

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080423\
 Data File : VL040586.D
 Acq On : 4 Aug 2023 10:02
 Operator : SY/MD
 Sample : VL0804ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABS01

Quant Time: Aug 05 01:07:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1218921	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.652	114	2993415	10.000	ppbv	-0.01
55) Chlorobenzene-d5	11.468	117	3556963	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2454882	8.720	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.719	85	2235586	9.169	ppbv	99
3) Chlorodifluoromethane	2.665	51	1747121	9.043	ppbv	95
4) Chloromethane	2.803	50	680830	8.895	ppbv	94
5) Vinyl Chloride	2.912	62	752231	9.360	ppbv	97
6) Bromomethane	3.111	94	318448	9.388	ppbv	97
7) Chloroethane	3.189	64	274630	9.739	ppbv	98
8) Dichlorotetrafluoroethane	2.848	85	1900829	9.476	ppbv	99
9) Propene	2.684	41	533086	8.060	ppbv	97
10) Heptane	7.581	43	1365088	9.347	ppbv	100
11) Trichlorofluoromethane	3.555	101	2024313	10.289	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.060	101	1439430	10.389	ppbv	93
13) Ethanol	3.234	45	117779	8.184	ppbv	99
14) Bromoethene	3.359	108	598772	10.050	ppbv	99
15) Acetone	3.459	43	1280599	9.127	ppbv	98
16) 1,3-Butadiene	2.976	39	676646	9.559	ppbv	99
17) tert-Butyl alcohol	3.870	59	1496116	10.309	ppbv	99
18) 1,1-Dichloroethene	3.874	96	652927	10.250	ppbv	99
19) Isopropyl Alcohol	3.568	45	828565	10.287	ppbv	# 96
20) Methylene Chloride	3.925	84	576798	9.665	ppbv	97
21) Allyl Chloride	3.989	41	771657	9.631	ppbv	94
22) trans-1,2-Dichloroethene	4.439	96	650502	10.351	ppbv	97
23) Vinyl Acetate	4.619	43	1322070	9.891	ppbv	99
24) 1,1-Dichloroethane	4.558	63	1344108	9.907	ppbv	98
25) Ethyl Acetate	5.201	43	2448647	9.167	ppbv	99
26) Hexane	5.208	57	1093631	8.813	ppbv	97
27) Carbon Disulfide	4.118	76	1625966	11.139	ppbv	100
28) Methyl tert-Butyl Ether	4.581	73	952418	9.533	ppbv	99
29) Chloroform	5.272	83	1926335	9.359	ppbv	97
30) Cyclohexane	6.597	84	904202	8.757	ppbv	97
31) cis-1,2-Dichloroethene	5.076	61	1124886	9.171	ppbv	96
32) 1,1,1-Trichloroethane	6.002	97	1942832	9.647	ppbv	99
34) 2-Butanone	4.780	43	1471334	9.947	ppbv	98
35) Carbon Tetrachloride	6.491	117	2013222	11.175	ppbv	100
36) Benzene	6.369	78	2228028	9.250	ppbv	97
37) 1,2-Dichloroethane	5.806	62	1495079	10.551	ppbv	97
38) Trichloroethene	7.291	130	907287	9.959	ppbv	94
39) 1,2-Dichloropropane	7.073	63	872360	9.409	ppbv	92
40) 1,4-Dioxane	7.285	88	298307	10.286	ppbv	# 28
41) Tetrahydrofuran	5.552	42	808904	9.371	ppbv	99
42) Bromodichloromethane	7.246	83	2110801	10.711	ppbv	99
43) Methyl Methacrylate	7.471	69	922941	10.238	ppbv	95
44) 2,2,4-Trimethylpentane	7.327	57	3743288	9.660	ppbv	96
45) t-1,3-Dichloropropene	8.713	75	626490	10.833	ppbv	95

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 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	752163	10.137	ppbv	97
47) 1,1,2-Trichloroethane	8.899	97	976482	9.545	ppbv	100
48) Dibromochloromethane	9.713	129	1691240	10.693	ppbv	99
49) Bromoform	12.407	173	1394470	11.121	ppbv	99
50) 4-Methyl-2-Pentanone	8.182	43	2249305	10.466	ppbv	96
51) 2-Hexanone	9.549	43	1594663	10.493	ppbv #	97
52) Tetrachloroethene	10.616	164	774576	9.931	ppbv	95
53) Toluene	9.224	91	2617326	10.004	ppbv	99
54) 1,2-Dibromoethane	10.012	107	1265896	9.956	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.510	131	1264244	7.936	ppbv	97
57) Chlorobenzene	11.529	112	2083368	7.510	ppbv	95
58) Ethyl Benzene	12.092	91	3611315	8.090	ppbv	99
59) m/p-Xylene	12.375	91	3581694	8.990	ppbv #	49
60) o-Xylene	13.063	91	3129561	8.246	ppbv	98
61) Styrene	12.899	104	1506278	8.604	ppbv	97
62) Isopropylbenzene	14.034	105	4477694	7.871	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.050	83	2214661	8.332	ppbv	99
64) n-propylbenzene	14.921	120	1157143	7.862	ppbv	92
65) tert-Butylbenzene	16.095	119	3984409	7.912	ppbv	96
66) Benzyl Chloride	16.330	91	335664	9.422	ppbv	96
67) sec-Butylbenzene	16.638	105	5727843	7.741	ppbv	99
69) p-Isopropyltoluene	16.998	119	4653710	7.611	ppbv	98
70) n-Butylbenzene	17.889	91	5209287	7.639	ppbv	99
71) 2-Chlorotoluene	14.802	91	3532016	8.056	ppbv	98
72) 4-Ethyltoluene	15.195	105	3631736	8.163	ppbv	97
73) 1,3,5-Trimethylbenzene	15.355	105	3167572	8.077	ppbv	96
74) 1,2,4-Trimethylbenzene	16.111	105	3568577	7.805	ppbv	97
75) 1,3-Dichlorobenzene	16.336	146	2035957	7.344	ppbv	99
76) 1,4-Dichlorobenzene	16.478	146	1981727	7.291	ppbv	97
77) 1,2-Dichlorobenzene	17.146	146	1946254	7.342	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	791219	3.178	ppbv #	37
79) Naphthalene	21.384	128	2857625	7.387	ppbv	99
80) Naphthalene,2-methyl-	24.378	142	812261	5.092	ppbv	97
81) 1,2,4-Trichlorobenzene	21.143	180	1682863	6.313	ppbv	100

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

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 ClientSampleId :
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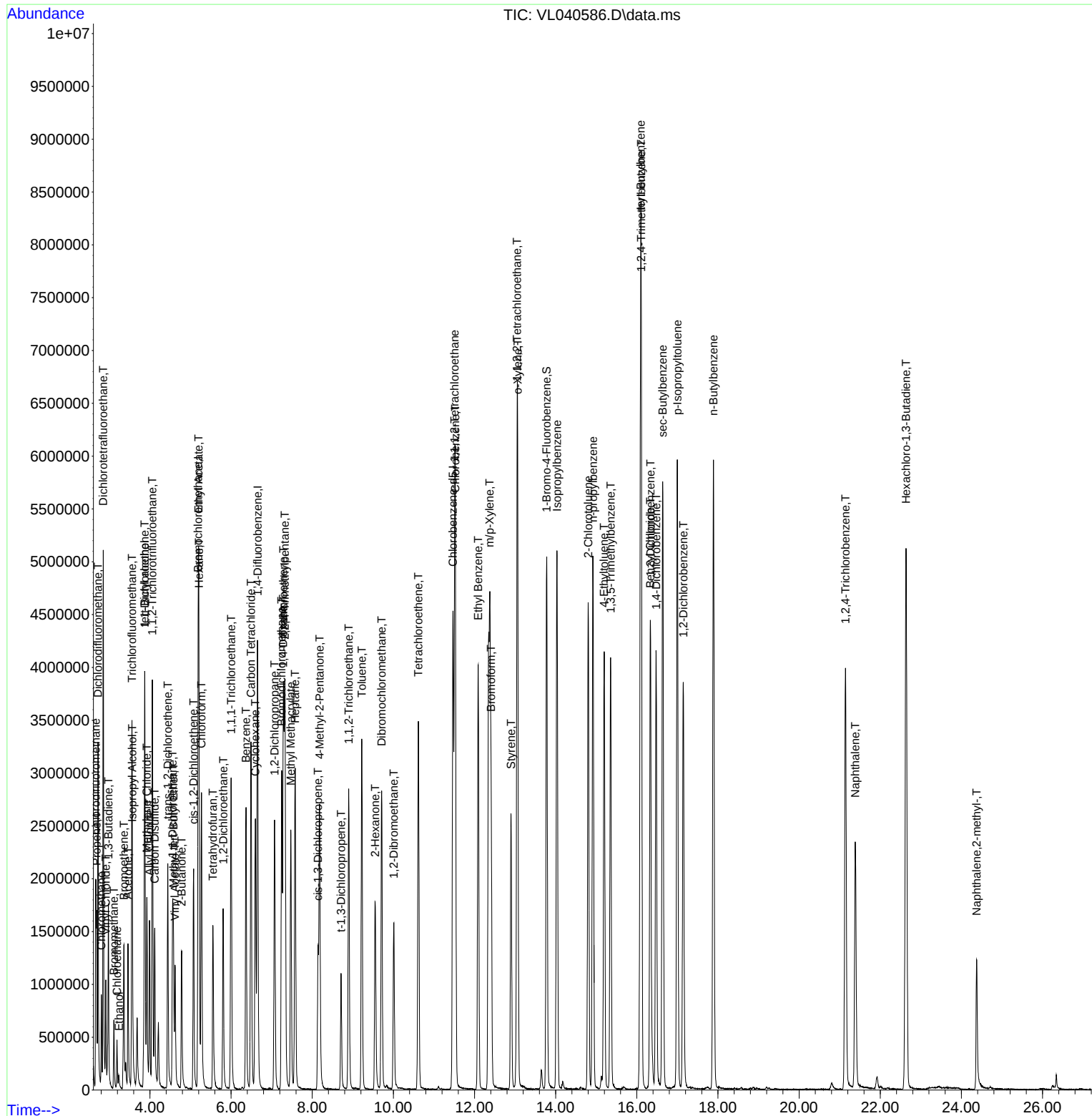
Quant Time: Aug 05 01:07:10 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

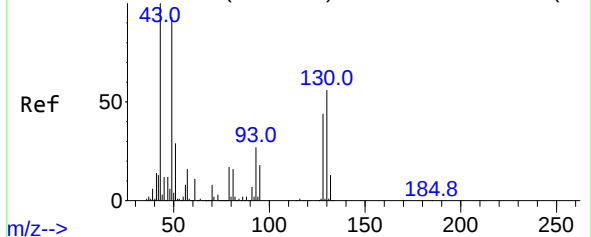
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022

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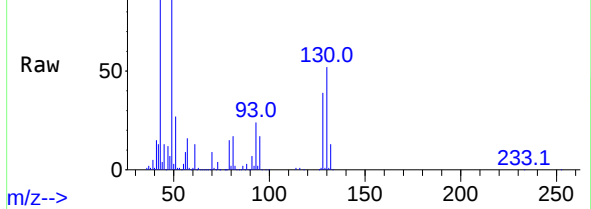


Abundance Scan 804 (5.189 min): VL040455.D\data.ms (-78



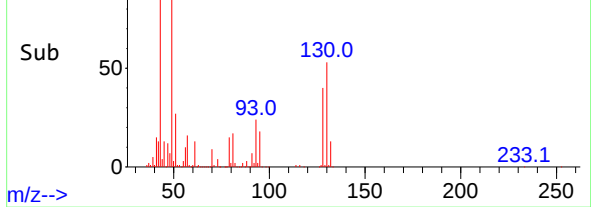
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Abundance Scan 804 (5.189 min): VL040586.D\data.ms



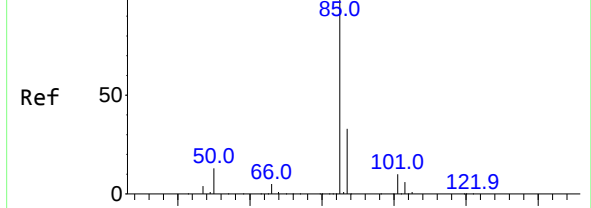
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Abundance Scan 804 (5.189 min): VL040586.D\data.ms (-65



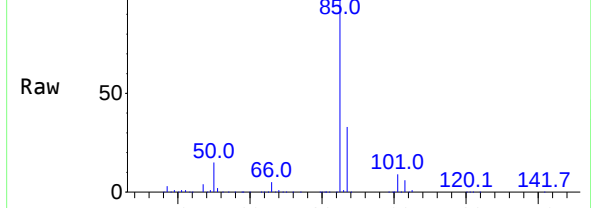
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Abundance Scan 35 (2.716 min): VL040455.D\data.ms (-25)



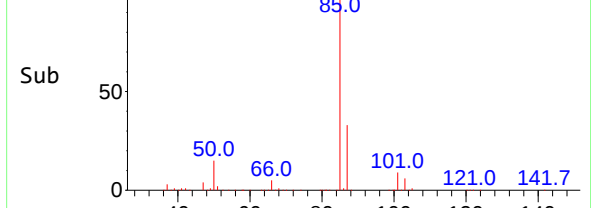
m/z-->

Abundance Scan 36 (2.719 min): VL040586.D\data.ms



m/z-->

Abundance Scan 36 (2.719 min): VL040586.D\data.ms (-1)



m/z-->

#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.189 min Scan# 80

Delta R.T. -0.013 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Tgt Ion: 49 Resp: 1218921

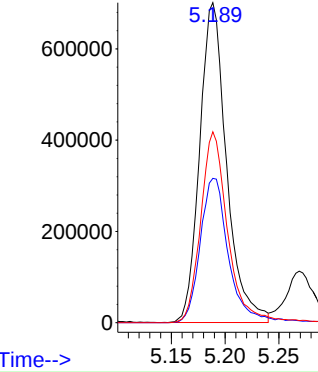
Ion Ratio Lower Upper

49 100

128 48.5 25.1 75.4

130 61.0 31.6 94.7

Abundance



Time-->

#2

Dichlorodifluoromethane

Concen: 9.169 ppbv

RT: 2.719 min Scan# 36

Delta R.T. -0.019 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

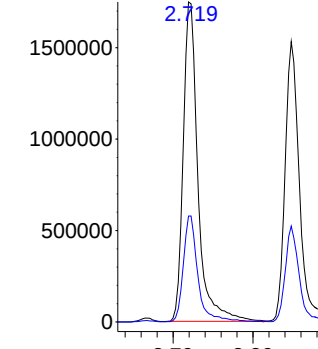
Tgt Ion: 85 Resp: 2235586

Ion Ratio Lower Upper

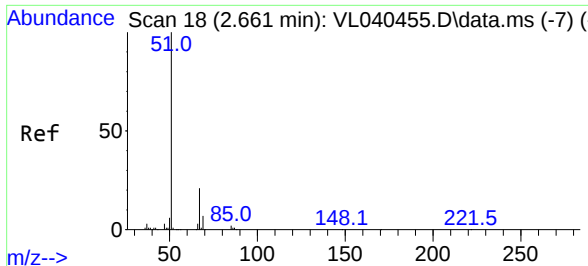
85 100

87 33.1 26.8 40.2

Abundance



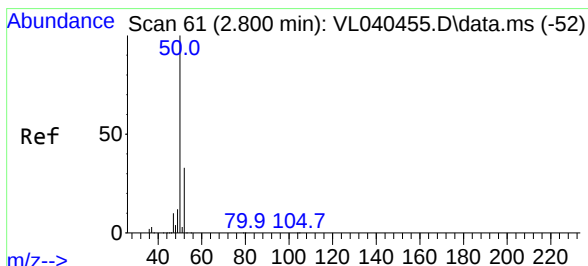
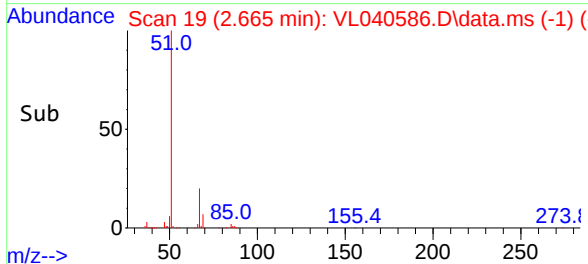
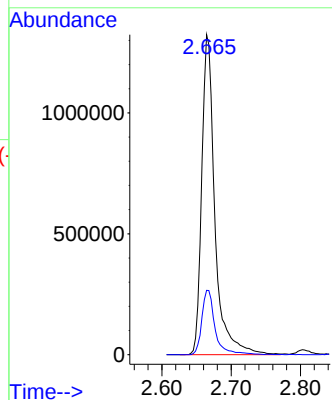
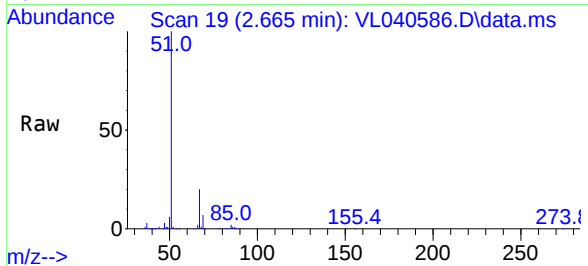
Time-->



#3
Chlorodifluoromethane
Concen: 9.043 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.019 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

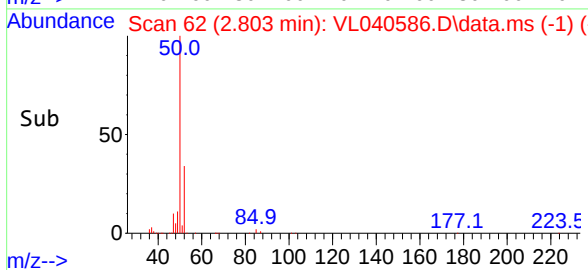
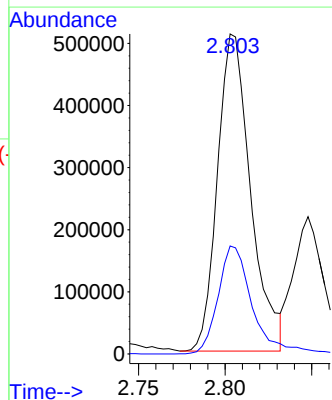
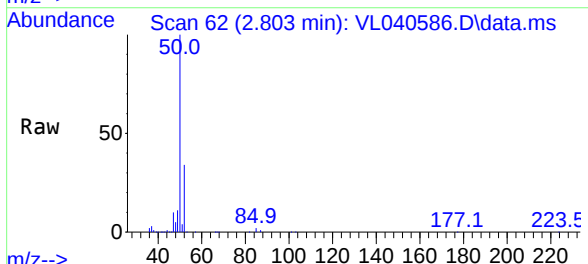
Instrument :
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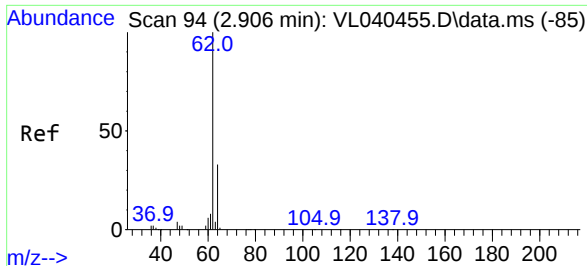
Tgt Ion: 51 Resp: 1747121
Ion Ratio Lower Upper
51 100
67 20.3 14.6 21.8



#4
Chloromethane
Concen: 8.895 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.019 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 50 Resp: 680830
Ion Ratio Lower Upper
50 100
52 34.0 24.4 36.6

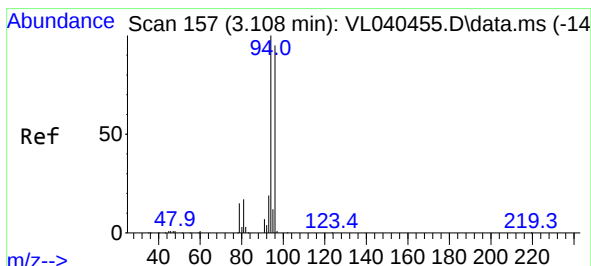
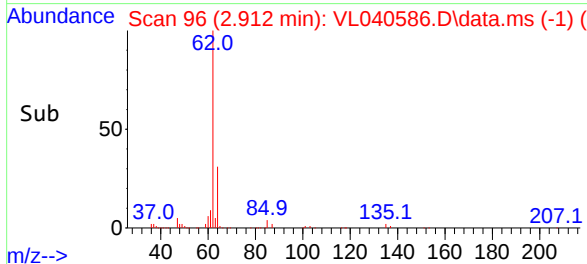
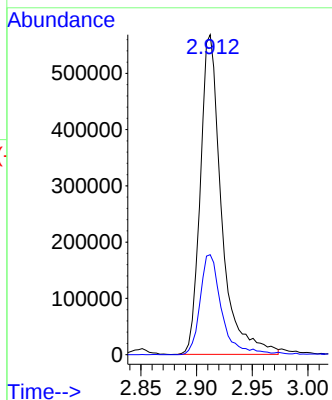
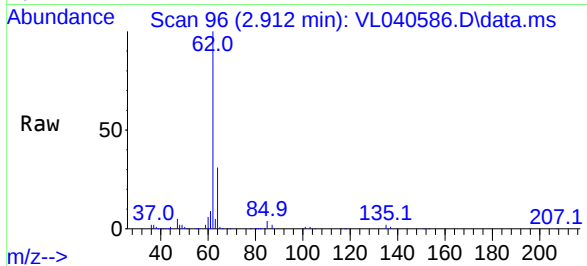




#5
 Vinyl Chloride
 Concen: 9.360 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.016 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

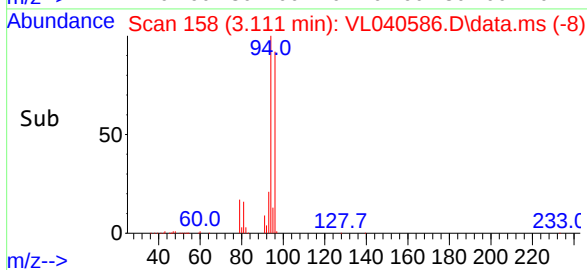
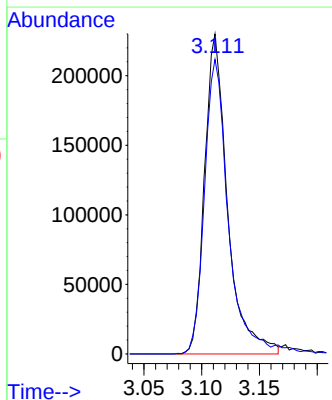
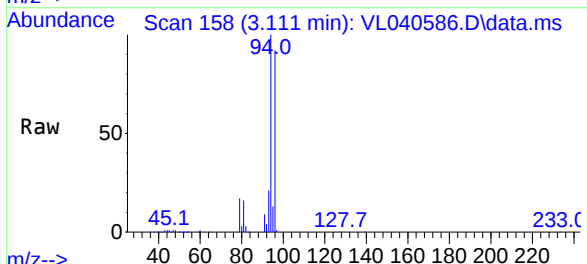
Instrument :
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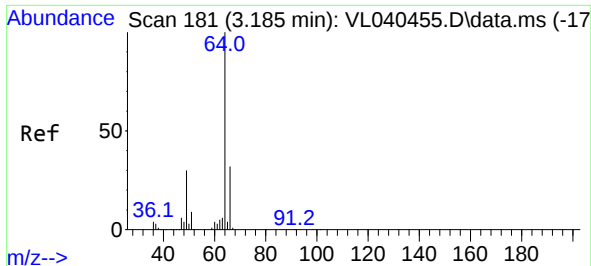
Tgt Ion: 62 Resp: 752231
 Ion Ratio Lower Upper
 62 100
 64 31.3 26.4 39.6



#6
 Bromomethane
 Concen: 9.388 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.016 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

