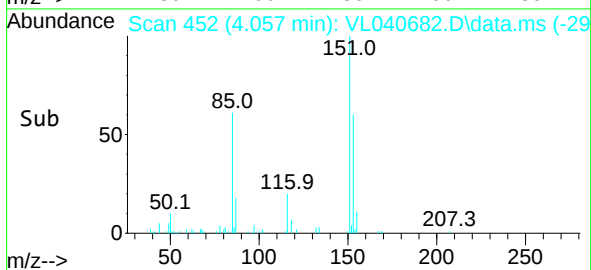
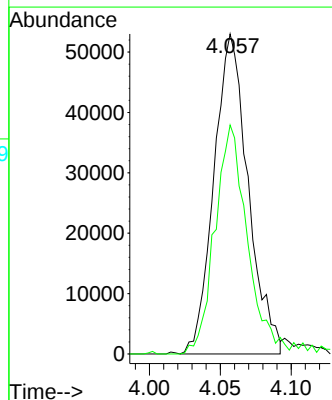
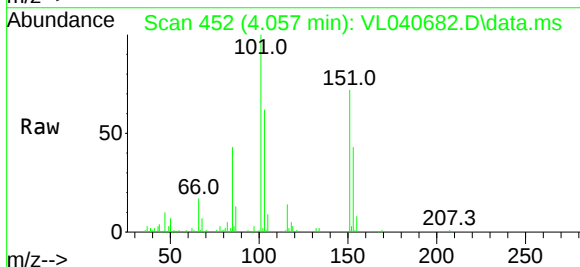
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

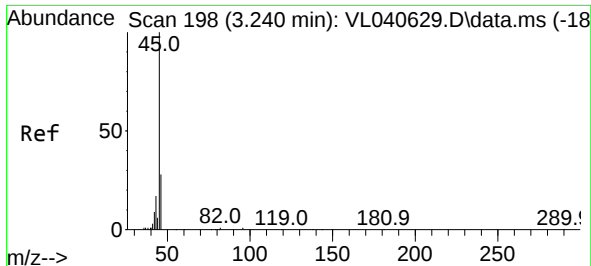
Tgt Ion:101 Resp: 117922
 Ion Ratio Lower Upper
 101 100
 103 62.3 51.3 76.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.647 ppbv
 RT: 4.057 min Scan# 452
 Delta R.T. 0.000 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

Tgt Ion:101 Resp: 89029
 Ion Ratio Lower Upper
 101 100
 151 70.4 56.8 85.2

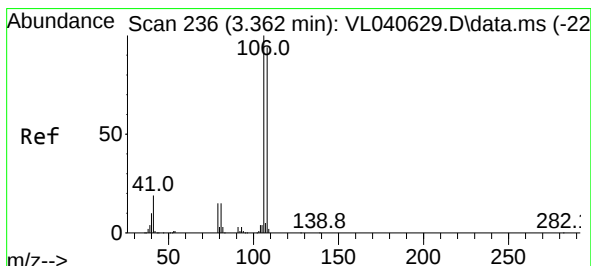
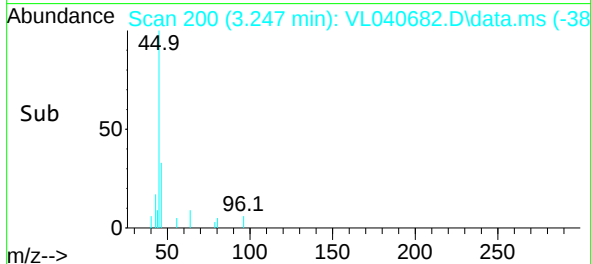
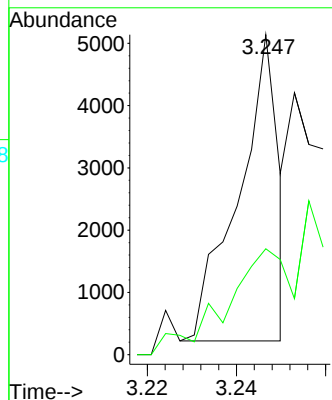
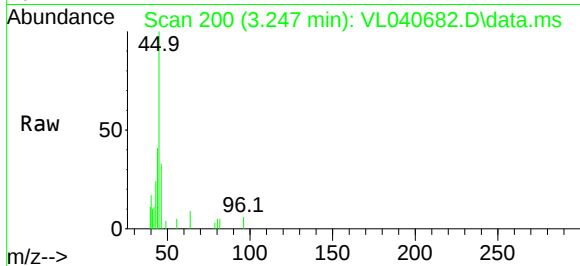




#13
Ethanol
Concen: 0.222 ppbv
RT: 3.247 min Scan# 200
Delta R.T. 0.019 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

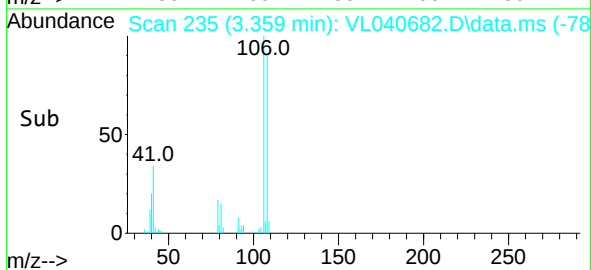
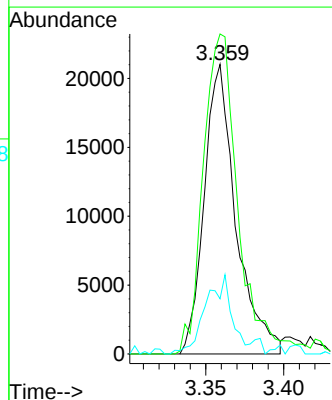
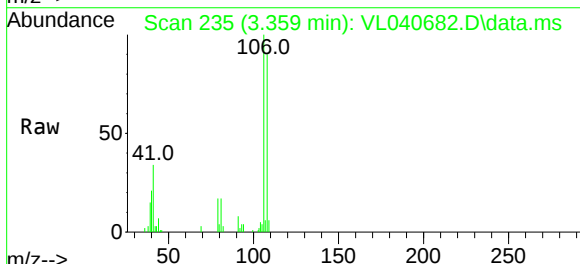
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

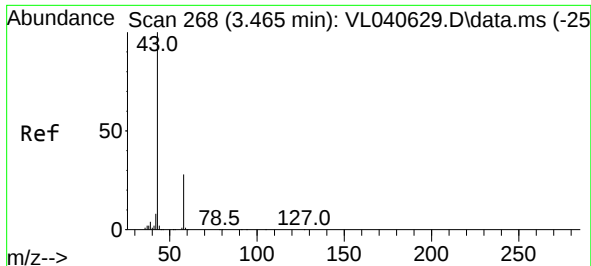
Tgt Ion: 45 Resp: 3071
Ion Ratio Lower Upper
45 100
46 7.3 15.2 61.0#



#14
Bromoethene
Concen: 0.515 ppbv
RT: 3.359 min Scan# 235
Delta R.T. 0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion:108 Resp: 29756
Ion Ratio Lower Upper
108 100
106 124.4 86.0 129.0
79 26.8 15.6 23.4#

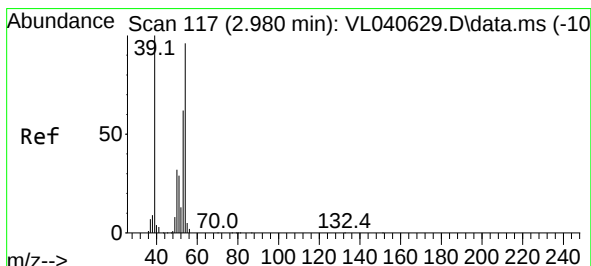
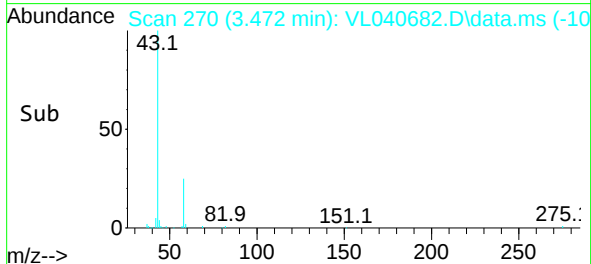
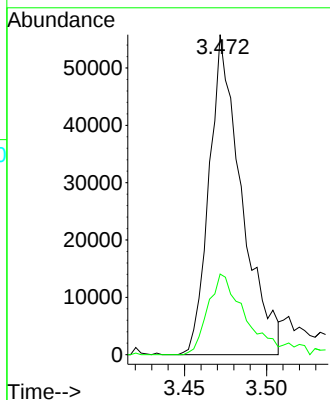
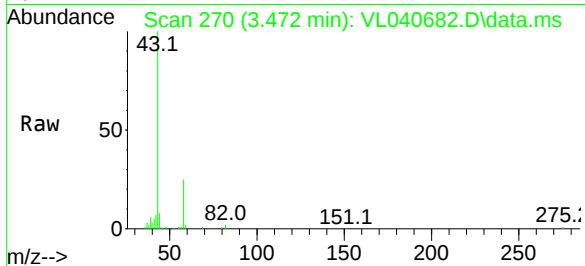




#15
Acetone
Concen: 0.586 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.016 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

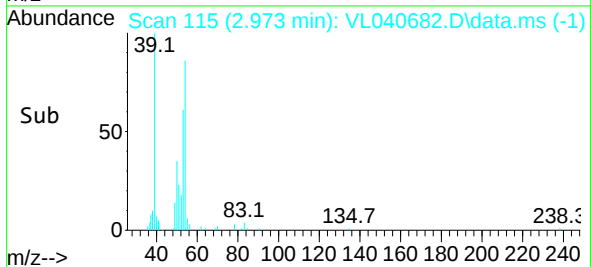
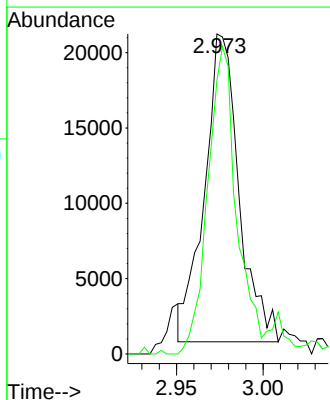
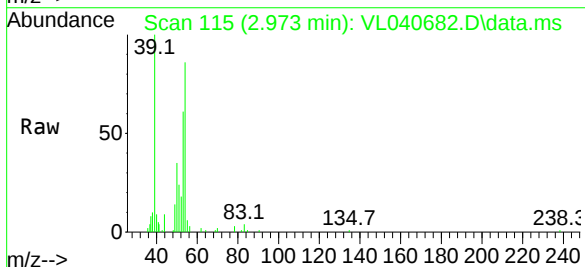
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

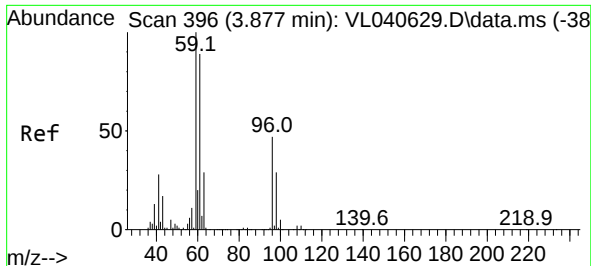
Tgt Ion: 43 Resp: 76833
Ion Ratio Lower Upper
43 100
58 31.6 22.6 34.0



#16
1,3-Butadiene
Concen: 0.497 ppbv
RT: 2.973 min Scan# 115
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 39 Resp: 28392
Ion Ratio Lower Upper
39 100
54 91.8 64.8 97.2





#17

tert-Butyl alcohol

Concen: 0.467 ppbv

RT: 3.890 min Scan# 40

Delta R.T. 0.023 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

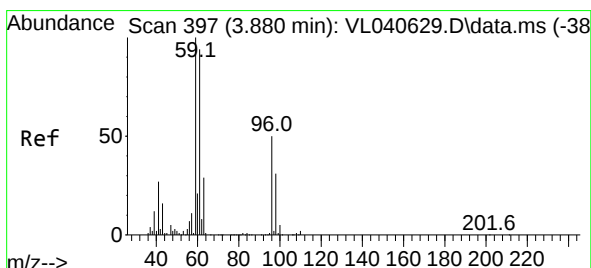
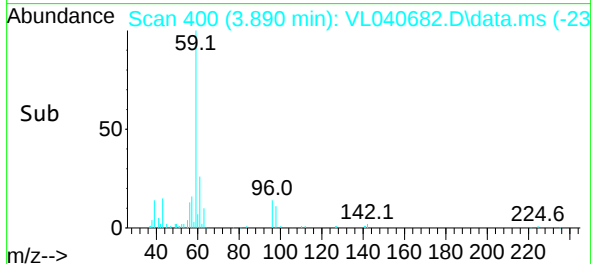
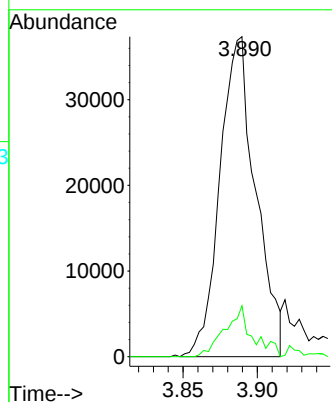
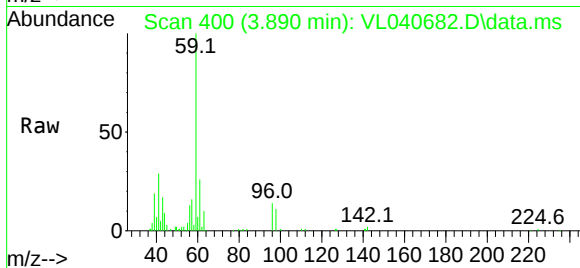
VSTDICC0.5

Tgt Ion: 59 Resp: 62656

Ion Ratio Lower Upper

59 100

57 12.2 8.7 13.1



#18

1,1-Dichloroethene

Concen: 0.588 ppbv

RT: 3.867 min Scan# 393

Delta R.T. -0.003 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

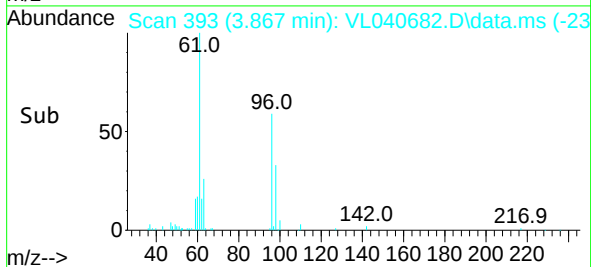
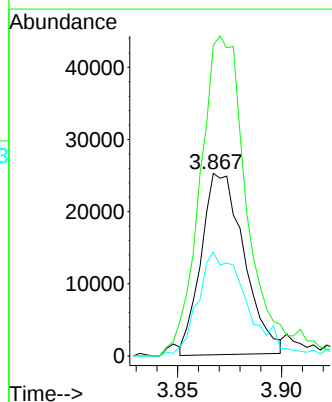
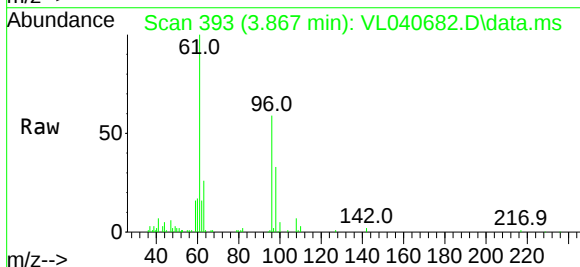
Tgt Ion: 96 Resp: 35993

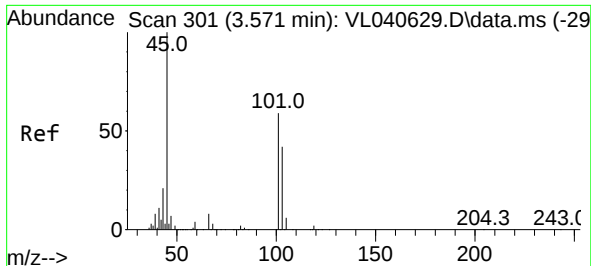
Ion Ratio Lower Upper

96 100

61 160.9 153.6 230.4

98 55.2 51.9 77.9

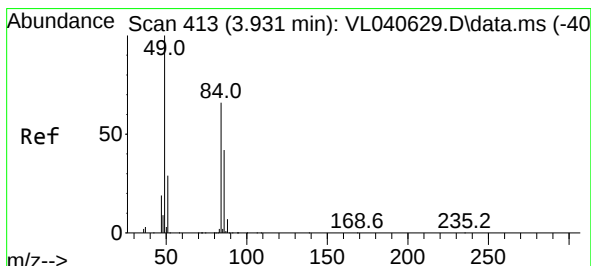
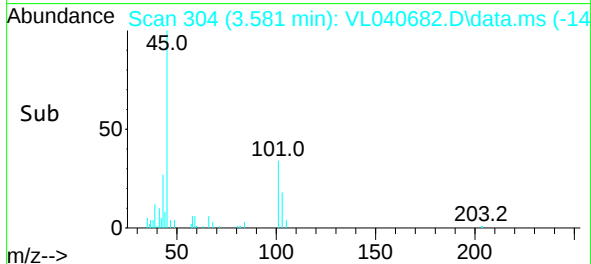
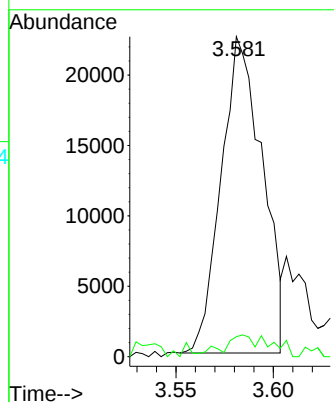
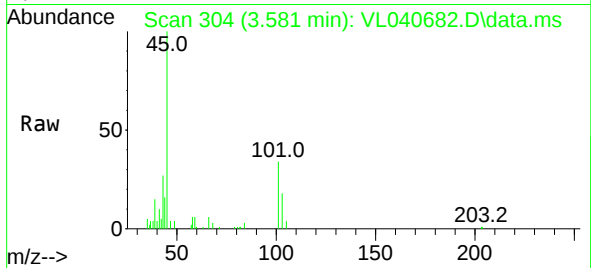




#19
Isopropyl Alcohol
Concen: 0.419 ppbv
RT: 3.581 min Scan# 301
Delta R.T. 0.016 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

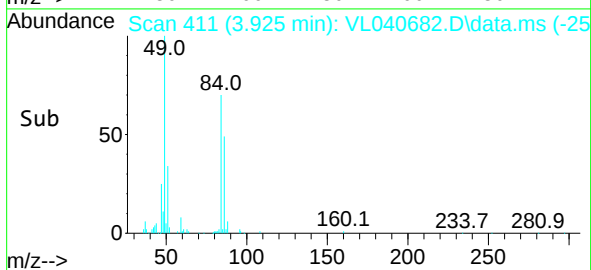
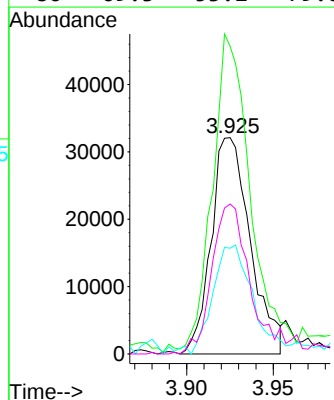
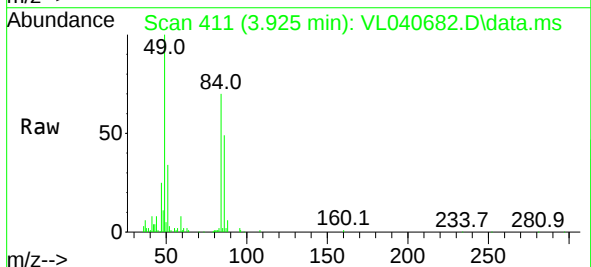
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

