

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040512.D
 Acq On : 10 Jul 2023 15:55
 Operator : SY/MD
 Sample : VSTDIC015
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

Quant Time: Jul 11 02:14:49 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	5.205	49	1039401	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2564373	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2529620	10.000	ppbv	# 0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2110498	10.542	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.400%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.738	85	3017830	14.515	ppbv	98
3) Chlorodifluoromethane	2.681	51	2242181	13.610	ppbv	95
4) Chloromethane	2.819	50	885854	13.573	ppbv	93
5) Vinyl Chloride	2.928	62	981129	14.316	ppbv	99
6) Bromomethane	3.124	94	432409	14.949	ppbv	98
7) Chloroethane	3.205	64	334362	13.906	ppbv	95
8) Dichlorotetrafluoroethane	2.864	85	2416970	14.130	ppbv	99
9) Propene	2.700	41	695970	12.339	ppbv	98
10) Heptane	7.590	43	1825339	14.656	ppbv	100
11) Trichlorofluoromethane	3.571	101	2571776	15.330	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.073	101	1785196	15.110	ppbv	96
13) Ethanol	3.243	45	139430	11.362	ppbv	99
14) Bromoethene	3.372	108	784147	15.435	ppbv	99
15) Acetone	3.475	43	1680670	14.047	ppbv	97
16) 1,3-Butadiene	2.992	39	888802	14.725	ppbv	97
17) tert-Butyl alcohol	3.886	59	1639073	13.245	ppbv	100
18) 1,1-Dichloroethene	3.886	96	824822	15.186	ppbv	97
19) Isopropyl Alcohol	3.581	45	918707	13.376	ppbv #	96
20) Methylene Chloride	3.941	84	695798	13.672	ppbv	96
21) Allyl Chloride	4.005	41	970823	14.209	ppbv	95
22) trans-1,2-Dichloroethene	4.452	96	865630	16.153	ppbv	92
23) Vinyl Acetate	4.635	43	1787239	15.680	ppbv	99
24) 1,1-Dichloroethane	4.571	63	1672927	14.460	ppbv	100
25) Ethyl Acetate	5.214	43	3220070	14.137	ppbv	100
26) Hexane	5.221	57	1413458	13.357	ppbv	96
27) Carbon Disulfide	4.131	76	2073043	16.655	ppbv	100
28) Methyl tert-Butyl Ether	4.594	73	1231381	14.455	ppbv	99
29) Chloroform	5.285	83	2527334	14.400	ppbv	100
30) Cyclohexane	6.616	84	1213598	13.783	ppbv	96
31) cis-1,2-Dichloroethene	5.086	61	1505840	14.397	ppbv	97
32) 1,1,1-Trichloroethane	6.015	97	2594368	15.107	ppbv	99
34) 2-Butanone	4.793	43	1957985	15.452	ppbv	99
35) Carbon Tetrachloride	6.504	117	2695617	17.467	ppbv	99
36) Benzene	6.381	78	3022865	14.650	ppbv	97
37) 1,2-Dichloroethane	5.819	62	1980379	16.315	ppbv	98
38) Trichloroethene	7.304	130	1245805	15.963	ppbv	93
39) 1,2-Dichloropropane	7.086	63	1176254	14.809	ppbv	93
40) 1,4-Dioxane	7.298	88	377799	15.207	ppbv #	92
41) Tetrahydrofuran	5.565	42	1126382	15.233	ppbv	99
42) Bromodichloromethane	7.266	83	2806082	16.621	ppbv	100
43) Methyl Methacrylate	7.484	69	1279148	16.563	ppbv	98
44) 2,2,4-Trimethylpentane	7.340	57	4933825	14.862	ppbv	97
45) t-1,3-Dichloropropene	8.725	75	939524	18.964	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040512.D
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 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

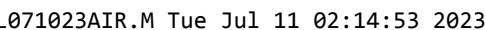
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

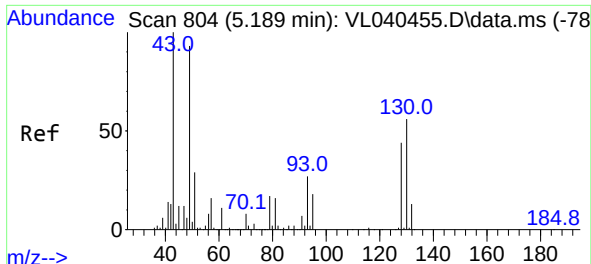
Quant Time: Jul 11 02:14:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	1109564	17.456	ppbv	93
47) 1,1,2-Trichloroethane	8.912	97	1333288	15.214	ppbv	97
48) Dibromochloromethane	9.725	129	2365499	17.458	ppbv	99
49) Bromoform	12.423	173	1984520	18.474	ppbv	100
50) 4-Methyl-2-Pentanone	8.192	43	3038972	16.506	ppbv	97
51) 2-Hexanone	9.561	43	2305889	17.711	ppbv	97
52) Tetrachloroethene	10.629	164	1111876	16.640	ppbv	96
53) Toluene	9.233	91	3558321	15.876	ppbv	100
54) 1,2-Dibromoethane	10.024	107	1860893	17.083	ppbv	98
56) 1,1,1,2-Tetrachloroethane	11.523	131	1747631	15.426	ppbv #	77
57) Chlorobenzene	11.539	112	2871422	14.555	ppbv	98
58) Ethyl Benzene	12.105	91	4999311	15.748	ppbv	99
59) m/p-Xylene	12.388	91	5012485	17.691	ppbv #	50
60) o-Xylene	13.076	91	4275971	15.842	ppbv	100
61) Styrene	12.912	104	2168669	17.418	ppbv	97
62) Isopropylbenzene	14.043	105	6193838	15.310	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	3004902	15.897	ppbv	99
64) n-propylbenzene	14.931	120	1638387	15.653	ppbv	98
65) tert-Butylbenzene	16.108	119	5563166	15.533	ppbv	97
66) Benzyl Chloride	16.346	91	479851	18.939	ppbv	98
67) sec-Butylbenzene	16.651	105	8001729	15.206	ppbv	100
69) p-Isopropyltoluene	17.011	119	6665398	15.327	ppbv	98
70) n-Butylbenzene	17.902	91	7515996	15.498	ppbv	99
71) 2-Chlorotoluene	14.815	91	4931343	15.817	ppbv	99
72) 4-Ethyltoluene	15.207	105	5138289	16.240	ppbv	98
73) 1,3,5-Trimethylbenzene	15.365	105	4499108	16.132	ppbv	97
74) 1,2,4-Trimethylbenzene	16.124	105	5080562	15.625	ppbv	96
75) 1,3-Dichlorobenzene	16.349	146	3013622	15.286	ppbv	99
76) 1,4-Dichlorobenzene	16.490	146	2976688	15.398	ppbv	99
77) 1,2-Dichlorobenzene	17.159	146	2894875	15.357	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	2566632	14.498	ppbv	100
79) Naphthalene	21.397	128	5347135	19.436	ppbv	99
80) Naphthalene,2-methyl-	24.381	142	2382110	20.999	ppbv	97
81) 1,2,4-Trichlorobenzene	21.156	180	3114749	16.429	ppbv	100

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

Quant Time: Jul 11 02:14:49 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
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QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

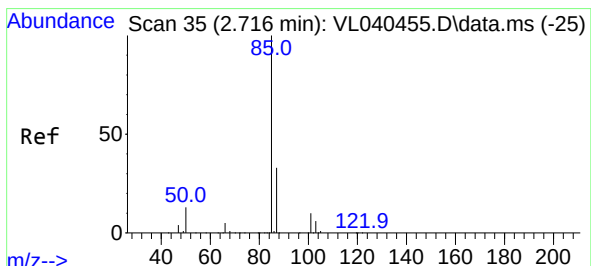
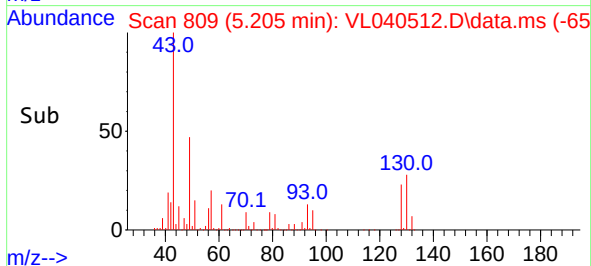
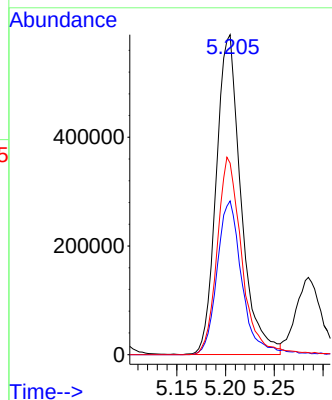
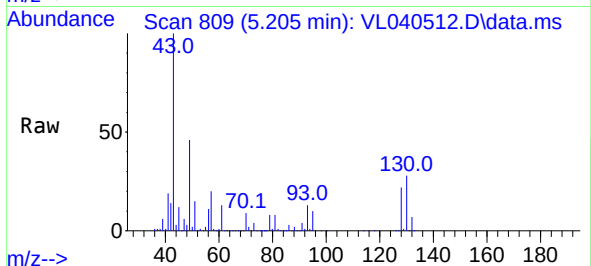




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.205 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

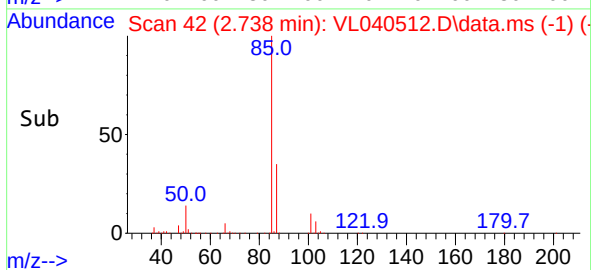
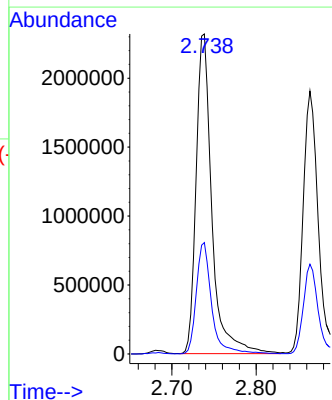
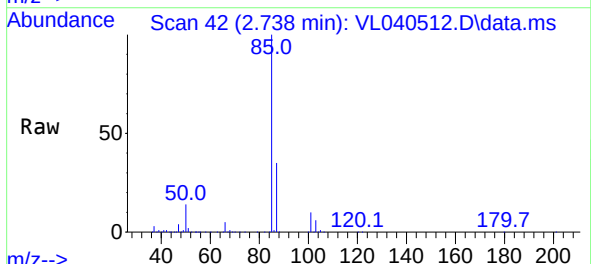
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