Tgt Ion: 94 Resp: 318448
 Ion Ratio Lower Upper
 94 100
 96 91.8 75.7 113.5

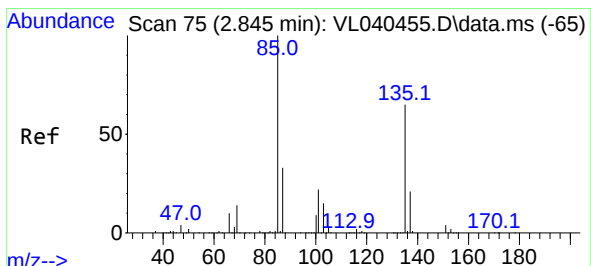
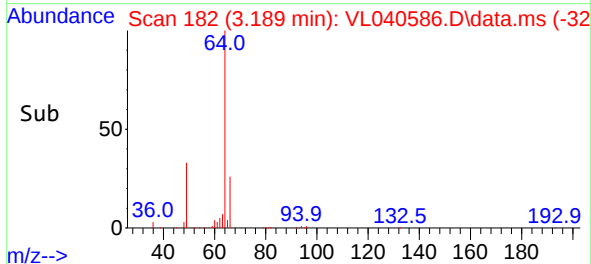
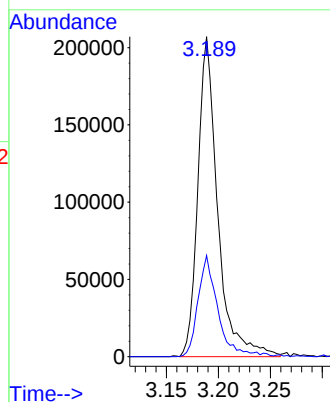
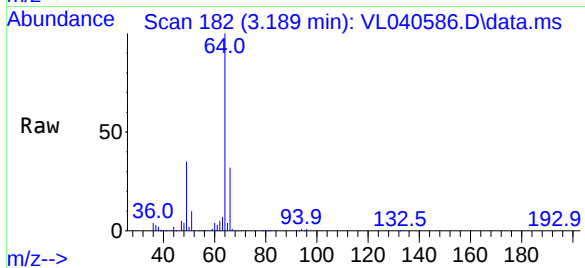




#7
Chloroethane
Concen: 9.739 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

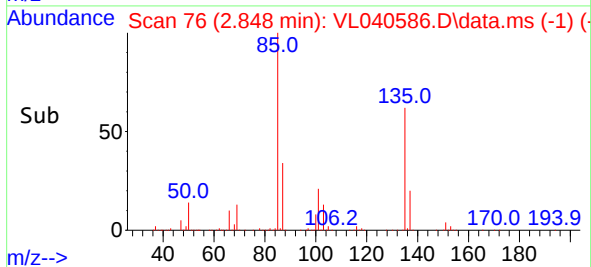
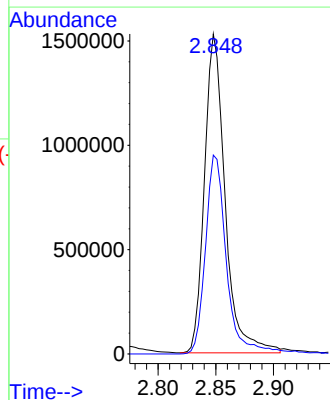
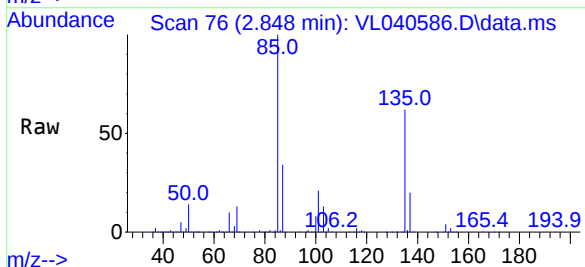
Instrument :
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VL0804ABS01

Tgt Ion: 64 Resp: 274630
Ion Ratio Lower Upper
64 100
66 31.6 24.4 36.6

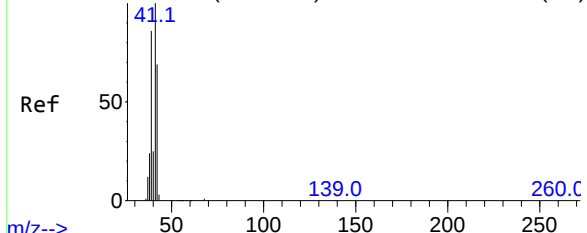


#8
Dichlorotetrafluoroethane
Concen: 9.476 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.019 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 85 Resp: 1900829
Ion Ratio Lower Upper
85 100
135 64.5 52.4 78.6



Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



#9

Propene

Concen: 8.060 ppbv

RT: 2.684 min Scan# 21

Delta R.T. -0.019 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABS01

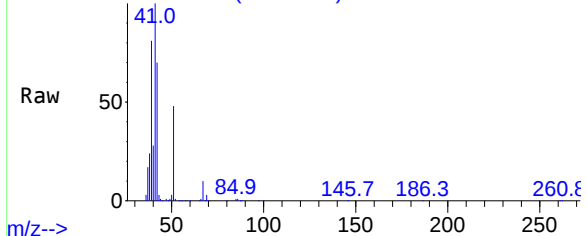
Tgt Ion: 41 Resp: 533086

Ion Ratio Lower Upper

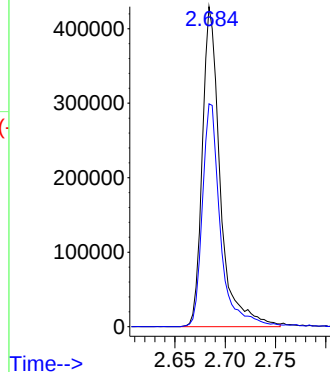
41 100

42 71.0 55.0 82.6

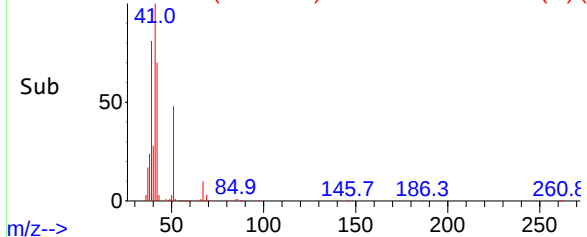
Abundance Scan 25 (2.684 min): VL040586.D\data.ms



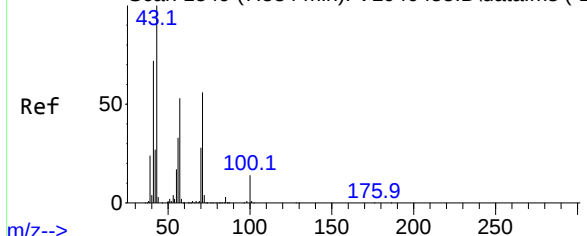
Abundance



Abundance Scan 25 (2.684 min): VL040586.D\data.ms (-1)



Abundance Scan 1549 (7.584 min): VL040455.D\data.ms (-1)



#10

Heptane

Concen: 9.347 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.010 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

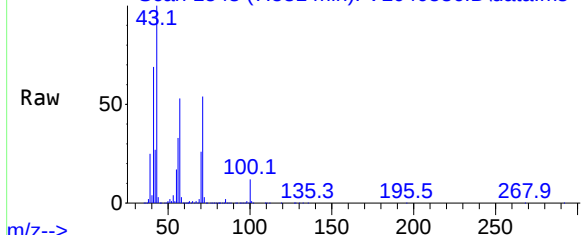
Tgt Ion: 43 Resp: 1365088

Ion Ratio Lower Upper

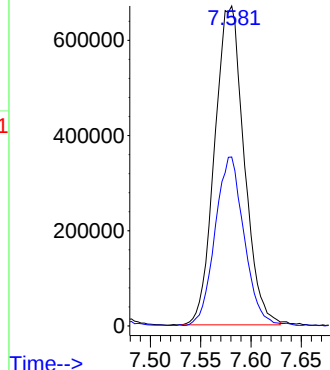
43 100

57 53.0 42.5 63.7

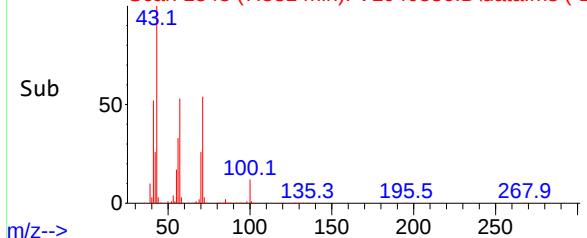
Abundance Scan 1548 (7.581 min): VL040586.D\data.ms

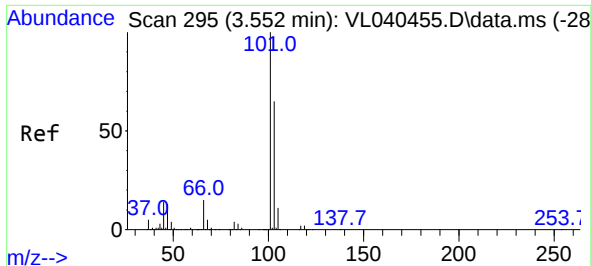


Abundance



Abundance Scan 1548 (7.581 min): VL040586.D\data.ms (-1)

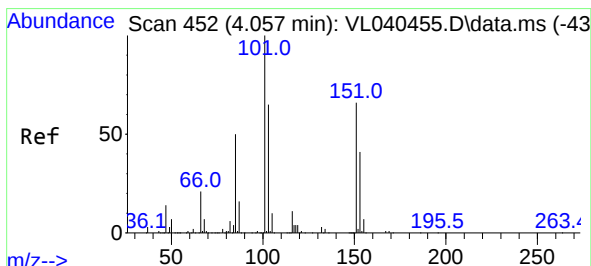
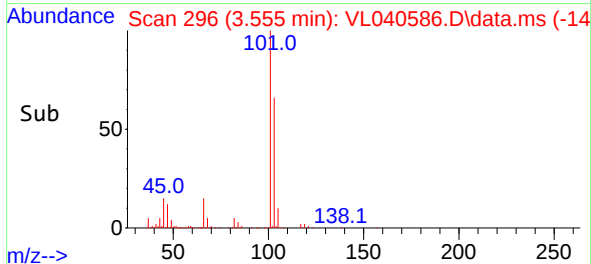
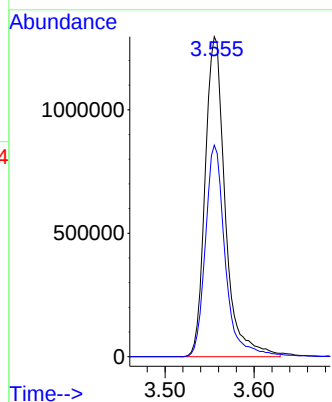
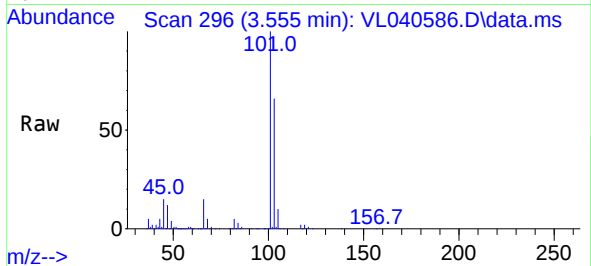




#11
Trichlorofluoromethane
Concen: 10.289 ppbv
RT: 3.555 min Scan# 295
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

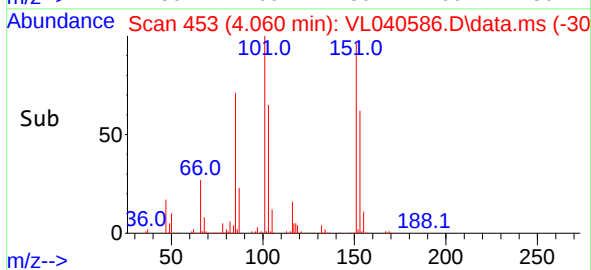
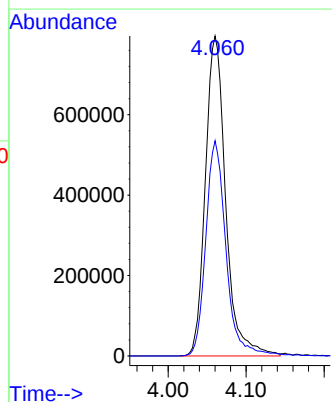
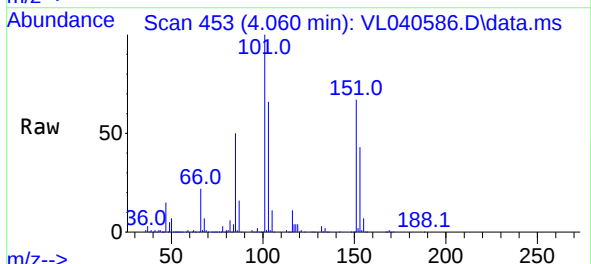
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

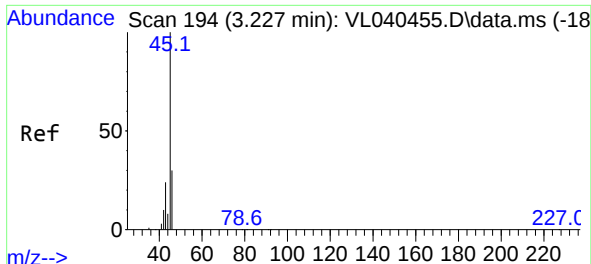
Tgt Ion:101 Resp: 2024313
Ion Ratio Lower Upper
101 100
103 66.1 53.4 80.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.389 ppbv
RT: 4.060 min Scan# 453
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion:101 Resp: 1439430
Ion Ratio Lower Upper
101 100
151 67.3 58.2 87.4





#13

Ethanol

Concen: 8.184 ppbv

RT: 3.234 min Scan# 194

Delta R.T. -0.013 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

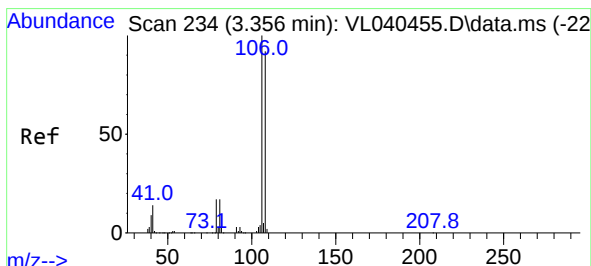
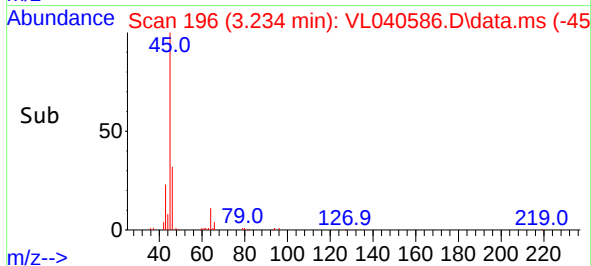
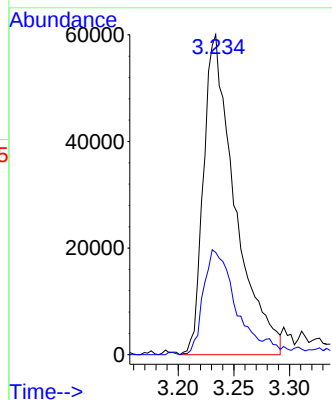
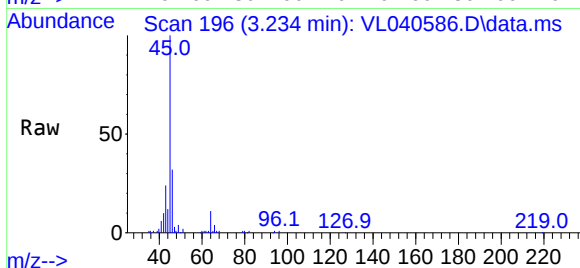
VL0804ABS01

Tgt Ion: 45 Resp: 117779

Ion Ratio Lower Upper

45 100

46 37.7 15.3 61.1



#14

Bromoethene

Concen: 10.050 ppbv

RT: 3.359 min Scan# 235

Delta R.T. -0.016 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

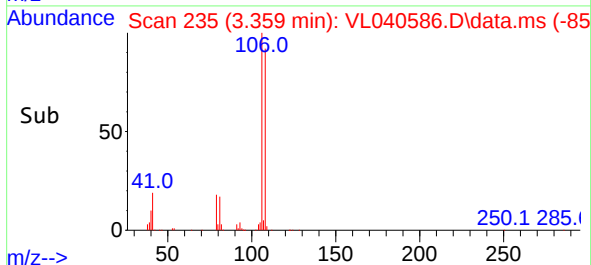
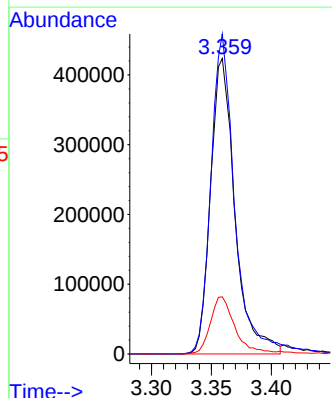
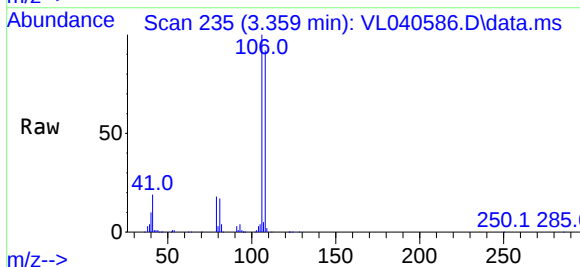
Tgt Ion: 108 Resp: 598772

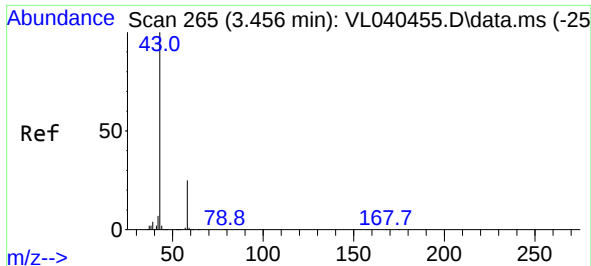
Ion Ratio Lower Upper

108 100

106 108.0 87.2 130.8

79 20.3 15.3 22.9

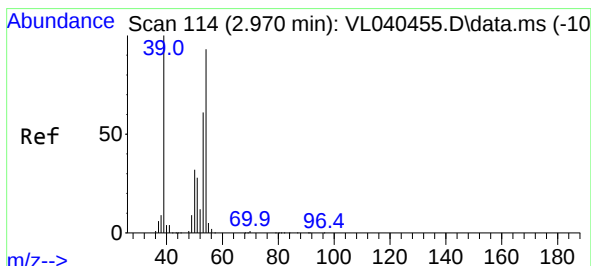
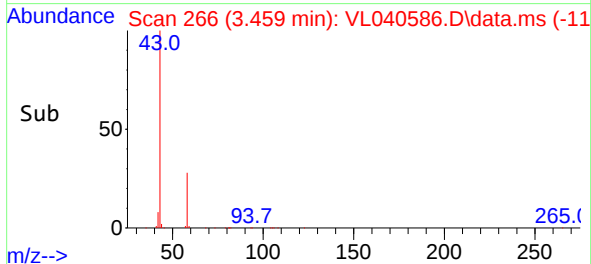
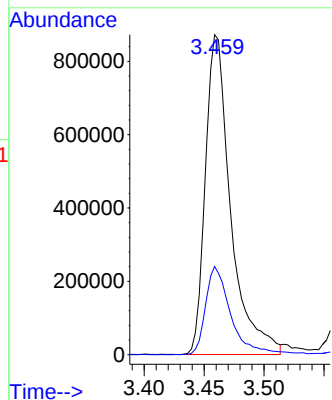
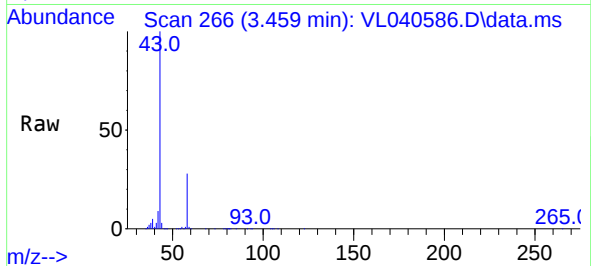




#15
Acetone
Concen: 9.127 ppbv
RT: 3.459 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

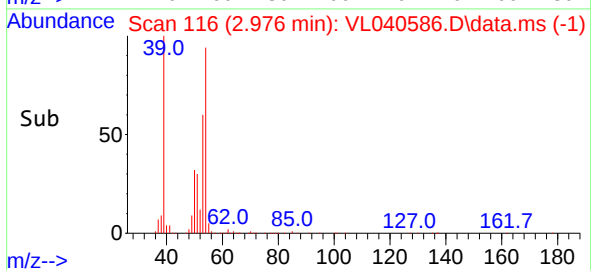
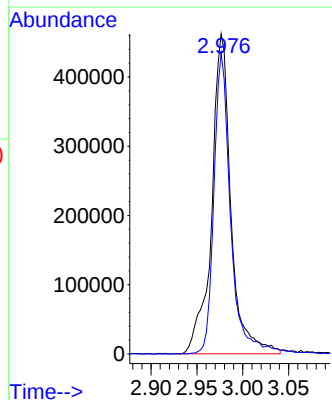
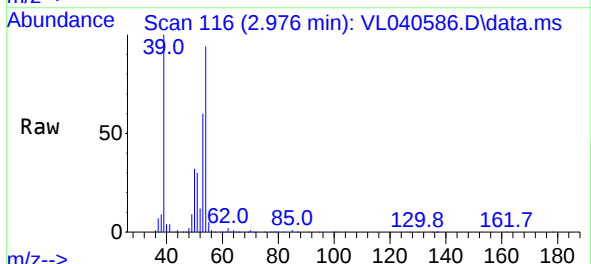
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

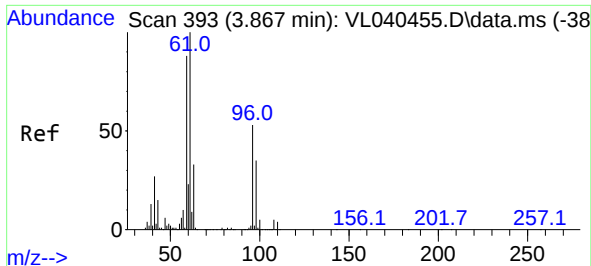
Tgt Ion: 43 Resp: 1280599
Ion Ratio Lower Upper
43 100
58 27.7 22.9 34.3



#16
1,3-Butadiene
Concen: 9.559 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 39 Resp: 676646
Ion Ratio Lower Upper
39 100
54 82.1 66.6 100.0





#17

tert-Butyl alcohol

Concen: 10.309 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.013 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

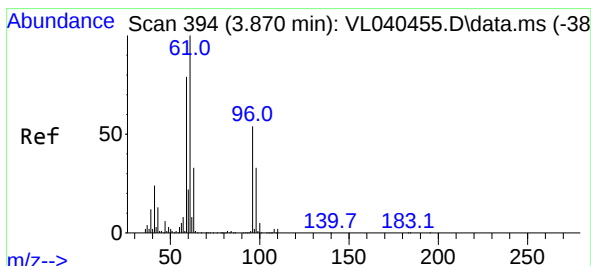
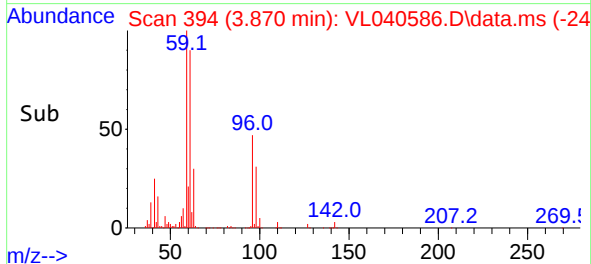
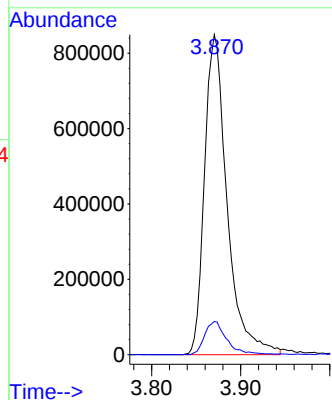
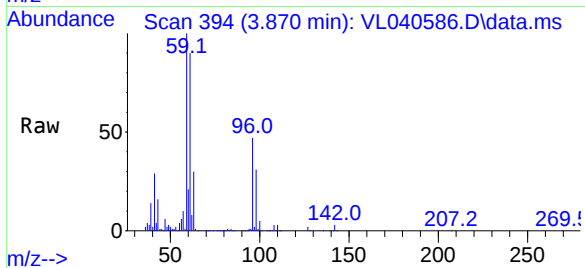
VL0804ABS01