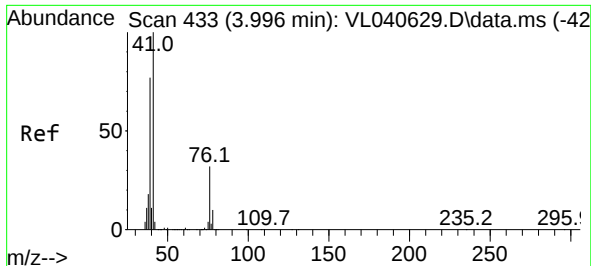
Tgt Ion: 45 Resp: 33111
Ion Ratio Lower Upper
45 100
58 8.7 1.9 2.9#



#20
Methylene Chloride
Concen: 0.717 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 84 Resp: 50550
Ion Ratio Lower Upper
84 100
49 140.0 114.4 171.6
51 46.2 35.5 53.3
86 69.3 53.2 79.8





#21

Allyl Chloride

Concen: 0.523 ppbv

RT: 3.986 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

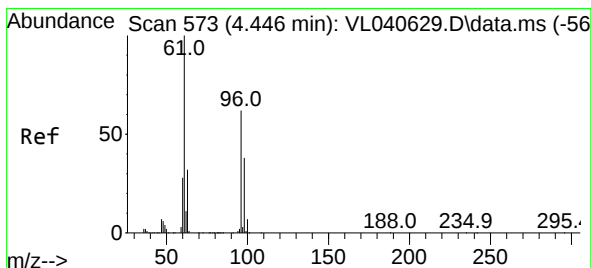
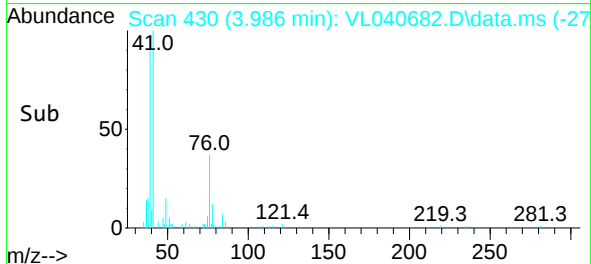
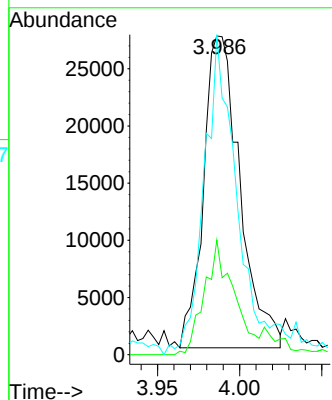
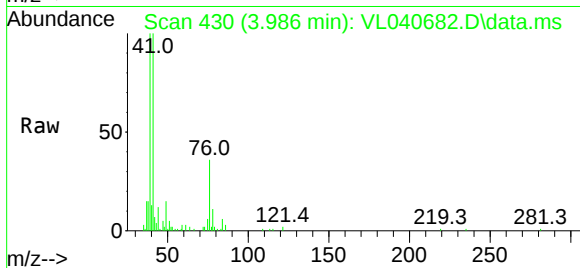
Tgt Ion: 41 Resp: 42030

Ion Ratio Lower Upper

41 100

76 35.5 26.6 40.0

39 104.0 65.0 97.4#



#22

trans-1,2-Dichloroethene

Concen: 0.567 ppbv

RT: 4.439 min Scan# 571

Delta R.T. 0.007 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

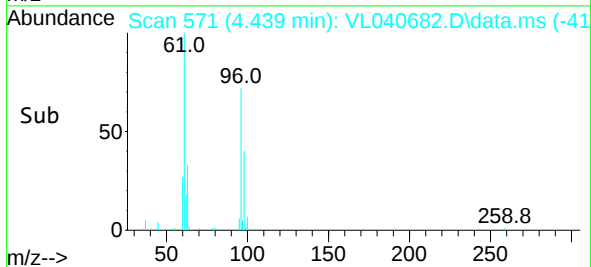
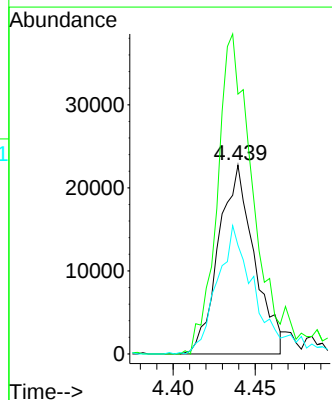
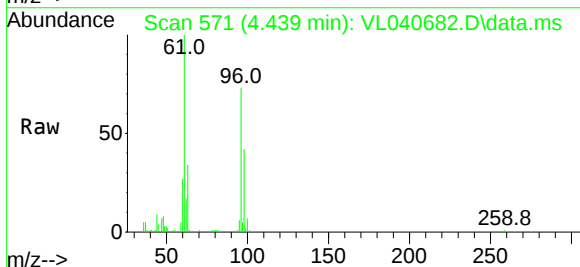
Tgt Ion: 96 Resp: 34335

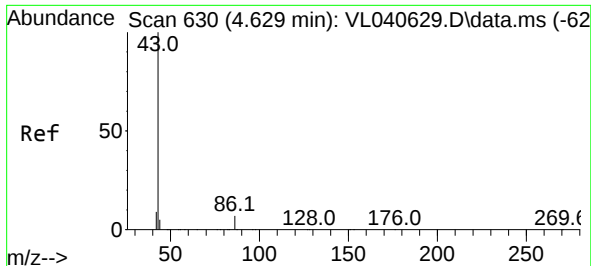
Ion Ratio Lower Upper

96 100

61 137.6 129.9 194.9

98 56.8 50.2 75.4

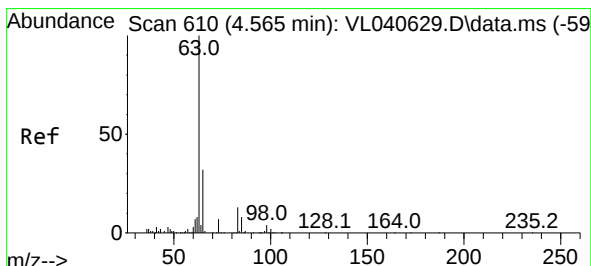
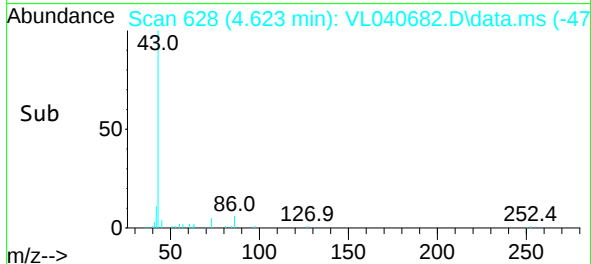
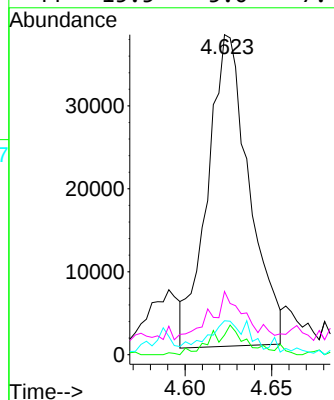
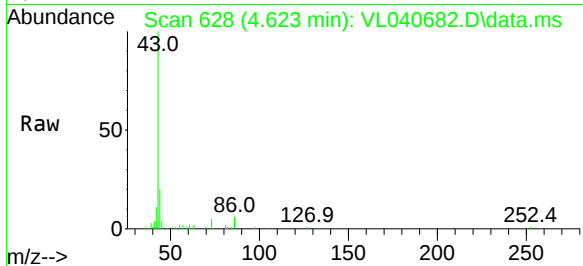




#23
 Vinyl Acetate
 Concen: 0.462 ppbv
 RT: 4.623 min Scan# 61
 Delta R.T. 0.007 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

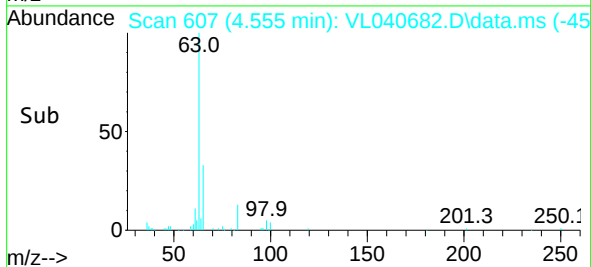
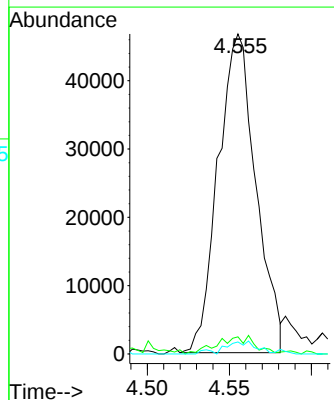
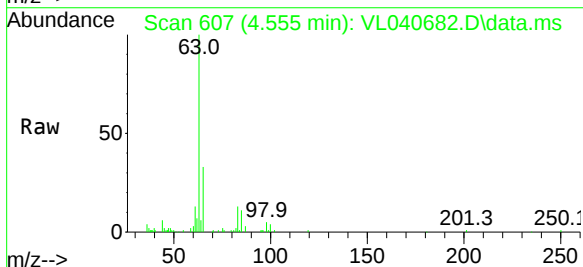
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

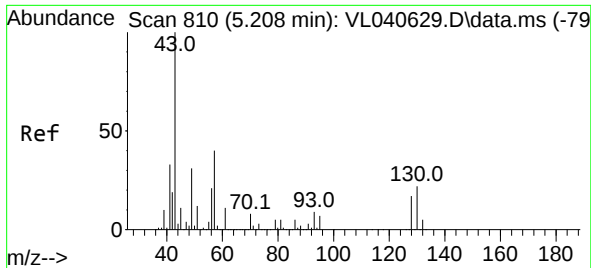
Tgt Ion:	43	Resp:	62657
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.6	8.4
42	11.4	7.6	11.4
44	15.5	5.0	7.4



#24
 1,1-Dichloroethane
 Concen: 0.589 ppbv
 RT: 4.555 min Scan# 607
 Delta R.T. 0.003 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

Tgt Ion:	63	Resp:	74747
Ion	Ratio	Lower	Upper
63	100		
98	4.8	1.8	5.5
100	3.8	1.2	3.6



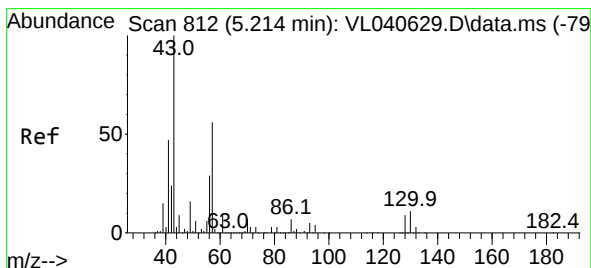
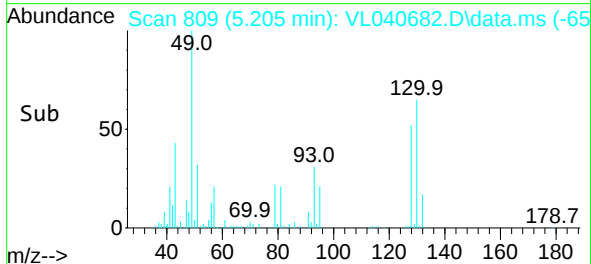
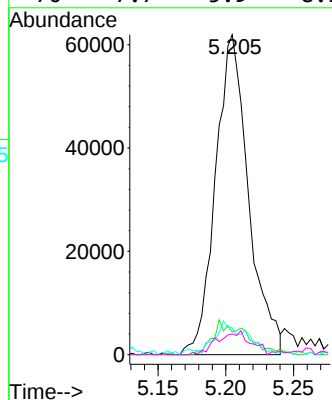
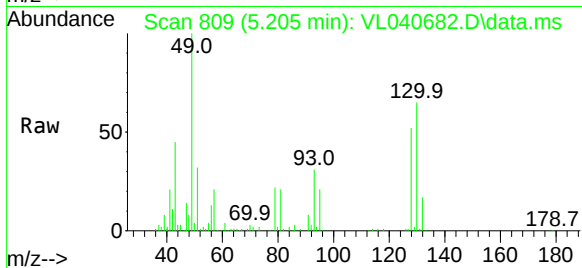


#25
Ethyl Acetate
Concen: 0.496 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.010 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 104843

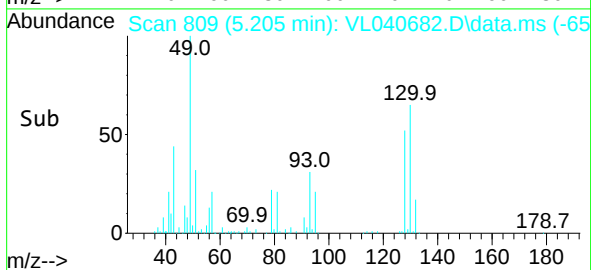
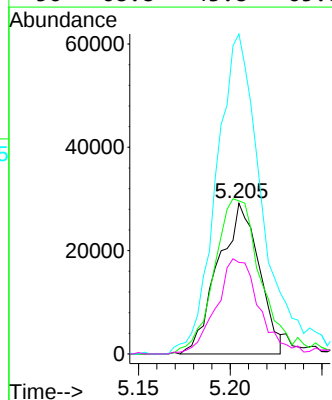
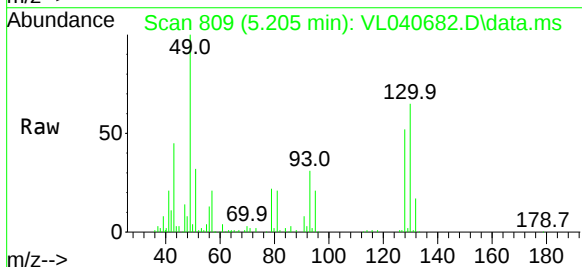
Ion	Ratio	Lower	Upper
43	100		
45	11.1	8.2	12.4
61	11.4	8.2	12.4
70	7.7	5.9	8.9

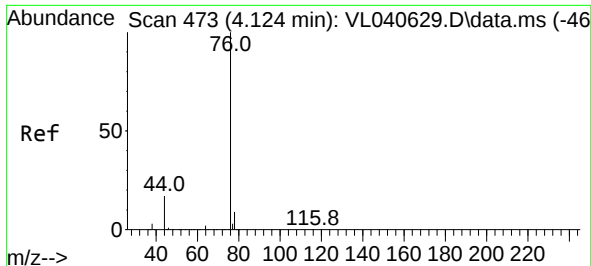


#26
Hexane
Concen: 0.453 ppbv
RT: 5.205 min Scan# 809
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 57 Resp: 45299

Ion	Ratio	Lower	Upper
57	100		
41	122.4	75.2	112.8#
43	250.8	185.6	278.4
56	68.8	43.8	65.8#





#27

Carbon Disulfide

Concen: 0.493 ppbv

RT: 4.118 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

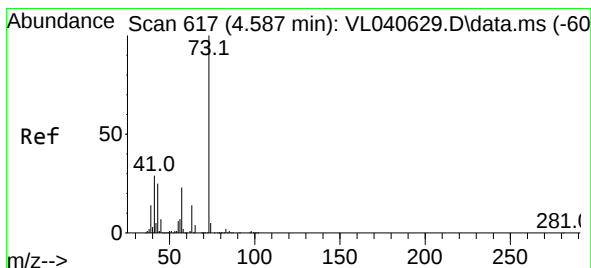
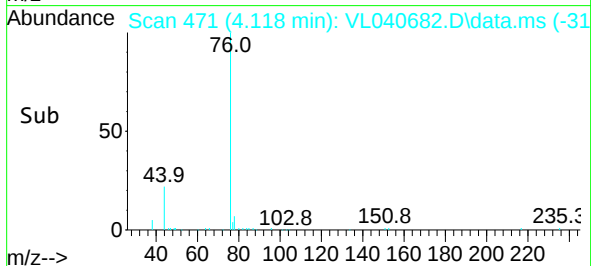
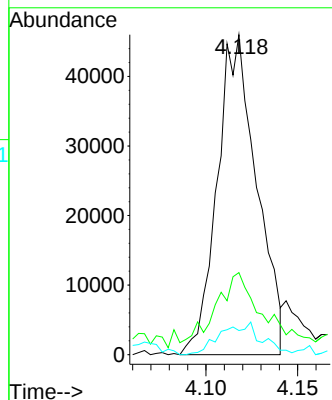
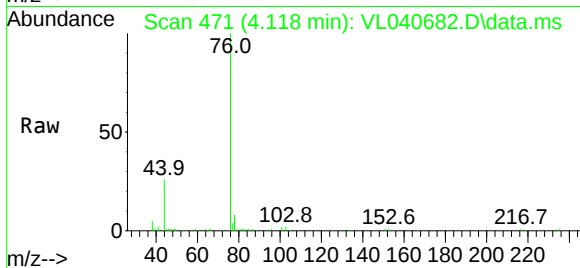
Tgt Ion: 76 Resp: 68770

Ion Ratio Lower Upper

76 100

44 31.7 14.5 21.7#

78 12.3 7.7 11.5#



#28

Methyl tert-Butyl Ether

Concen: 0.562 ppbv

RT: 4.591 min Scan# 618

Delta R.T. 0.013 min

Lab File: VL040682.D

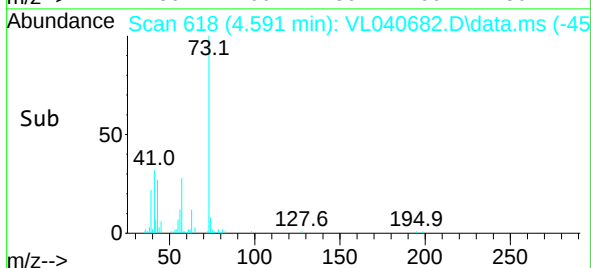
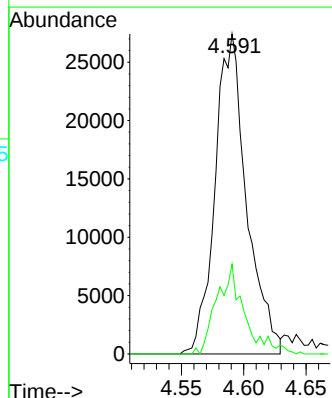
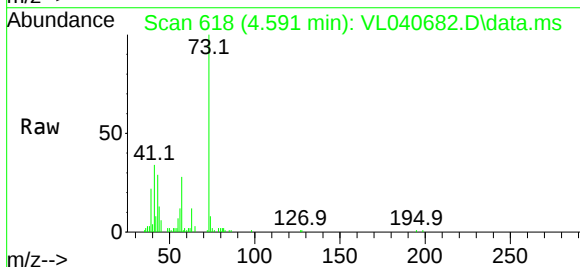
Acq: 14 Sep 2023 13:08