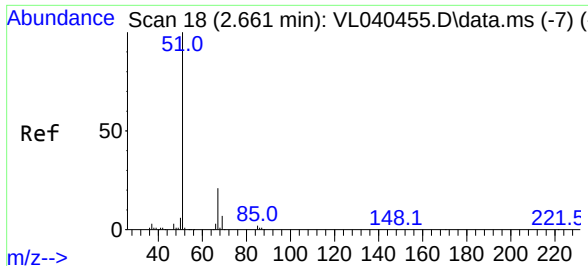
Tgt Ion: 49 Resp: 1039401
Ion Ratio Lower Upper
49 100
128 49.2 25.1 75.4
130 62.4 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 14.515 ppbv
RT: 2.738 min Scan# 42
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 85 Resp: 3017830
Ion Ratio Lower Upper
85 100
87 34.8 26.8 40.2





#3

Chlorodifluoromethane

Concen: 13.610 ppbv

RT: 2.681 min Scan# 24

Delta R.T. -0.003 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Instrument :

MSVOA_L

ClientSampleId :

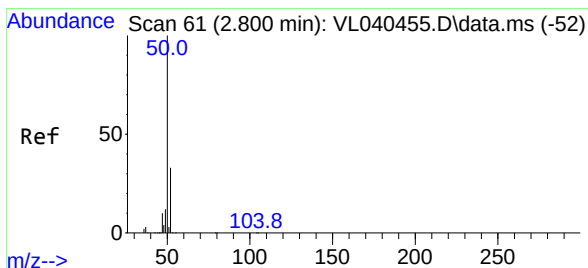
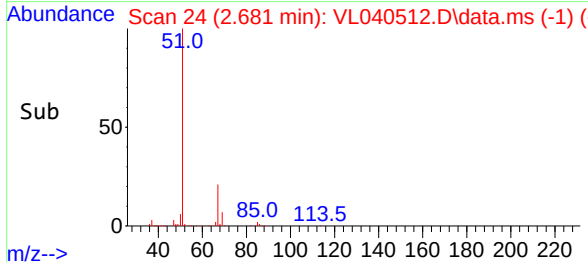
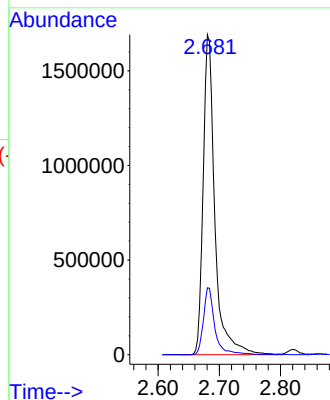
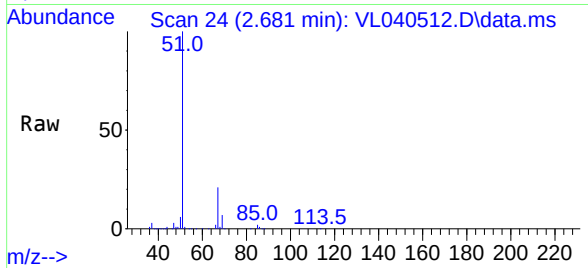
VSTDICC015

Tgt Ion: 51 Resp: 2242181

Ion Ratio Lower Upper

51 100

67 20.5 14.6 21.8



#4

Chloromethane

Concen: 13.573 ppbv

RT: 2.819 min Scan# 67

Delta R.T. -0.003 min

Lab File: VL040512.D

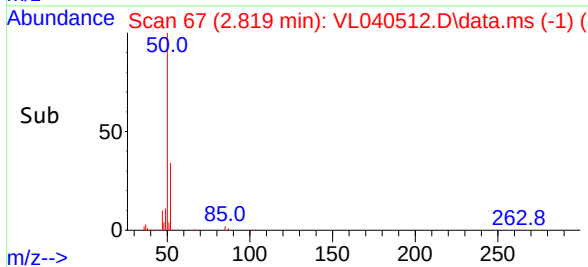
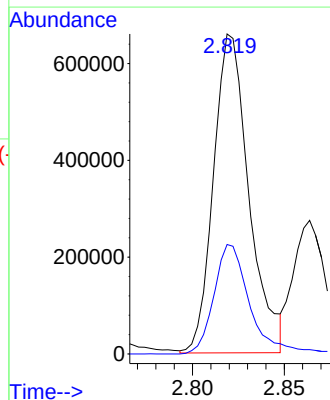
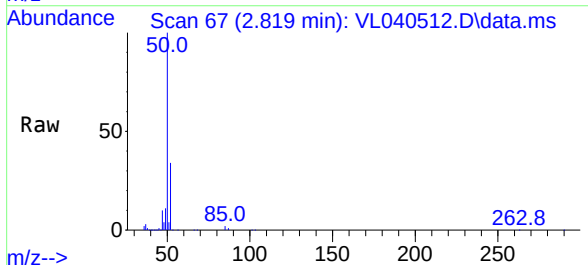
Acq: 10 Jul 2023 15:55

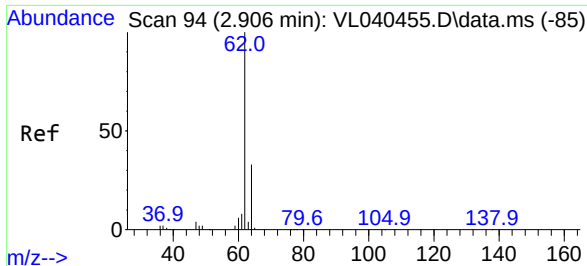
Tgt Ion: 50 Resp: 885854

Ion Ratio Lower Upper

50 100

52 34.5 24.4 36.6

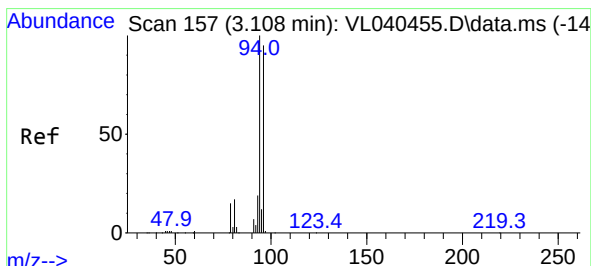
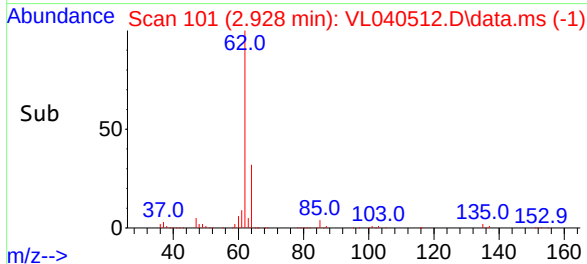
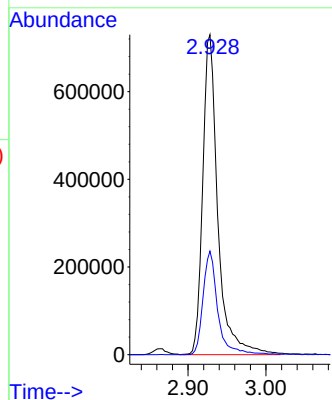
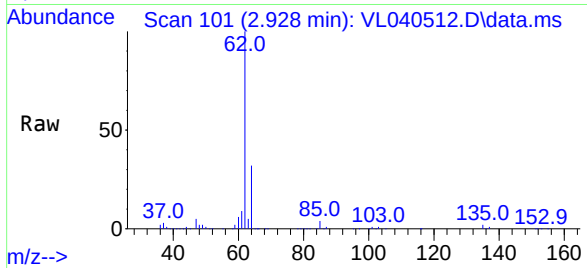




#5
 Vinyl Chloride
 Concen: 14.316 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. -0.000 min
 Lab File: VL040512.D
 Acq: 10 Jul 2023 15:55

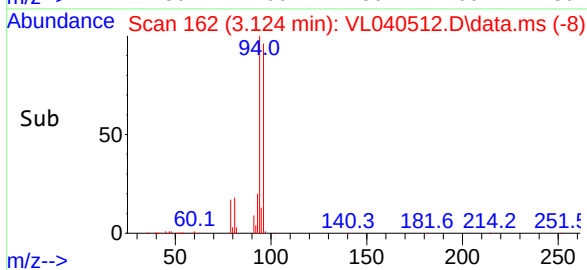
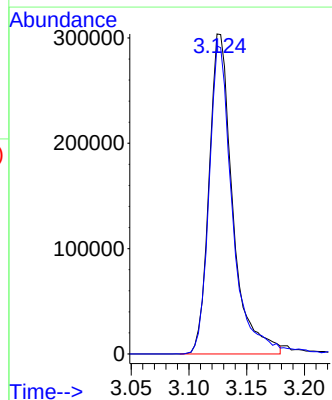
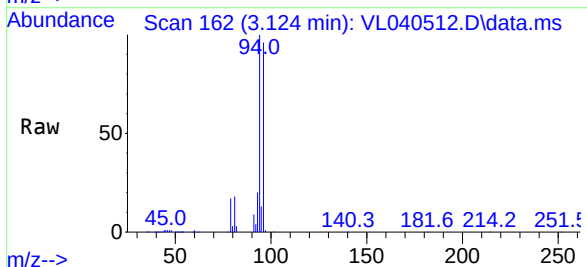
Instrument :
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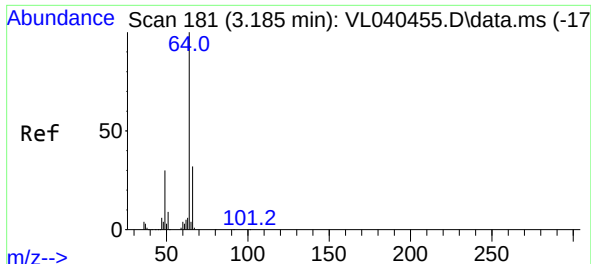
Tgt Ion: 62 Resp: 981129
 Ion Ratio Lower Upper
 62 100
 64 32.3 26.4 39.6



#6
 Bromomethane
 Concen: 14.949 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VL040512.D
 Acq: 10 Jul 2023 15:55