Tgt Ion: 59 Resp: 1496116

Ion Ratio Lower Upper

59 100

57 10.4 8.7 13.1



#18

1,1-Dichloroethene

Concen: 10.250 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.016 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

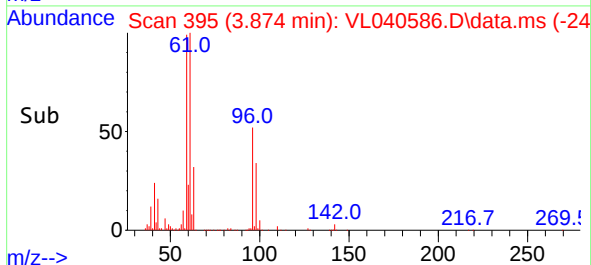
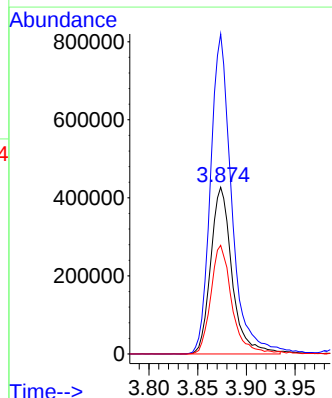
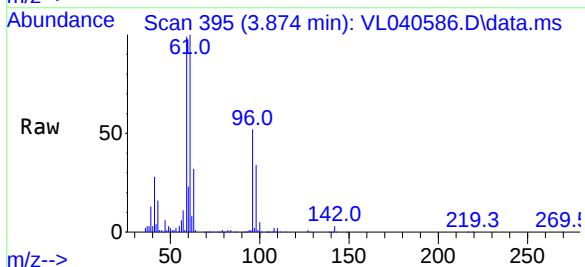
Tgt Ion: 96 Resp: 652927

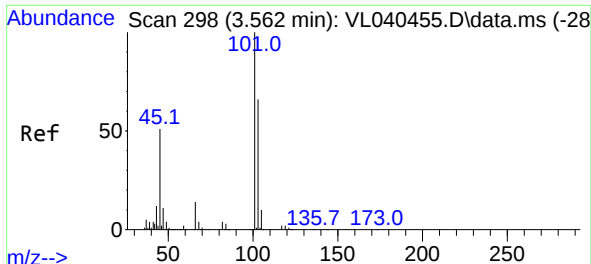
Ion Ratio Lower Upper

96 100

61 192.0 154.4 231.6

98 65.2 50.0 75.0

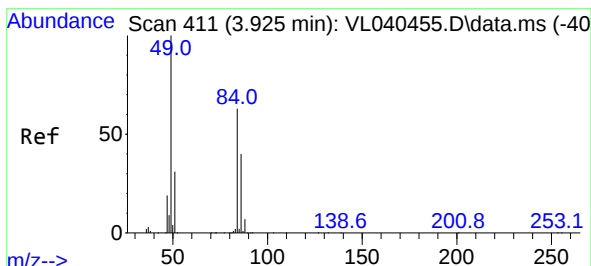
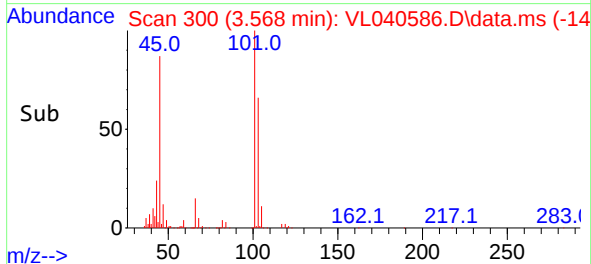
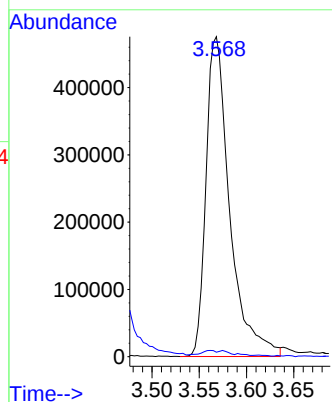
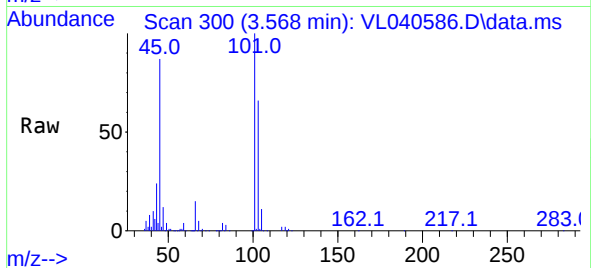




#19
Isopropyl Alcohol
Concen: 10.287 ppbv
RT: 3.568 min Scan# 301
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

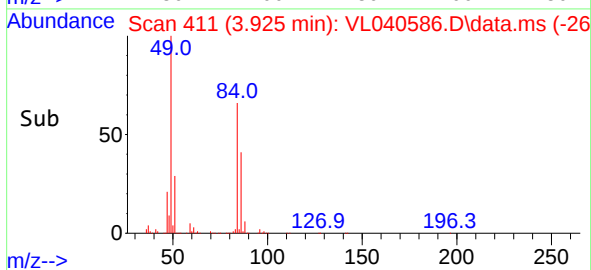
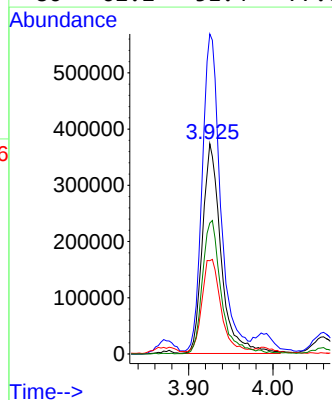
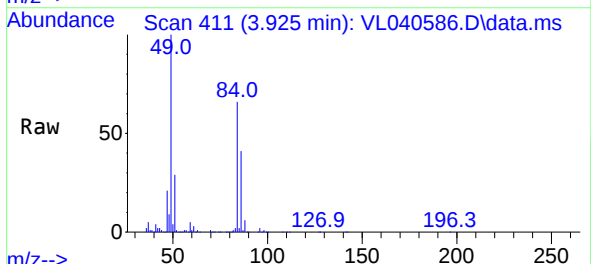
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

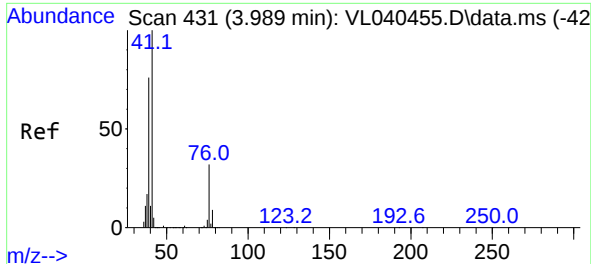
Tgt Ion: 45 Resp: 828565
Ion Ratio Lower Upper
45 100
58 3.0 1.1 1.7#



#20
Methylene Chloride
Concen: 9.665 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 84 Resp: 576798
Ion Ratio Lower Upper
84 100
49 151.1 123.4 185.2
51 43.6 38.3 57.5
86 62.2 51.4 77.0





#21

Allyl Chloride

Concen: 9.631 ppbv

RT: 3.989 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABS01

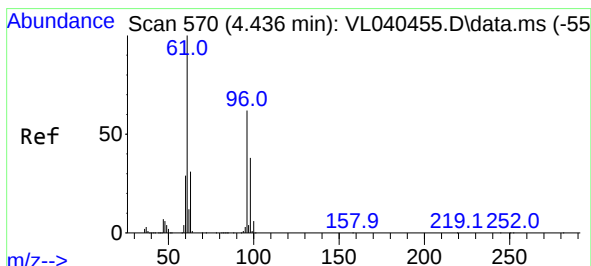
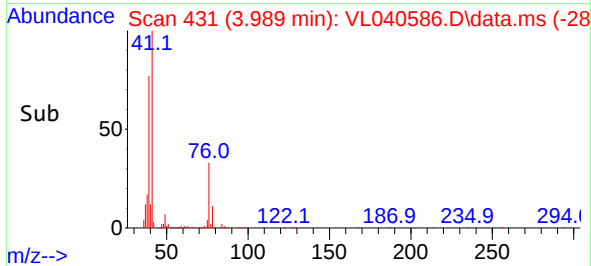
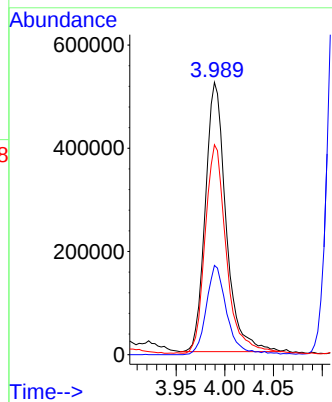
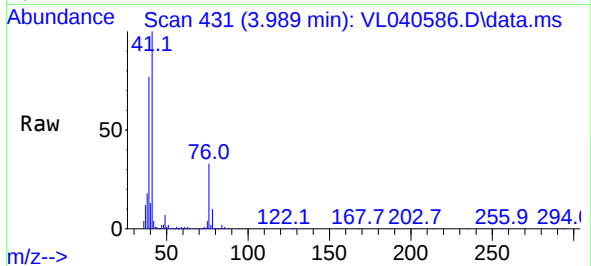
Tgt Ion: 41 Resp: 771657

Ion Ratio Lower Upper

41 100

76 33.1 24.8 37.2

39 81.1 60.6 91.0



#22

trans-1,2-Dichloroethene

Concen: 10.351 ppbv

RT: 4.439 min Scan# 571

Delta R.T. -0.013 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

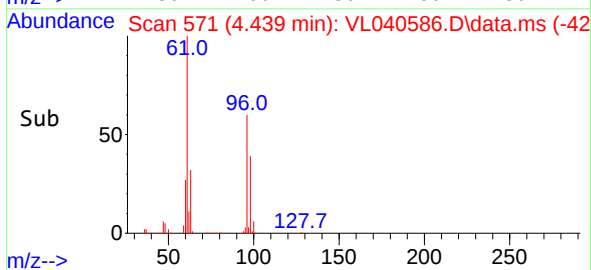
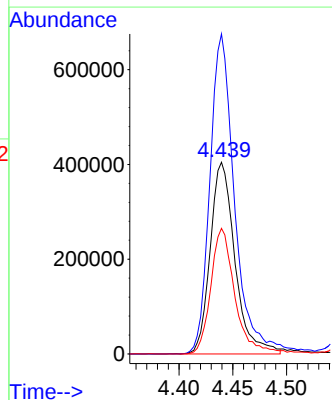
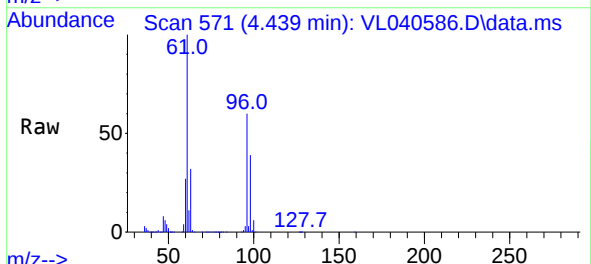
Tgt Ion: 96 Resp: 650502

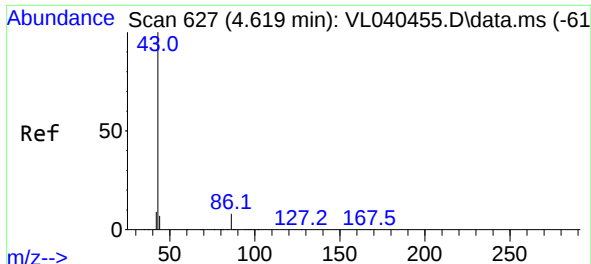
Ion Ratio Lower Upper

96 100

61 166.9 137.7 206.5

98 65.5 52.9 79.3



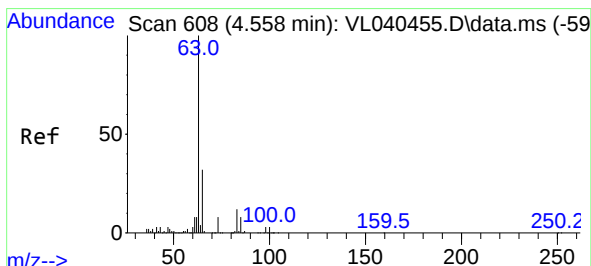
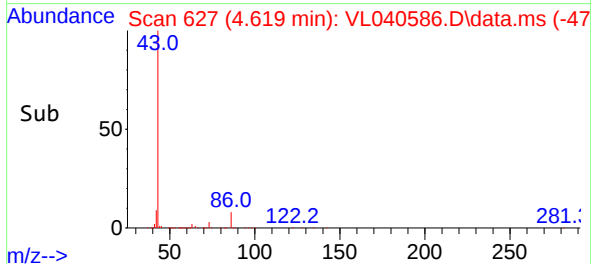
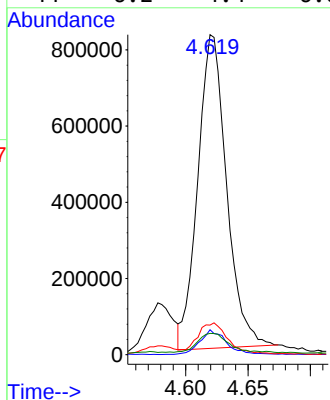
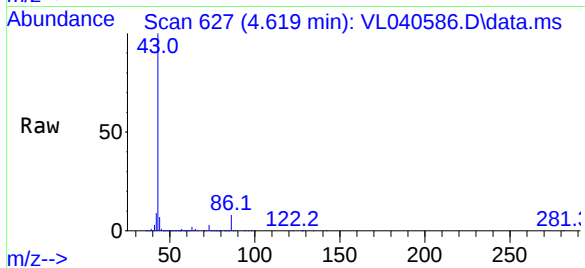


#23
Vinyl Acetate
Concen: 9.891 ppbv
RT: 4.619 min Scan# 61
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Instrument :
MSVOA_1
ClientSampleId :
VL0804ABS01

Tgt Ion: 43 Resp: 1322070

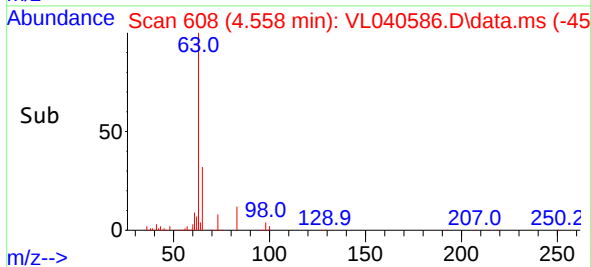
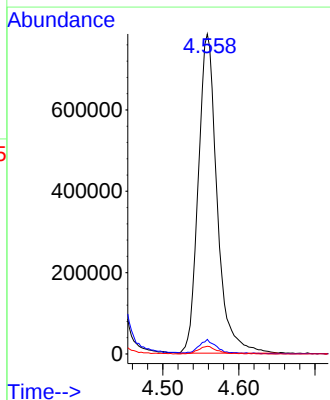
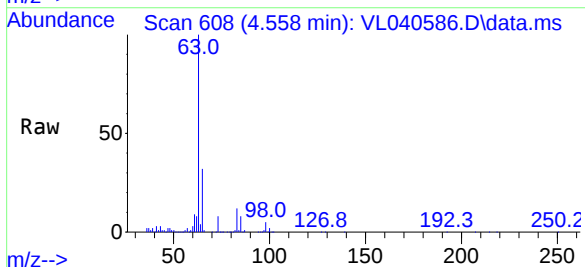
Ion	Ratio	Lower	Upper
43	100		
86	7.8	5.6	8.4
42	9.2	7.4	11.2
44	6.2	4.4	6.6

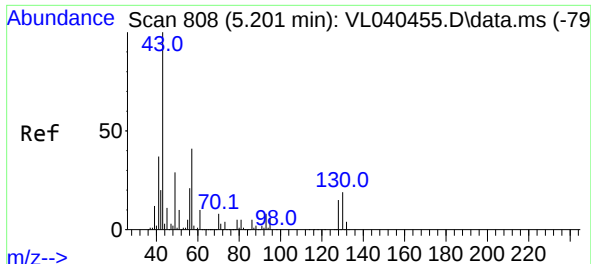


#24
1,1-Dichloroethane
Concen: 9.907 ppbv
RT: 4.558 min Scan# 608
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 63 Resp: 1344108

Ion	Ratio	Lower	Upper
63	100		
98	4.4	1.8	5.5
100	2.4	1.4	4.0



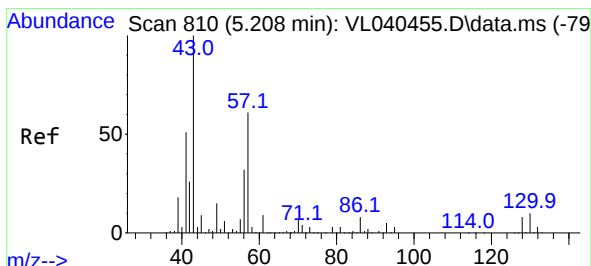
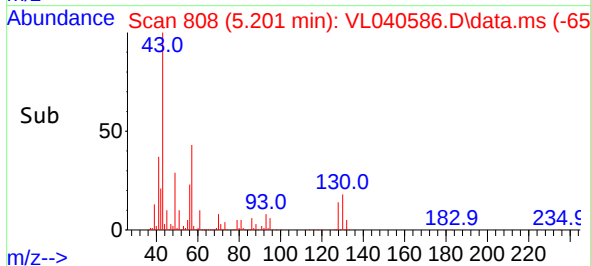
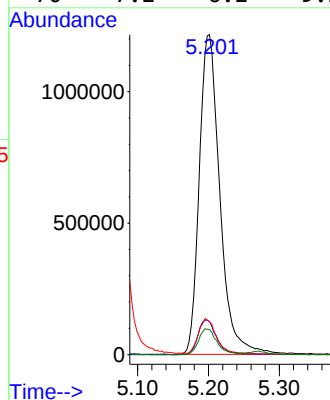
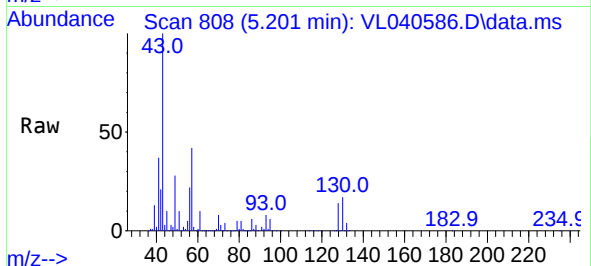


#25
Ethyl Acetate
Concen: 9.167 ppbv
RT: 5.201 min Scan# 808
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Instrument :
MSVOA_1
ClientSampleId :
VL0804ABS01

Tgt Ion: 43 Resp: 2448647

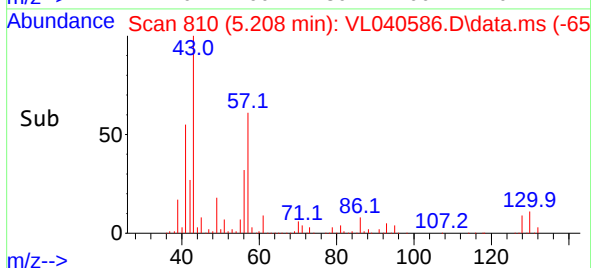
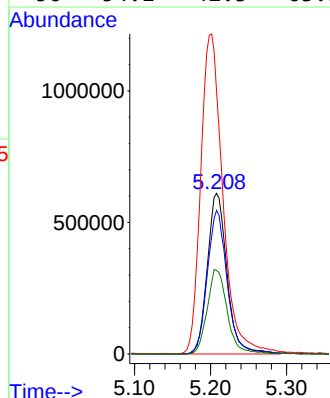
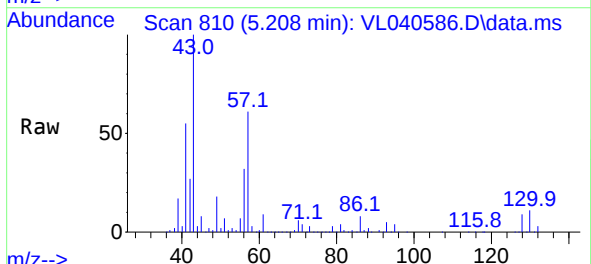
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.2	12.4
61	10.3	8.3	12.5
70	7.2	6.2	9.2

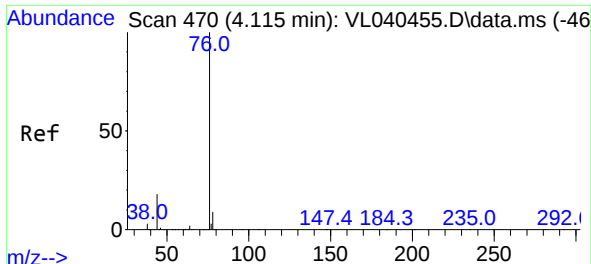


#26
Hexane
Concen: 8.813 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 57 Resp: 1093631

Ion	Ratio	Lower	Upper
57	100		
41	91.3	69.5	104.3
43	225.3	177.1	265.7
56	54.1	42.3	63.5

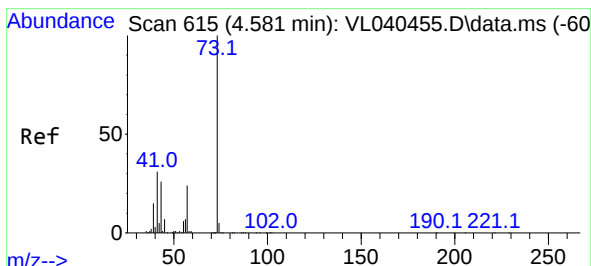
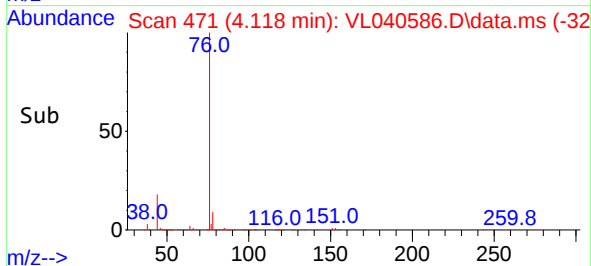
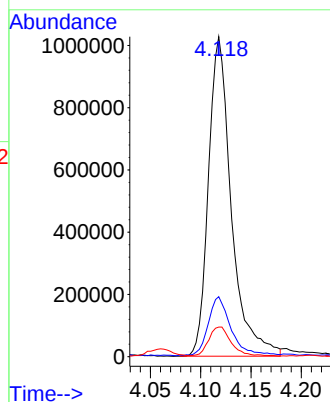
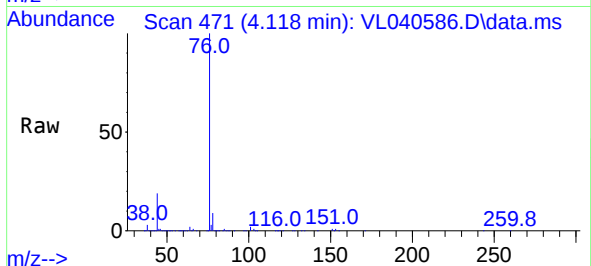




#27
Carbon Disulfide
Concen: 11.139 ppbv
RT: 4.118 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

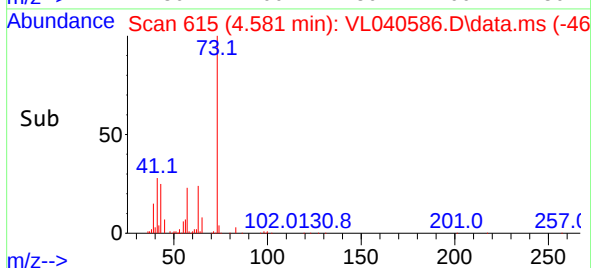
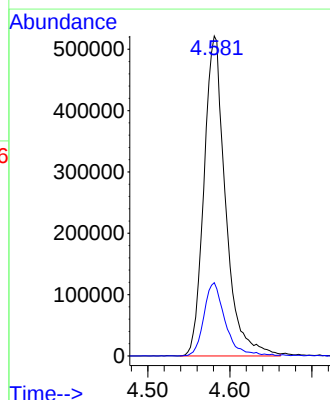
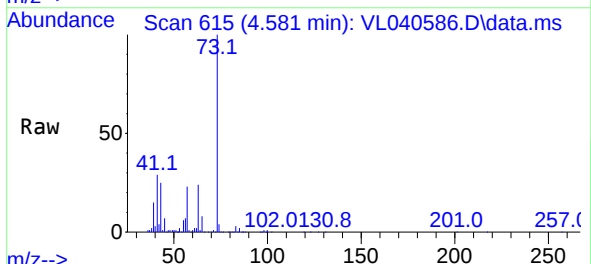
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