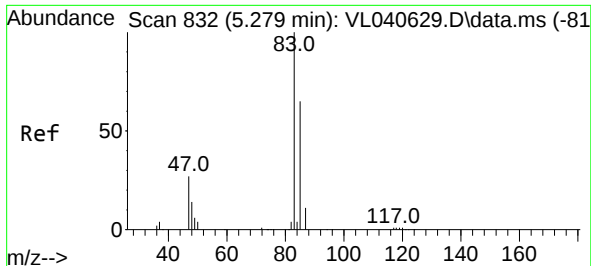
Tgt Ion: 73 Resp: 48290

Ion Ratio Lower Upper

73 100

57 24.7 18.8 28.2





#29

Chloroform

Concen: 0.559 ppbv

RT: 5.263 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

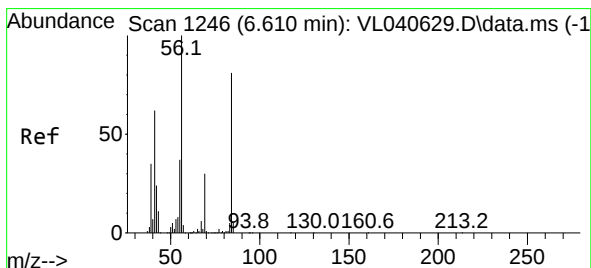
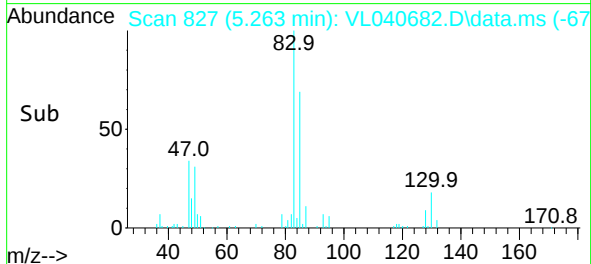
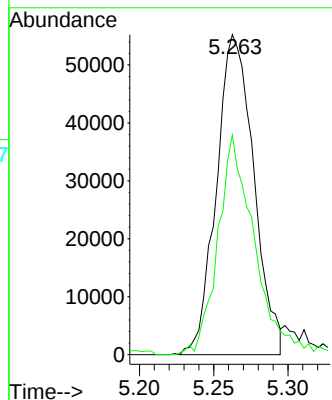
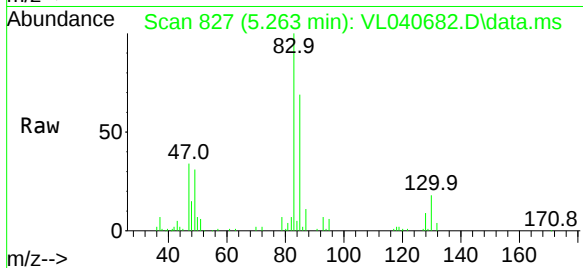
VSTDIC0.5

Tgt Ion: 83 Resp: 96475

Ion Ratio Lower Upper

83 100

85 68.0 51.8 77.8



#30

Cyclohexane

Concen: 0.196 ppbv

RT: 6.587 min Scan# 1239

Delta R.T. -0.006 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

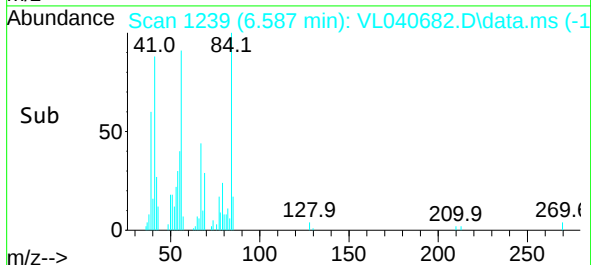
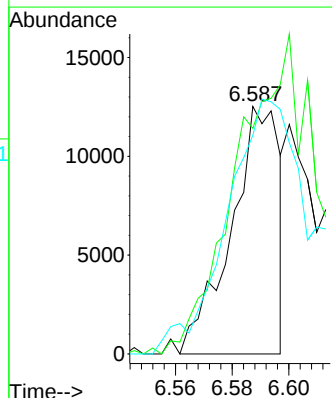
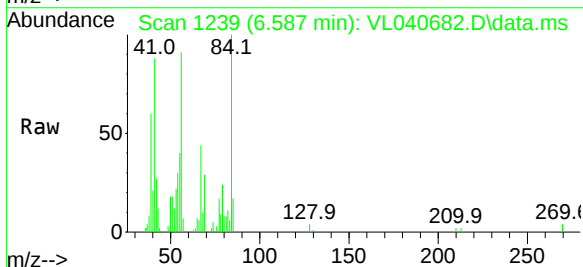
Tgt Ion: 84 Resp: 14778

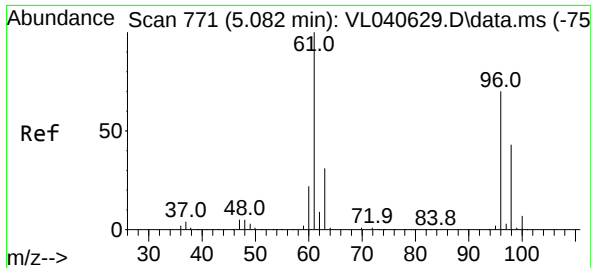
Ion Ratio Lower Upper

84 100

56 0.0 103.2 154.8#

41 197.2 65.5 98.3#

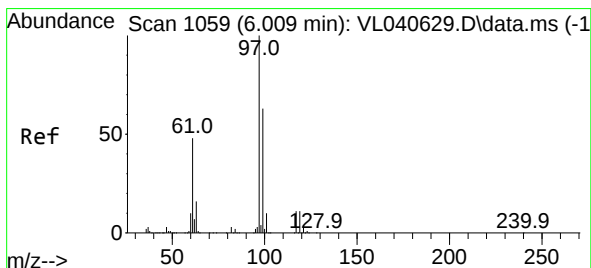
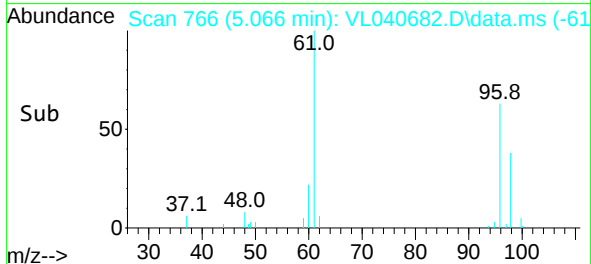
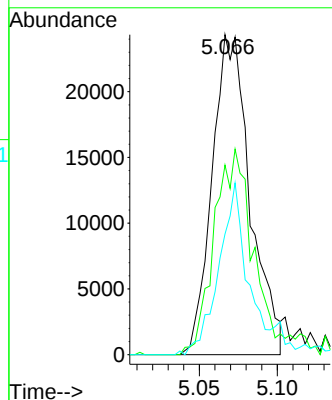
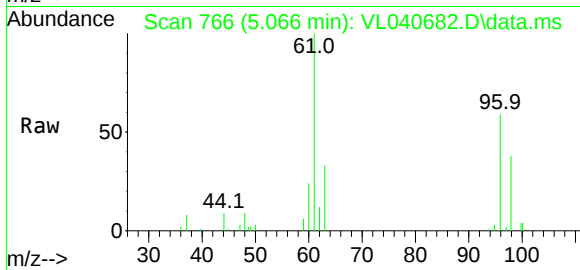




#31
 cis-1,2-Dichloroethene
 Concen: 0.446 ppbv
 RT: 5.066 min Scan# 771
 Delta R.T. -0.003 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

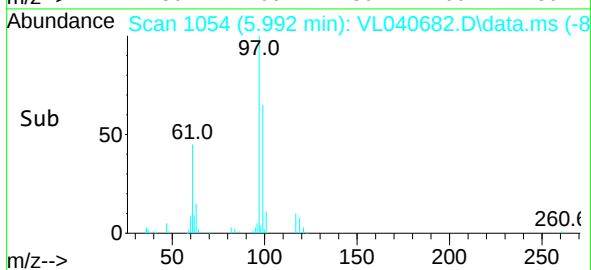
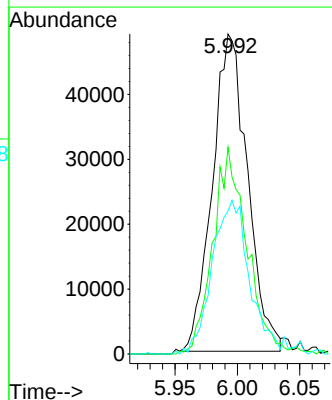
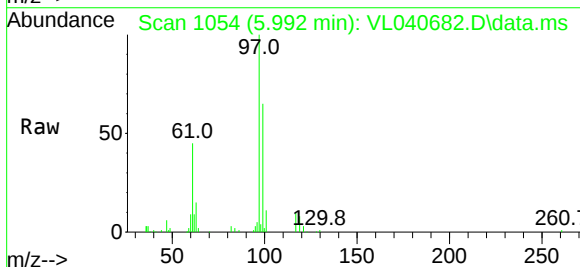
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 41319
 Ion Ratio Lower Upper
 61 100
 96 59.3 51.2 76.8
 98 36.5 32.3 48.5



#32
 1,1,1-Trichloroethane
 Concen: 0.545 ppbv
 RT: 5.992 min Scan# 1054
 Delta R.T. -0.003 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

Tgt Ion: 97 Resp: 96071
 Ion Ratio Lower Upper
 97 100
 99 63.5 52.4 78.6
 61 53.4 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

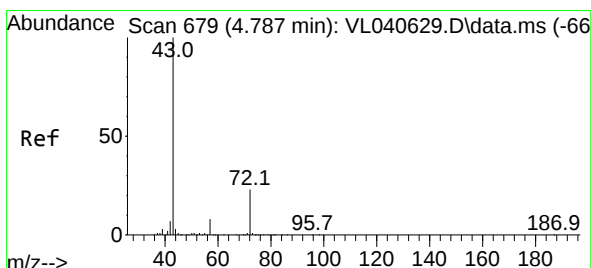
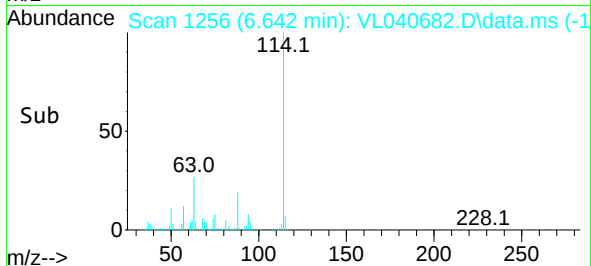
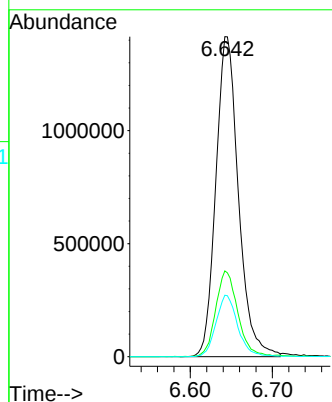
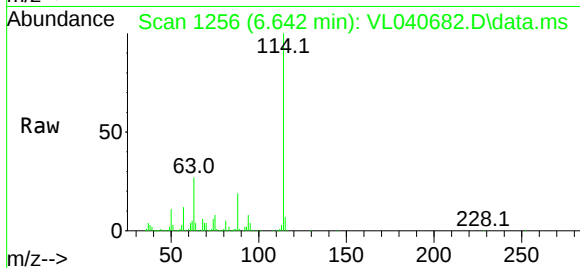
Tgt Ion:114 Resp: 2709395

Ion Ratio Lower Upper

114 100

63 26.7 21.1 31.7

88 18.7 14.5 21.7



#34

2-Butanone

Concen: 0.468 ppbv

RT: 4.793 min Scan# 681

Delta R.T. 0.016 min

Lab File: VL040682.D

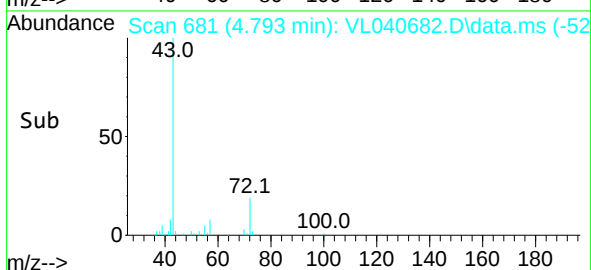
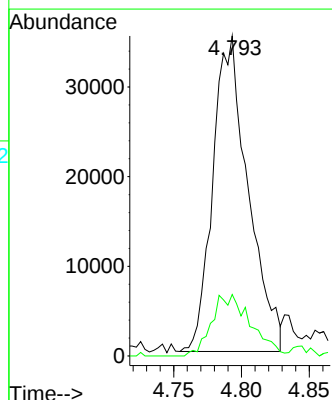
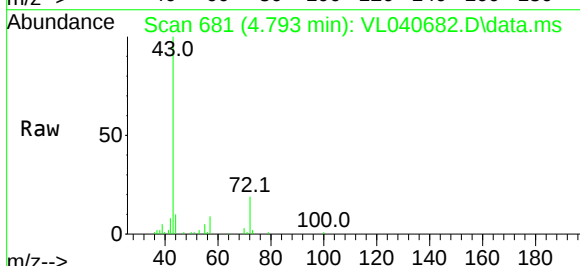
Acq: 14 Sep 2023 13:08

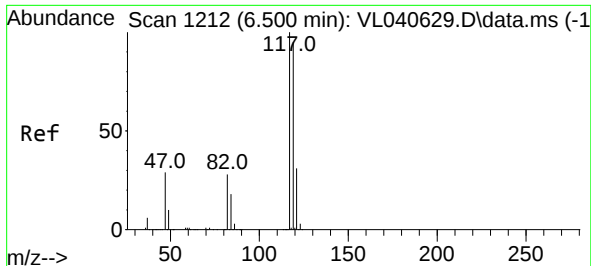
Tgt Ion: 43 Resp: 63766

Ion Ratio Lower Upper

43 100

72 23.8 18.6 27.8

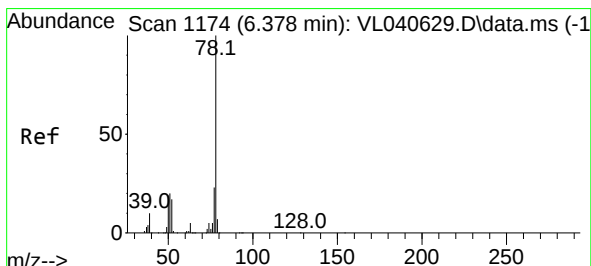
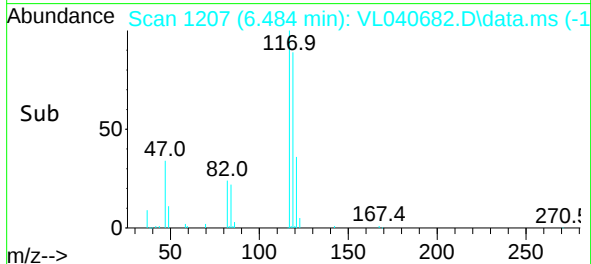
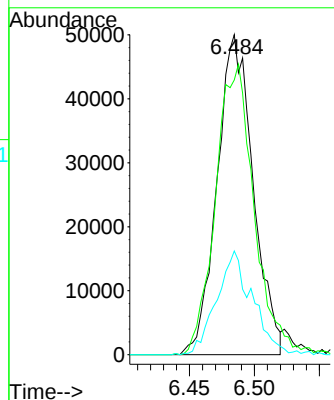
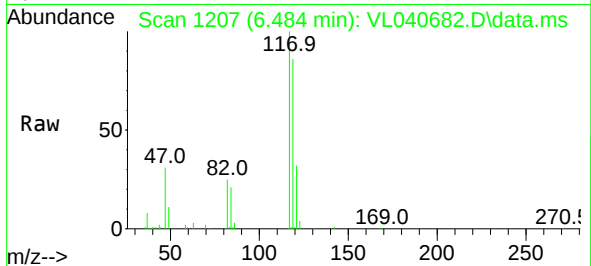




#35
Carbon Tetrachloride
Concen: 0.519 ppbv
RT: 6.484 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

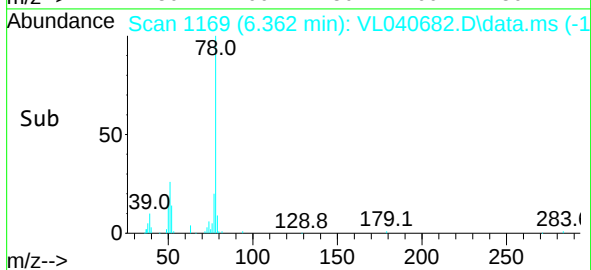
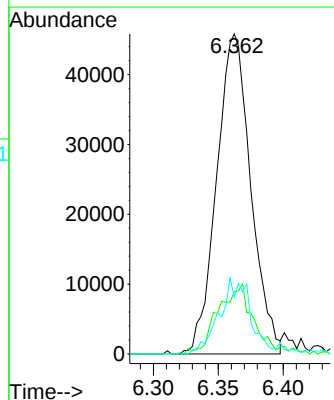
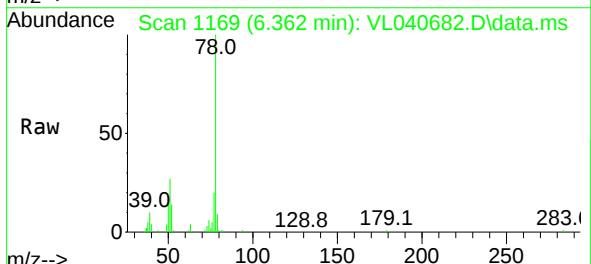
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

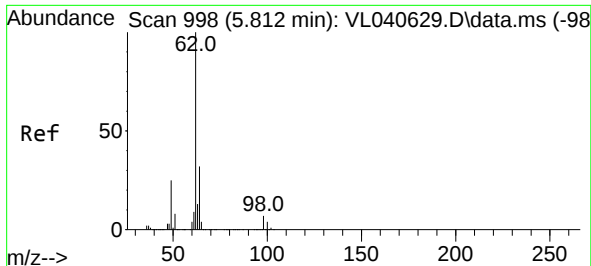
Tgt Ion:117 Resp: 96542
Ion Ratio Lower Upper
117 100
119 85.8 78.6 117.8
121 32.4 24.7 37.1



#36
Benzene
Concen: 0.418 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 78 Resp: 83907
Ion Ratio Lower Upper
78 100
77 19.5 17.9 26.9
50 17.4 17.3 25.9





#37

1,2-Dichloroethane

Concen: 0.481 ppbv

RT: 5.796 min Scan# 998

Delta R.T. -0.003 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_1

ClientSampleId :

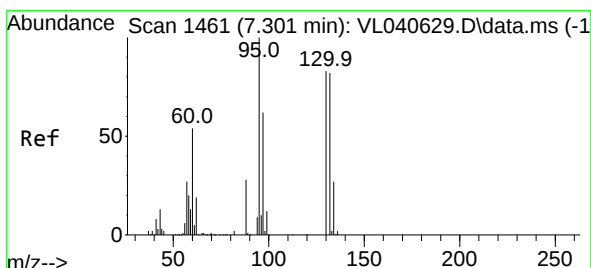
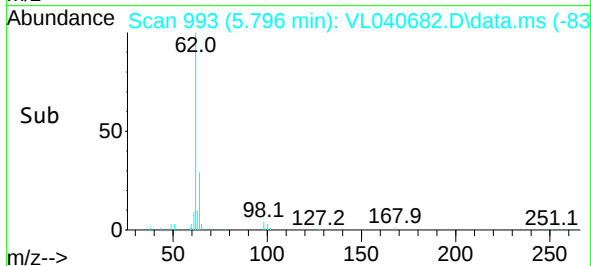
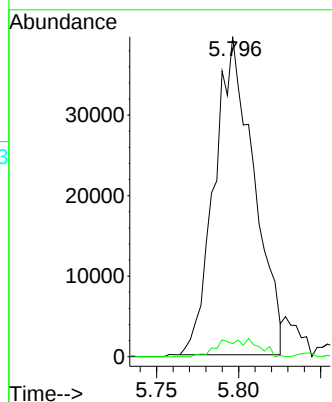
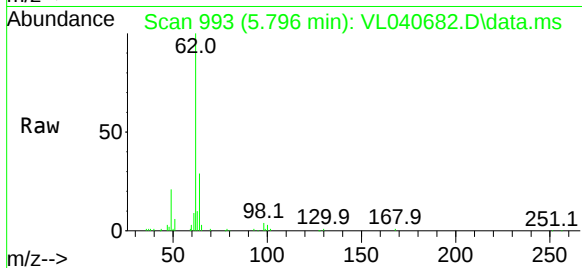
VSTDIC0.5

Tgt Ion: 62 Resp: 66100

Ion Ratio Lower Upper

62 100

98 6.1 4.2 6.4



#38

Trichloroethene

Concen: 0.277 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.000 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Tgt Ion:130 Resp: 21201