Tgt Ion: 94 Resp: 432409
 Ion Ratio Lower Upper
 94 100
 96 96.2 75.7 113.5

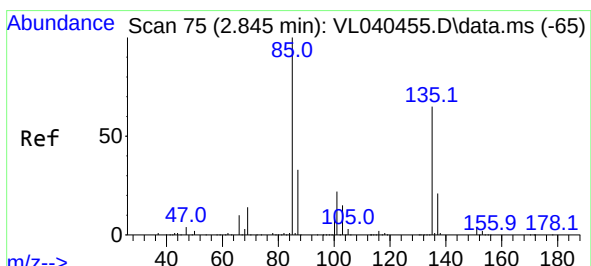
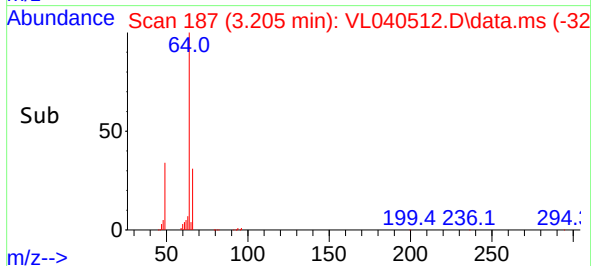
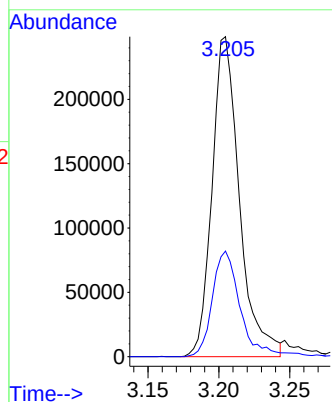
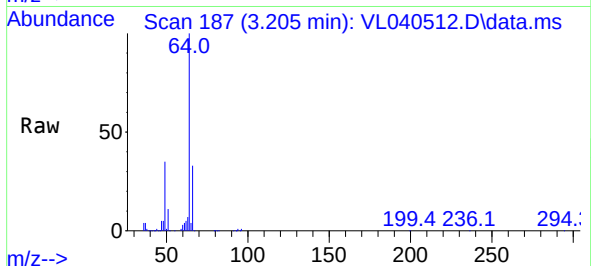




#7
Chloroethane
Concen: 13.906 ppbv
RT: 3.205 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

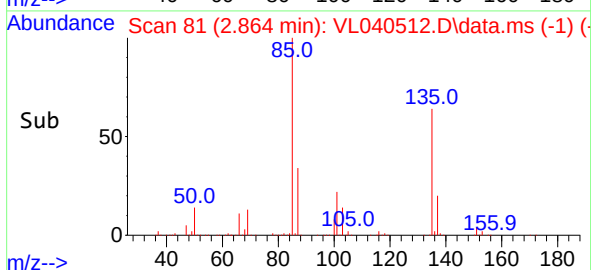
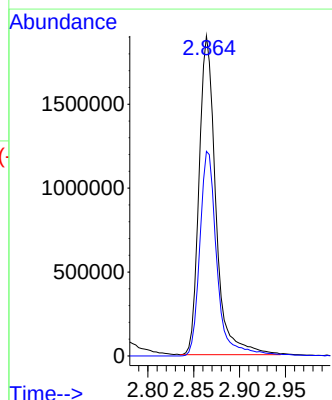
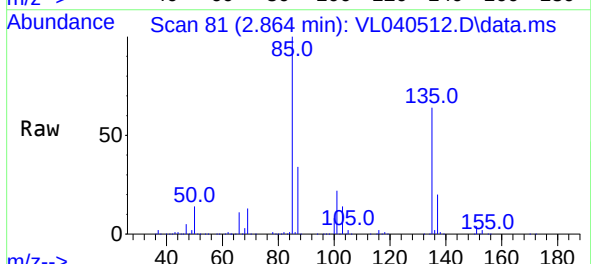
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC015

Tgt Ion: 64 Resp: 334362
Ion Ratio Lower Upper
64 100
66 33.0 24.4 36.6

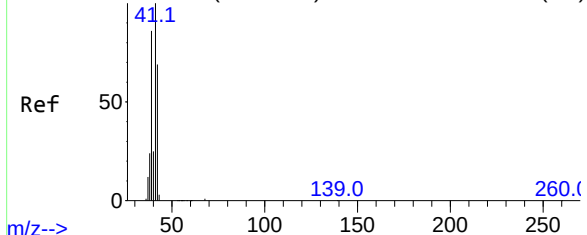


#8
Dichlorotetrafluoroethane
Concen: 14.130 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 85 Resp: 2416970
Ion Ratio Lower Upper
85 100
135 66.3 52.4 78.6



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

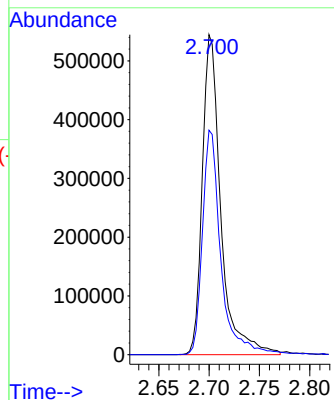
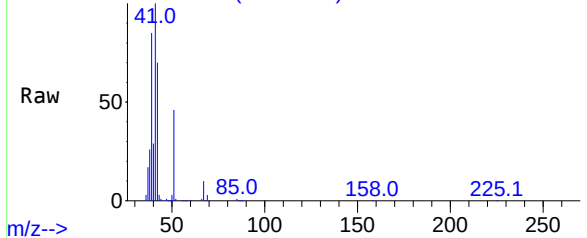


#9
Propene
Concen: 12.339 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

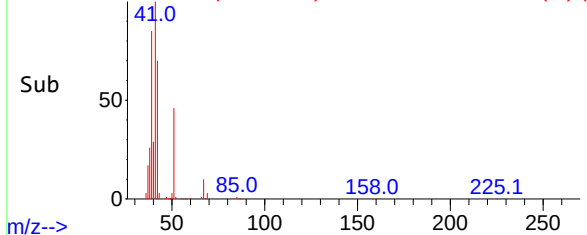
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 41 Resp: 695970
Ion Ratio Lower Upper
41 100
42 70.4 55.0 82.6

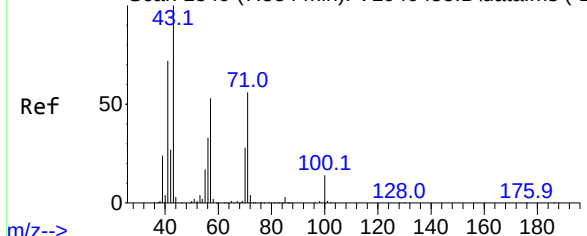
Abundance Scan 30 (2.700 min): VL040512.D\data.ms



Abundance Scan 30 (2.700 min): VL040512.D\data.ms (-1)



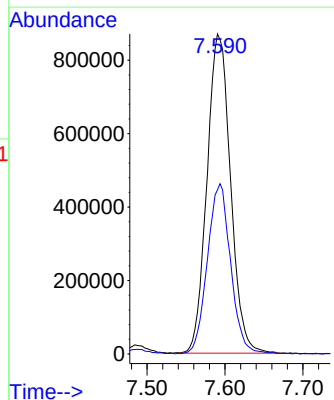
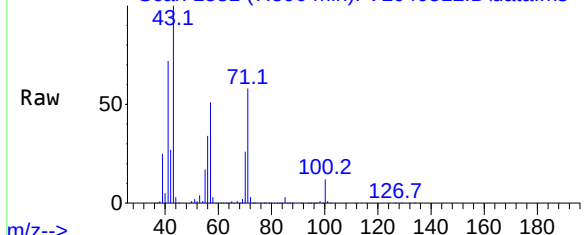
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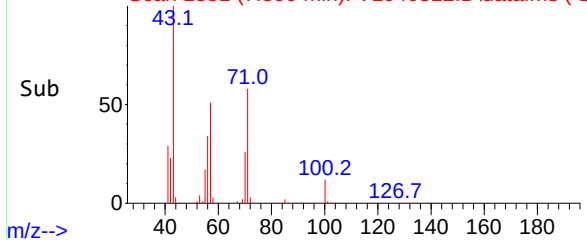
#10
Heptane
Concen: 14.656 ppbv
RT: 7.590 min Scan# 1551
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

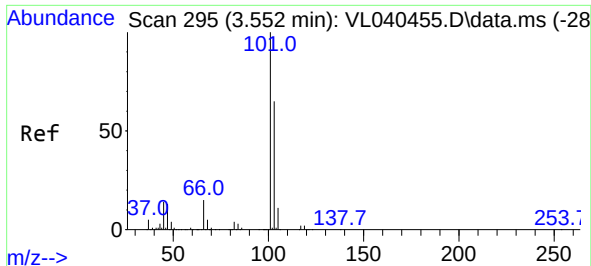
Tgt Ion: 43 Resp: 1825339
Ion Ratio Lower Upper
43 100
57 52.8 42.5 63.7

Abundance Scan 1551 (7.590 min): VL040512.D\data.ms



Abundance Scan 1551 (7.590 min): VL040512.D\data.ms (-1)

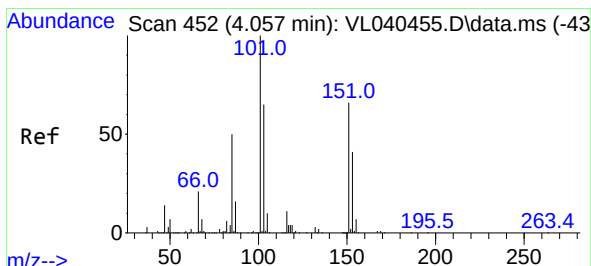
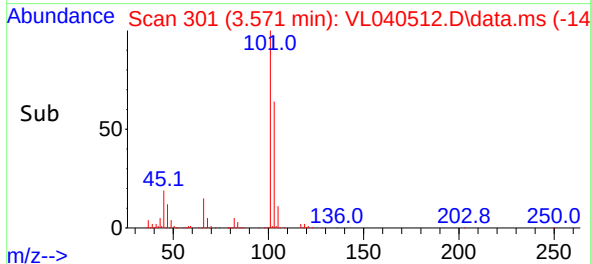
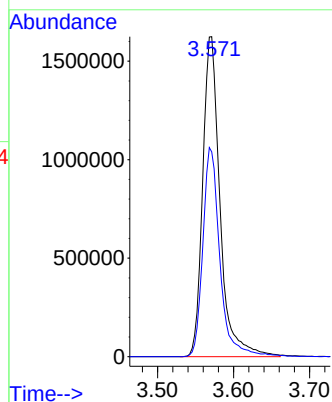
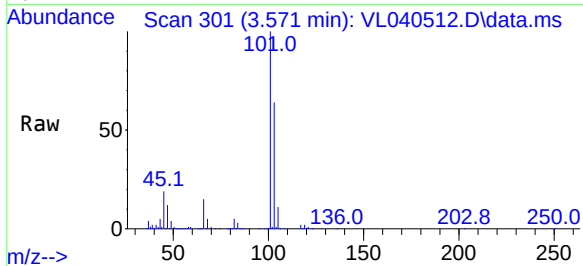