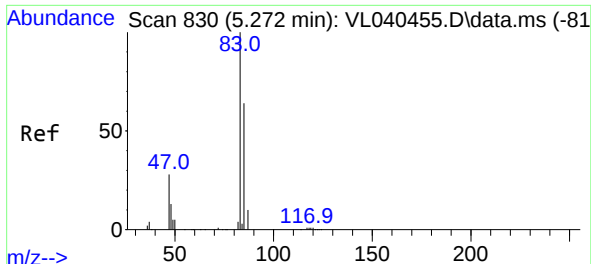
Tgt Ion: 76 Resp: 1625966
Ion Ratio Lower Upper
76 100
44 18.9 15.1 22.7
78 9.5 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 9.533 ppbv
RT: 4.581 min Scan# 615
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 73 Resp: 952418
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2





#29

Chloroform

Concen: 9.359 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

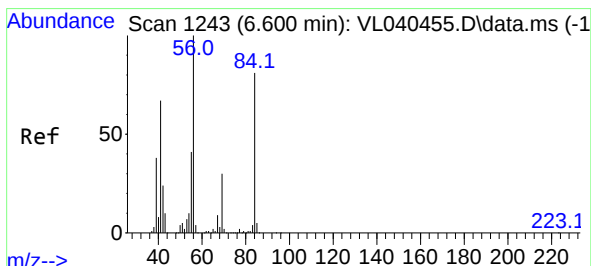
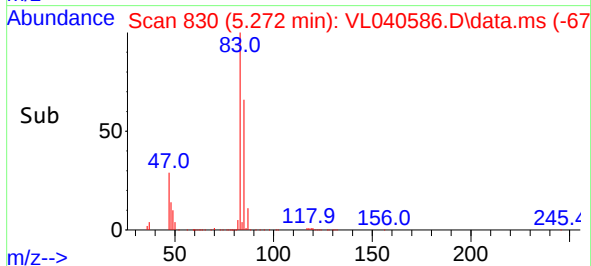
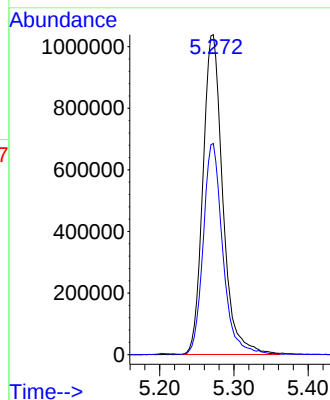
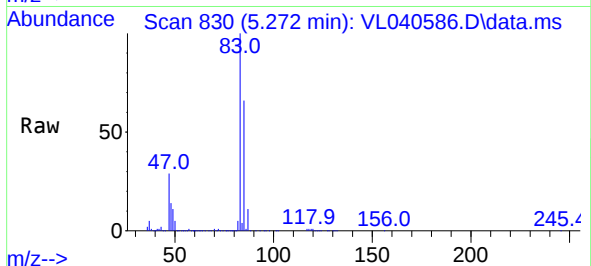
VL0804ABS01

Tgt Ion: 83 Resp: 1926335

Ion Ratio Lower Upper

83 100

85 65.9 51.1 76.7



#30

Cyclohexane

Concen: 8.757 ppbv

RT: 6.597 min Scan# 1242

Delta R.T. -0.013 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

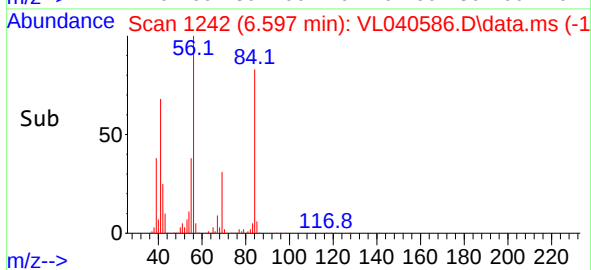
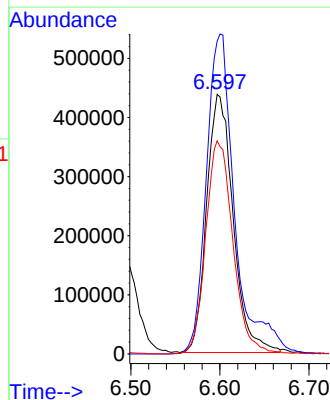
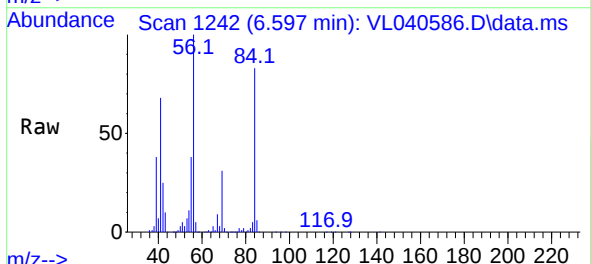
Tgt Ion: 84 Resp: 904202

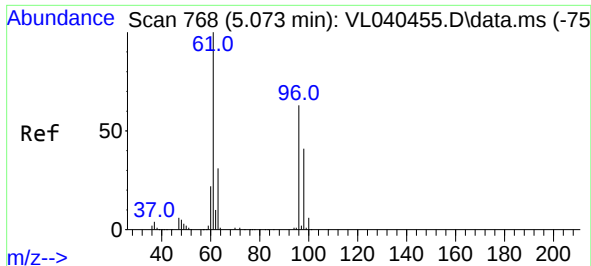
Ion Ratio Lower Upper

84 100

56 133.6 108.7 163.1

41 85.0 64.5 96.7

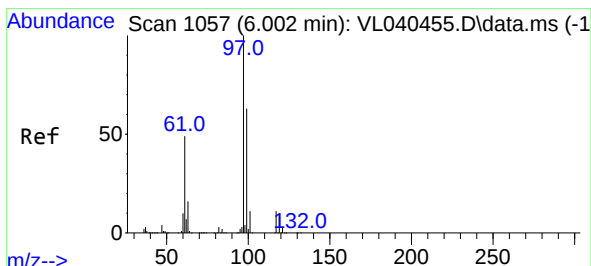
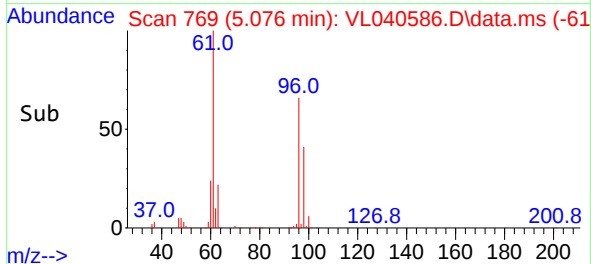
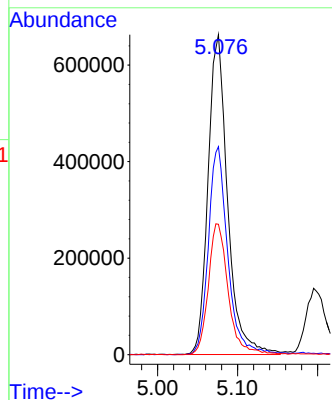
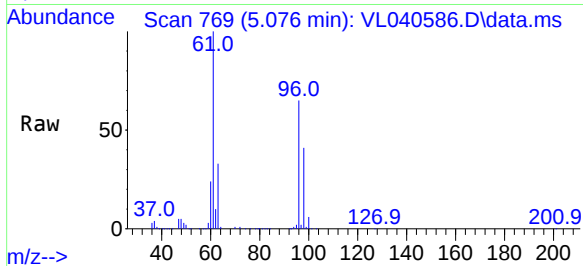




#31
 cis-1,2-Dichloroethene
 Concen: 9.171 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. -0.010 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

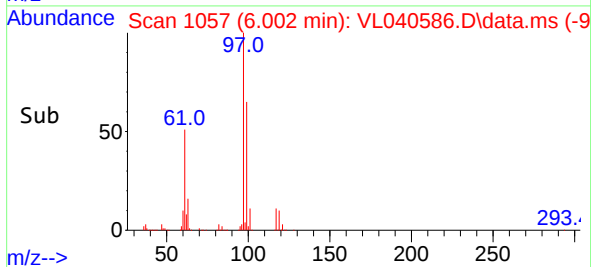
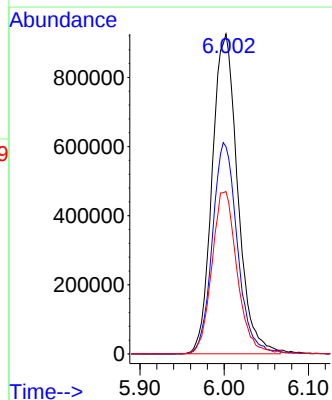
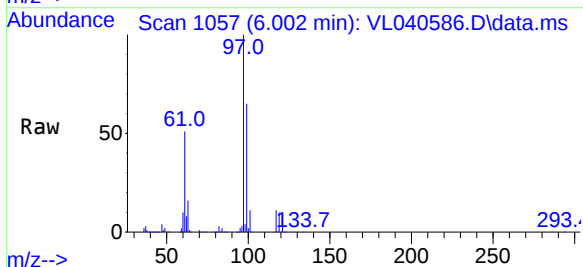
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABS01

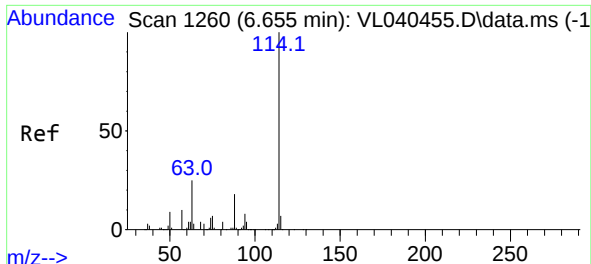
Tgt Ion: 61 Resp: 1124886
 Ion Ratio Lower Upper
 61 100
 96 64.9 54.7 82.1
 98 40.8 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 9.647 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.010 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

Tgt Ion: 97 Resp: 1942832
 Ion Ratio Lower Upper
 97 100
 99 65.1 52.0 78.0
 61 50.8 38.9 58.3

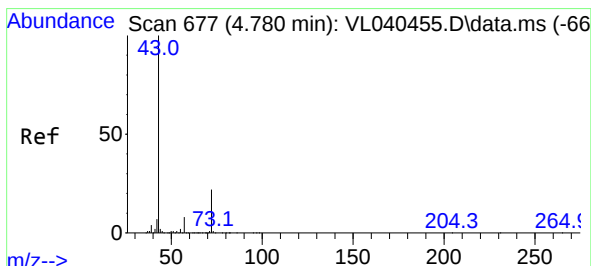
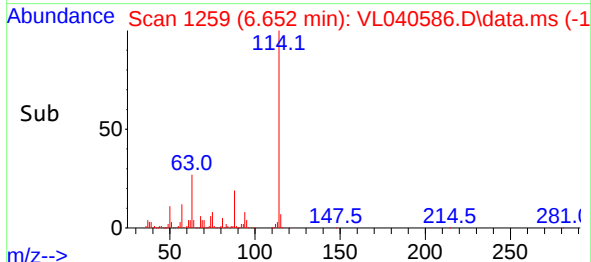
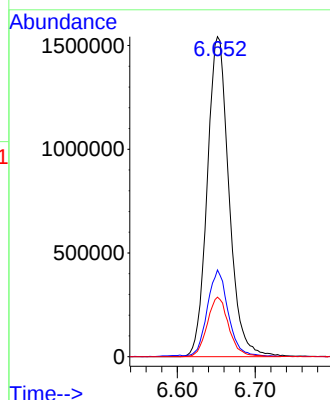
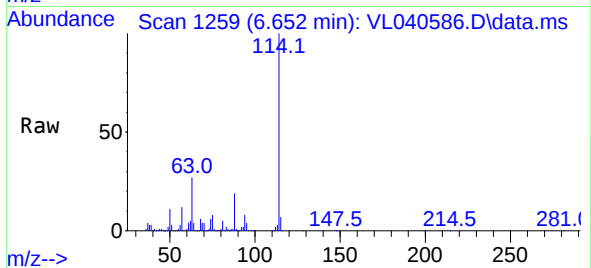




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

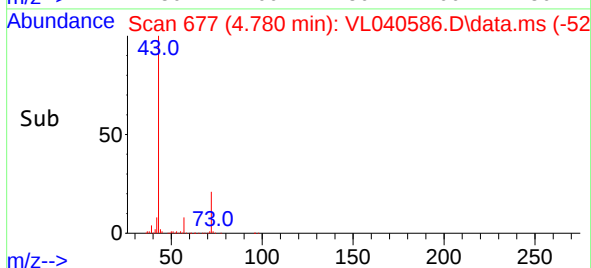
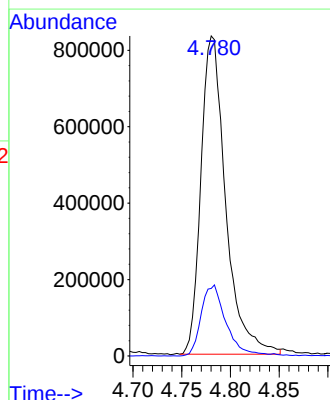
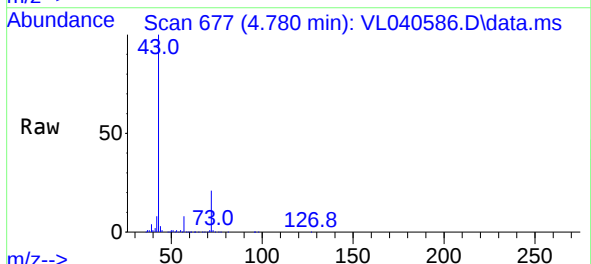
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

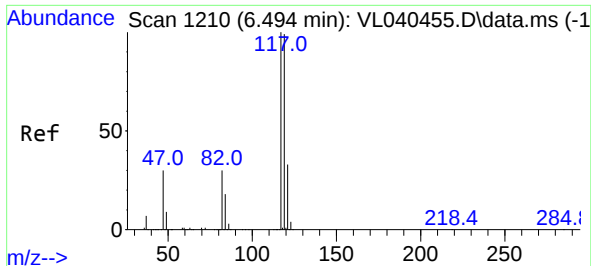
Tgt Ion:114 Resp: 2993415
Ion Ratio Lower Upper
114 100
63 26.6 19.6 29.4
88 18.4 14.2 21.2



#34
2-Butanone
Concen: 9.947 ppbv
RT: 4.780 min Scan# 677
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 43 Resp: 1471334
Ion Ratio Lower Upper
43 100
72 22.7 19.1 28.7

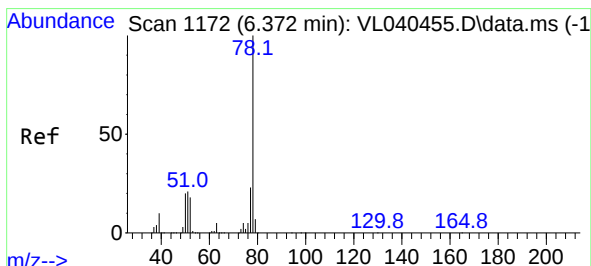
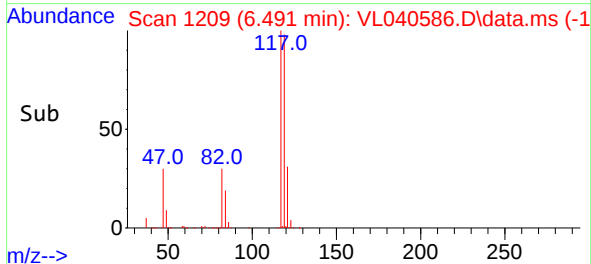
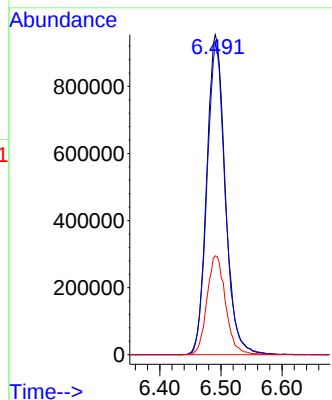
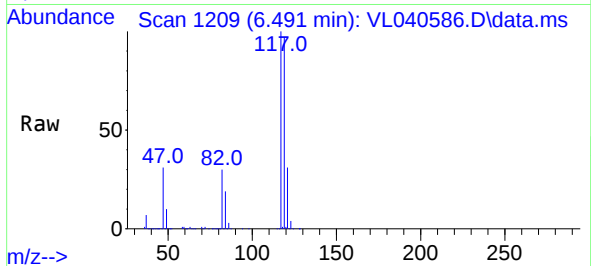




#35
Carbon Tetrachloride
Concen: 11.175 ppbv
RT: 6.491 min Scan# 1170
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

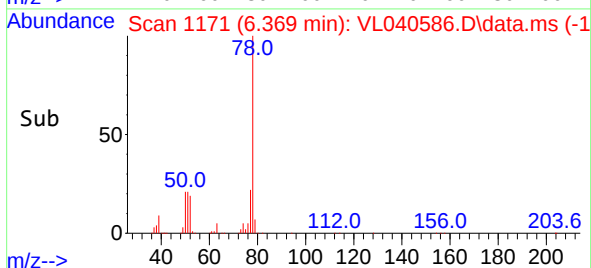
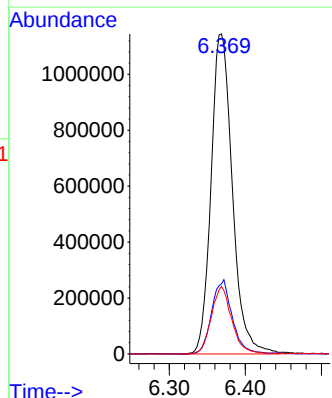
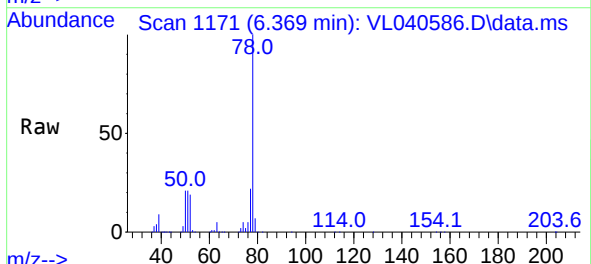
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

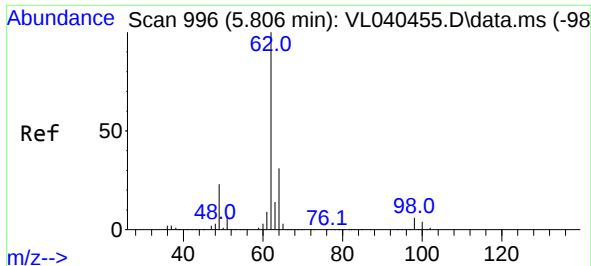
Tgt Ion:117 Resp: 2013222
Ion Ratio Lower Upper
117 100
119 97.4 77.8 116.6
121 30.9 24.8 37.2



#36
Benzene
Concen: 9.250 ppbv
RT: 6.369 min Scan# 1171
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 78 Resp: 2228028
Ion Ratio Lower Upper
78 100
77 21.9 17.4 26.0
50 21.1 14.4 21.6

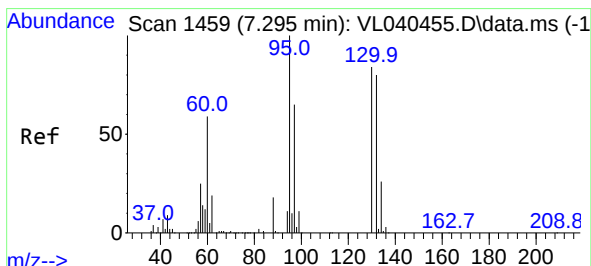
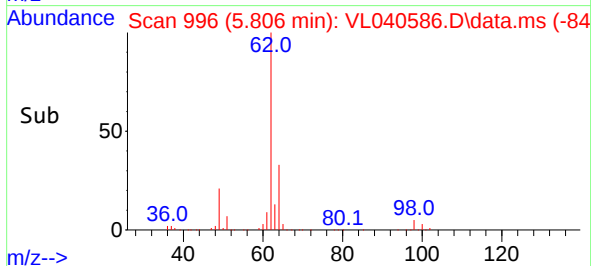
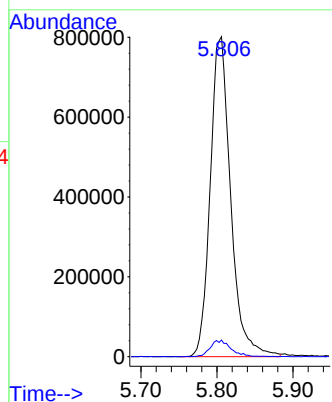
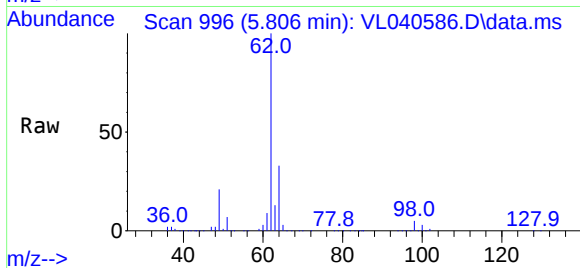




#37
1,2-Dichloroethane
Concen: 10.551 ppbv
RT: 5.806 min Scan# 996
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

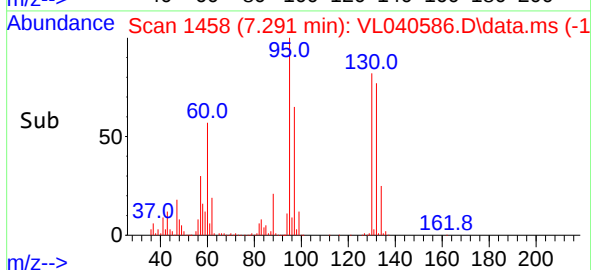
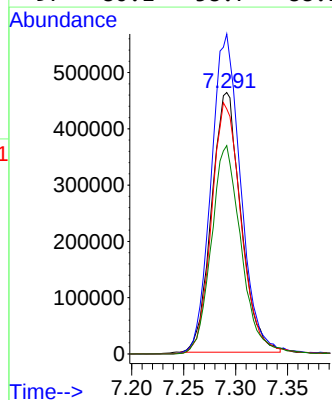
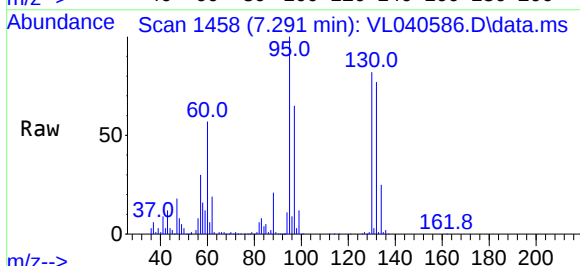
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

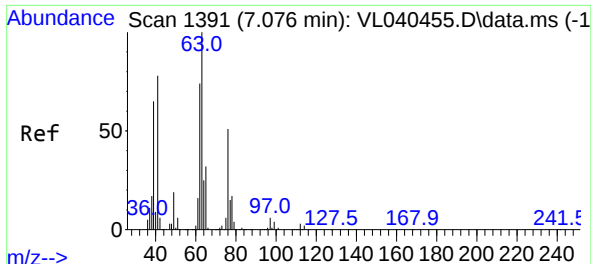
Tgt Ion: 62 Resp: 1495079
Ion Ratio Lower Upper
62 100
98 5.3 5.1 7.7



#38
Trichloroethene
Concen: 9.959 ppbv
RT: 7.291 min Scan# 1458
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion:130 Resp: 907287
Ion Ratio Lower Upper
130 100
95 122.9 90.2 135.2
132 94.1 76.3 114.5
97 80.1 58.7 88.1