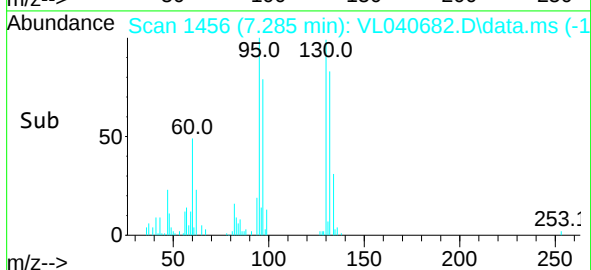
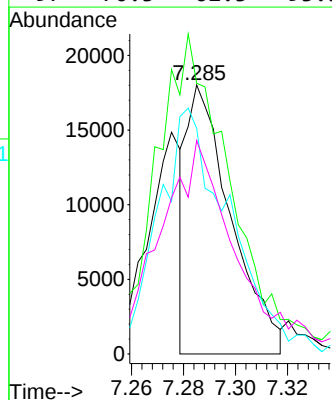
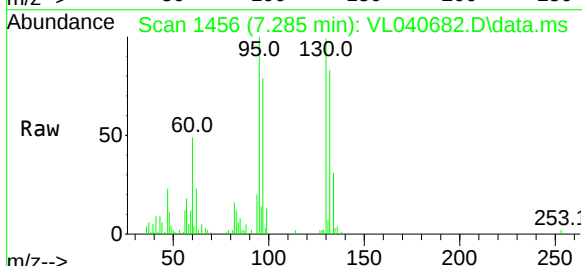
Ion Ratio Lower Upper

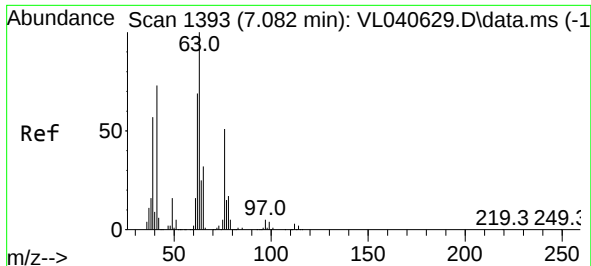
130 100

95 96.6 91.9 137.9

132 79.9 77.3 115.9

97 70.3 62.3 93.5





#39

1,2-Dichloropropane

Concen: 0.413 ppbv

RT: 7.070 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

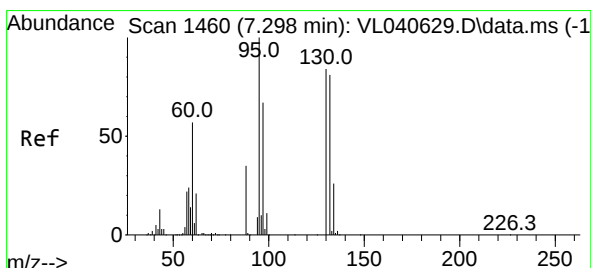
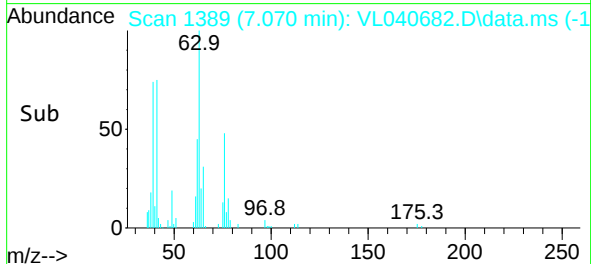
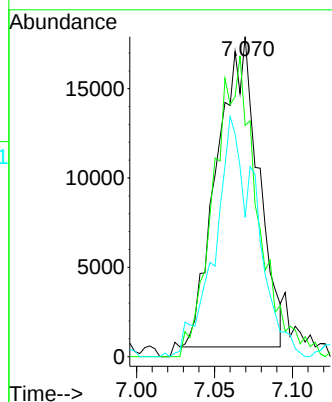
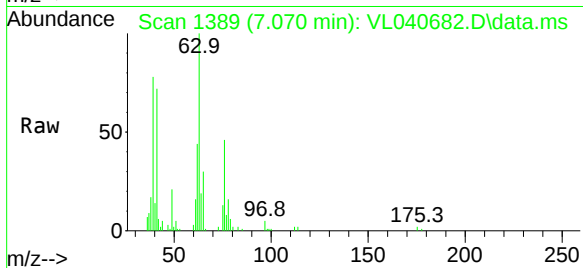
Tgt Ion: 63 Resp: 31911

Ion Ratio Lower Upper

63 100

41 74.5 61.6 92.4

62 43.2 55.8 83.8#



#40

1,4-Dioxane

Concen: 0.013 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. 0.007 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Tgt Ion: 88 Resp: 367

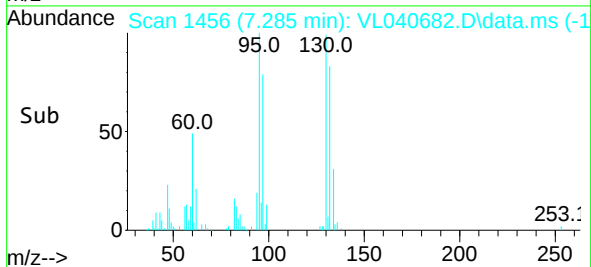
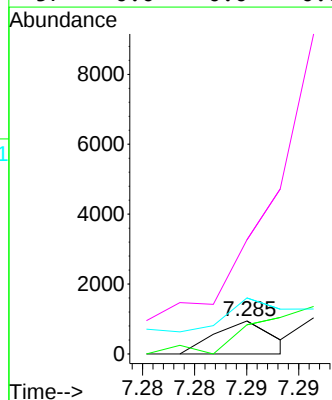
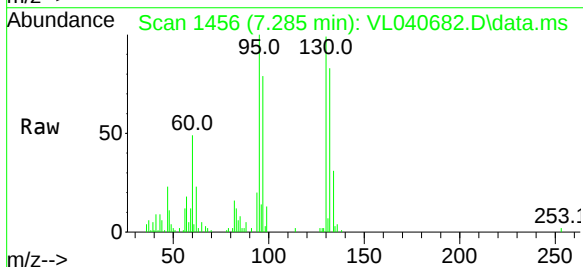
Ion Ratio Lower Upper

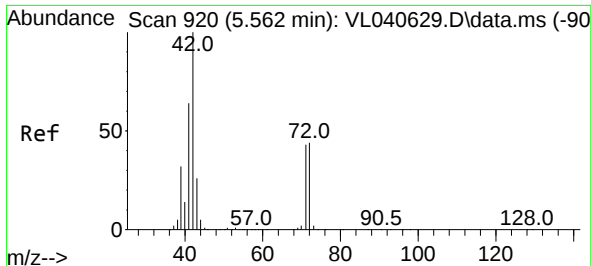
88 100

58 0.0 92.7 139.1#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.108 ppbv

RT: 5.565 min Scan# 91

Delta R.T. 0.016 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

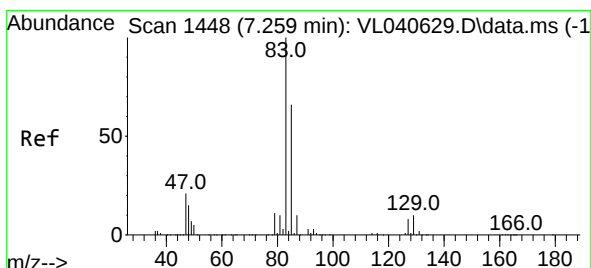
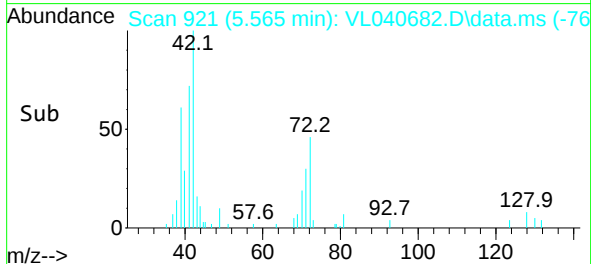
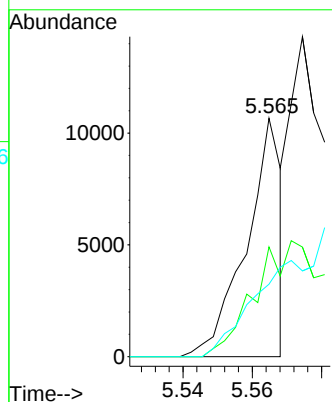
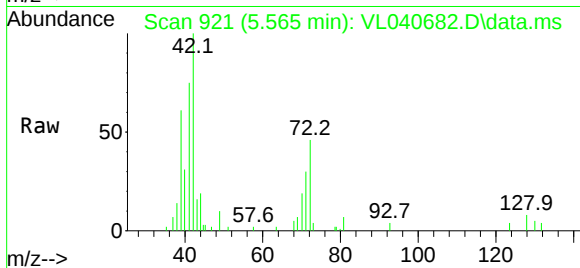
Tgt Ion: 42 Resp: 7515

Ion Ratio Lower Upper

42 100

72 0.0 34.9 52.3#

71 0.0 33.8 50.8#



#42

Bromodichloromethane

Concen: 0.484 ppbv

RT: 7.237 min Scan# 1441

Delta R.T. -0.006 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

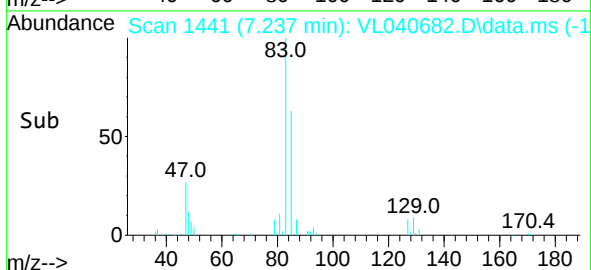
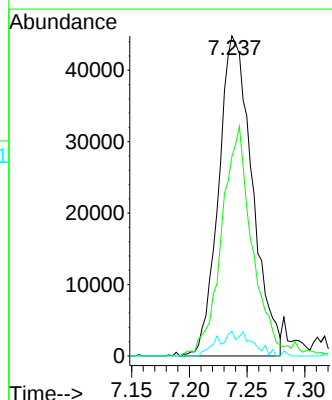
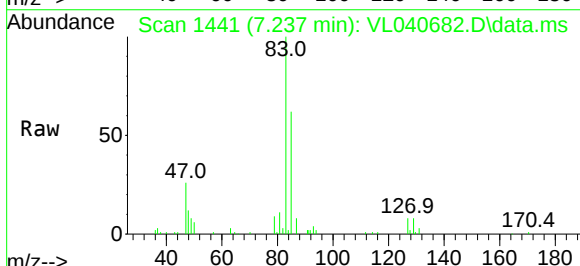
Tgt Ion: 83 Resp: 90658

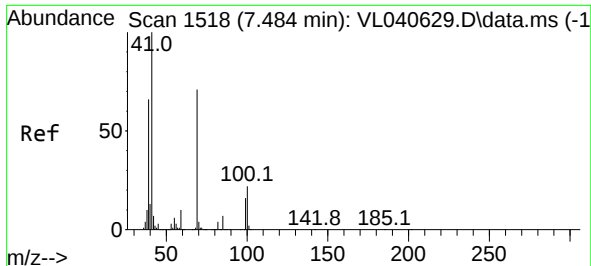
Ion Ratio Lower Upper

83 100

85 62.3 51.2 76.8

127 7.8 6.2 9.4

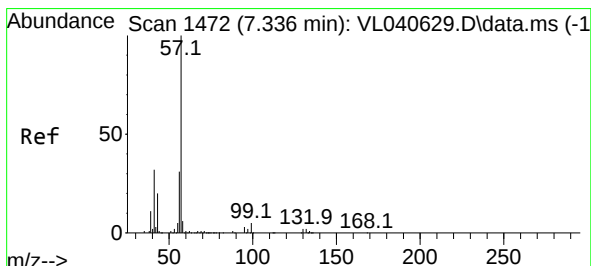
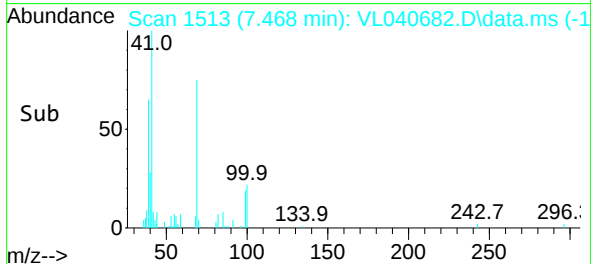
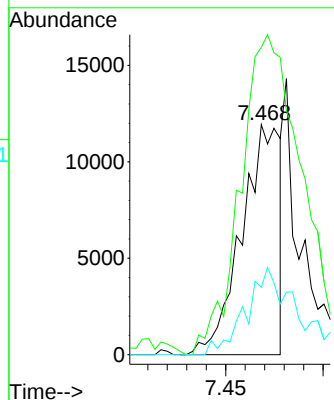
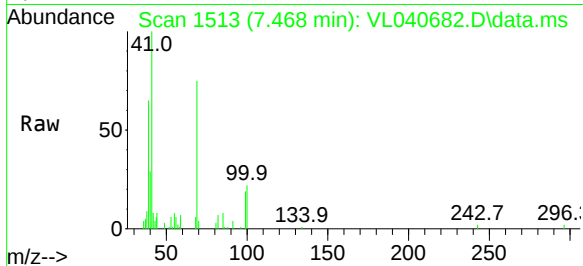




#43
Methyl Methacrylate
Concen: 0.220 ppbv
RT: 7.468 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

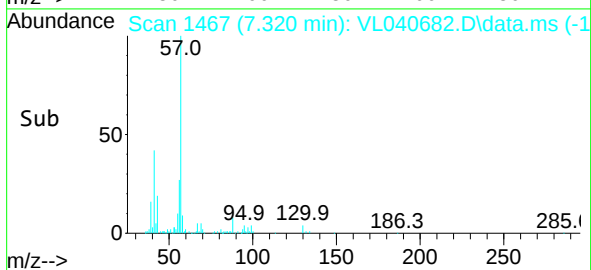
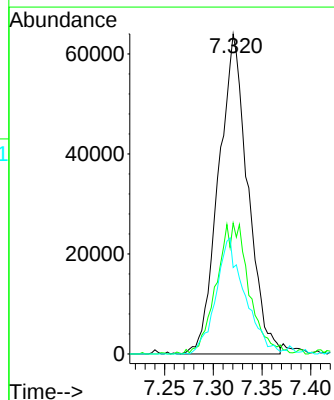
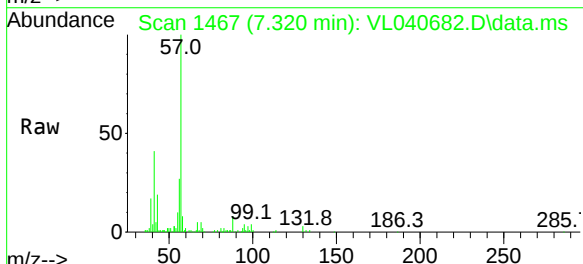
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

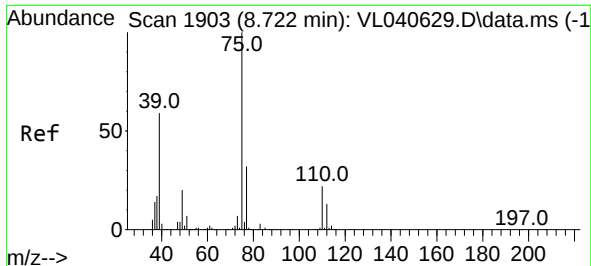
Tgt Ion: 69 Resp: 16372
Ion Ratio Lower Upper
69 100
41 234.0 113.8 170.8#
100 50.2 25.4 38.0#



#44
2,2,4-Trimethylpentane
Concen: 0.417 ppbv
RT: 7.320 min Scan# 1467
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 57 Resp: 133201
Ion Ratio Lower Upper
57 100
41 46.2 28.5 42.7#
56 37.0 25.4 38.2





#45

t-1,3-Dichloropropene

Concen: 0.079 ppbv

RT: 8.690 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

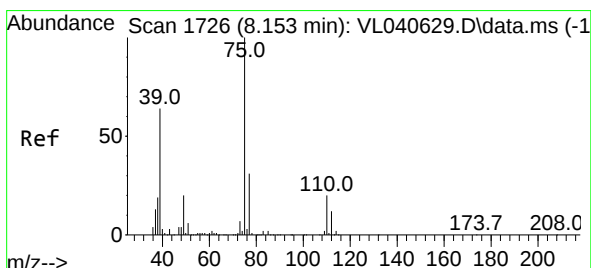
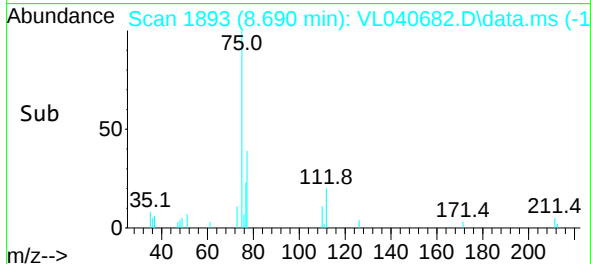
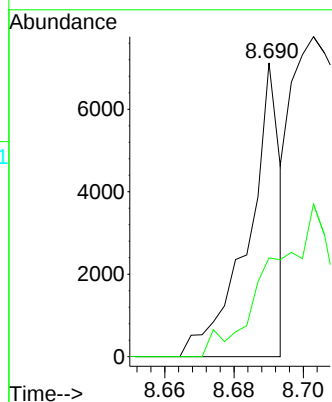
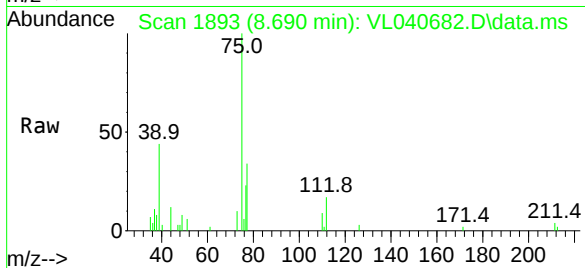
VSTDICC0.5

Tgt Ion: 75 Resp: 4552

Ion Ratio Lower Upper

75 100

77 33.6 24.5 36.7



#46

cis-1,3-Dichloropropene

Concen: 0.145 ppbv

RT: 8.127 min Scan# 1718

Delta R.T. -0.010 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

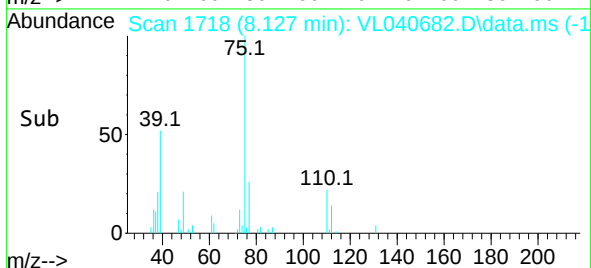
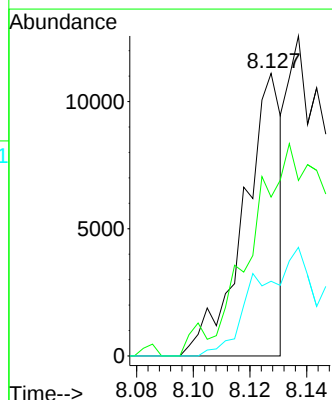
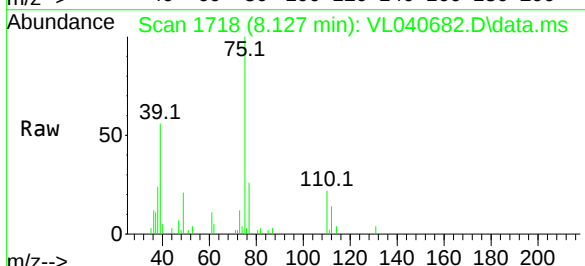
Tgt Ion: 75 Resp: 10237