#11
Trichlorofluoromethane
Concen: 15.330 ppbv
RT: 3.571 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

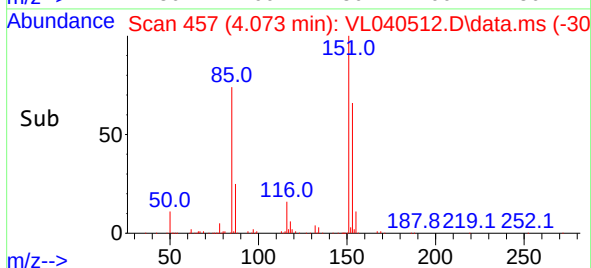
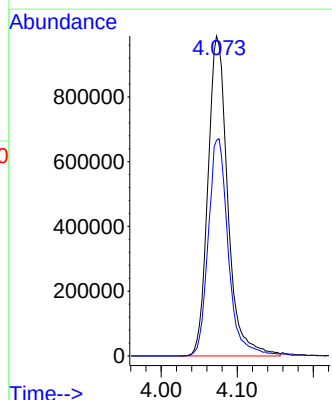
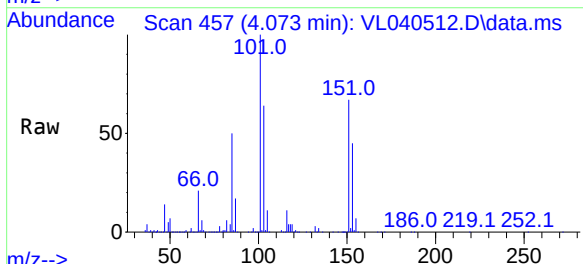
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

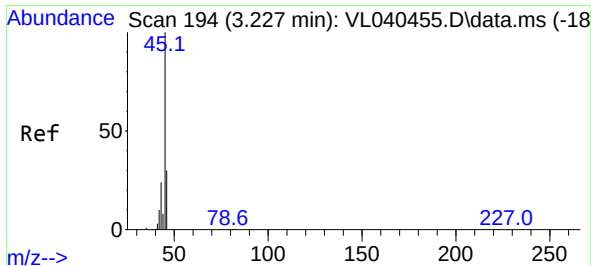
Tgt Ion:101 Resp: 2571776
Ion Ratio Lower Upper
101 100
103 64.0 53.4 80.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 15.110 ppbv
RT: 4.073 min Scan# 457
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion:101 Resp: 1785196
Ion Ratio Lower Upper
101 100
151 69.0 58.2 87.4

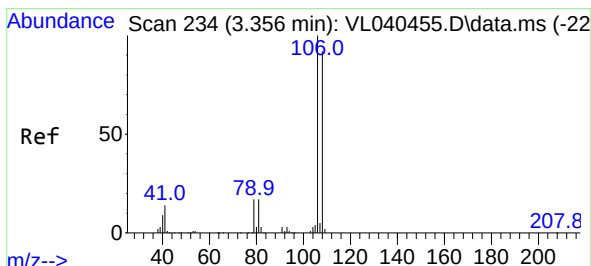
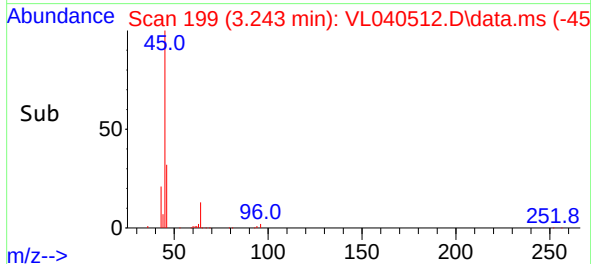
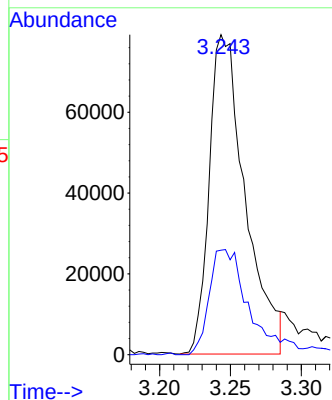
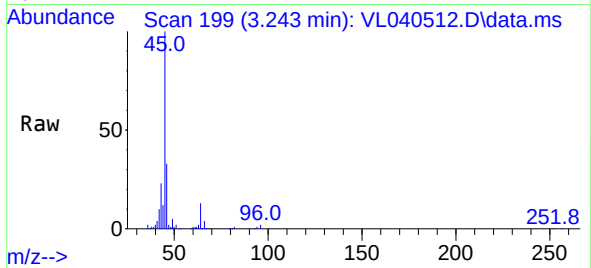




#13
Ethanol
Concen: 11.362 ppbv
RT: 3.243 min Scan# 194
Delta R.T. -0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

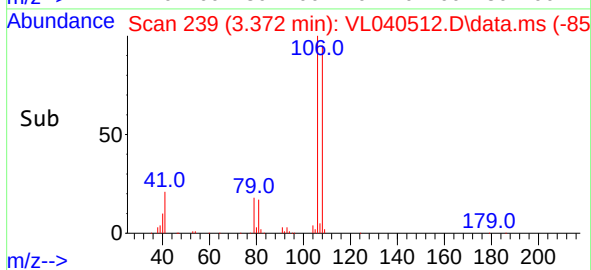
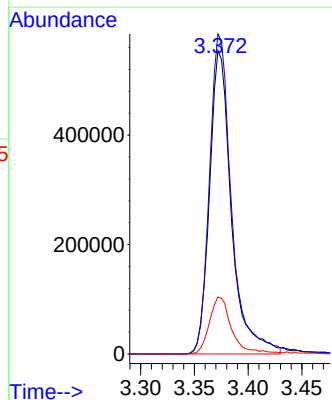
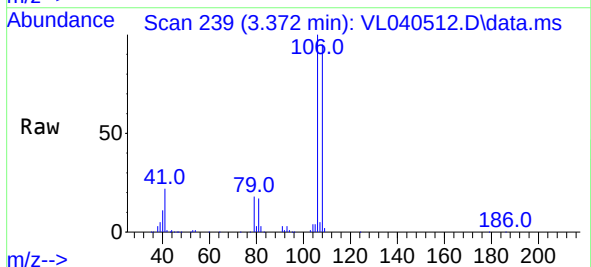
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

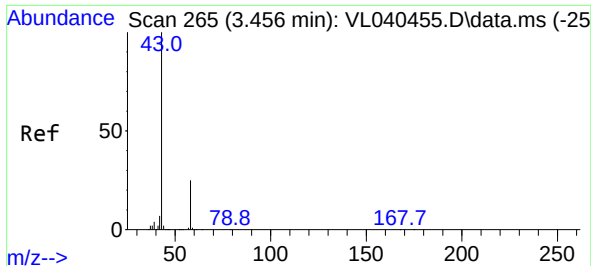
Tgt Ion: 45 Resp: 139430
Ion Ratio Lower Upper
45 100
46 38.9 15.3 61.1



#14
Bromoethene
Concen: 15.435 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion:108 Resp: 784147
Ion Ratio Lower Upper
108 100
106 108.6 87.2 130.8
79 19.8 15.3 22.9

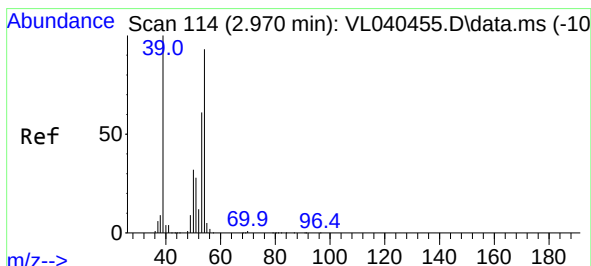
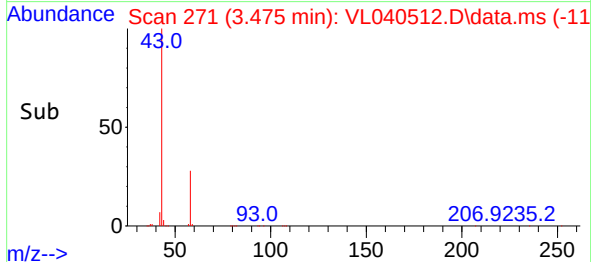
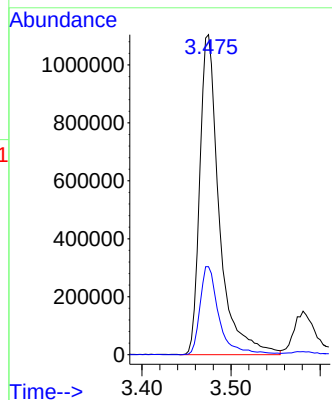
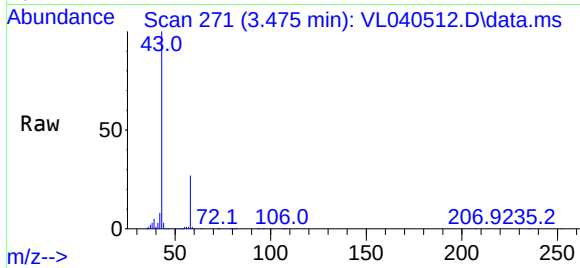




#15
Acetone
Concen: 14.047 ppbv
RT: 3.475 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

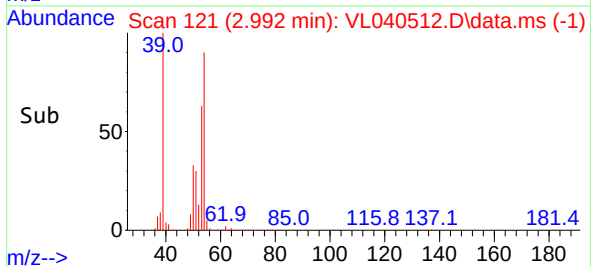
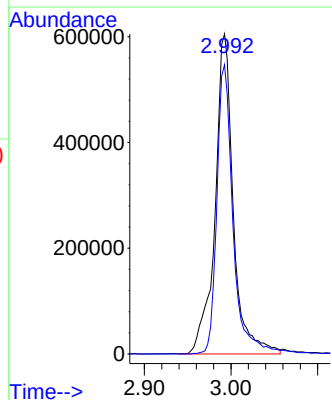
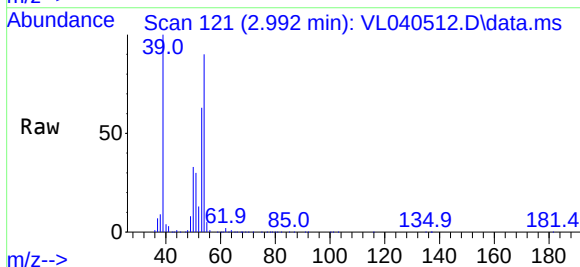
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