#39

1,2-Dichloropropane

Concen: 9.409 ppbv

RT: 7.073 min Scan# 11

Delta R.T. -0.010 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

VL0804ABS01

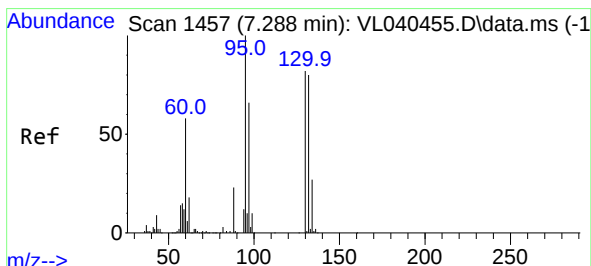
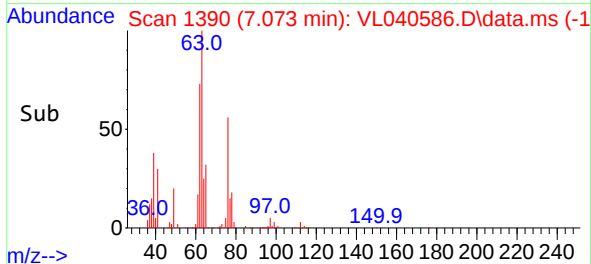
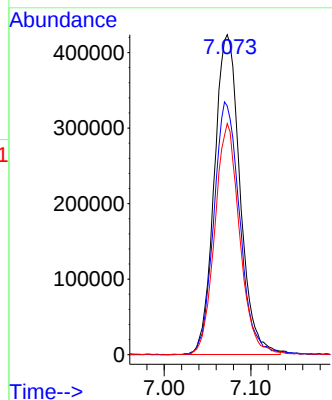
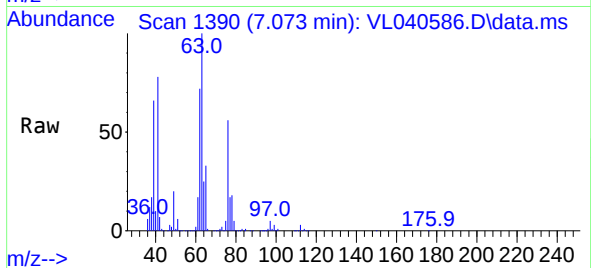
Tgt Ion: 63 Resp: 872360

Ion Ratio Lower Upper

63 100

41 77.7 54.3 81.5

62 72.1 55.6 83.4



#40

1,4-Dioxane

Concen: 10.286 ppbv

RT: 7.285 min Scan# 1456

Delta R.T. -0.013 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Tgt Ion: 88 Resp: 298307

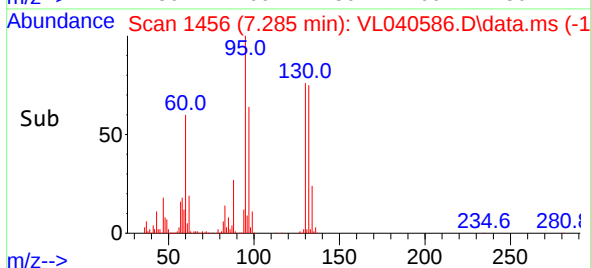
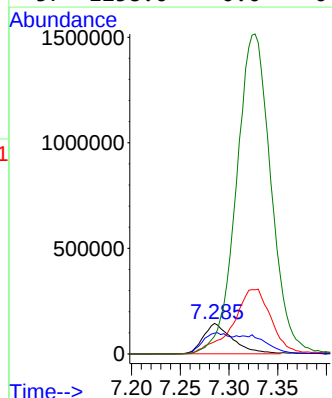
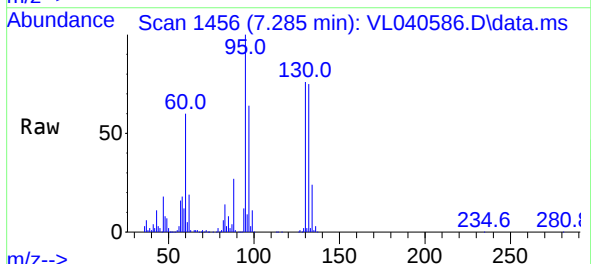
Ion Ratio Lower Upper

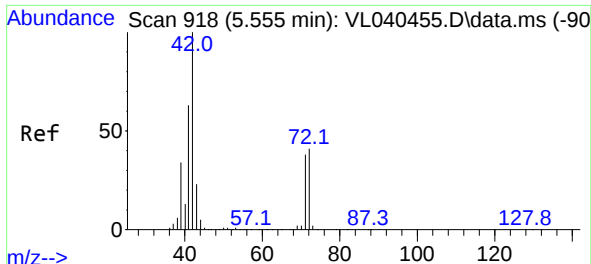
88 100

58 133.5 58.6 88.0#

43 286.6 0.0 0.0#

57 1258.0 0.0 0.0#

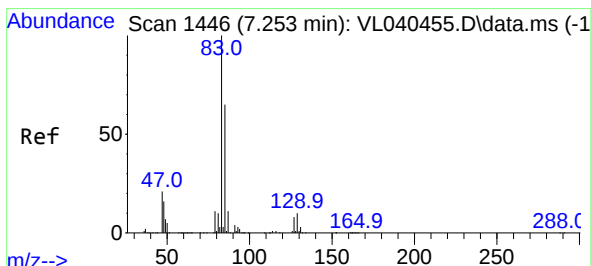
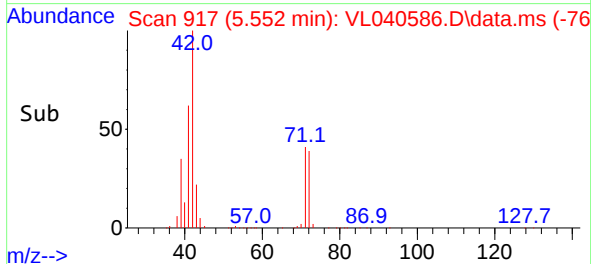
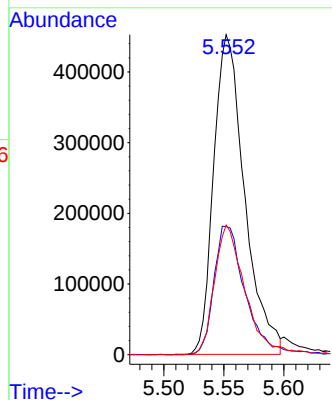
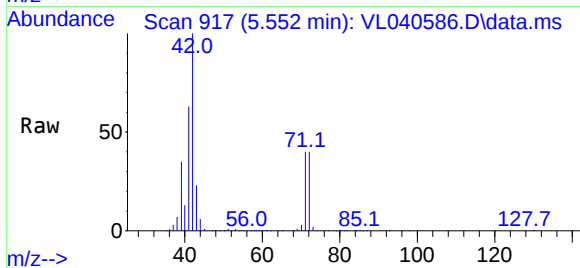




#41
Tetrahydrofuran
Concen: 9.371 ppbv
RT: 5.552 min Scan# 918
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

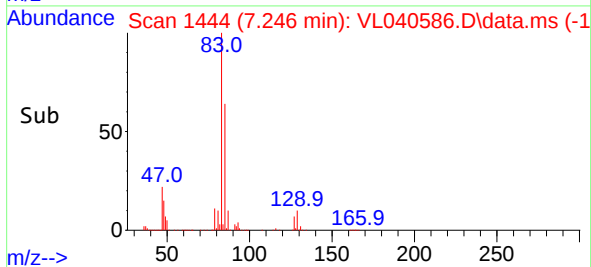
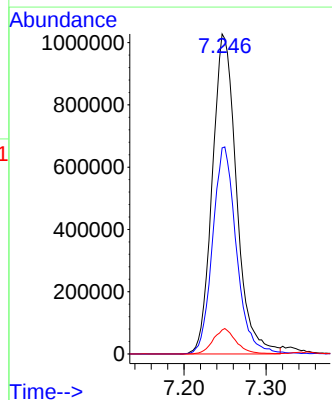
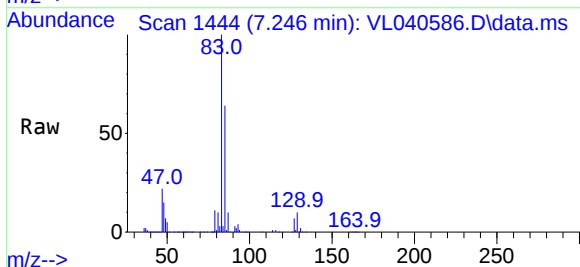
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

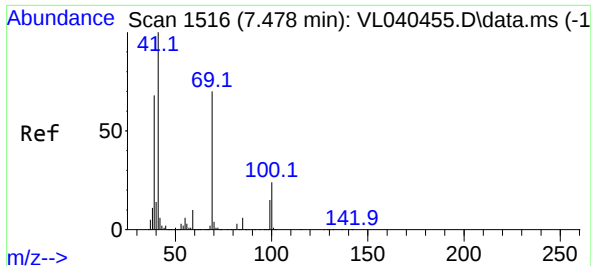
Tgt Ion: 42 Resp: 808904
Ion Ratio Lower Upper
42 100
72 41.5 33.8 50.8
71 40.9 33.0 49.6



#42
Bromodichloromethane
Concen: 10.711 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 83 Resp: 2110801
Ion Ratio Lower Upper
83 100
85 64.4 51.1 76.7
127 7.5 6.5 9.7

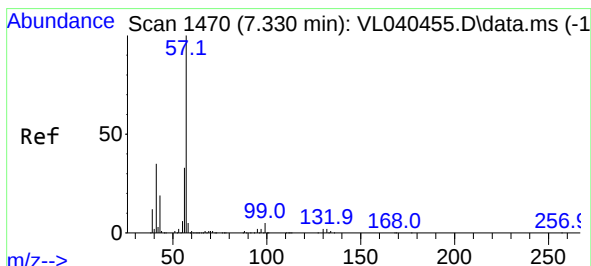
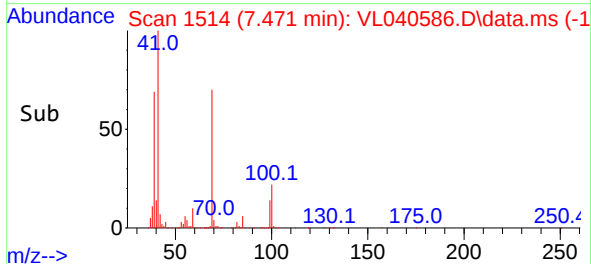
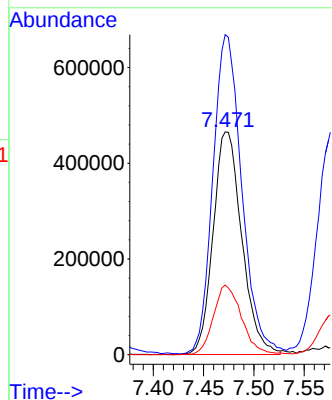
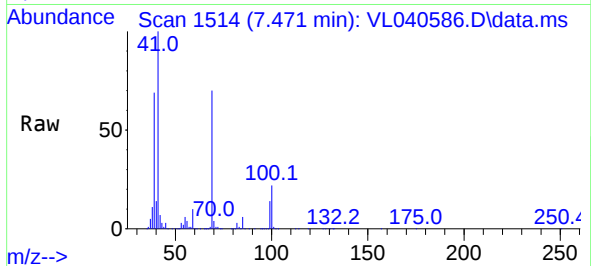




#43
Methyl Methacrylate
Concen: 10.238 ppbv
RT: 7.471 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

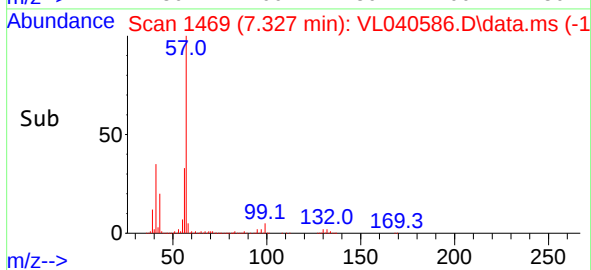
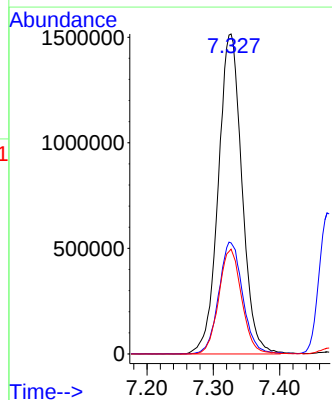
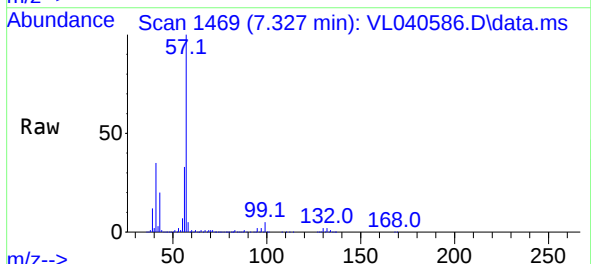
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

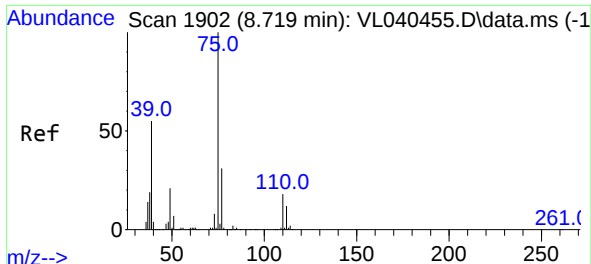
Tgt Ion: 69 Resp: 922941
Ion Ratio Lower Upper
69 100
41 145.1 111.7 167.5
100 30.8 26.9 40.3



#44
2,2,4-Trimethylpentane
Concen: 9.660 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 57 Resp: 3743288
Ion Ratio Lower Upper
57 100
41 35.4 25.5 38.3
56 31.8 25.1 37.7

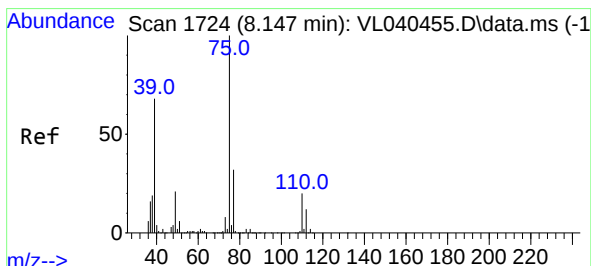
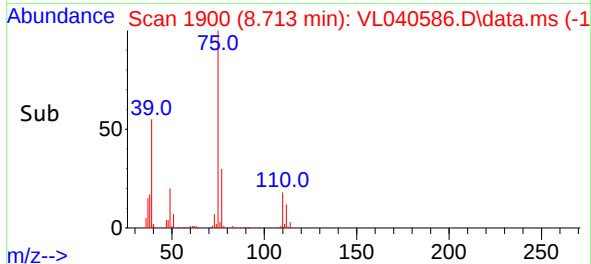
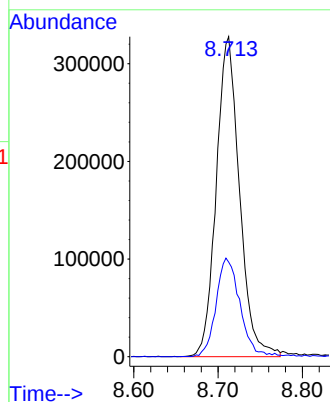
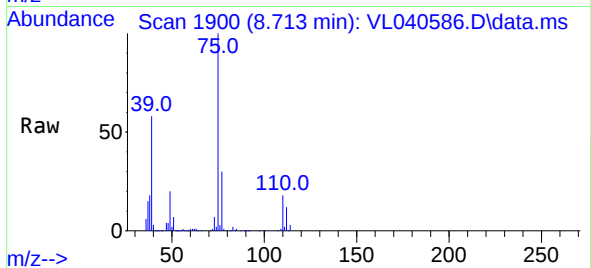




#45
t-1,3-Dichloropropene
Concen: 10.833 ppbv
RT: 8.713 min Scan# 1902
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

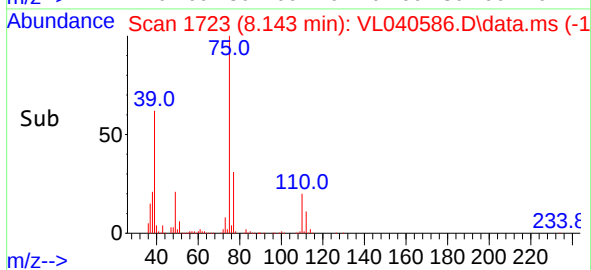
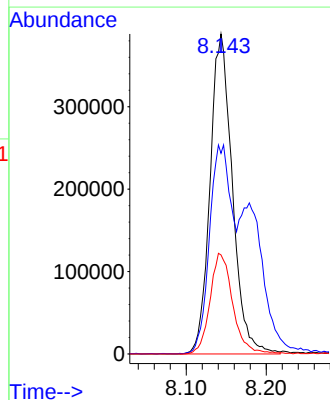
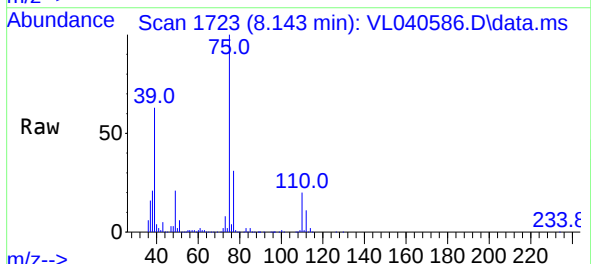
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

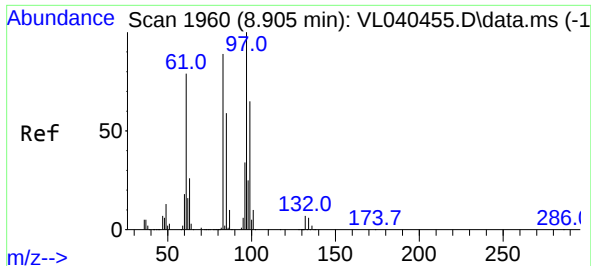
Tgt Ion: 75 Resp: 626490
Ion Ratio Lower Upper
75 100
77 29.6 26.0 39.0



#46
cis-1,3-Dichloropropene
Concen: 10.137 ppbv
RT: 8.143 min Scan# 1723
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 75 Resp: 752163
Ion Ratio Lower Upper
75 100
39 62.5 48.0 72.0
77 31.0 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 9.545 ppbv

RT: 8.899 min Scan# 1960

Delta R.T. -0.010 min

Lab File: VL040586.D

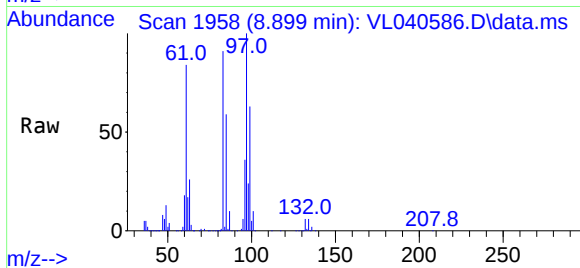
Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

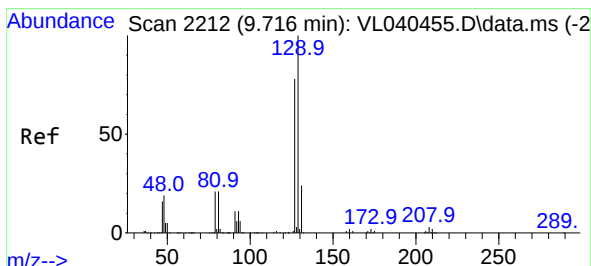
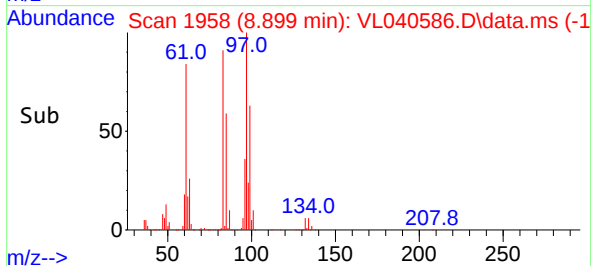
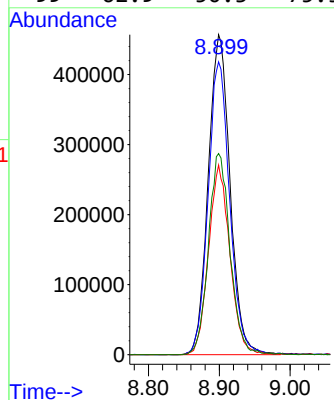
ClientSampleId :

VL0804ABS01



Tgt Ion: 97 Resp: 976482

Ion	Ratio	Lower	Upper
97	100		
83	91.4	73.4	110.0
85	59.2	46.6	70.0
99	62.9	50.3	75.5



#48

Dibromochloromethane

Concen: 10.693 ppbv

RT: 9.713 min Scan# 2211

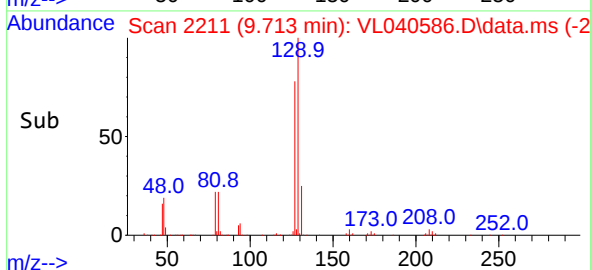
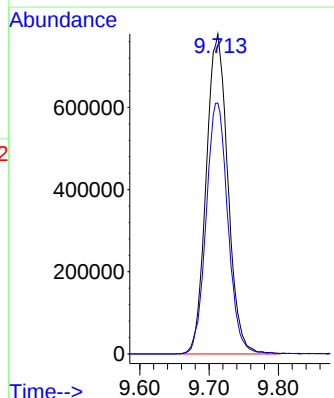
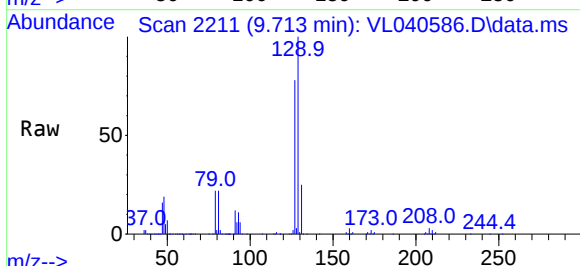
Delta R.T. -0.010 min

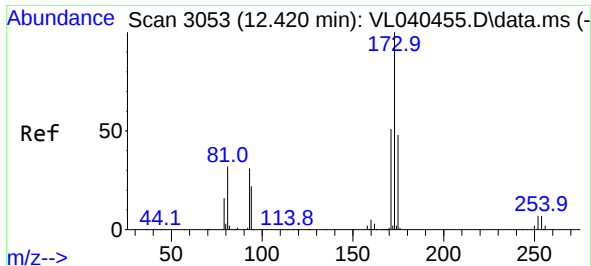
Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Tgt Ion: 129 Resp: 1691240

Ion	Ratio	Lower	Upper
129	100		
127	78.7	39.1	117.3

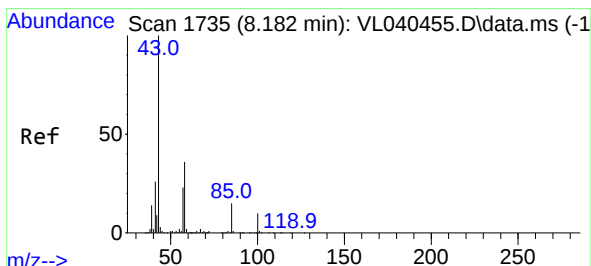
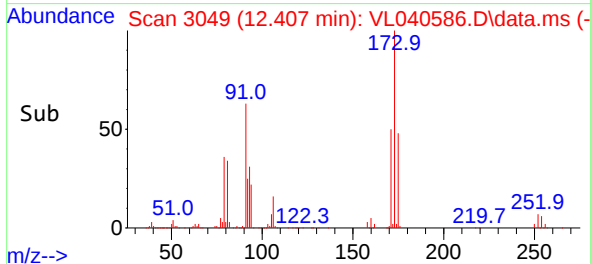
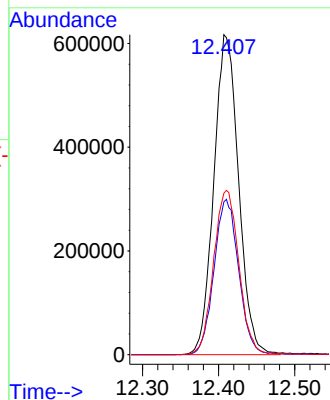
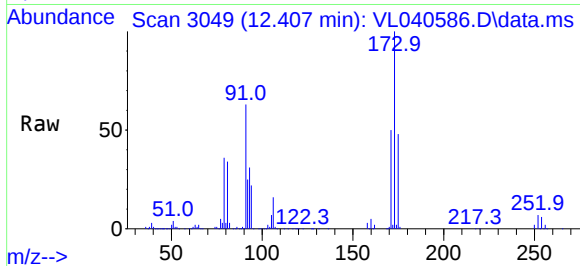