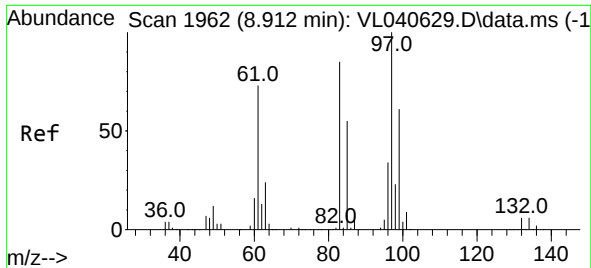
Ion Ratio Lower Upper

75 100

39 56.2 54.0 81.0

77 26.4 23.6 35.4



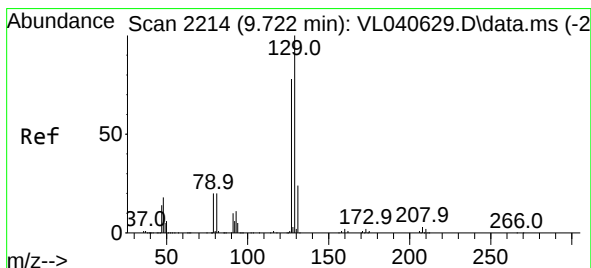
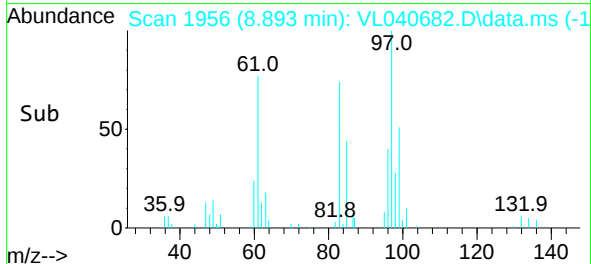
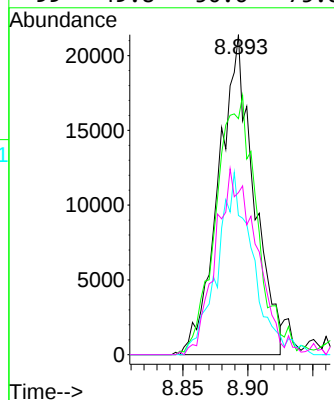
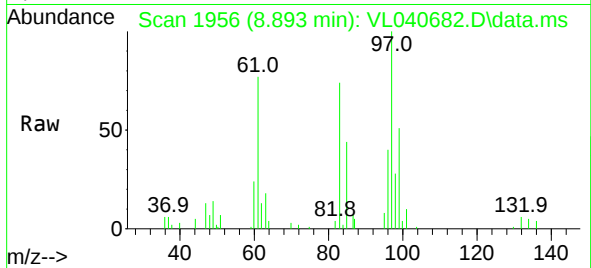


#47
1,1,2-Trichloroethane
Concen: 0.455 ppbv
RT: 8.893 min Scan# 1962
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 97 Resp: 40309

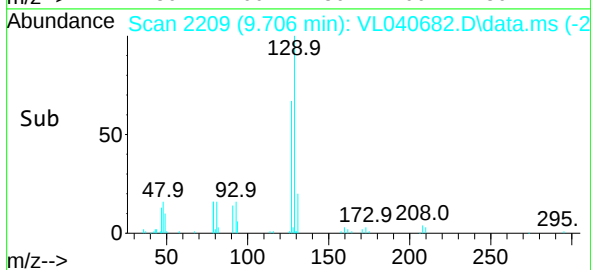
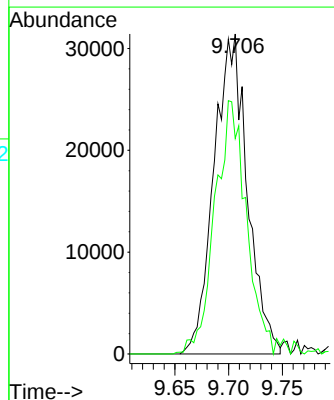
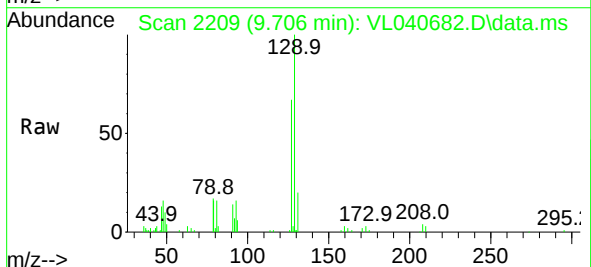
Ion	Ratio	Lower	Upper
97	100		
83	72.7	70.8	106.2
85	43.5	45.7	68.5#
99	49.8	50.6	75.8#

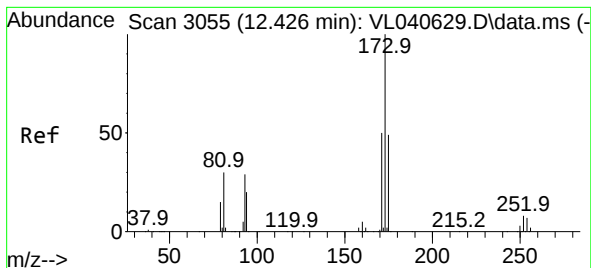


#48
Dibromochloromethane
Concen: 0.464 ppbv
RT: 9.706 min Scan# 2209
Delta R.T. 0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 129 Resp: 67828

Ion	Ratio	Lower	Upper
129	100		
127	76.2	39.4	118.2





#49

Bromoform

Concen: 0.274 ppbv

RT: 12.397 min Scan# 3055

Delta R.T. -0.006 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

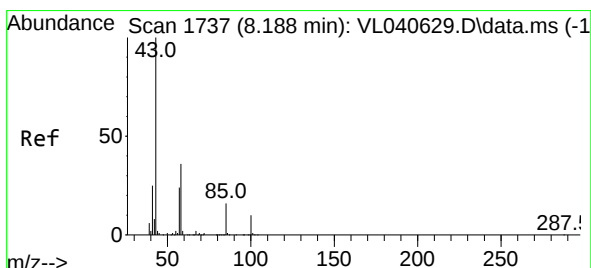
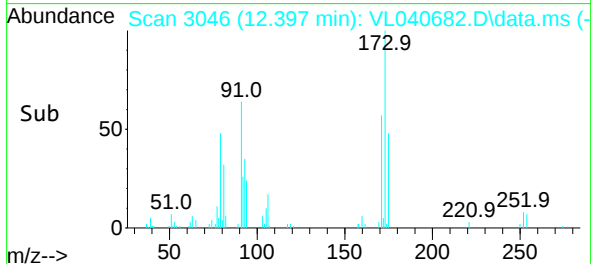
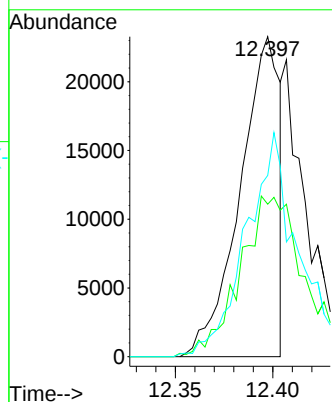
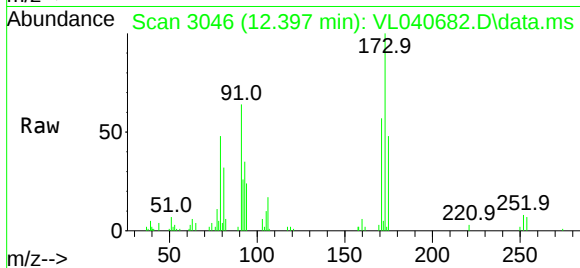
Tgt Ion:173 Resp: 32878

Ion Ratio Lower Upper

173 100

175 82.0 38.8 58.2#

171 94.3 42.2 63.2#



#50

4-Methyl-2-Pentanone

Concen: 0.196 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.019 min

Lab File: VL040682.D

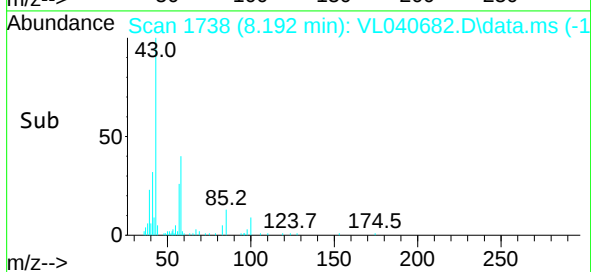
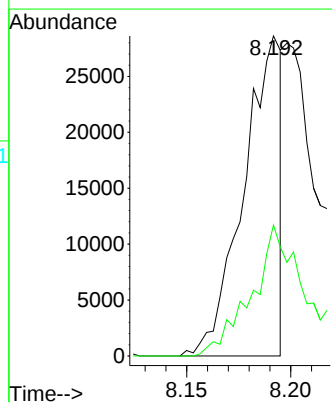
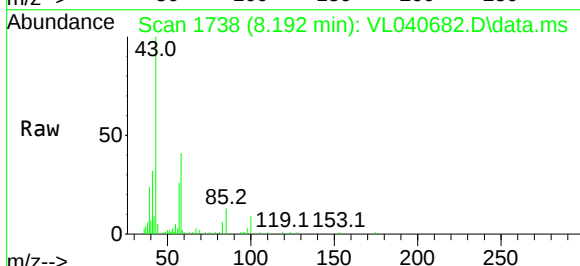
Acq: 14 Sep 2023 13:08

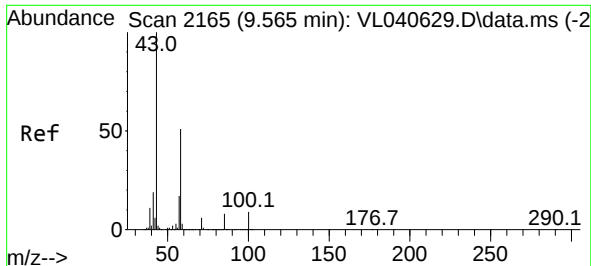
Tgt Ion: 43 Resp: 36119

Ion Ratio Lower Upper

43 100

58 65.2 28.2 42.4#

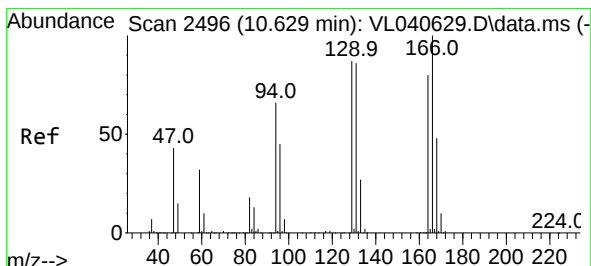
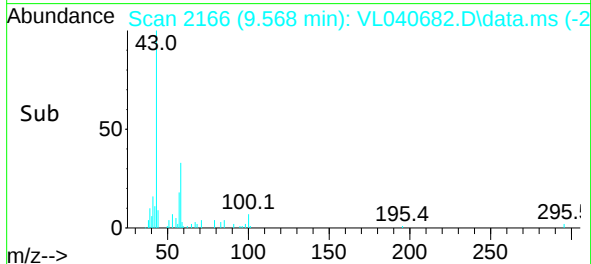
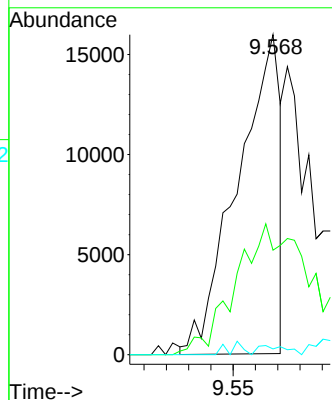
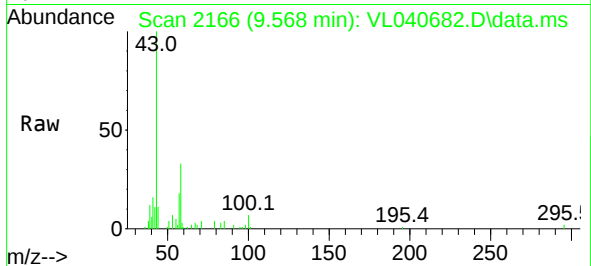




#51
2-Hexanone
Concen: 0.167 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.023 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

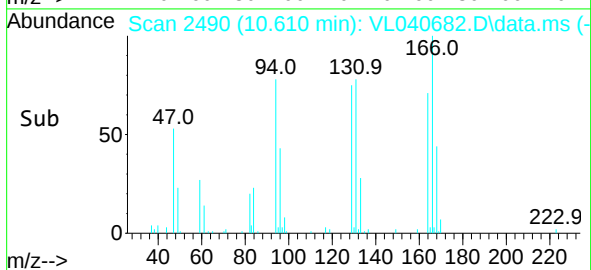
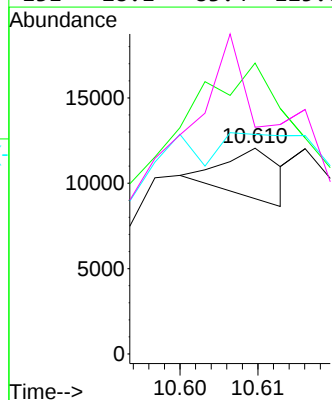
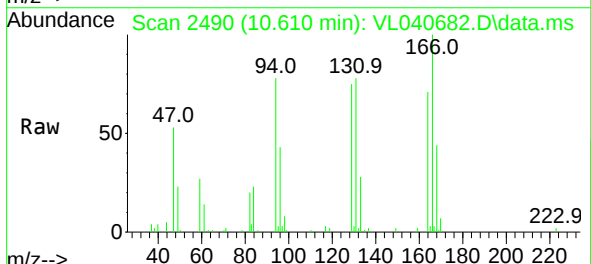
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

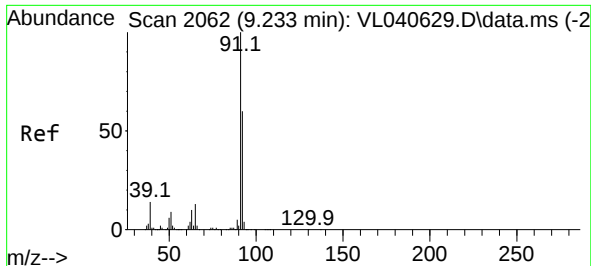
Tgt Ion: 43 Resp: 21173
Ion Ratio Lower Upper
43 100
58 78.7 37.6 56.4#
98 3.2 0.6 1.0#



#52
Tetrachloroethene
Concen: 0.020 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 164 Resp: 1331
Ion Ratio Lower Upper
164 100
166 236.9 103.4 155.2#
129 4.4 83.5 125.3#
131 28.1 83.4 125.0#

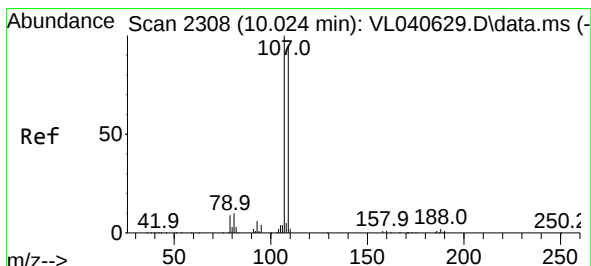
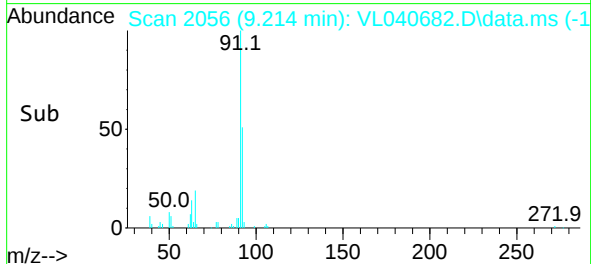
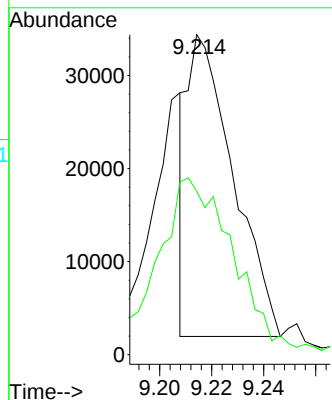
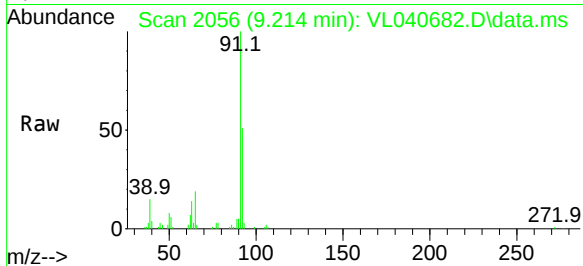




#53
Toluene
Concen: 0.187 ppbv
RT: 9.214 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

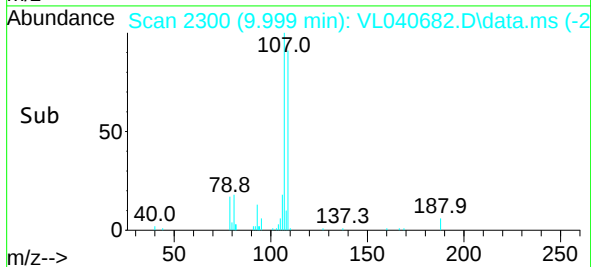
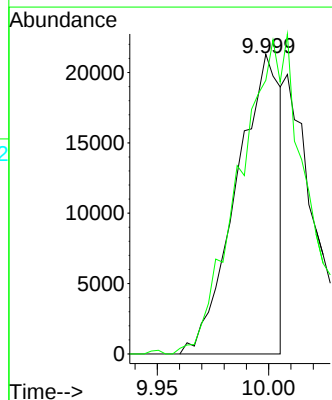
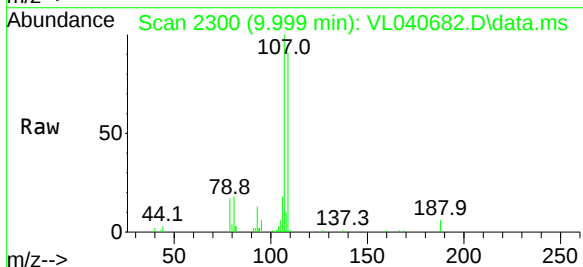
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

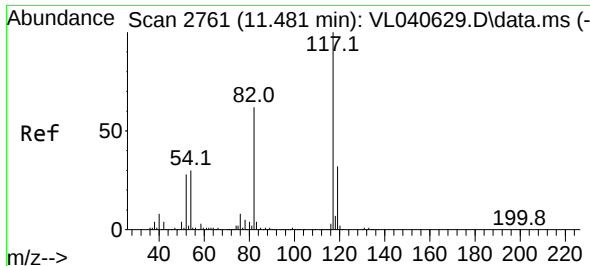
Tgt Ion: 91 Resp: 39714
Ion Ratio Lower Upper
91 100
92 100.2 48.5 72.7#



#54
1,2-Dibromoethane
Concen: 0.257 ppbv
RT: 9.999 min Scan# 2300
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 107 Resp: 29072
Ion Ratio Lower Upper
107 100
109 89.4 72.4 108.6

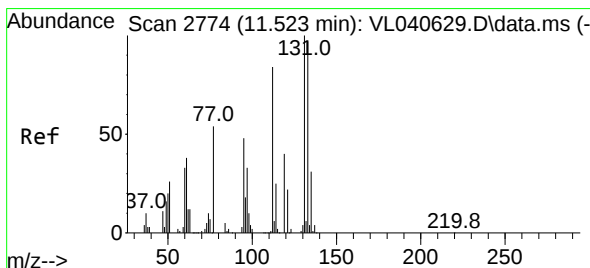
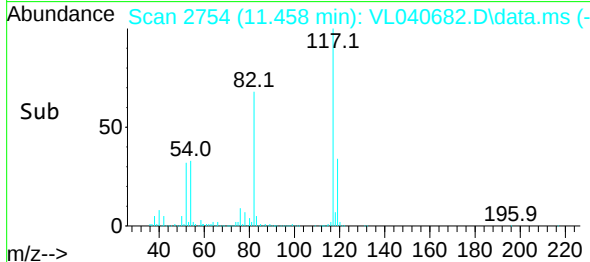
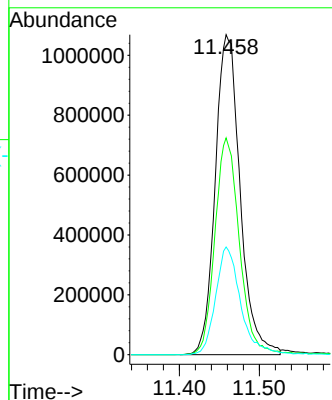
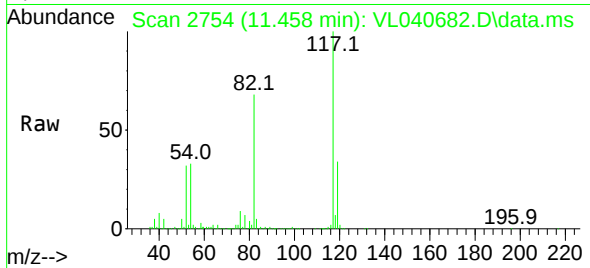