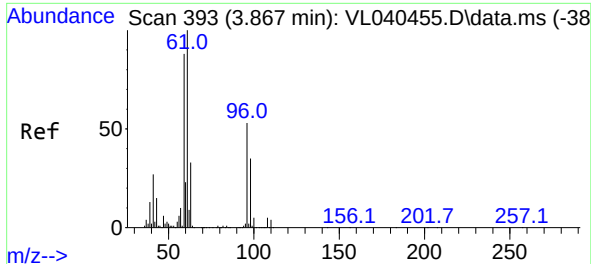
Tgt Ion: 43 Resp: 1680670
Ion Ratio Lower Upper
43 100
58 27.0 22.9 34.3



#16
1,3-Butadiene
Concen: 14.725 ppbv
RT: 2.992 min Scan# 121
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 39 Resp: 888802
Ion Ratio Lower Upper
39 100
54 80.7 66.6 100.0

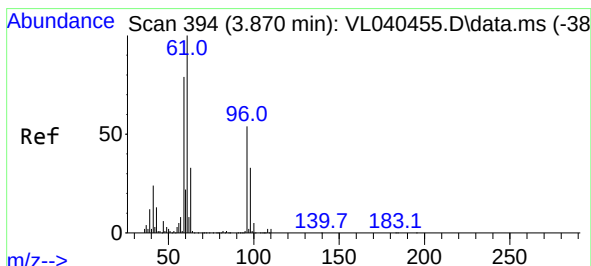
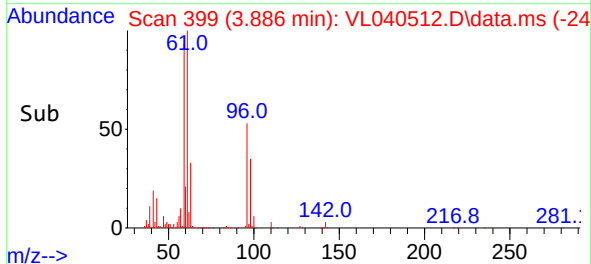
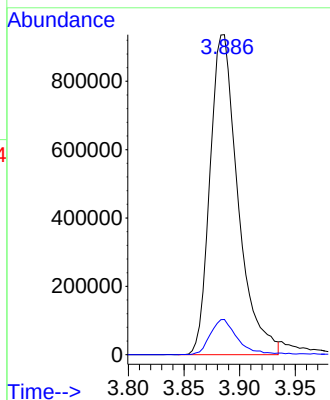
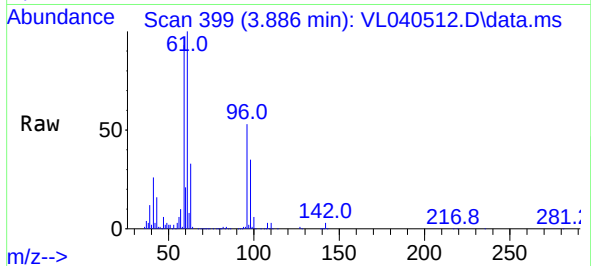




#17
tert-Butyl alcohol
Concen: 13.245 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

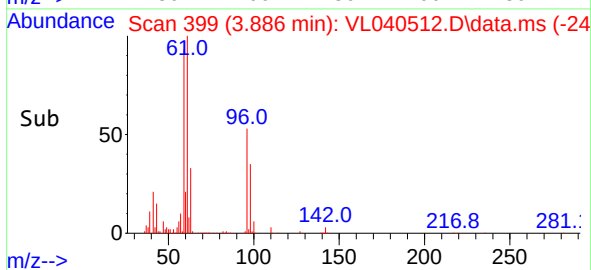
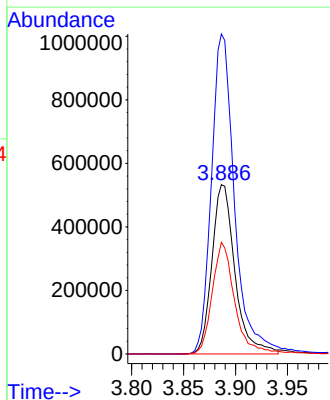
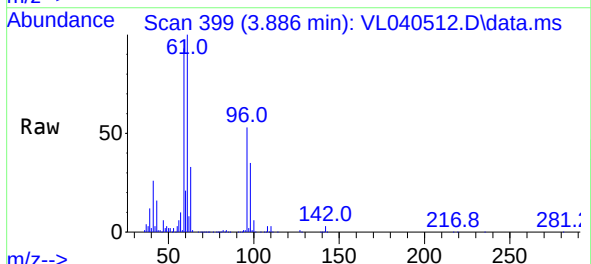
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

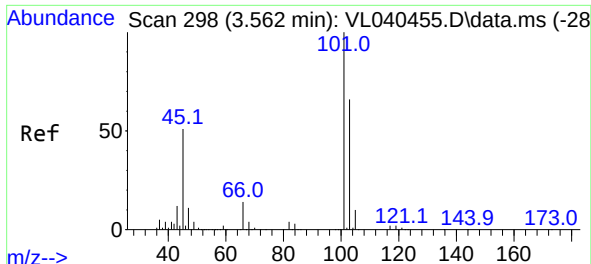
Tgt Ion: 59 Resp: 1639073
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1



#18
1,1-Dichloroethene
Concen: 15.186 ppbv
RT: 3.886 min Scan# 399
Delta R.T. -0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 96 Resp: 824822
Ion Ratio Lower Upper
96 100
61 189.1 154.4 231.6
98 65.9 50.0 75.0

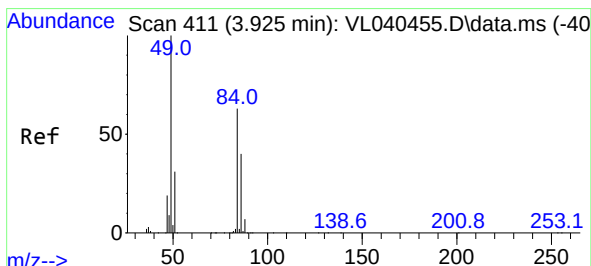
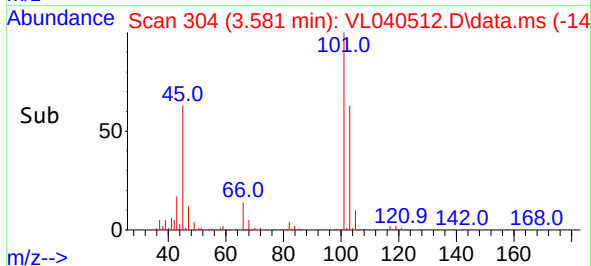
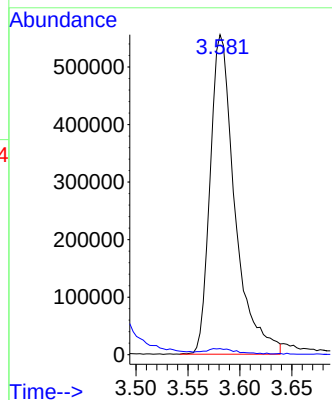
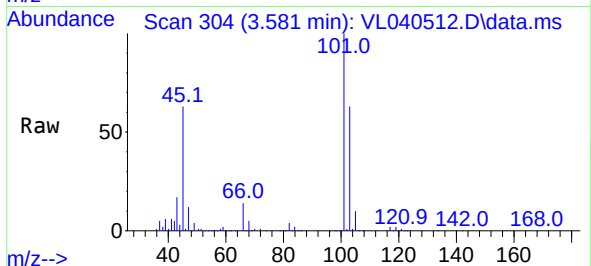




#19
Isopropyl Alcohol
Concen: 13.376 ppbv
RT: 3.581 min Scan# 304
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

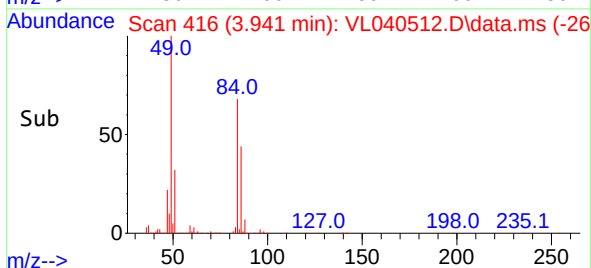
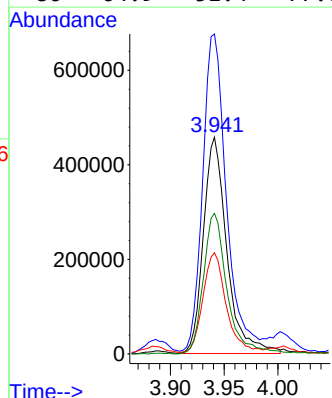
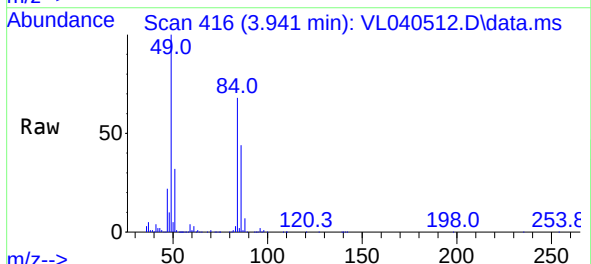
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

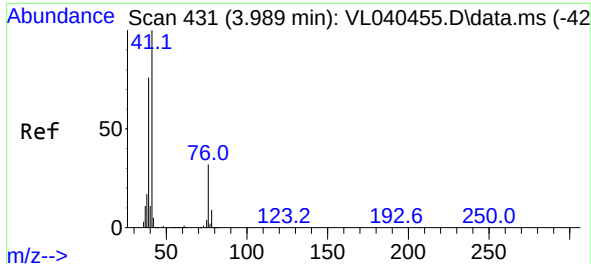
Tgt Ion: 45 Resp: 918707
Ion Ratio Lower Upper
45 100
58 3.0 1.1 1.7#



#20
Methylene Chloride
Concen: 13.672 ppbv
RT: 3.941 min Scan# 416
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 84 Resp: 695798
Ion Ratio Lower Upper
84 100
49 146.7 123.4 185.2
51 46.2 38.3 57.5
86 64.9 51.4 77.0