#49
Bromoform
Concen: 11.121 ppbv
RT: 12.407 min Scan# 3053
Delta R.T. -0.016 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

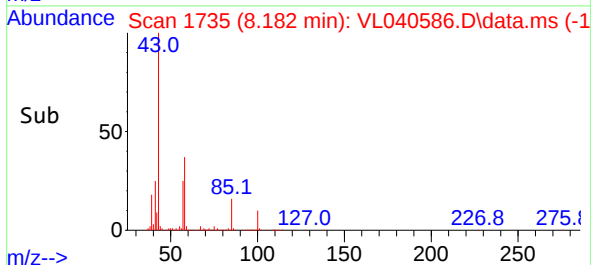
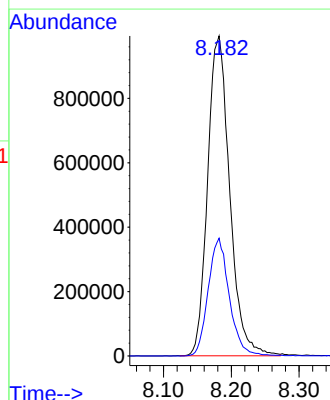
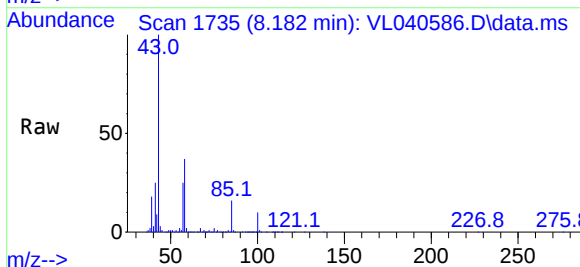
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

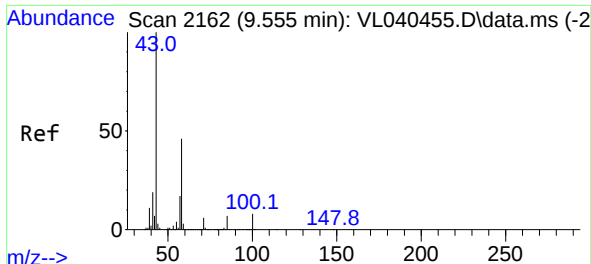
Tgt Ion:173 Resp: 1394470
Ion Ratio Lower Upper
173 100
175 48.5 39.5 59.3
171 52.6 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 10.466 ppbv
RT: 8.182 min Scan# 1735
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 43 Resp: 2249305
Ion Ratio Lower Upper
43 100
58 35.3 30.2 45.2



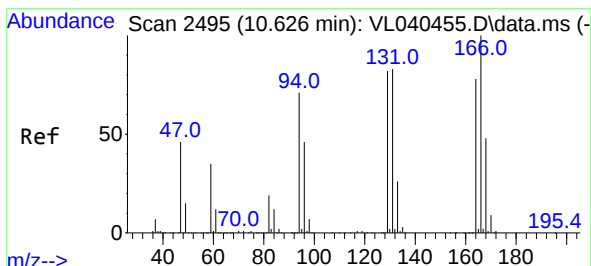
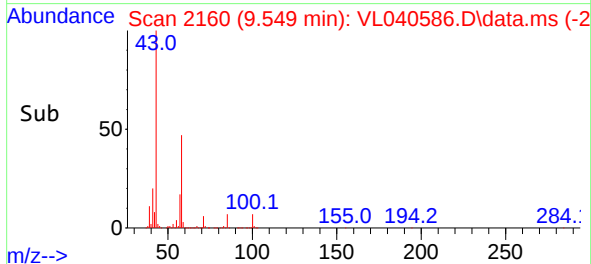
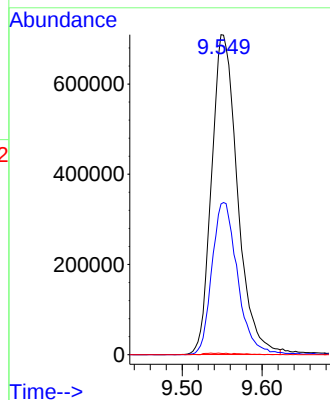
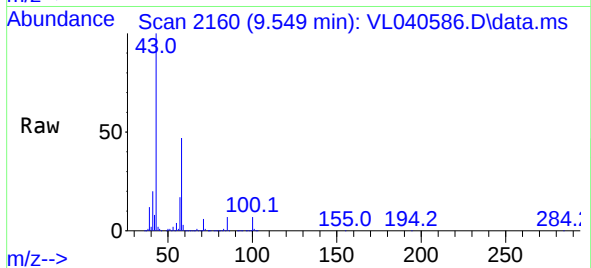


#51
2-Hexanone
Concen: 10.493 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. -0.012 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

Tgt Ion: 43 Resp: 1594663

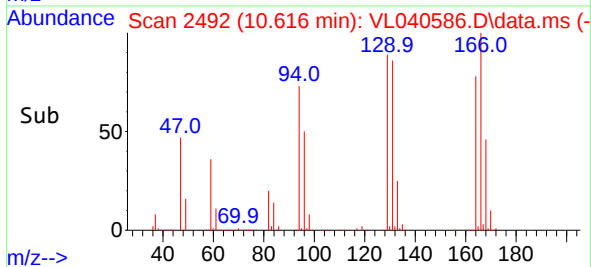
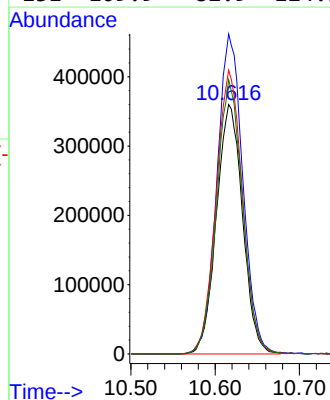
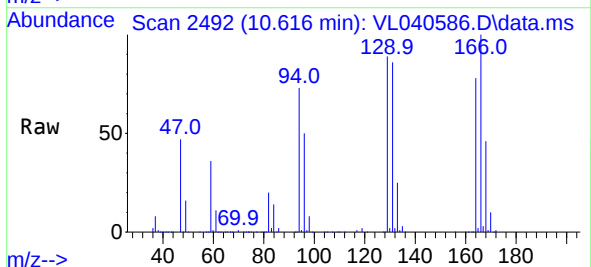
Ion	Ratio	Lower	Upper
43	100		
58	47.5	39.7	59.5
98	0.7	0.3	0.5

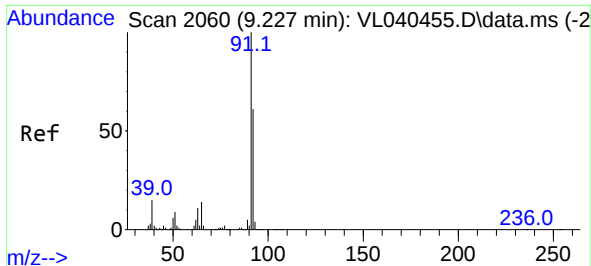


#52
Tetrachloroethene
Concen: 9.931 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 164 Resp: 774576

Ion	Ratio	Lower	Upper
164	100		
166	128.2	103.9	155.9
129	113.7	84.6	126.8
131	109.9	82.9	124.3

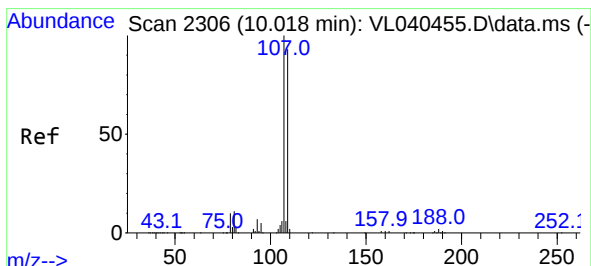
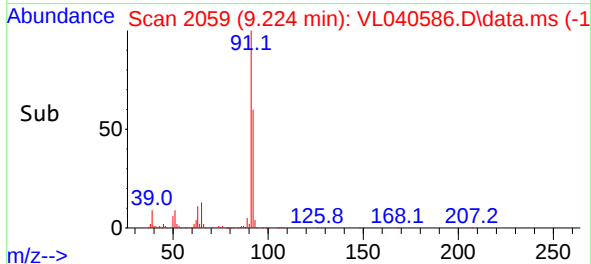
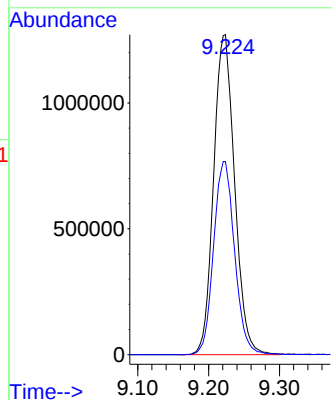
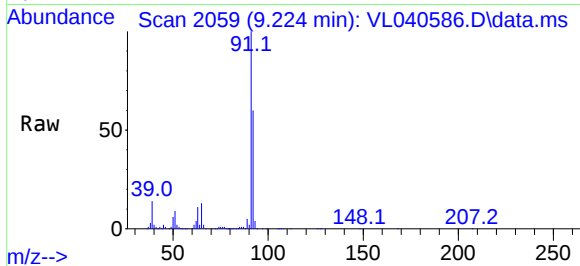




#53
Toluene
Concen: 10.004 ppbv
RT: 9.224 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

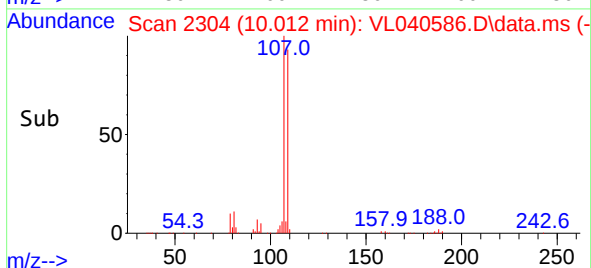
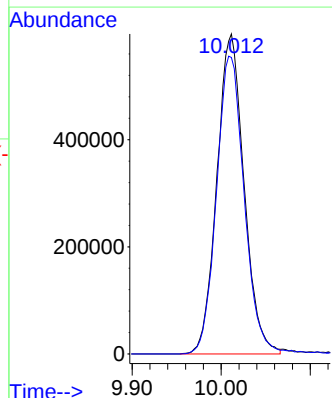
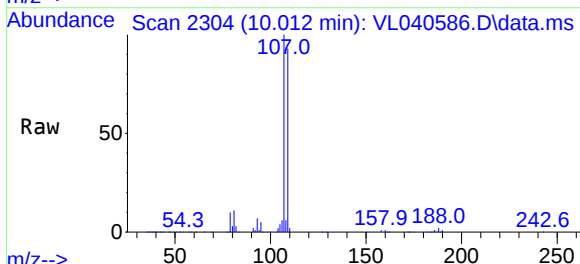
Instrument :
MSVOA_1
ClientSampleId :
VL0804ABS01

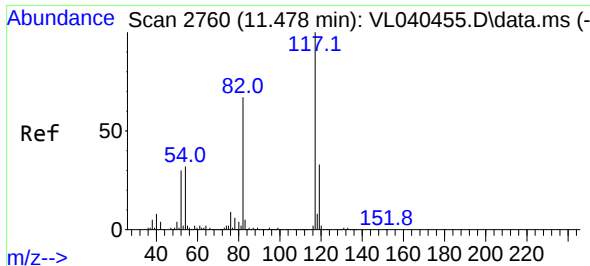
Tgt Ion: 91 Resp: 2617326
Ion Ratio Lower Upper
91 100
92 60.6 49.1 73.7



#54
1,2-Dibromoethane
Concen: 9.956 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 107 Resp: 1265896
Ion Ratio Lower Upper
107 100
109 92.6 75.4 113.2

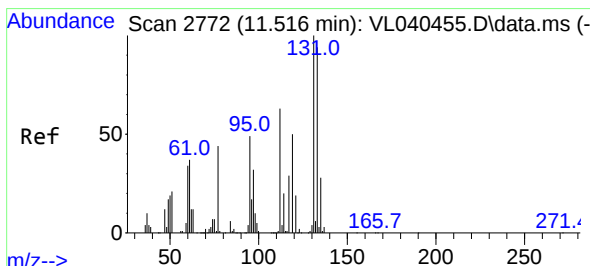
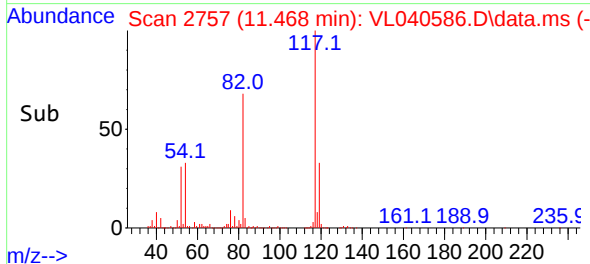
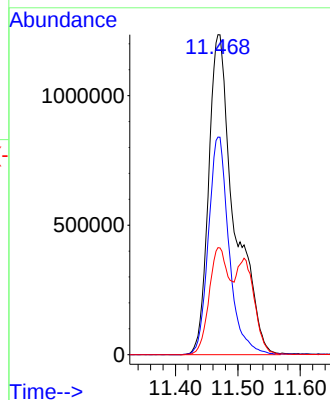
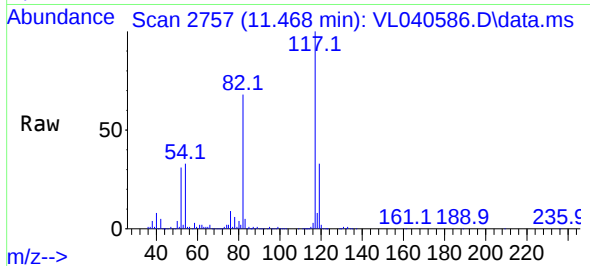




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2117
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

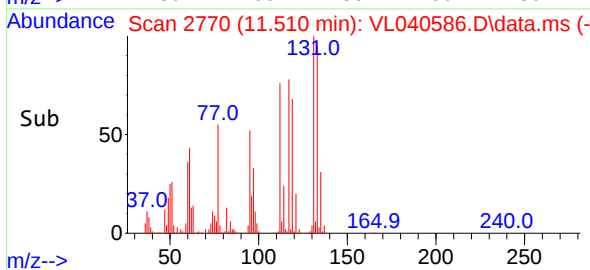
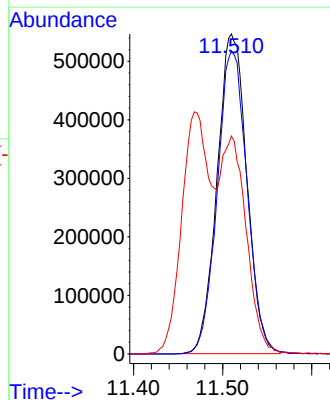
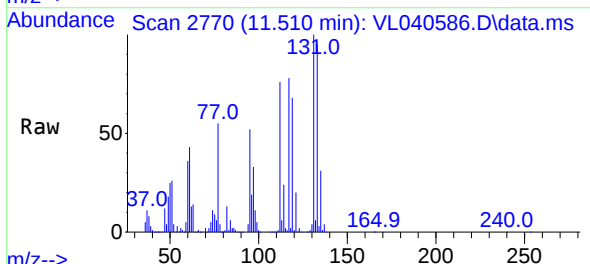
Instrument :
MSVOA_1
ClientSampleId :
VL0804ABS01

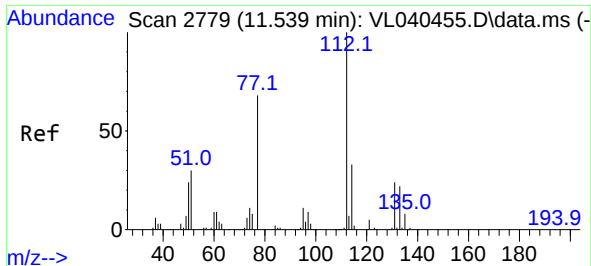
Tgt Ion:117 Resp: 3556963
Ion Ratio Lower Upper
117 100
82 54.6 50.2 75.4
119 24.1 26.9 40.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 7.936 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion:131 Resp: 1264244
Ion Ratio Lower Upper
131 100
133 95.3 76.3 114.5
119 58.5 51.1 76.7

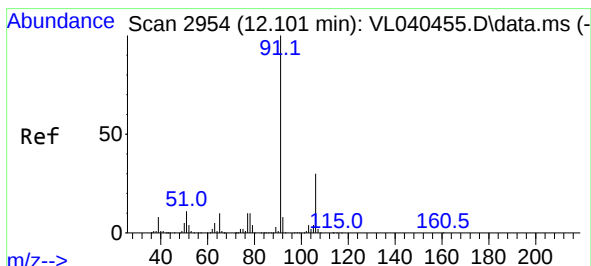
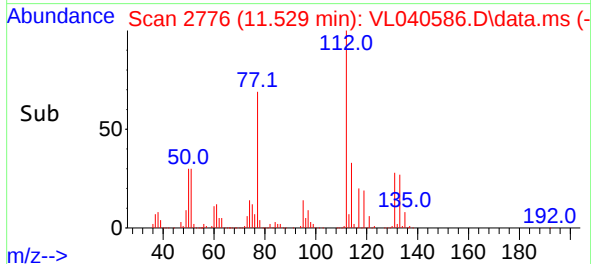
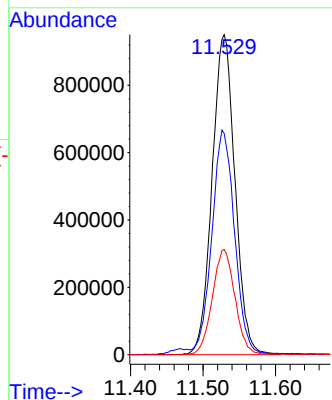
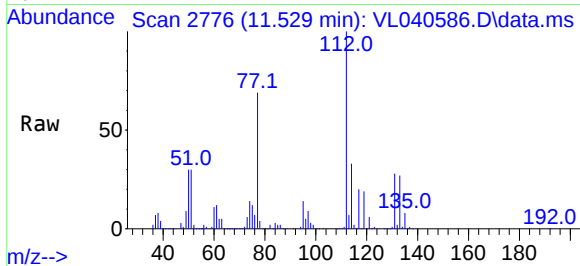




#57
Chlorobenzene
Concen: 7.510 ppbv
RT: 11.529 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

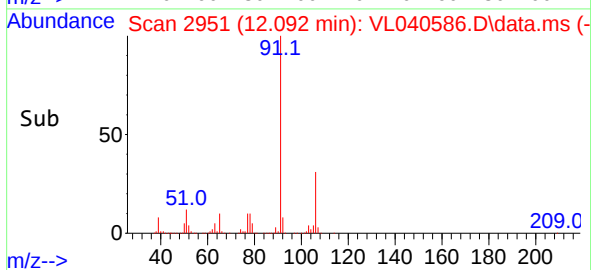
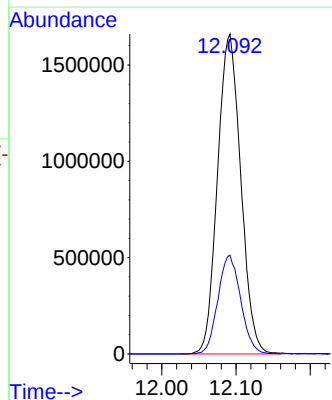
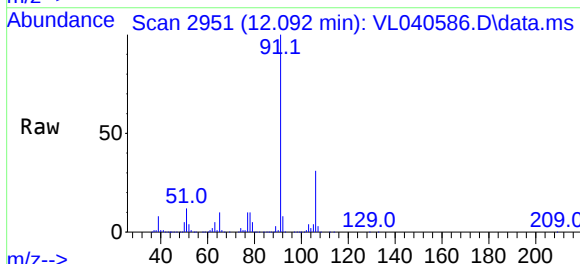
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

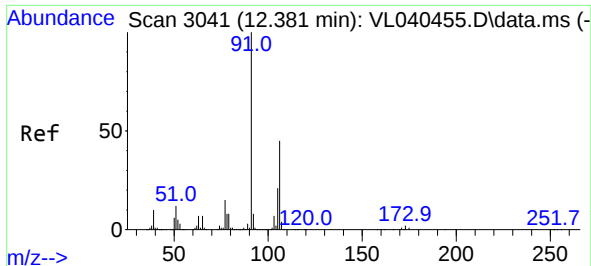
Tgt Ion:112 Resp: 2083368
Ion Ratio Lower Upper
112 100
77 68.9 51.0 76.6
114 32.8 28.3 34.5



#58
Ethyl Benzene
Concen: 8.090 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 91 Resp: 3611315
Ion Ratio Lower Upper
91 100
106 30.9 25.4 38.0





#59

m/p-Xylene

Concen: 8.990 ppbv

RT: 12.375 min Scan# 3041

Delta R.T. -0.010 min

Lab File: VL040586.D

Acq: 4 Aug 2023 10:02

Instrument :

MSVOA_L

ClientSampleId :

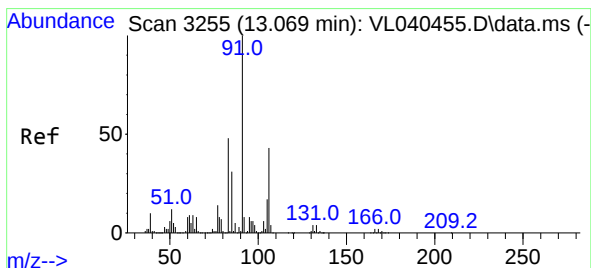
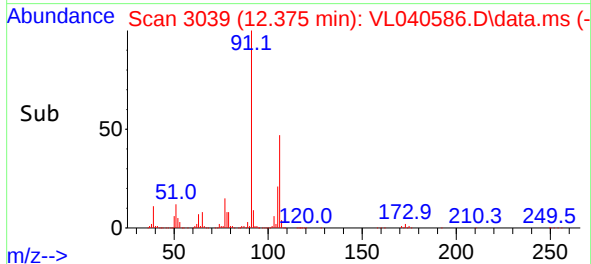
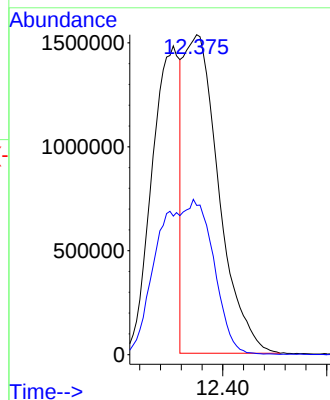
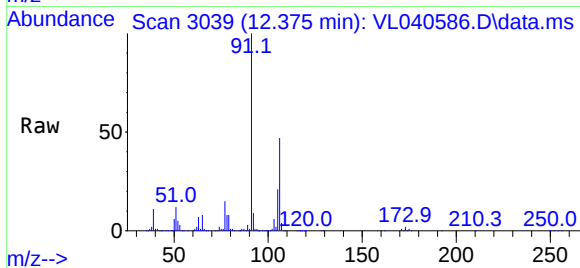
VL0804ABS01