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

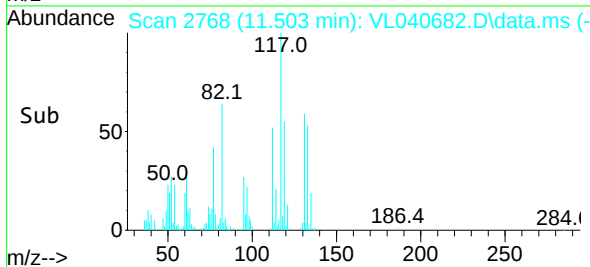
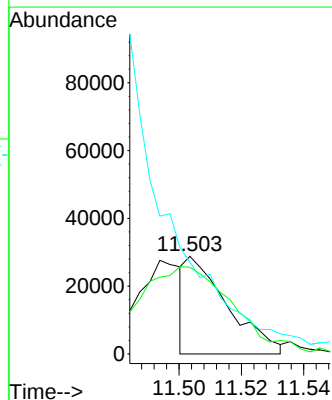
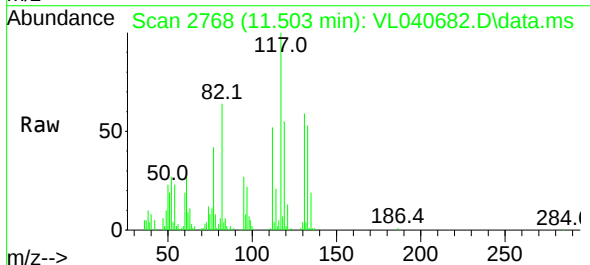
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

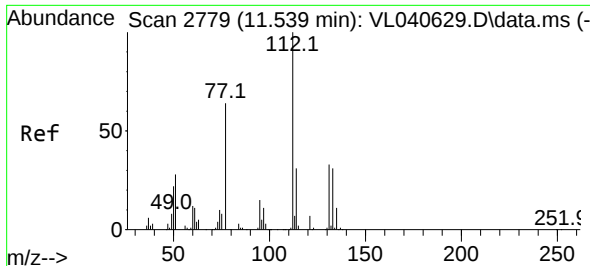
Tgt Ion:117 Resp: 2310771
Ion Ratio Lower Upper
117 100
82 67.1 51.4 77.0
119 34.0 24.7 37.1



#56
1,1,1,2-Tetrachloroethane
Concen: 0.242 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion:131 Resp: 26707
Ion Ratio Lower Upper
131 100
133 223.9 76.2 114.2#
119 0.0 45.5 68.3#

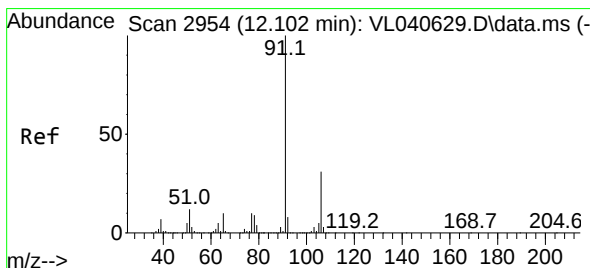
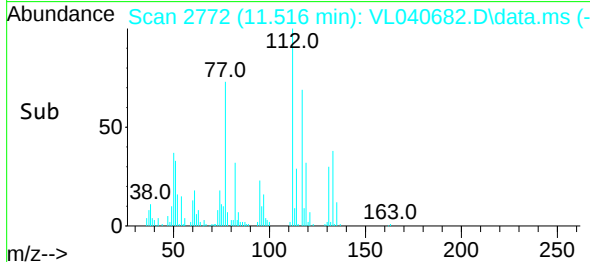
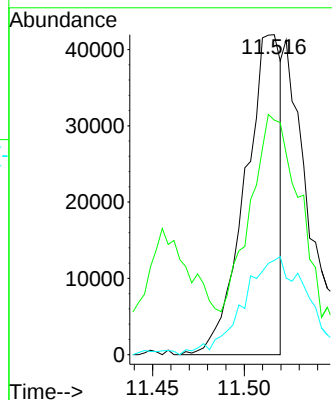
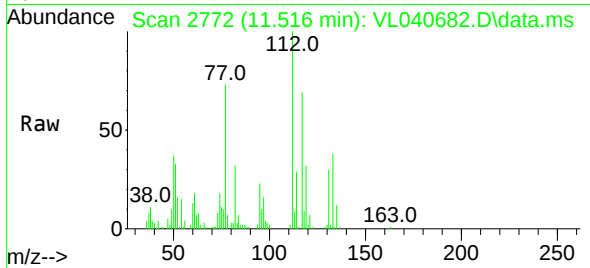




#57
Chlorobenzene
Concen: 0.324 ppbv
RT: 11.516 min Scan# 211
Delta R.T. -0.006 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

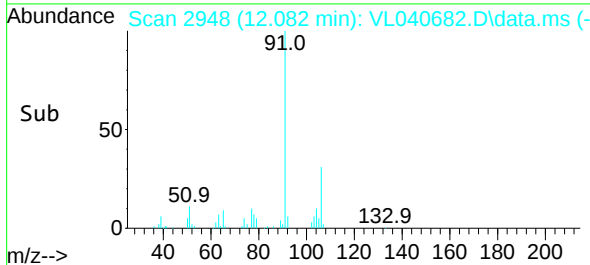
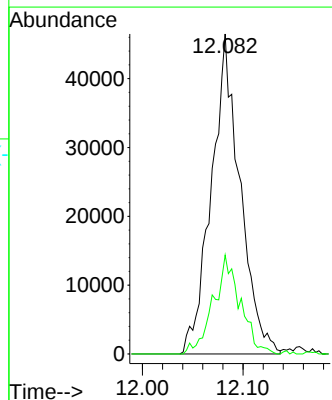
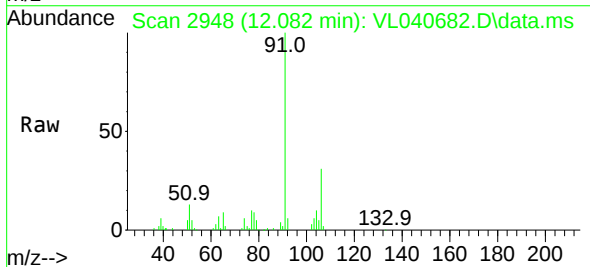
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

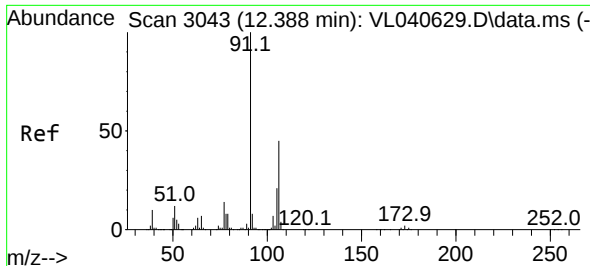
Tgt Ion:112 Resp: 56638
Ion Ratio Lower Upper
112 100
77 43.6 50.8 76.2#
114 29.4 28.2 34.4



#58
Ethyl Benzene
Concen: 0.350 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 91 Resp: 92184
Ion Ratio Lower Upper
91 100
106 30.9 24.7 37.1





#59

m/p-Xylene

Concen: 0.400 ppbv

RT: 12.365 min Scan# 3043

Delta R.T. -0.003 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_1

ClientSampleId :

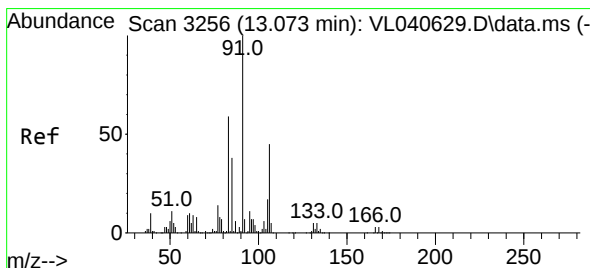
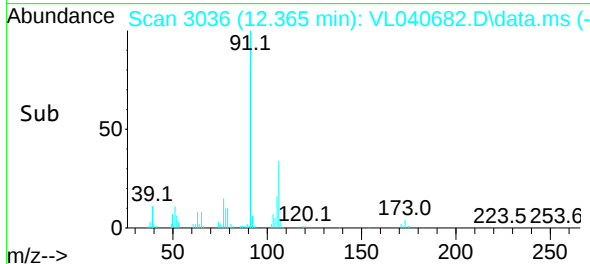
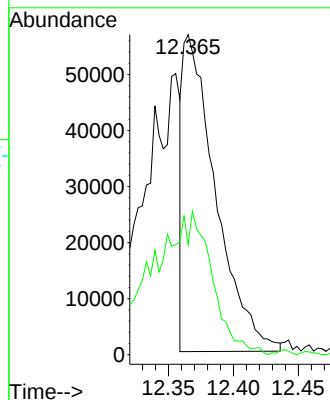
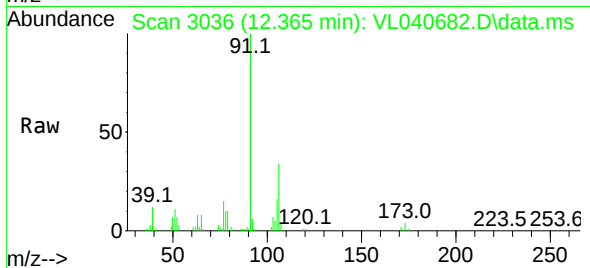
VSTDIC0.5

Tgt Ion: 91 Resp: 98924

Ion Ratio Lower Upper

91 100

106 83.8 34.8 52.2#



#60

o-Xylene

Concen: 0.258 ppbv

RT: 13.056 min Scan# 3251

Delta R.T. 0.003 min

Lab File: VL040682.D

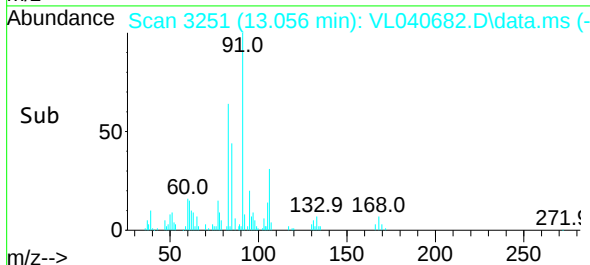
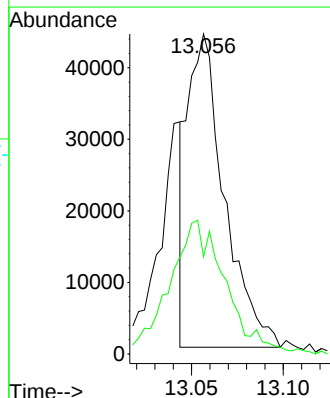
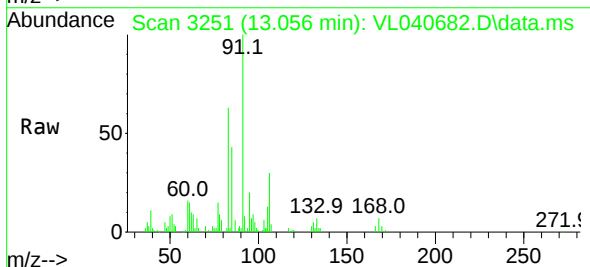
Acq: 14 Sep 2023 13:08

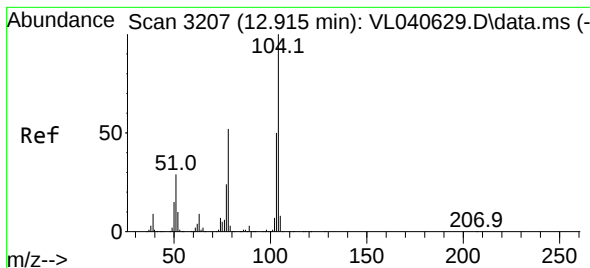
Tgt Ion: 91 Resp: 60927

Ion Ratio Lower Upper

91 100

106 65.6 22.3 66.9





#61

Styrene

Concen: 0.099 ppbv

RT: 12.889 min Scan# 3199

Delta R.T. -0.006 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

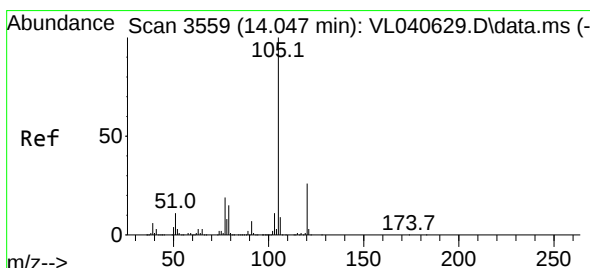
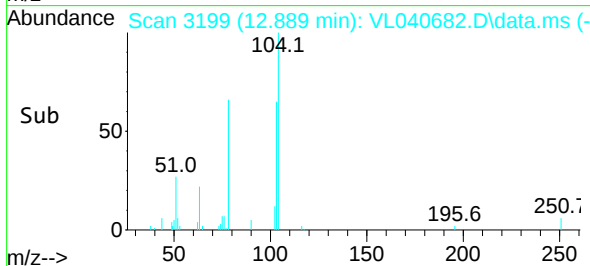
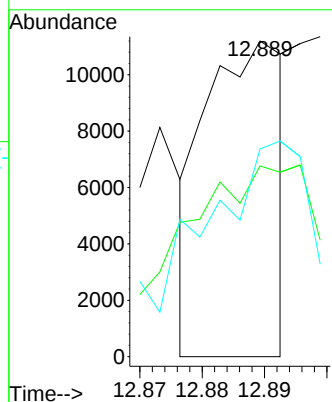
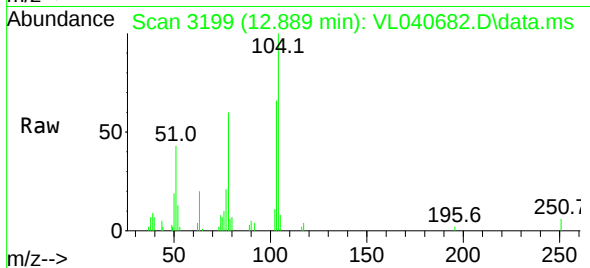
Tgt Ion:104 Resp: 9756

Ion Ratio Lower Upper

104 100

78 0.0 43.4 65.0#

103 155.6 37.2 55.8#



#62

Isopropylbenzene

Concen: 0.250 ppbv

RT: 14.021 min Scan# 3551

Delta R.T. -0.003 min

Lab File: VL040682.D

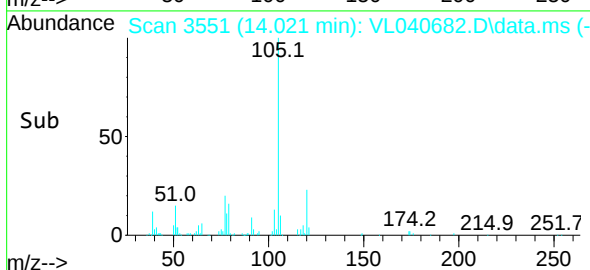
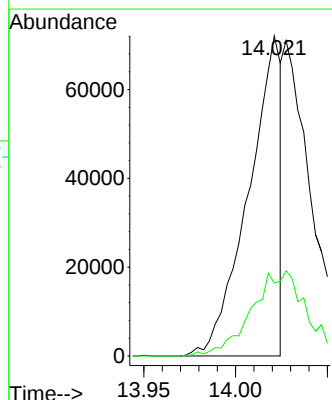
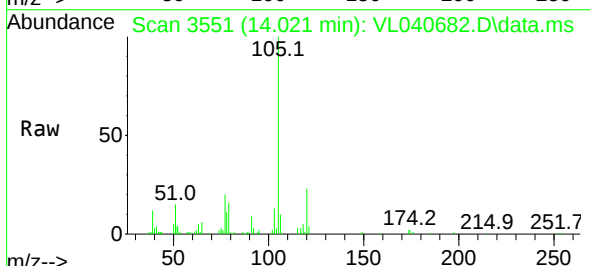
Acq: 14 Sep 2023 13:08

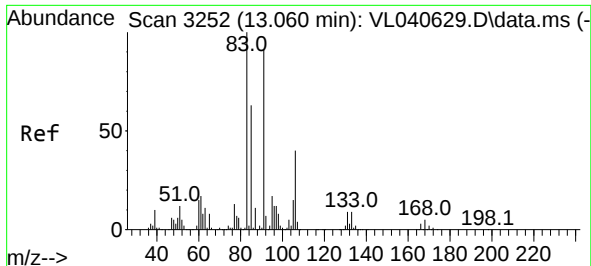
Tgt Ion:105 Resp: 89230

Ion Ratio Lower Upper

105 100

120 0.0 20.2 30.4#

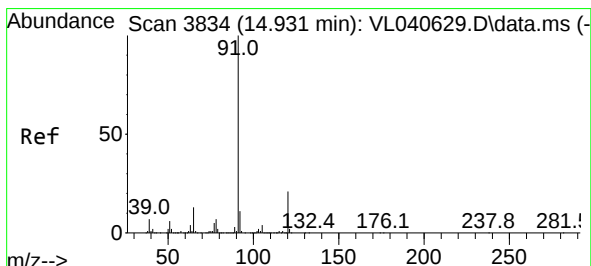
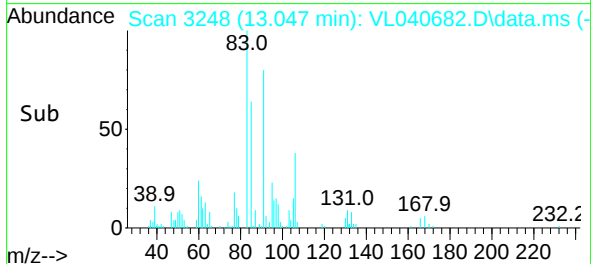
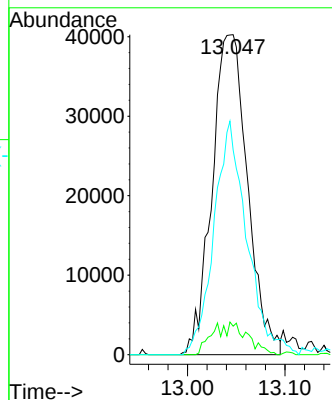
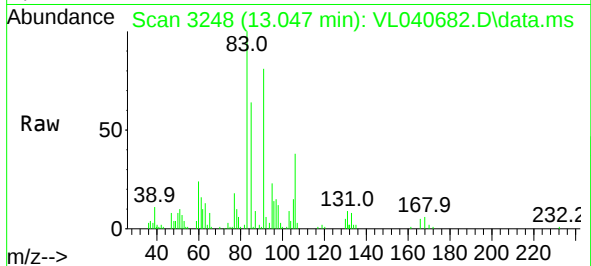




#63
1,1,2,2-Tetrachloroethane
Concen: 0.551 ppbv
RT: 13.047 min Scan# 31
Delta R.T. 0.007 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