#21

Allyl Chloride

Concen: 14.209 ppbv

RT: 4.005 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

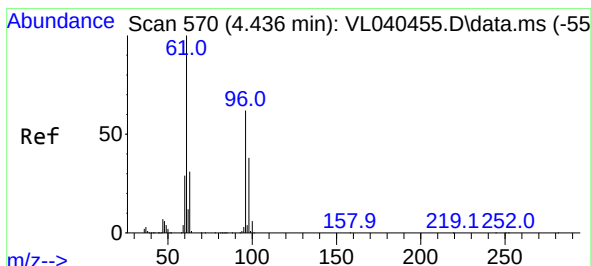
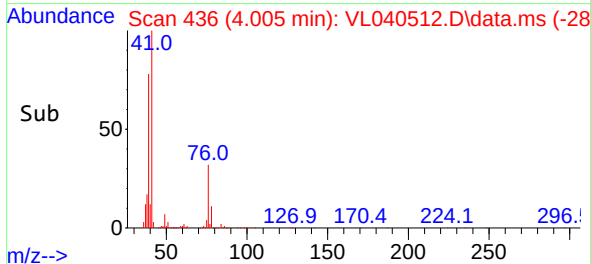
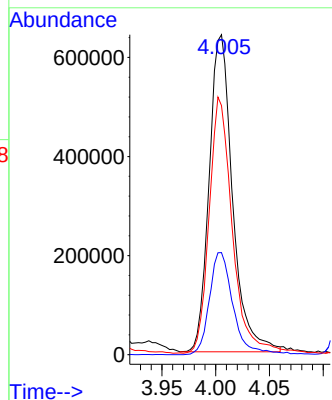
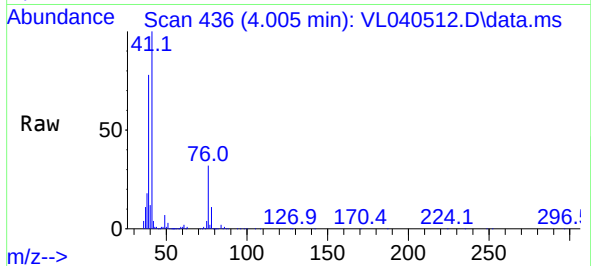
Tgt Ion: 41 Resp: 970823

Ion Ratio Lower Upper

41 100

76 32.8 24.8 37.2

39 80.6 60.6 91.0



#22

trans-1,2-Dichloroethene

Concen: 16.153 ppbv

RT: 4.452 min Scan# 575

Delta R.T. -0.000 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

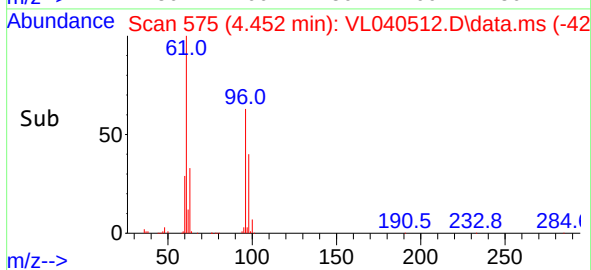
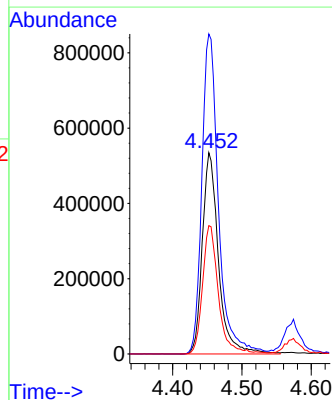
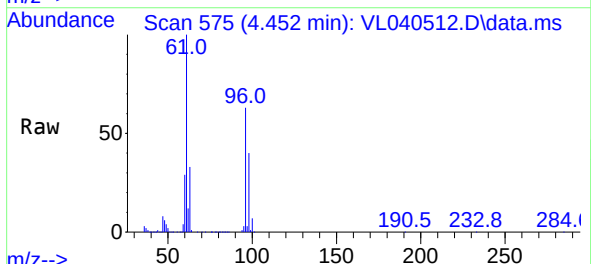
Tgt Ion: 96 Resp: 865630

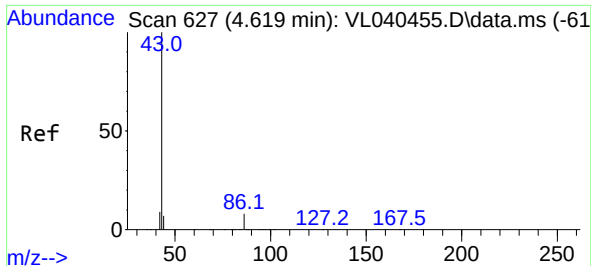
Ion Ratio Lower Upper

96 100

61 159.0 137.7 206.5

98 63.8 52.9 79.3



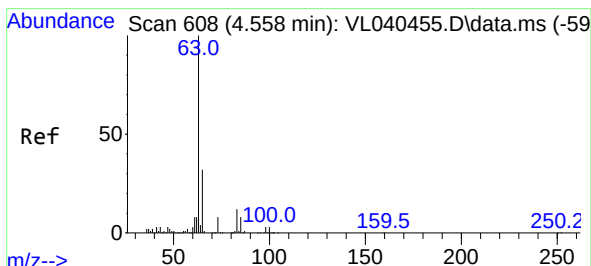
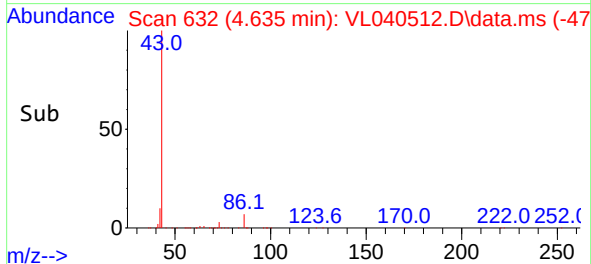
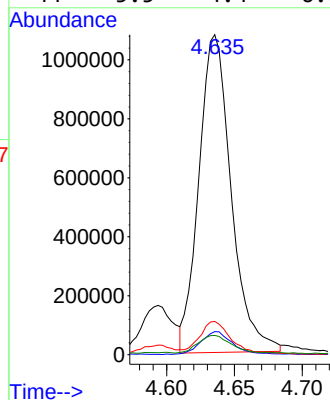
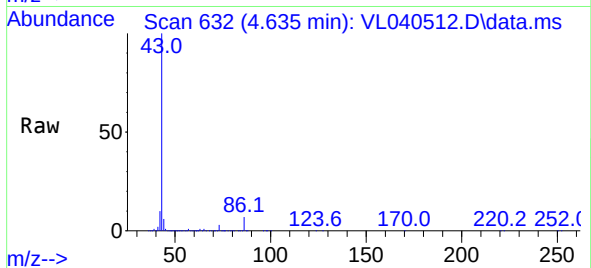


#23
Vinyl Acetate
Concen: 15.680 ppbv
RT: 4.635 min Scan# 611
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 1787239

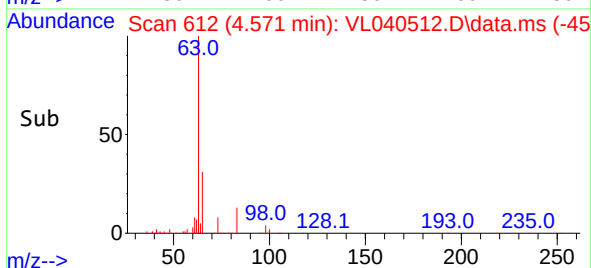
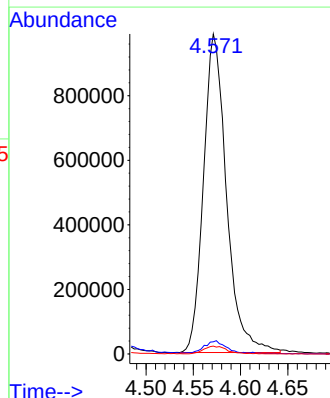
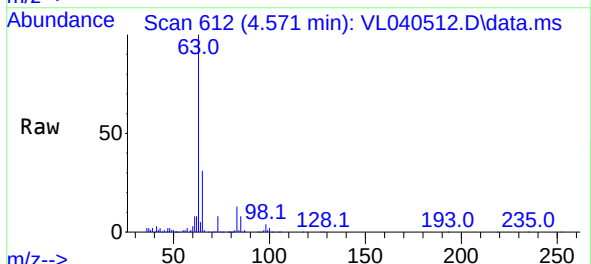
Ion	Ratio	Lower	Upper
43	100		
86	7.2	5.6	8.4
42	10.2	7.4	11.2
44	5.5	4.4	6.6

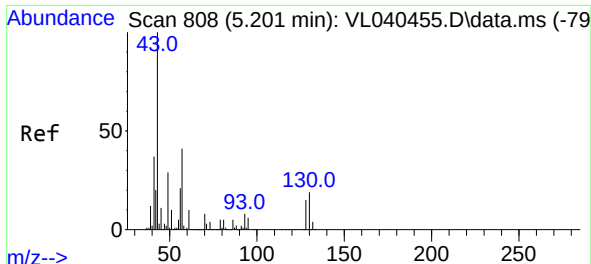


#24
1,1-Dichloroethane
Concen: 14.460 ppbv
RT: 4.571 min Scan# 612
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 63 Resp: 1672927

Ion	Ratio	Lower	Upper
63	100		
98	3.7	1.8	5.5
100	2.4	1.4	4.0





#25

Ethyl Acetate

Concen: 14.137 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.003 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

Tgt Ion: 43 Resp: 3220070

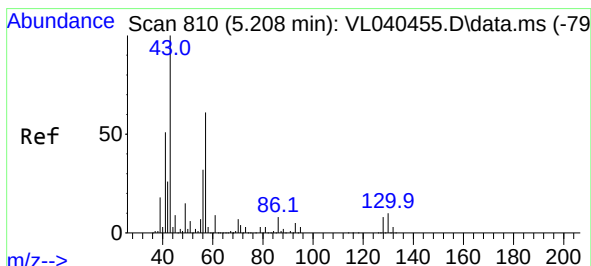
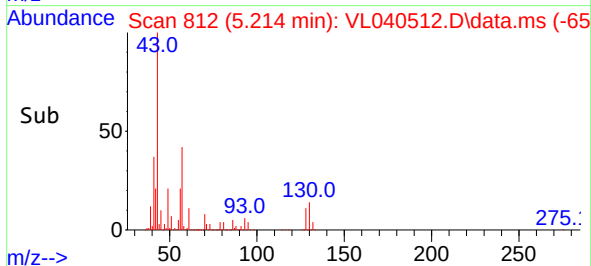
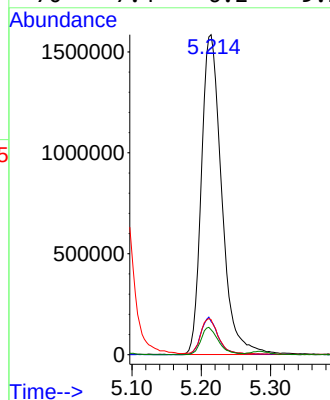
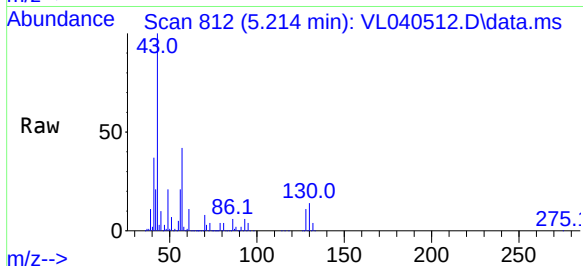
Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.4