Tgt Ion: 91 Resp: 3581694

Ion Ratio Lower Upper

91 100

106 78.3 35.9 53.9#



#60

o-Xylene

Concen: 8.246 ppbv

RT: 13.063 min Scan# 3253

Delta R.T. -0.006 min

Lab File: VL040586.D

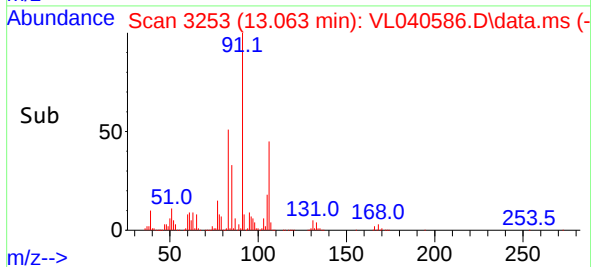
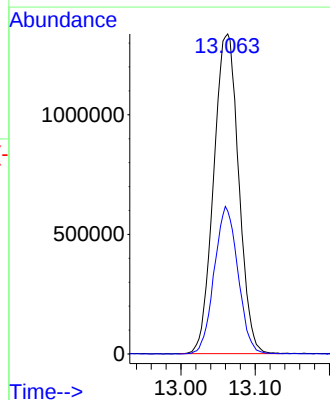
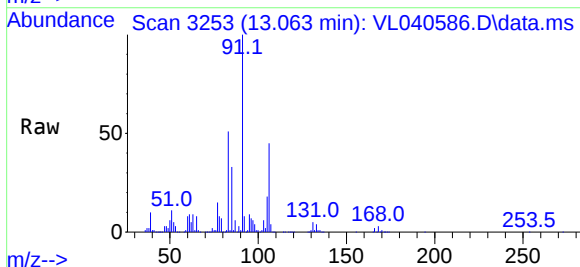
Acq: 4 Aug 2023 10:02

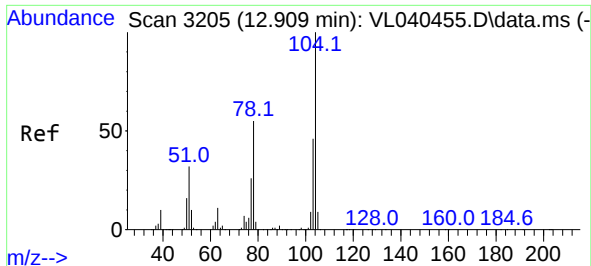
Tgt Ion: 91 Resp: 3129561

Ion Ratio Lower Upper

91 100

106 43.8 22.7 68.0

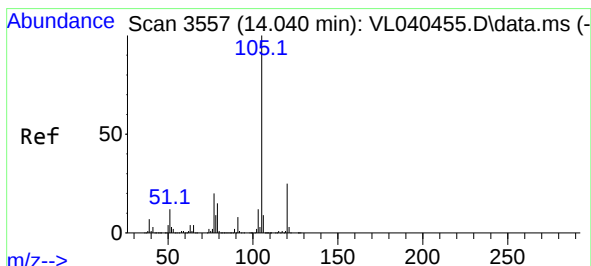
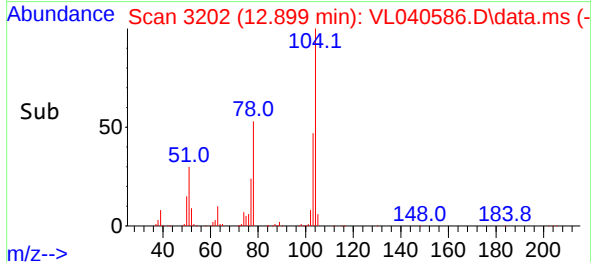
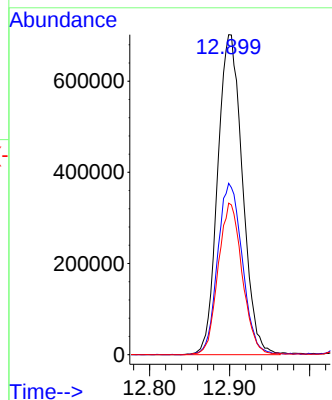
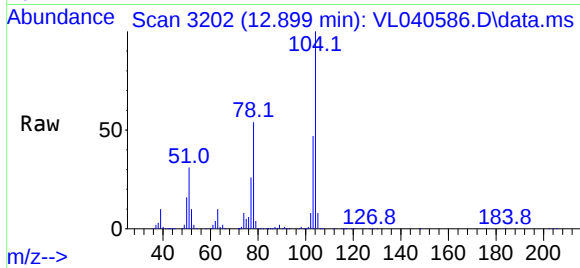




#61
Styrene
Concen: 8.604 ppbv
RT: 12.899 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

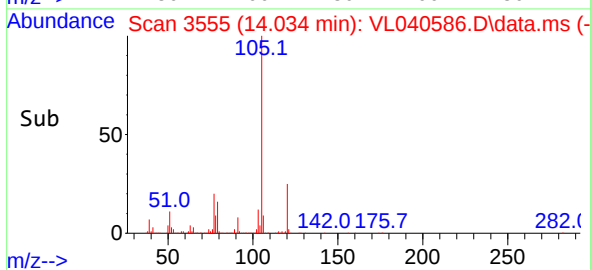
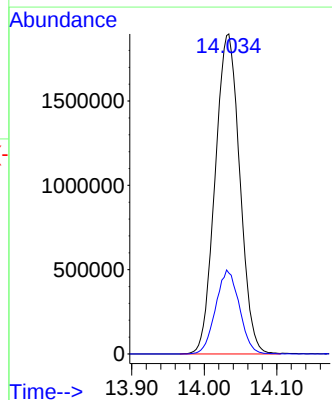
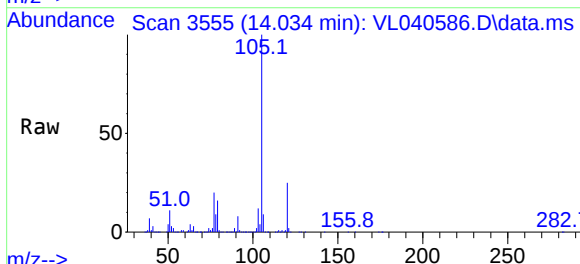
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

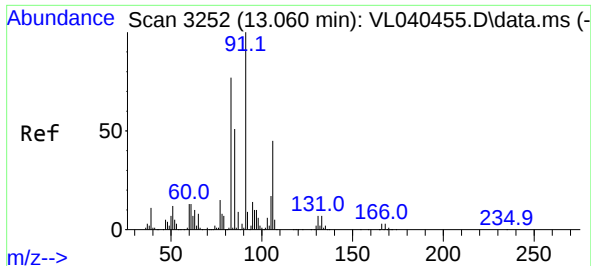
Tgt Ion:104 Resp: 1506278
Ion Ratio Lower Upper
104 100
78 53.6 40.1 60.1
103 46.1 37.0 55.4



#62
Isopropylbenzene
Concen: 7.871 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion:105 Resp: 4477694
Ion Ratio Lower Upper
105 100
120 25.2 20.8 31.2

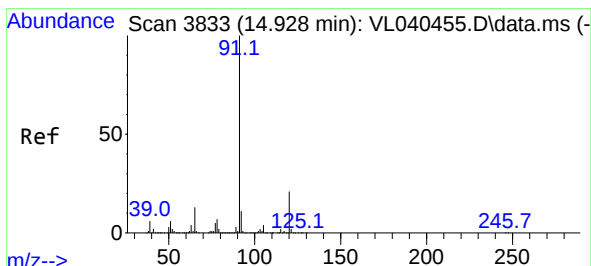
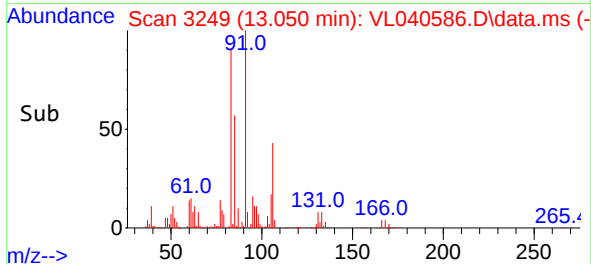
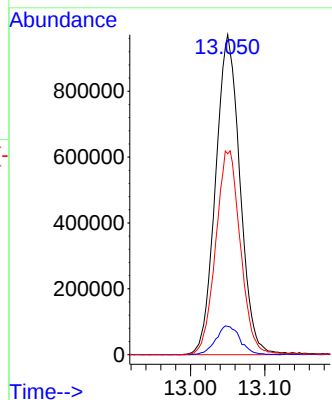
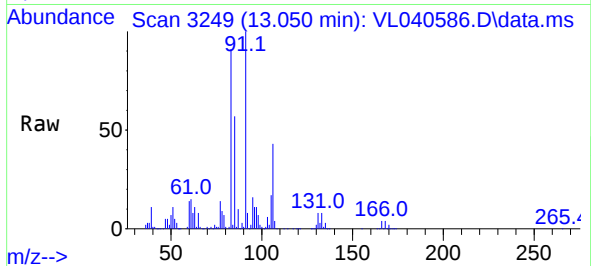




#63
1,1,2,2-Tetrachloroethane
Concen: 8.332 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

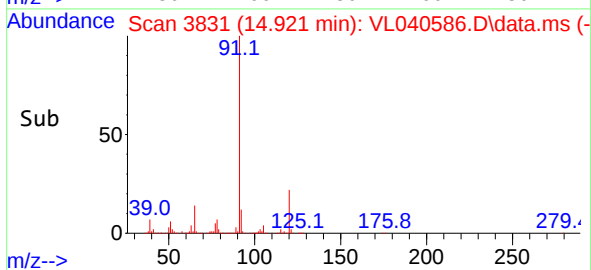
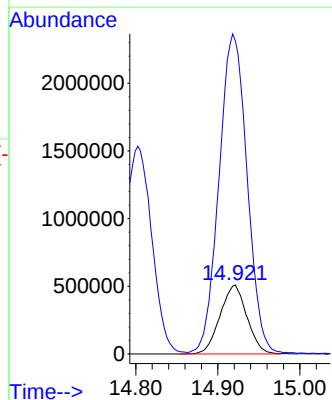
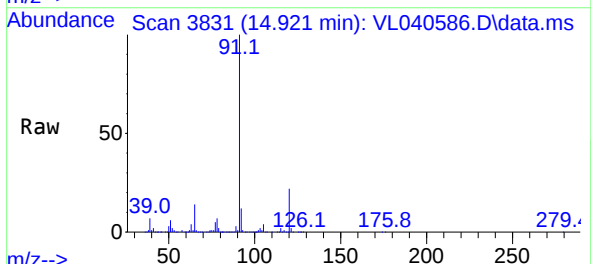
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

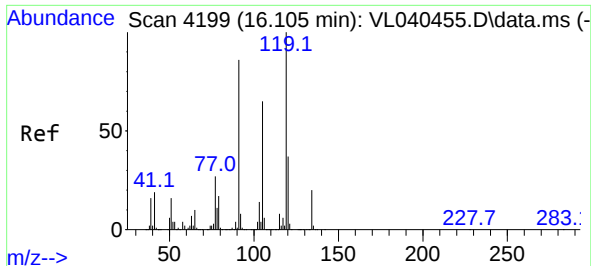
Tgt Ion: 83 Resp: 2214661
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 65.0 32.8 98.3



#64
n-propylbenzene
Concen: 7.862 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion:120 Resp: 1157143
Ion Ratio Lower Upper
120 100
91 489.1 374.3 561.5

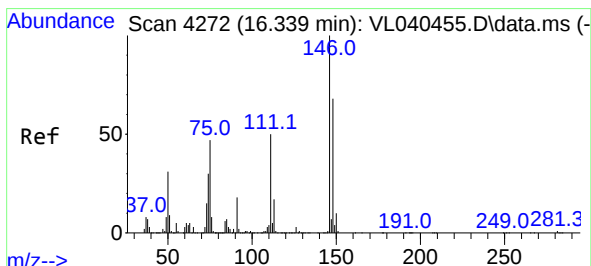
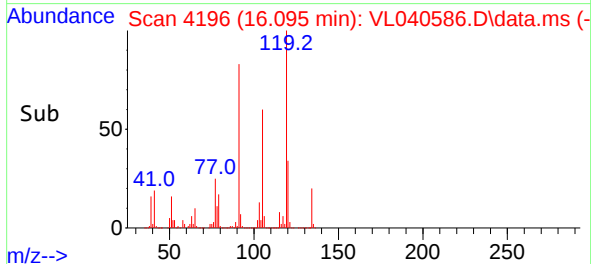
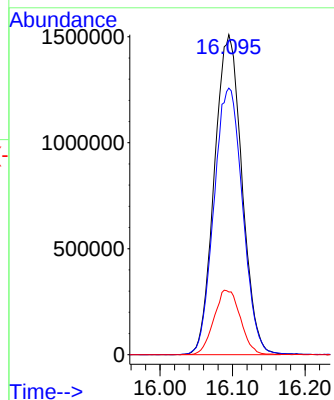
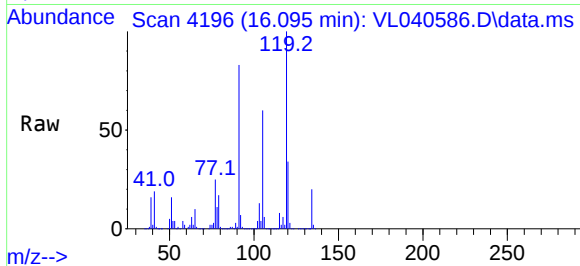




#65
tert-Butylbenzene
Concen: 7.912 ppbv
RT: 16.095 min Scan# 4199
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

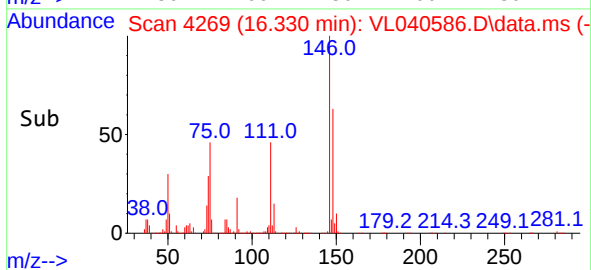
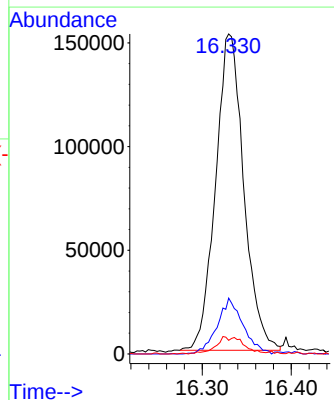
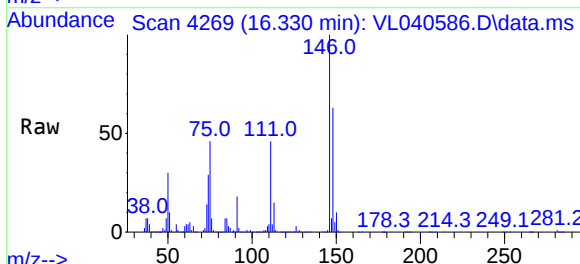
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

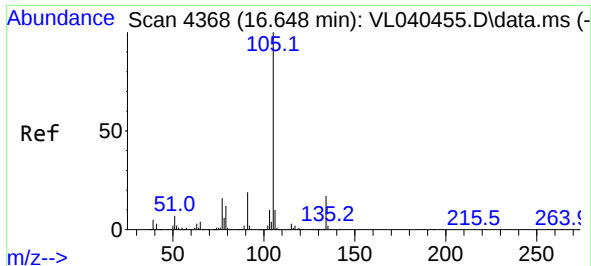
Tgt Ion:119 Resp: 3984409
Ion Ratio Lower Upper
119 100
91 87.0 66.1 99.1
134 19.5 15.7 23.5



#66
Benzyl Chloride
Concen: 9.422 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 91 Resp: 335664
Ion Ratio Lower Upper
91 100
126 16.7 15.4 23.2
128 5.6 4.5 6.7

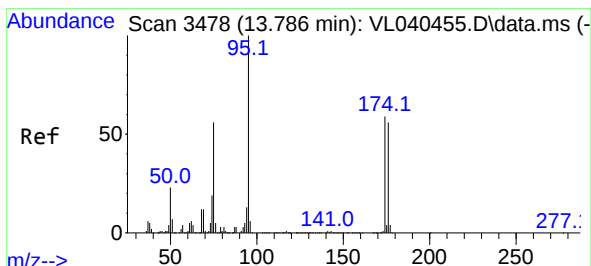
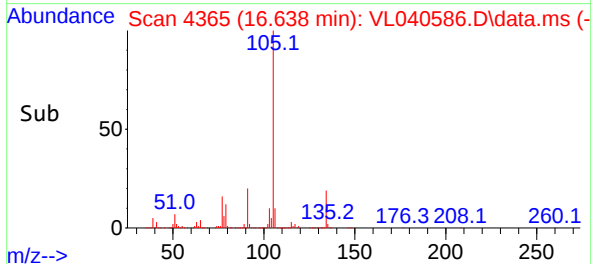
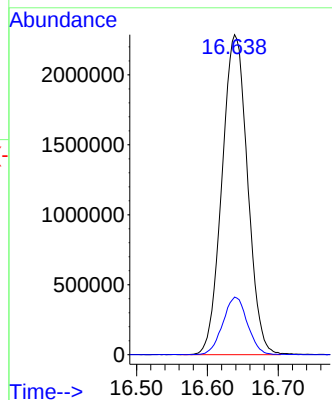
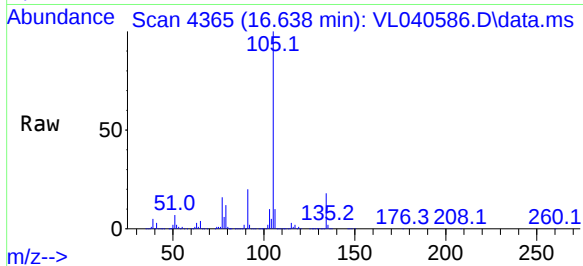




#67
 sec-Butylbenzene
 Concen: 7.741 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

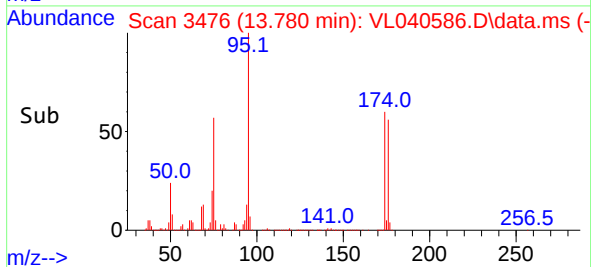
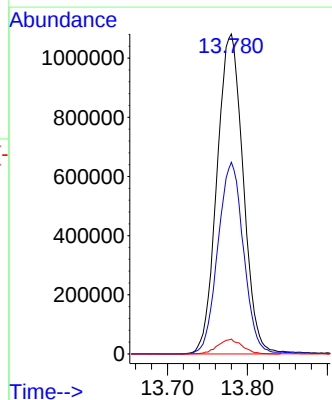
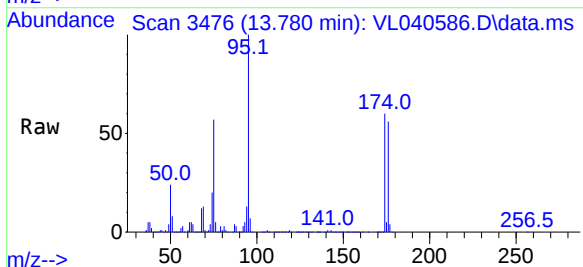
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABS01

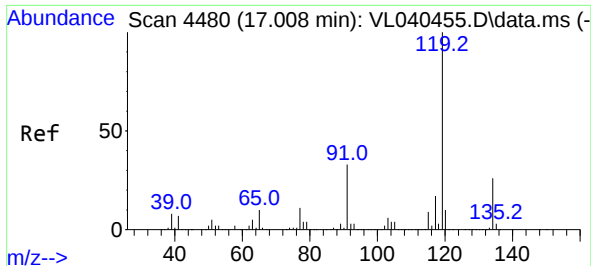
Tgt Ion:105 Resp: 5727843
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 8.720 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. -0.003 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

Tgt Ion: 95 Resp: 2454882
 Ion Ratio Lower Upper
 95 100
 174 59.2 50.6 75.8
 175 4.4 3.7 5.5

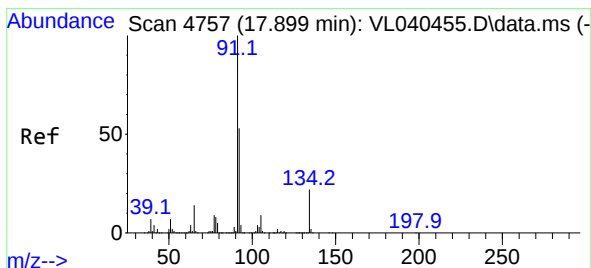
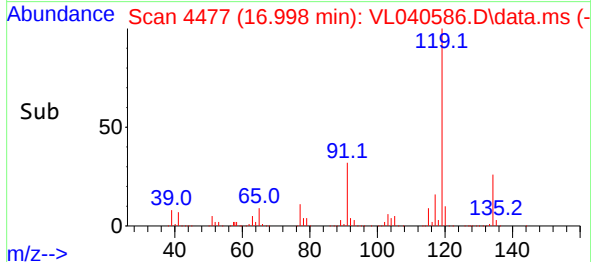
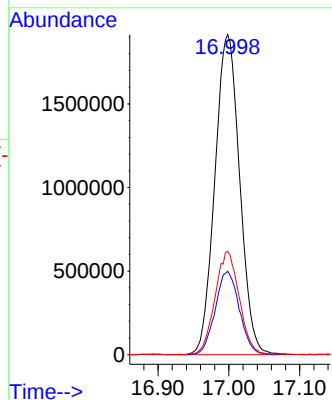
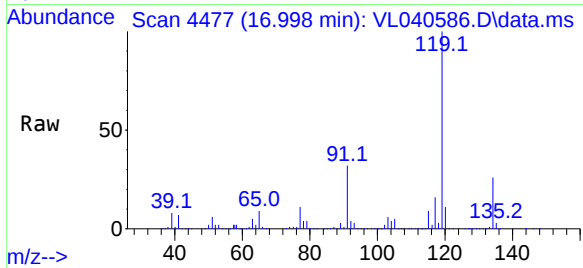




#69
p-Isopropyltoluene
Concen: 7.611 ppbv
RT: 16.998 min Scan# 4480
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

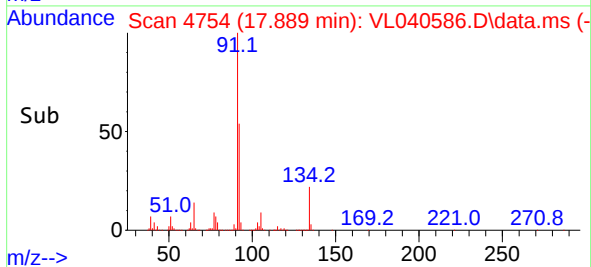
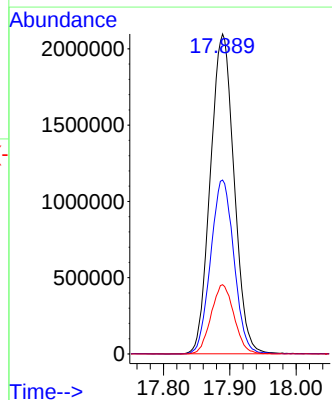
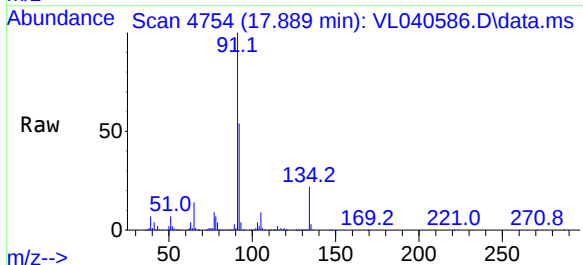
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

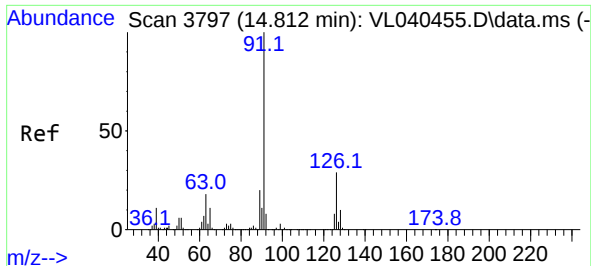
Tgt Ion:119 Resp: 4653710
Ion Ratio Lower Upper
119 100
134 25.4 20.5 30.7
91 31.6 23.8 35.8