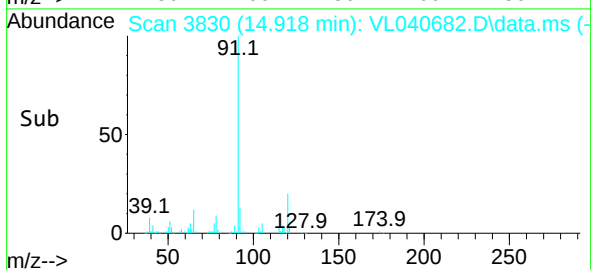
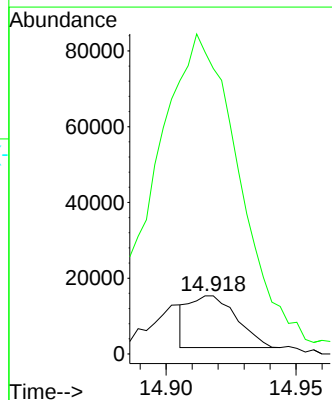
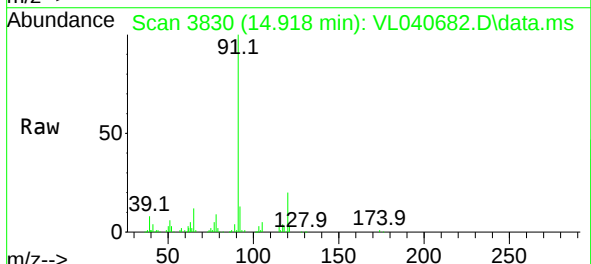
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

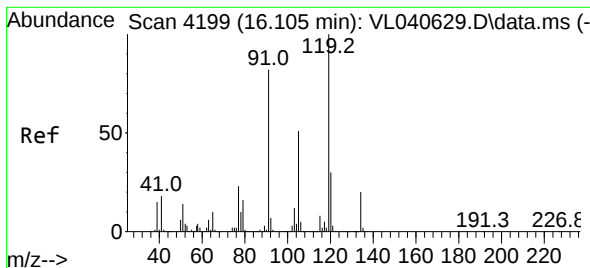
Tgt Ion: 83 Resp: 101969
Ion Ratio Lower Upper
83 100
131 9.9 4.7 14.1
85 67.5 33.1 99.3



#64
n-propylbenzene
Concen: 0.194 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.007 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion: 120 Resp: 17319
Ion Ratio Lower Upper
120 100
91 1170.7 386.9 580.3#





#65

tert-Butylbenzene

Concen: 0.416 ppbv

RT: 16.089 min Scan# 4199

Delta R.T. 0.003 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

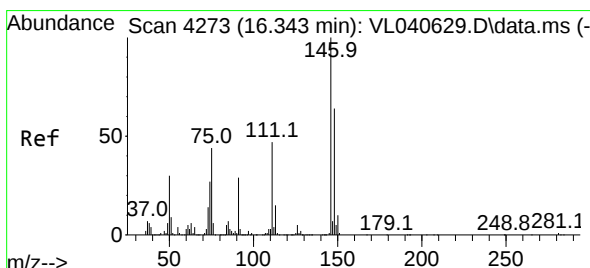
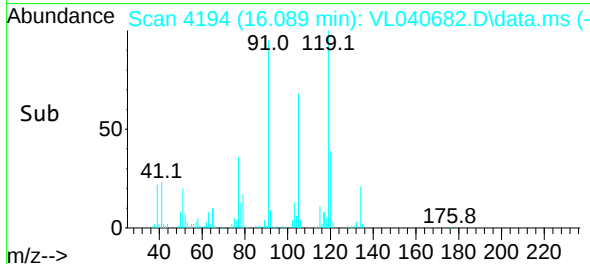
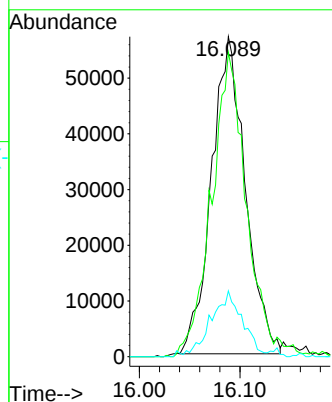
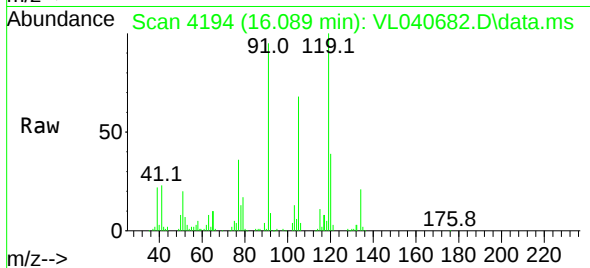
Tgt Ion:119 Resp: 133112

Ion Ratio Lower Upper

119 100

91 100.3 69.8 104.8

134 20.0 15.4 23.2



#66

Benzyl Chloride

Concen: 0.063 ppbv

RT: 16.317 min Scan# 4265

Delta R.T. -0.006 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

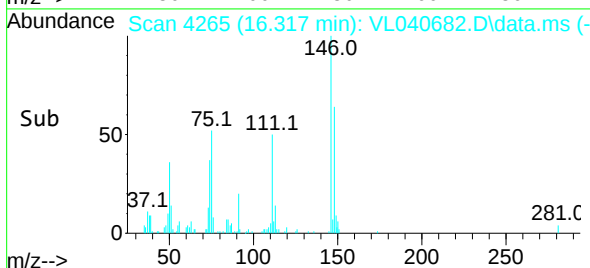
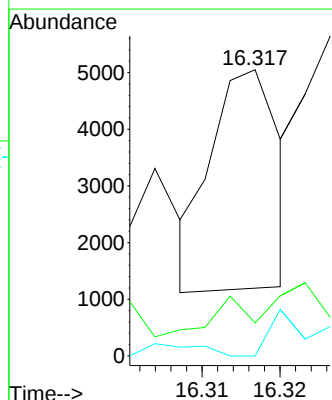
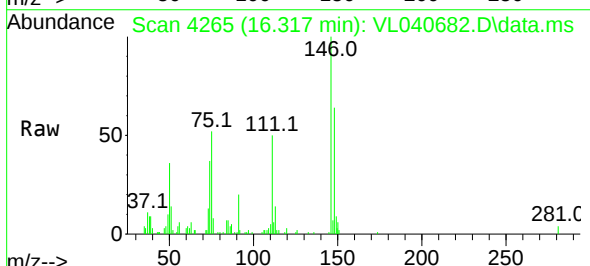
Tgt Ion: 91 Resp: 2348

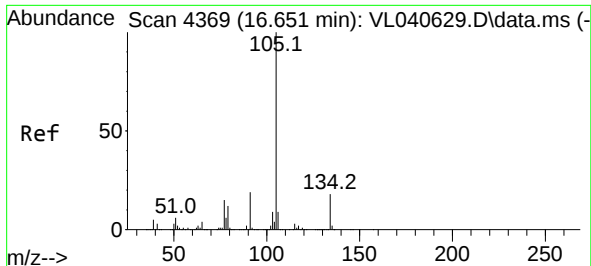
Ion Ratio Lower Upper

91 100

126 0.0 13.6 20.4#

128 29.1 4.4 6.6#

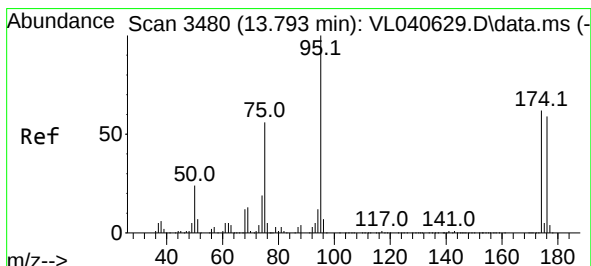
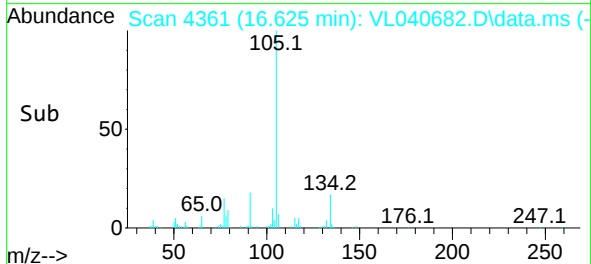
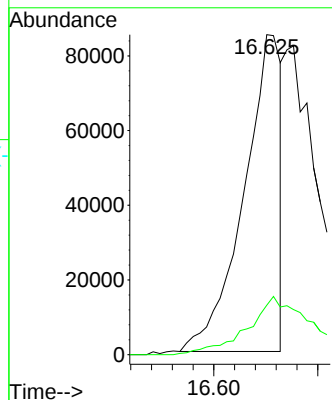
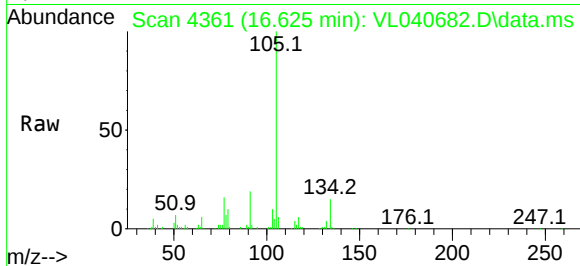




#67
 sec-Butylbenzene
 Concen: 0.230 ppbv
 RT: 16.625 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

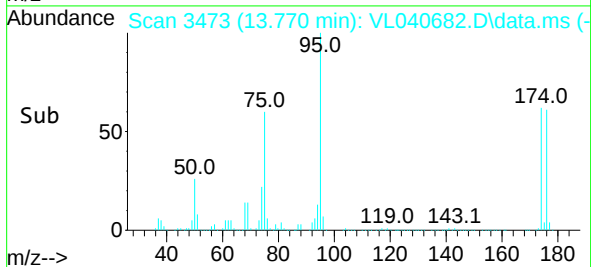
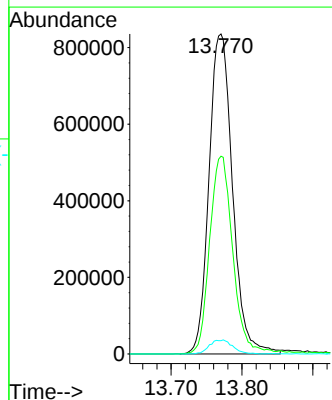
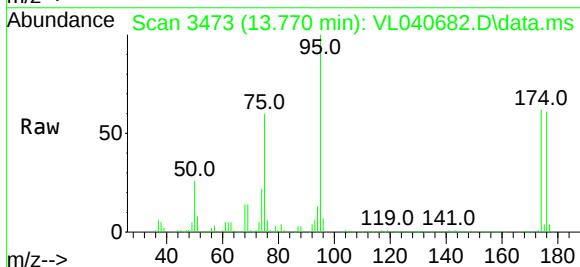
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

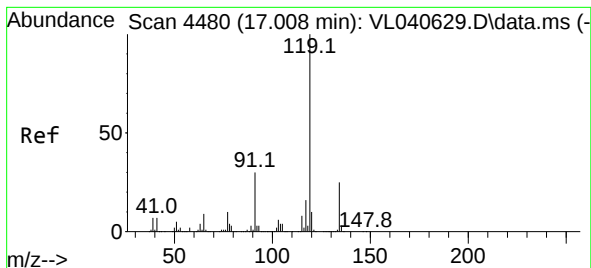
Tgt Ion:105 Resp: 105331
 Ion Ratio Lower Upper
 105 100
 134 32.3 14.1 21.1#



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.800 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL040682.D
 Acq: 14 Sep 2023 13:08

Tgt Ion: 95 Resp: 1928099
 Ion Ratio Lower Upper
 95 100
 174 61.4 48.9 73.3
 175 4.4 3.5 5.3





#69

p-Isopropyltoluene

Concen: 0.408 ppbv

RT: 16.992 min Scan# 4480

Delta R.T. 0.000 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_1

ClientSampleId :

VSTDICC0.5

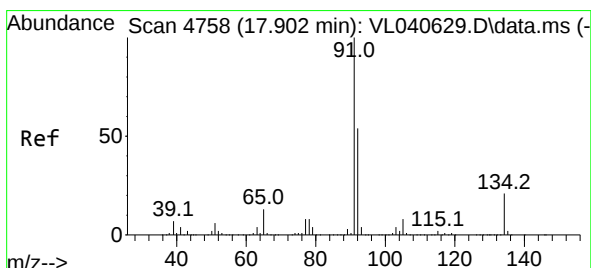
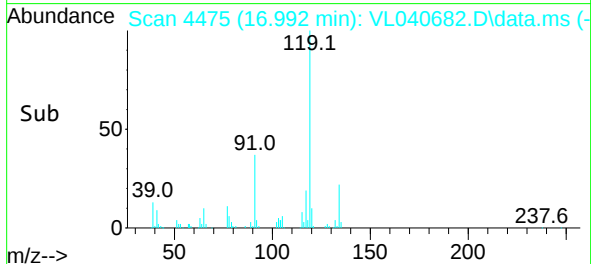
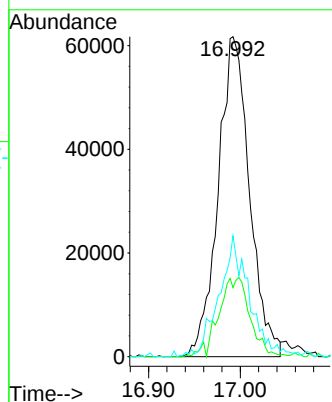
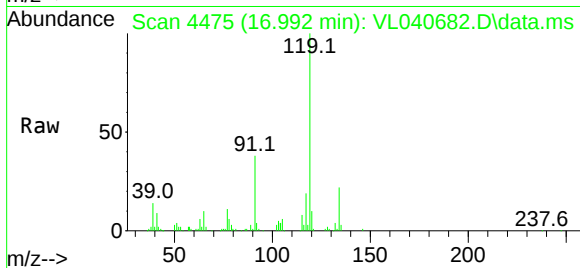
Tgt Ion:119 Resp: 146613

Ion Ratio Lower Upper

119 100

134 25.0 20.2 30.2

91 36.9 25.0 37.6



#70

n-Butylbenzene

Concen: 0.395 ppbv

RT: 17.886 min Scan# 4753

Delta R.T. 0.003 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

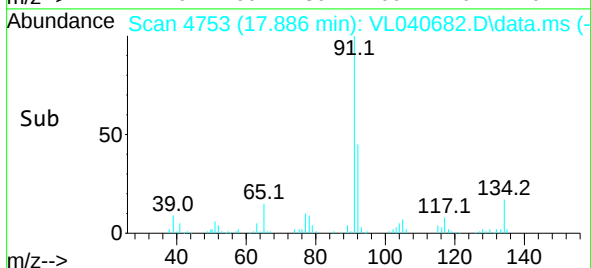
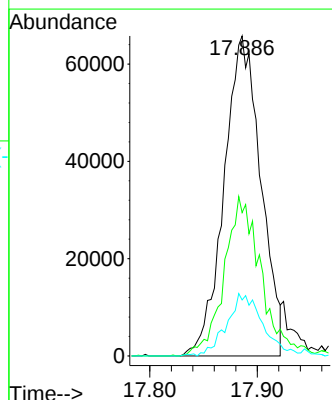
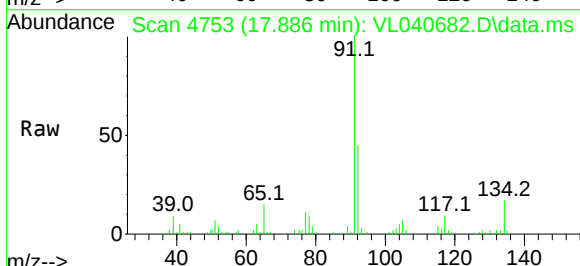
Tgt Ion: 91 Resp: 156389

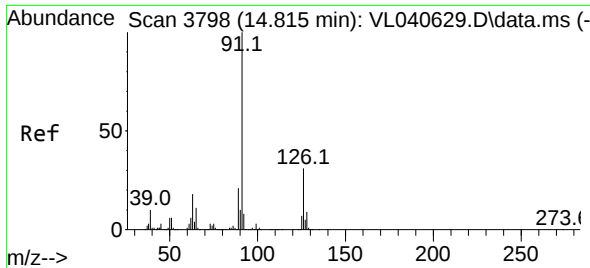
Ion Ratio Lower Upper

91 100

92 50.7 42.7 64.1

134 19.7 17.0 25.4

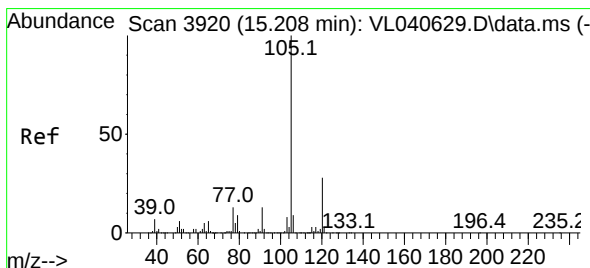
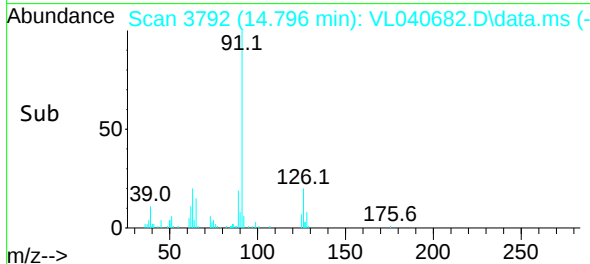
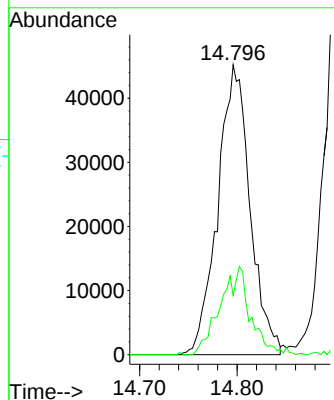
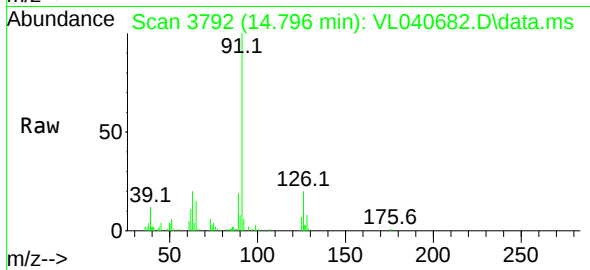




#71
2-Chlorotoluene
Concen: 0.394 ppbv
RT: 14.796 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

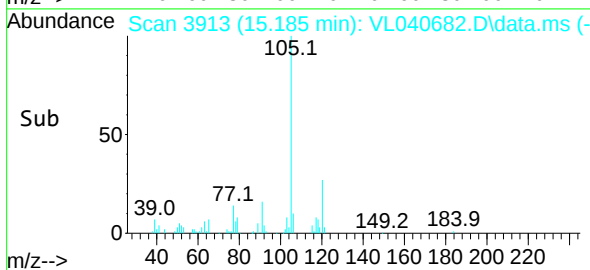
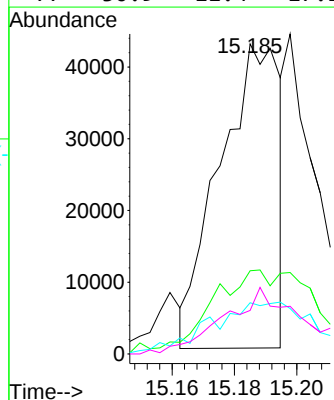
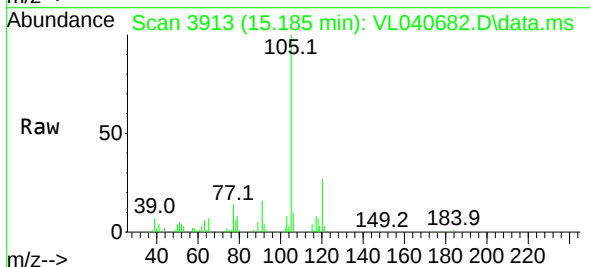
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

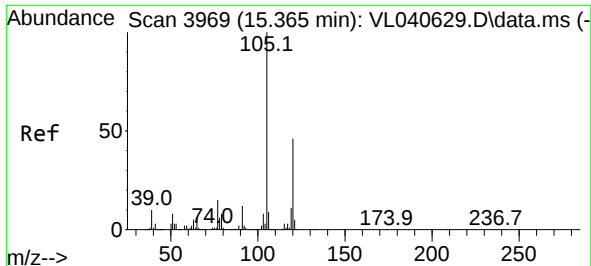
Tgt Ion: 91 Resp: 103929
Ion Ratio Lower Upper
91 100
126 28.6 12.0 47.8