61 10.2 8.3 12.5

70 7.4 6.2 9.2



#26

Hexane

Concen: 13.357 ppbv

RT: 5.221 min Scan# 814

Delta R.T. -0.000 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Tgt Ion: 57 Resp: 1413458

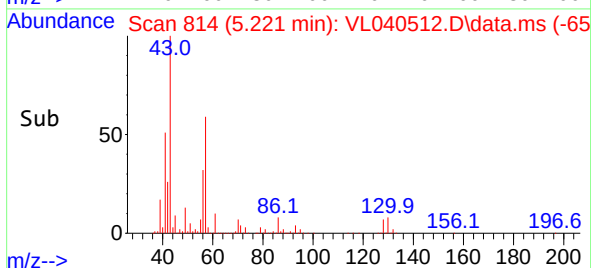
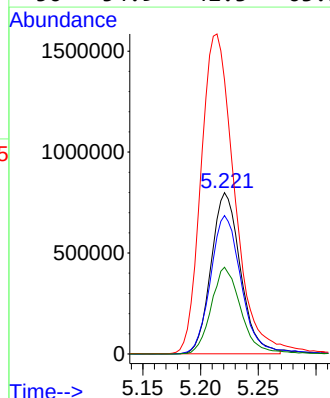
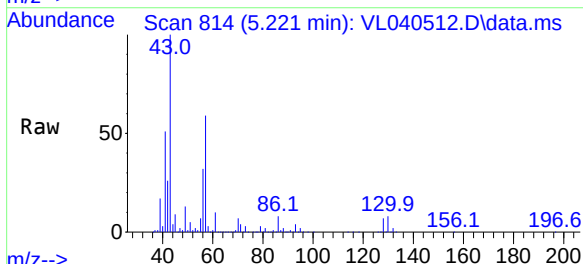
Ion Ratio Lower Upper

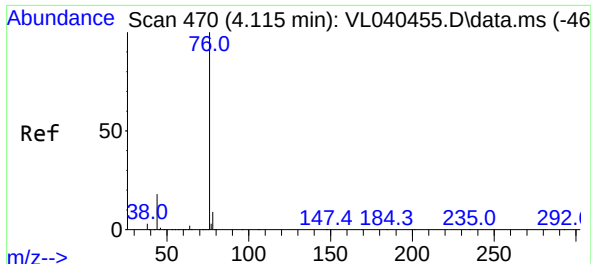
57 100

41 91.3 69.5 104.3

43 228.9 177.1 265.7

56 54.9 42.3 63.5

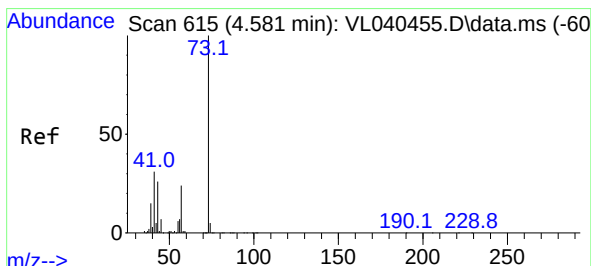
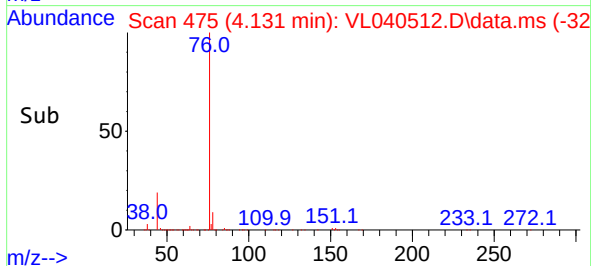
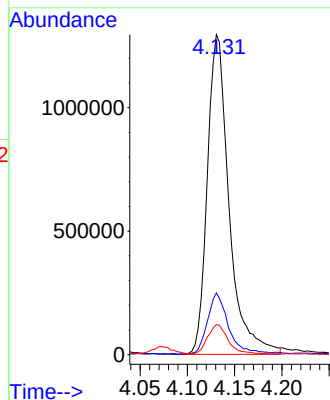
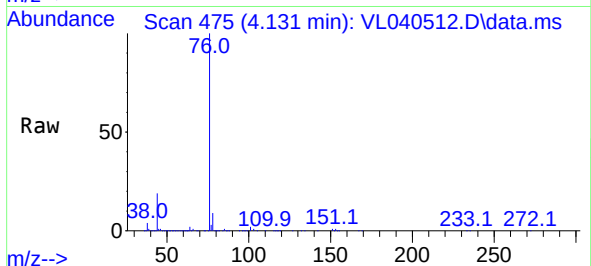




#27
Carbon Disulfide
Concen: 16.655 ppbv
RT: 4.131 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

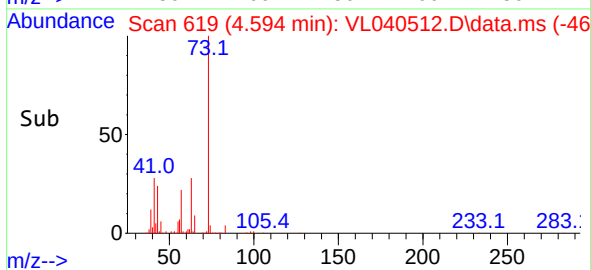
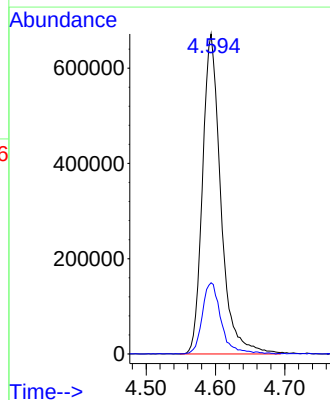
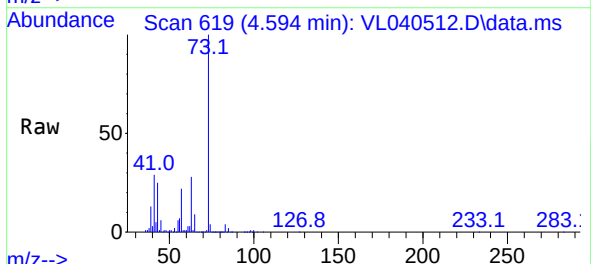
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

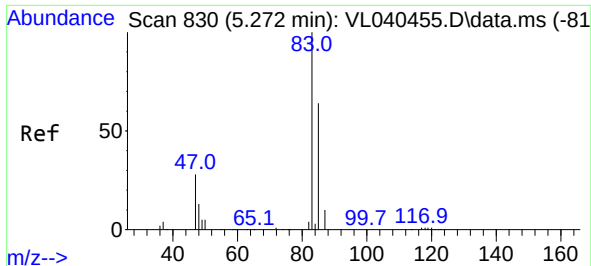
Tgt Ion: 76 Resp: 2073043
Ion Ratio Lower Upper
76 100
44 18.8 15.1 22.7
78 9.3 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 14.455 ppbv
RT: 4.594 min Scan# 619
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 73 Resp: 1231381
Ion Ratio Lower Upper
73 100
57 23.2 18.8 28.2





#29

Chloroform

Concen: 14.400 ppbv

RT: 5.285 min Scan# 81

Delta R.T. -0.000 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Instrument :

MSVOA_L

ClientSampleId :

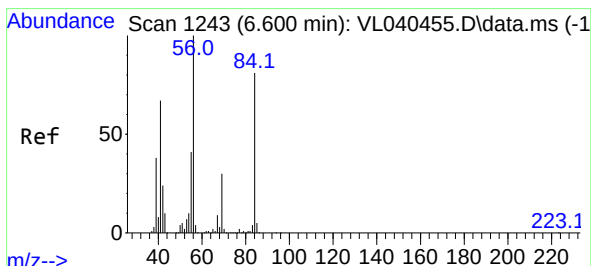
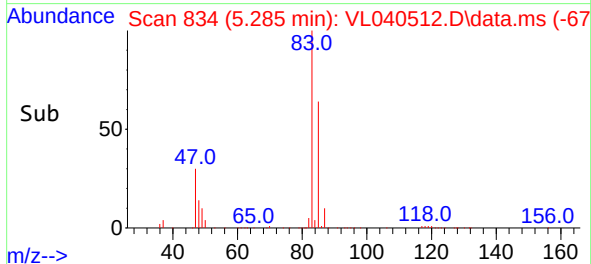
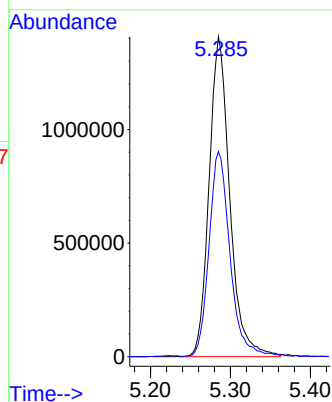
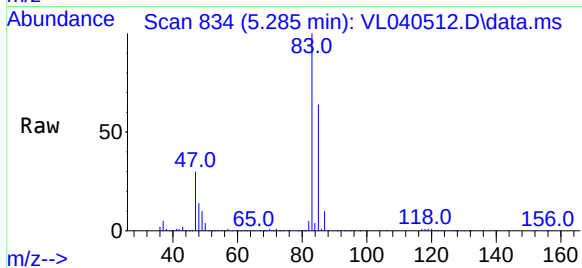
VSTDICC015