#70
n-Butylbenzene
Concen: 7.639 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 91 Resp: 5209287
Ion Ratio Lower Upper
91 100
92 53.7 43.4 65.0
134 21.1 18.1 27.1

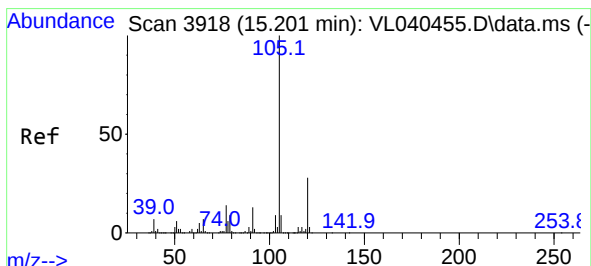
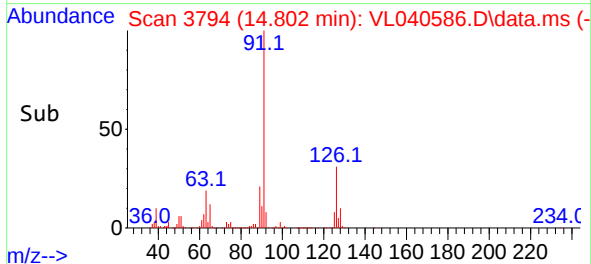
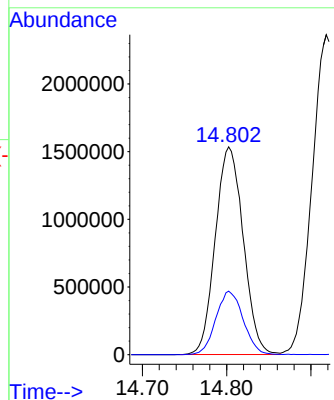
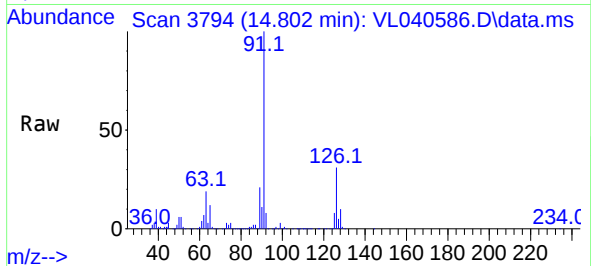




#71
2-Chlorotoluene
Concen: 8.056 ppbv
RT: 14.802 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

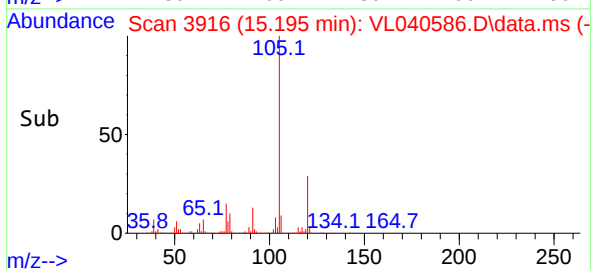
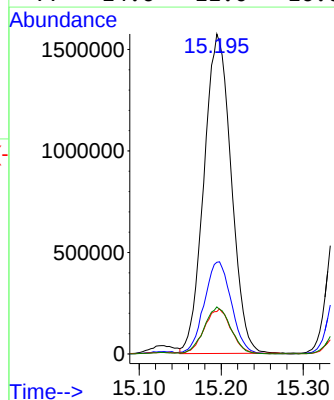
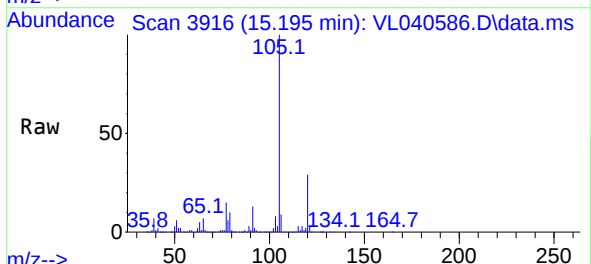
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

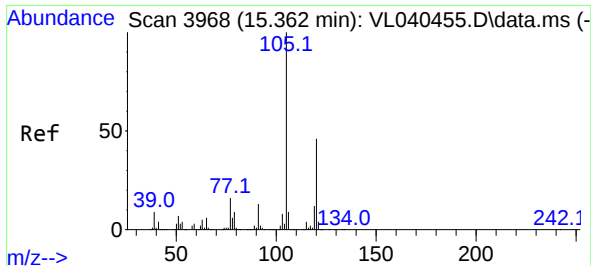
Tgt Ion: 91 Resp: 3532016
Ion Ratio Lower Upper
91 100
126 30.1 12.4 49.8



#72
4-Ethyltoluene
Concen: 8.163 ppbv
RT: 15.195 min Scan# 3916
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion: 105 Resp: 3631736
Ion Ratio Lower Upper
105 100
120 28.8 24.6 37.0
91 14.6 10.7 16.1
77 14.6 11.0 16.6

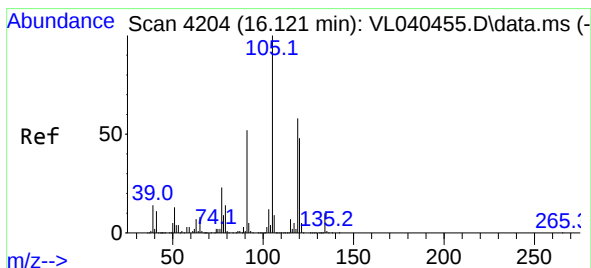
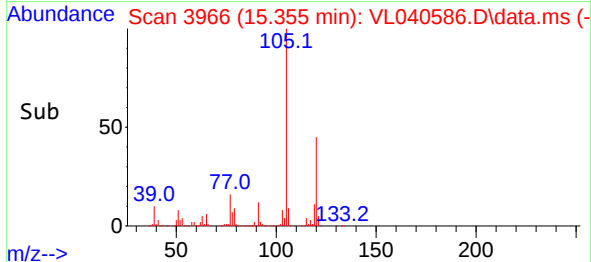
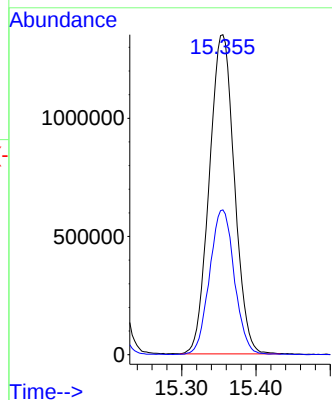
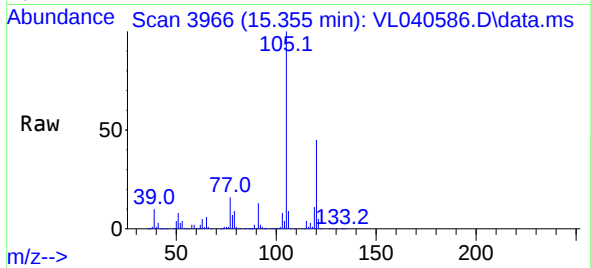




#73
1,3,5-Trimethylbenzene
Concen: 8.077 ppbv
RT: 15.355 min Scan# 3966
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

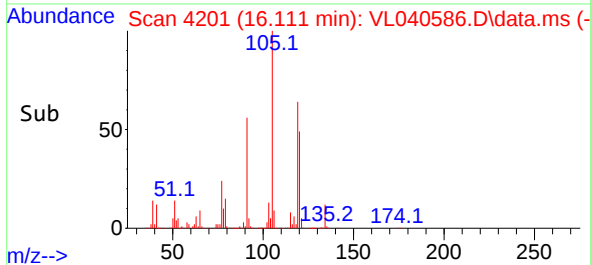
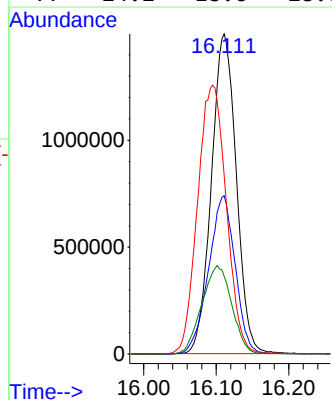
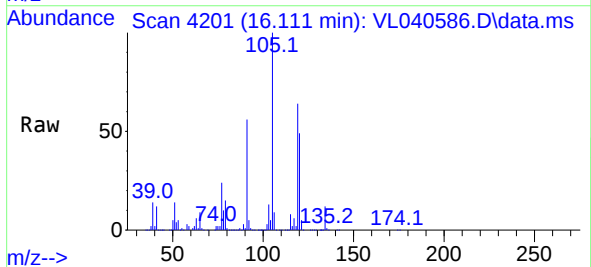
Instrument :
MSVOA_1
ClientSampleId :
VL0804ABS01

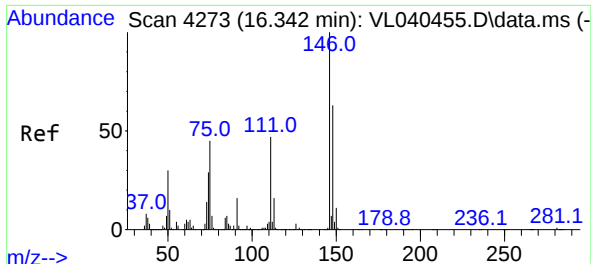
Tgt Ion:105 Resp: 3167572
Ion Ratio Lower Upper
105 100
120 45.2 38.2 57.2



#74
1,2,4-Trimethylbenzene
Concen: 7.805 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion:105 Resp: 3568577
Ion Ratio Lower Upper
105 100
120 49.3 40.3 60.5
91 55.5 46.8 70.2
77 24.2 18.6 28.0

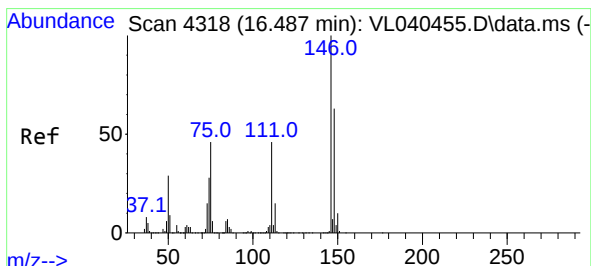
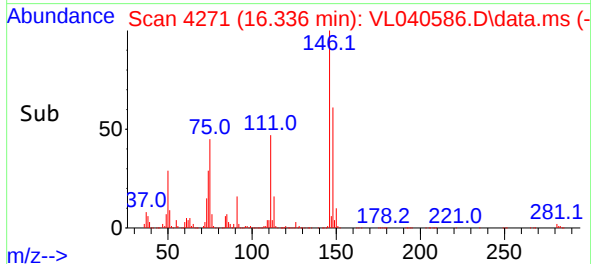
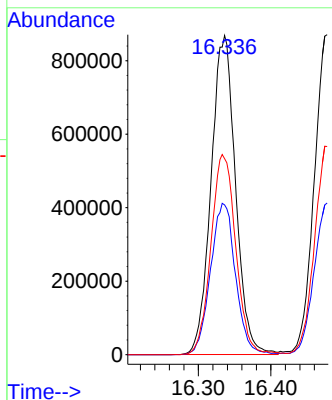
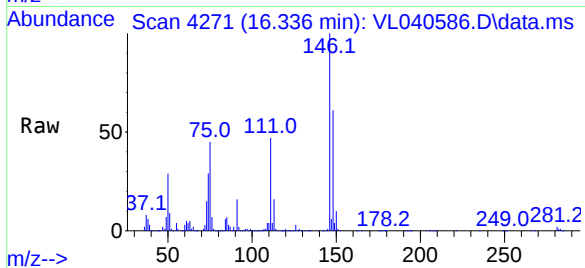




#75
1,3-Dichlorobenzene
Concen: 7.344 ppbv
RT: 16.336 min Scan# 4315
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

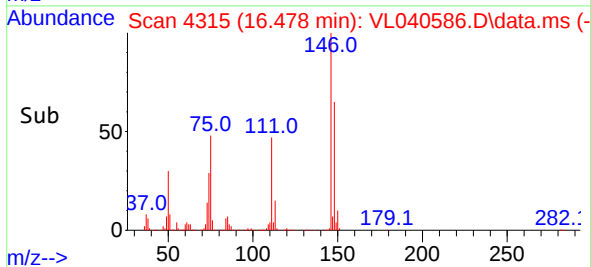
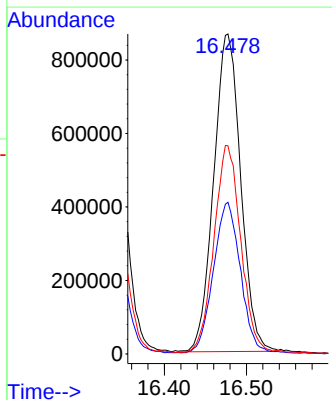
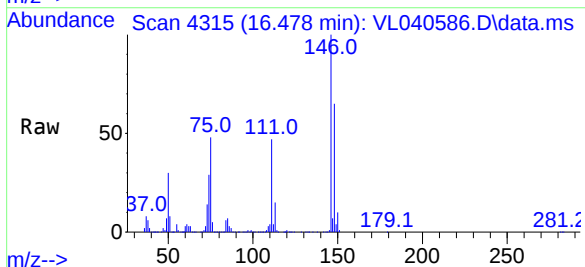
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

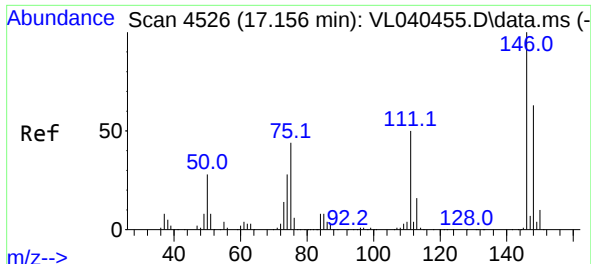
Tgt Ion:146 Resp: 2035957
Ion Ratio Lower Upper
146 100
111 48.6 23.6 71.0
148 63.9 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 7.291 ppbv
RT: 16.478 min Scan# 4315
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion:146 Resp: 1981727
Ion Ratio Lower Upper
146 100
111 48.7 22.8 68.3
148 66.5 32.6 97.8

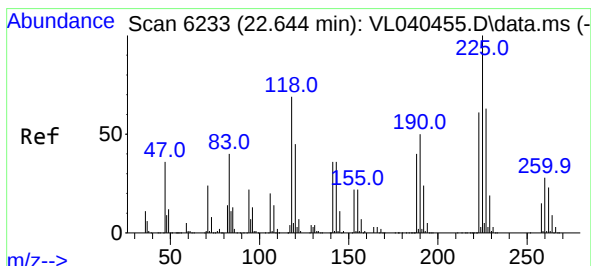
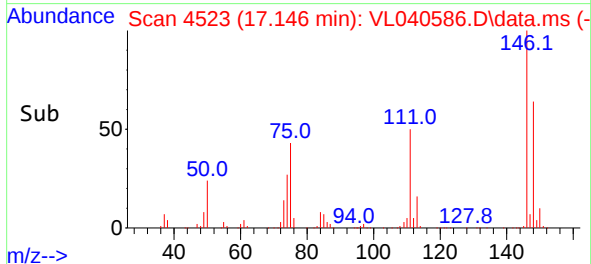
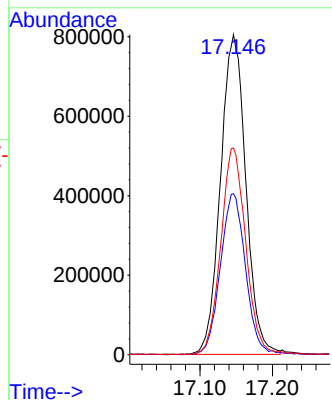
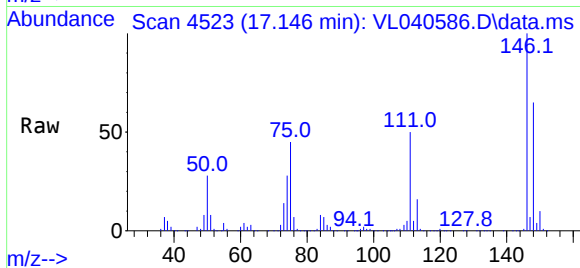




#77
1,2-Dichlorobenzene
Concen: 7.342 ppbv
RT: 17.146 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

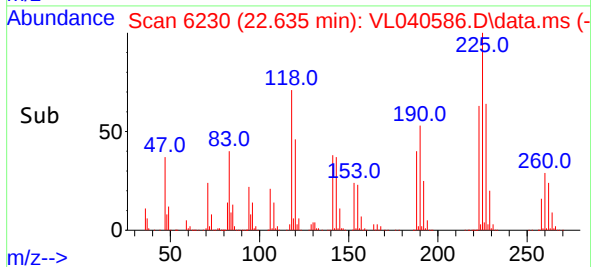
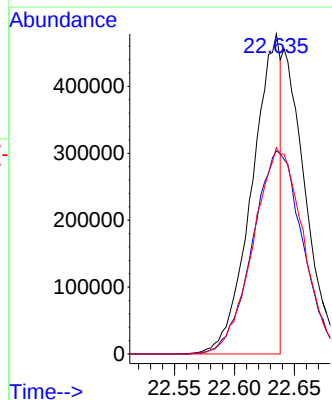
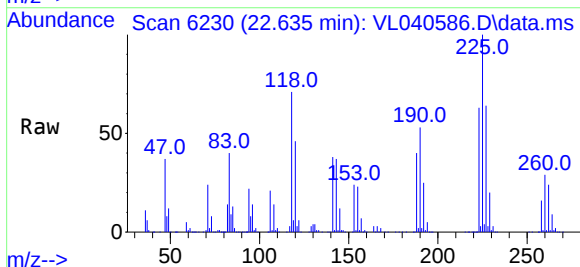
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

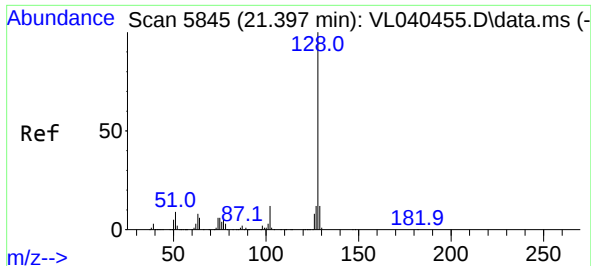
Tgt Ion:146 Resp: 1946254
Ion Ratio Lower Upper
146 100
111 50.4 24.3 72.8
148 63.9 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 3.178 ppbv
RT: 22.635 min Scan# 6230
Delta R.T. -0.013 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

Tgt Ion:225 Resp: 791219
Ion Ratio Lower Upper
225 100
223 112.4 50.3 75.5#
227 112.9 51.0 76.6#

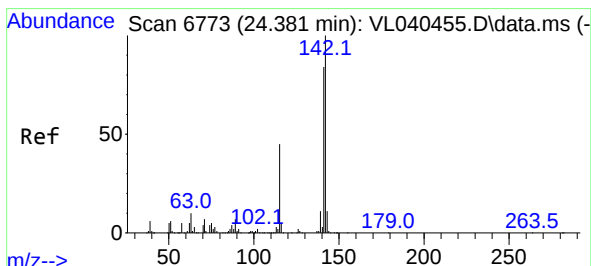
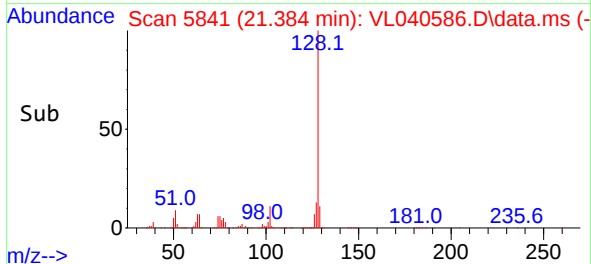
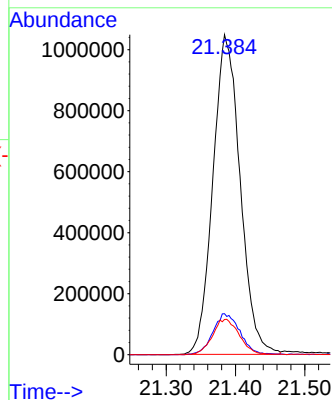
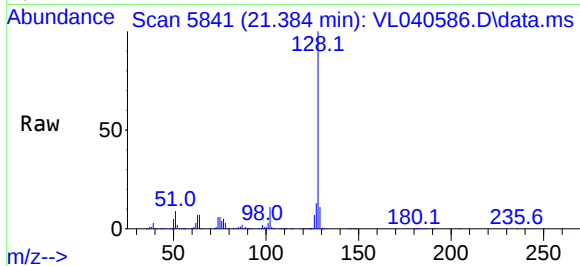




#79
Naphthalene
Concen: 7.387 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. -0.010 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

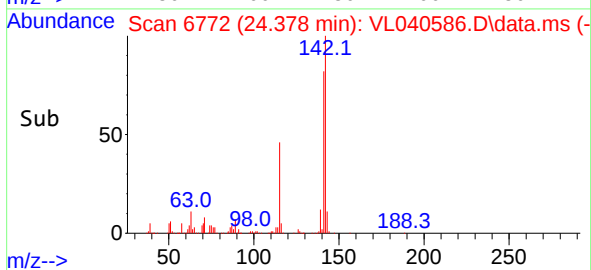
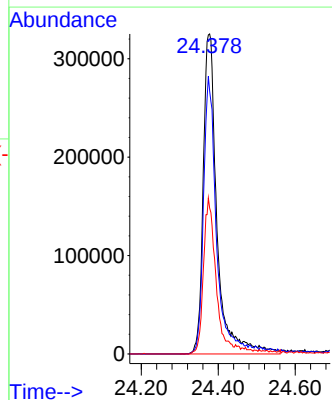
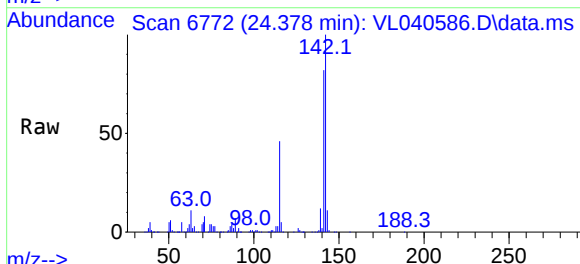
Instrument :
MSVOA_L
ClientSampleId :
VL0804ABS01

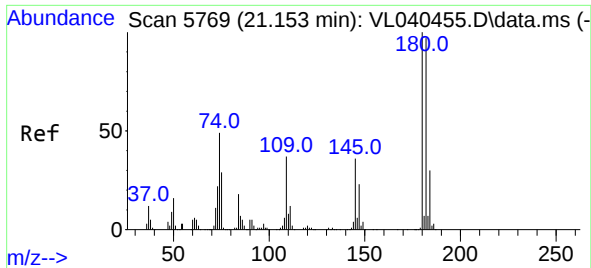
Tgt Ion:128 Resp: 2857625
Ion Ratio Lower Upper
128 100
127 12.8 10.7 16.1
129 11.0 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 5.092 ppbv
RT: 24.378 min Scan# 6772
Delta R.T. -0.000 min
Lab File: VL040586.D
Acq: 4 Aug 2023 10:02

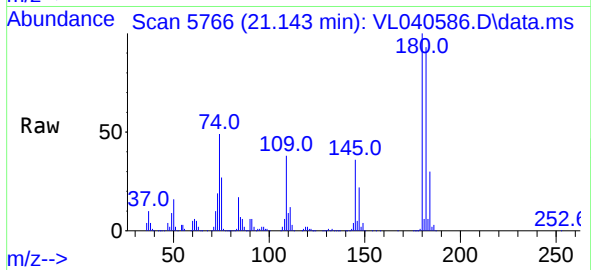
Tgt Ion:142 Resp: 812261
Ion Ratio Lower Upper
142 100
141 83.5 66.7 100.1
115 46.3 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 6.313 ppbv
 RT: 21.143 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VL040586.D
 Acq: 4 Aug 2023 10:02

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0804ABS01



Tgt Ion:180 Resp: 1682863

Ion	Ratio	Lower	Upper
180	100		
182	96.7	77.5	116.3
184	30.8	24.5	36.7