#72
4-Ethyltoluene
Concen: 0.215 ppbv
RT: 15.185 min Scan# 3913
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion:105 Resp: 56826
Ion Ratio Lower Upper
105 100
120 51.7 23.9 35.9#
91 0.0 11.0 16.4#
77 30.9 11.4 17.2#

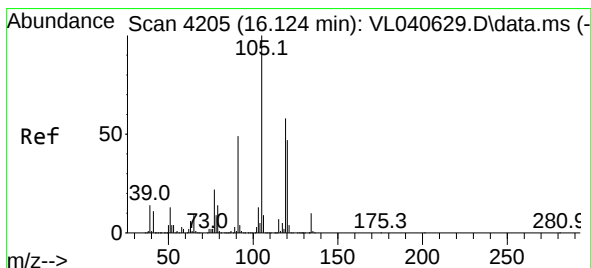
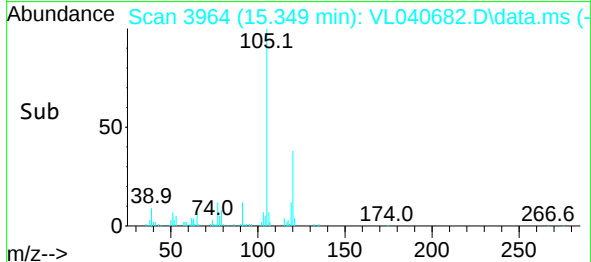
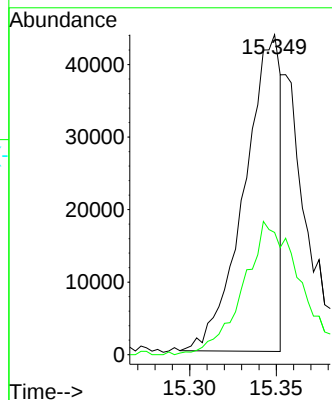
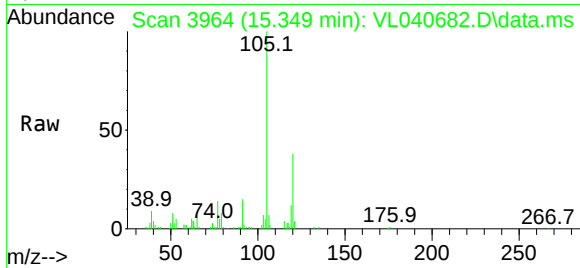




#73
1,3,5-Trimethylbenzene
Concen: 0.265 ppbv
RT: 15.349 min Scan# 3969
Delta R.T. 0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

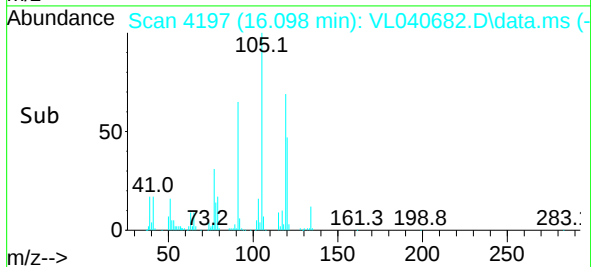
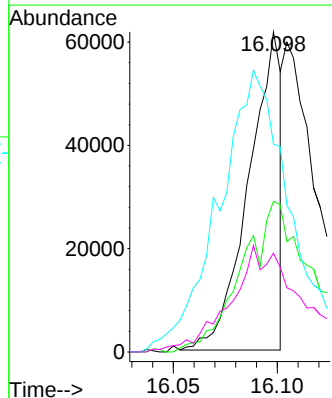
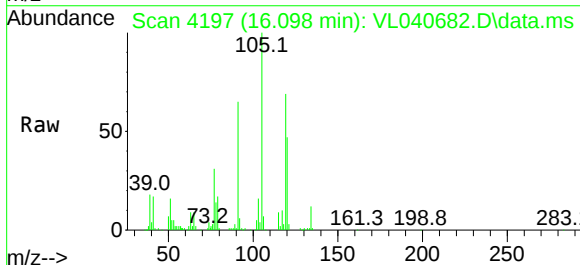
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

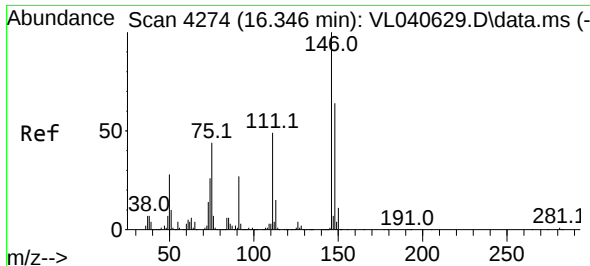
Tgt Ion:105 Resp: 63034
Ion Ratio Lower Upper
105 100
120 38.2 36.1 54.1



#74
1,2,4-Trimethylbenzene
Concen: 0.230 ppbv
RT: 16.098 min Scan# 4197
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion:105 Resp: 66801
Ion Ratio Lower Upper
105 100
120 46.1 38.6 57.8
91 55.4 50.0 75.0
77 28.8 20.6 31.0

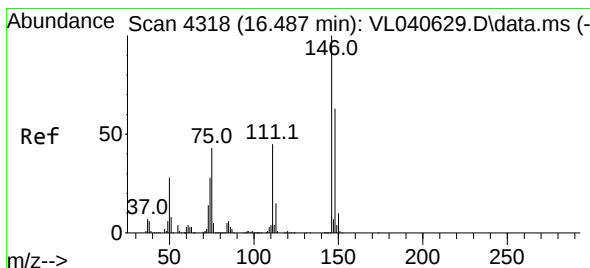
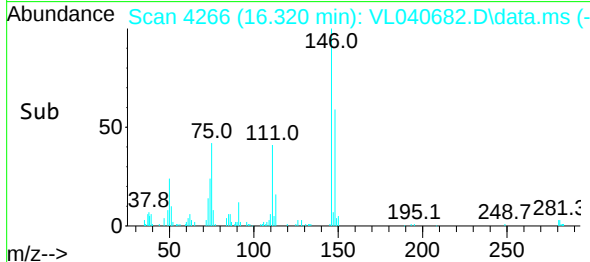
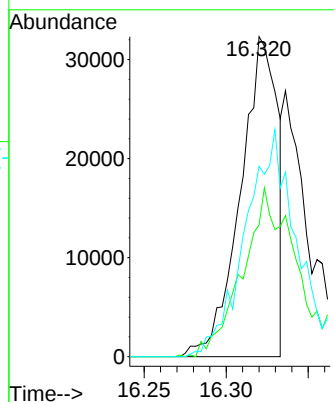
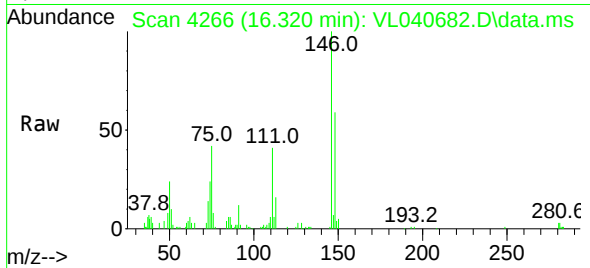




#75
1,3-Dichlorobenzene
Concen: 0.306 ppbv
RT: 16.320 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

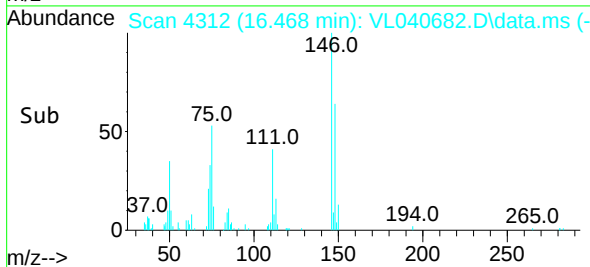
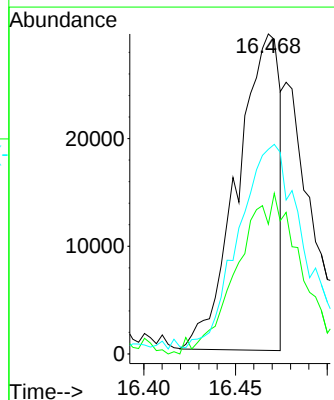
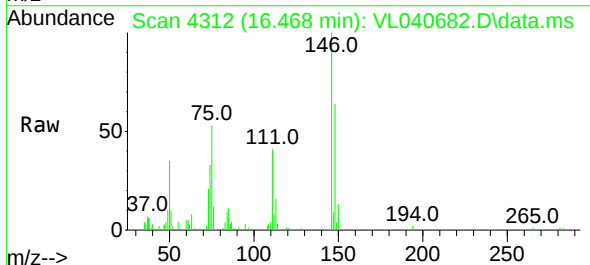
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

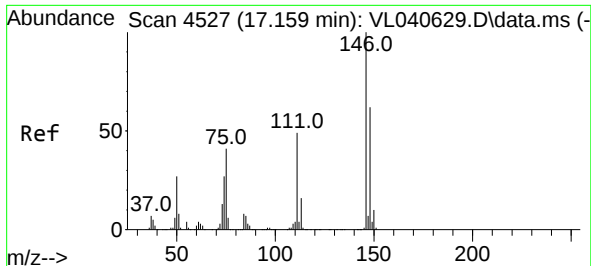
Tgt Ion:146 Resp: 50620
Ion Ratio Lower Upper
146 100
111 82.8 23.9 71.7#
148 0.0 31.8 95.4#



#76
1,4-Dichlorobenzene
Concen: 0.290 ppbv
RT: 16.468 min Scan# 4312
Delta R.T. 0.000 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion:146 Resp: 47279
Ion Ratio Lower Upper
146 100
111 82.2 23.8 71.2#
148 110.0 32.6 97.7#

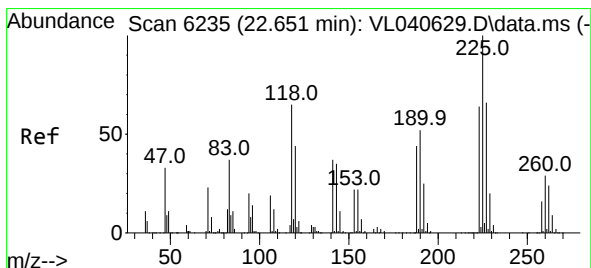
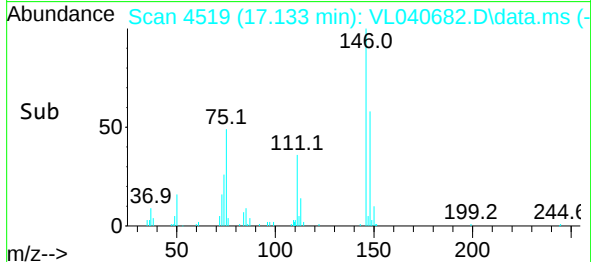
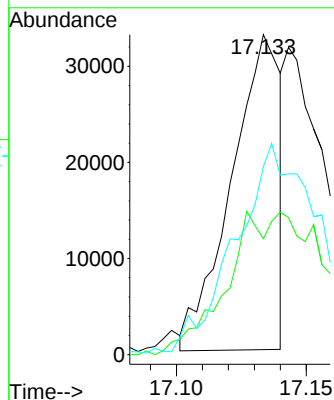
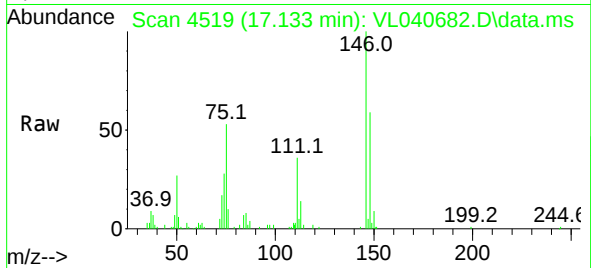




#77
1,2-Dichlorobenzene
Concen: 0.259 ppbv
RT: 17.133 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

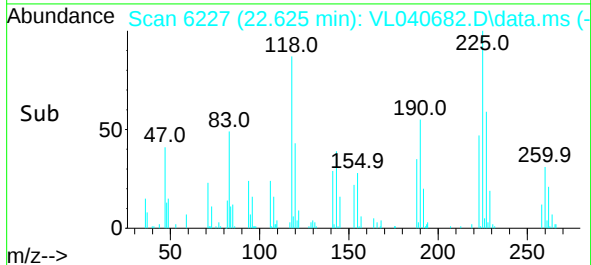
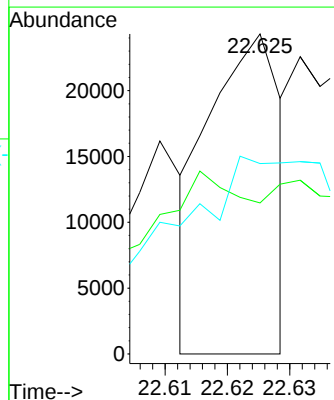
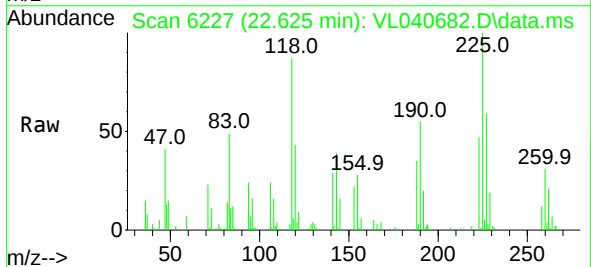
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

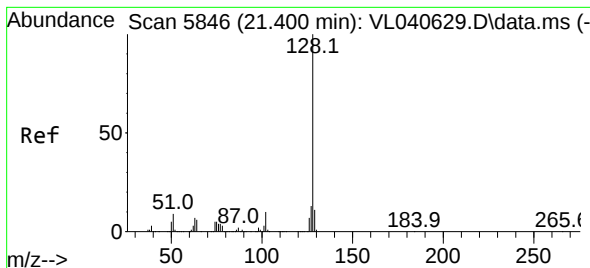
Tgt Ion:146 Resp: 42756
Ion Ratio Lower Upper
146 100
111 99.2 25.0 75.0#
148 128.6 32.4 97.0#



#78
Hexachloro-1,3-Butadiene
Concen: 0.158 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. -0.003 min
Lab File: VL040682.D
Acq: 14 Sep 2023 13:08

Tgt Ion:225 Resp: 19746
Ion Ratio Lower Upper
225 100
223 217.1 51.2 76.8#
227 228.3 50.7 76.1#





#79

Naphthalene

Concen: 0.186 ppbv

RT: 21.384 min Scan# 5846

Delta R.T. 0.007 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

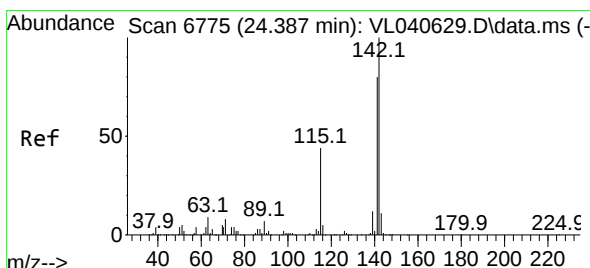
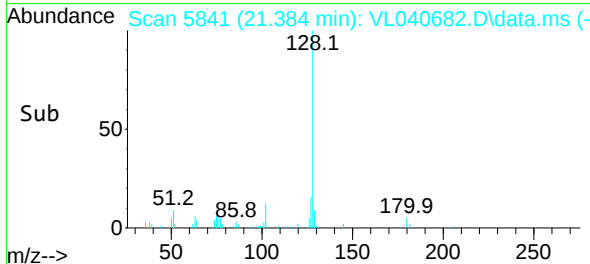
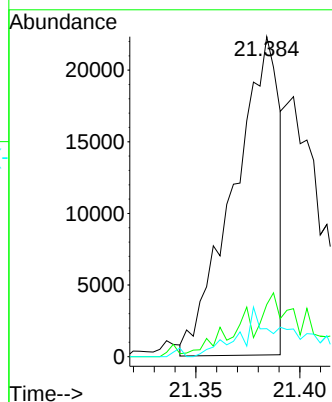
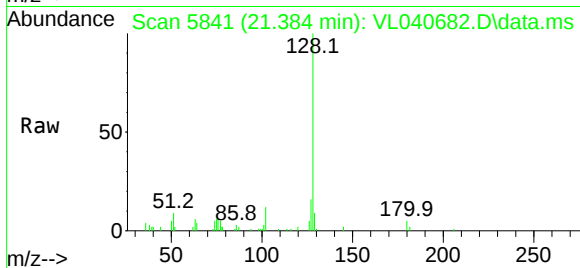
Tgt Ion:128 Resp: 33653

Ion Ratio Lower Upper

128 100

127 16.4 9.8 14.6#

129 6.5 8.4 12.6#



#80

Naphthalene,2-methyl-

Concen: 0.219 ppbv

RT: 24.371 min Scan# 6770

Delta R.T. -0.003 min

Lab File: VL040682.D

Acq: 14 Sep 2023 13:08

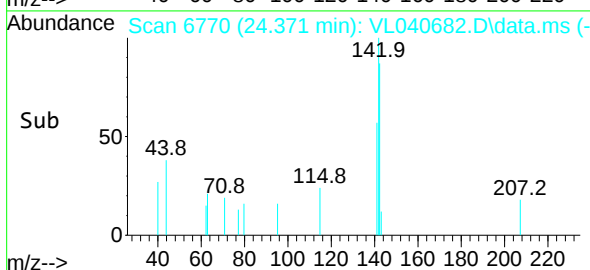
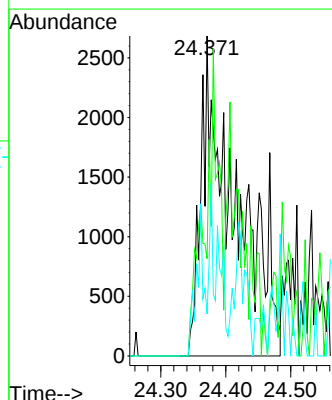
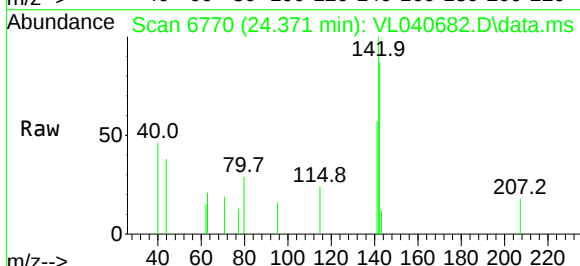
Tgt Ion:142 Resp: 9707

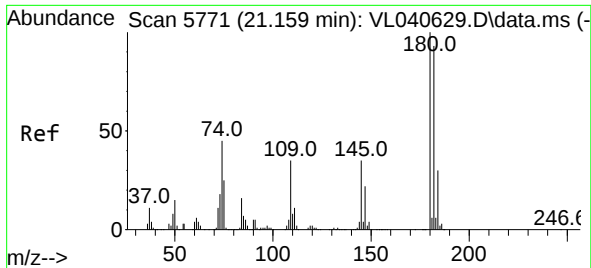
Ion Ratio Lower Upper

142 100

141 38.8 67.0 100.6#

115 41.3 37.4 56.2





#81

1,2,4-Trichlorobenzene

Concen: 0.039 ppbv

RT: 21.130 min Scan# 51

Delta R.T. -0.006 min

Lab File: VL040682.D

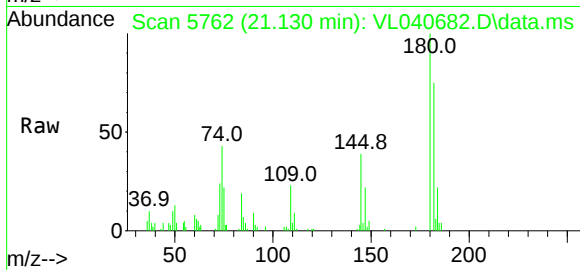
Acq: 14 Sep 2023 13:08

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:180 Resp: 4593

Ion Ratio Lower Upper

180 100

182 0.0 77.9 116.9#

184 0.0 24.4 36.6#