Tgt Ion: 83 Resp: 2527334

Ion Ratio Lower Upper

83 100

85 64.0 51.1 76.7



#30

Cyclohexane

Concen: 13.783 ppbv

RT: 6.616 min Scan# 1248

Delta R.T. 0.006 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

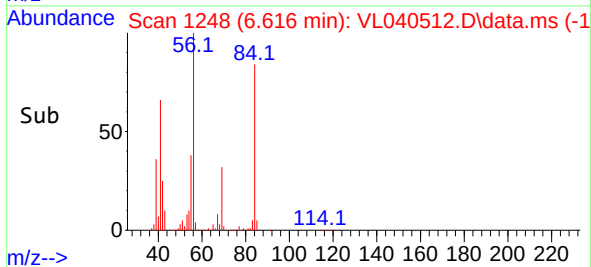
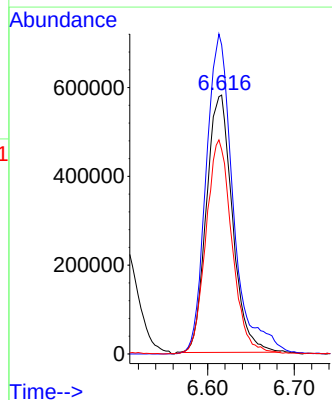
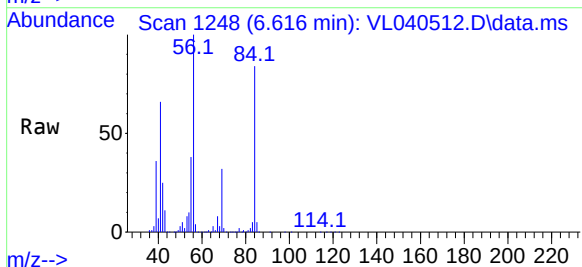
Tgt Ion: 84 Resp: 1213598

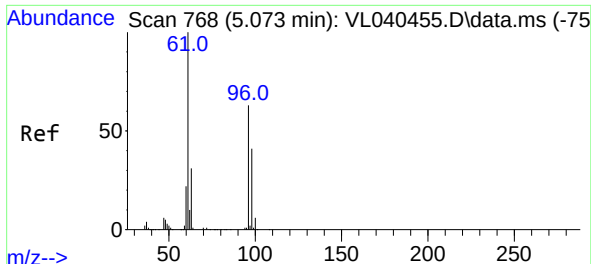
Ion Ratio Lower Upper

84 100

56 130.1 108.7 163.1

41 83.3 64.5 96.7

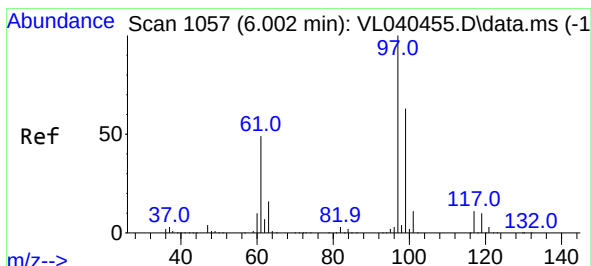
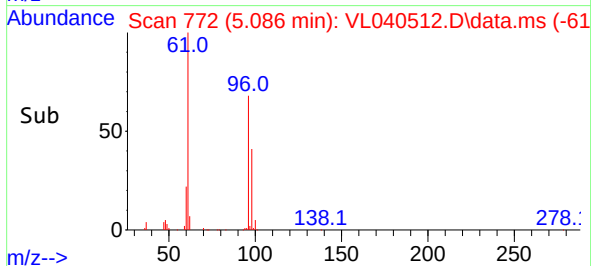
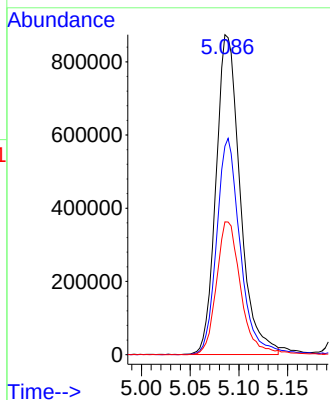
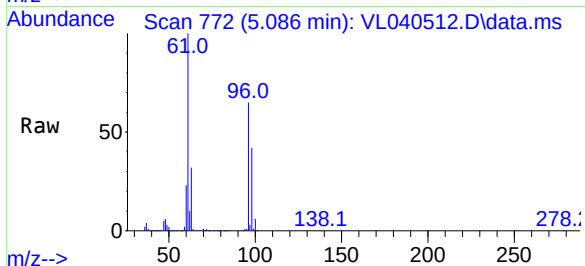




#31
cis-1,2-Dichloroethene
Concen: 14.397 ppbv
RT: 5.086 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

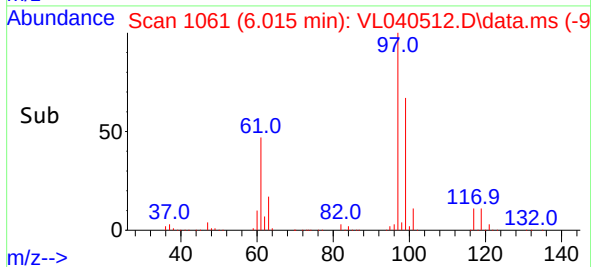
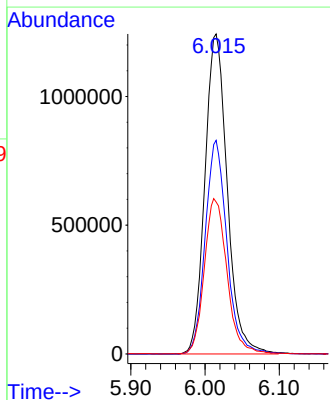
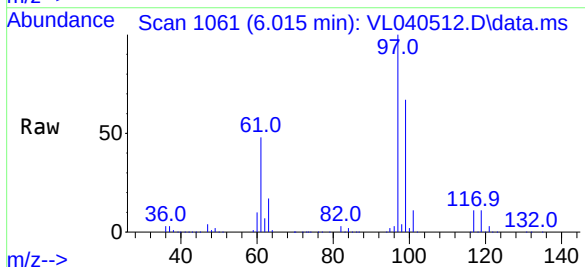
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

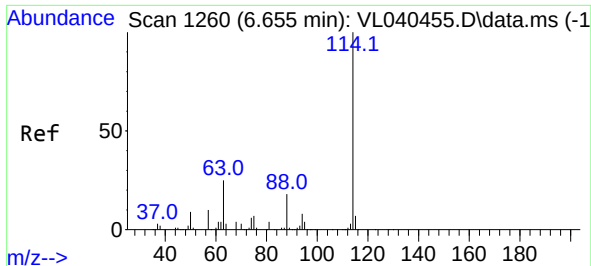
Tgt Ion: 61 Resp: 1505840
Ion Ratio Lower Upper
61 100
96 65.2 54.7 82.1
98 41.5 34.6 52.0



#32
1,1,1-Trichloroethane
Concen: 15.107 ppbv
RT: 6.015 min Scan# 1061
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 97 Resp: 2594368
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 49.6 38.9 58.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 11

Delta R.T. -0.000 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC015

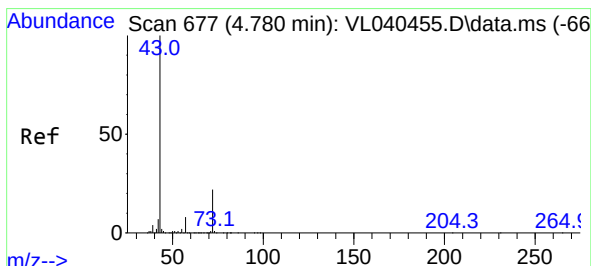
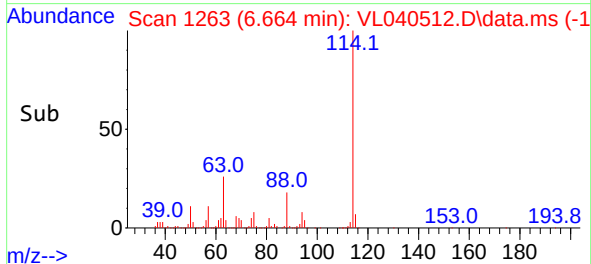
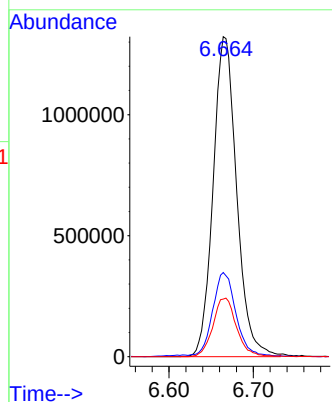
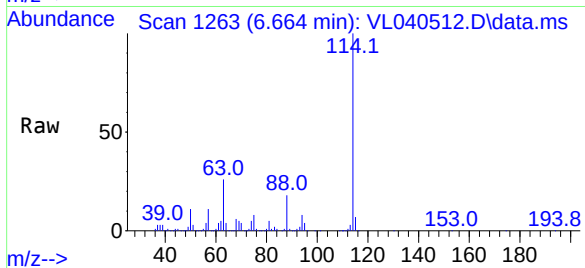
Tgt Ion:114 Resp: 2564373

Ion Ratio Lower Upper

114 100

63 26.9 19.6 29.4

88 18.4 14.2 21.2



#34

2-Butanone

Concen: 15.452 ppbv

RT: 4.793 min Scan# 681

Delta R.T. -0.000 min

Lab File: VL040512.D

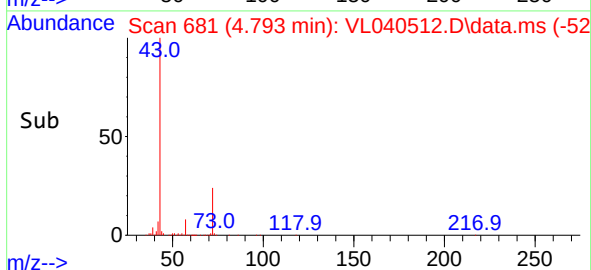
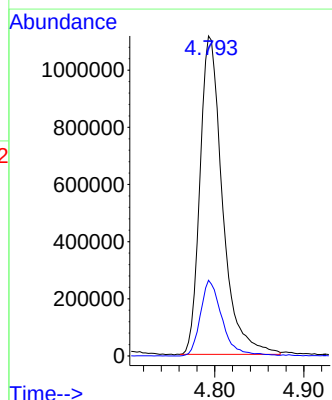
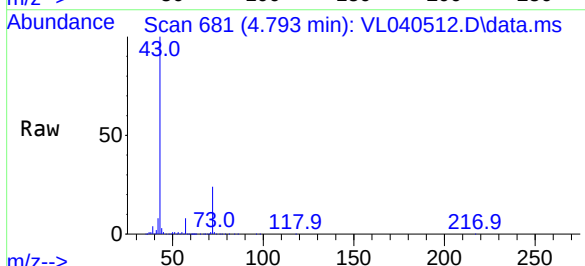
Acq: 10 Jul 2023 15:55

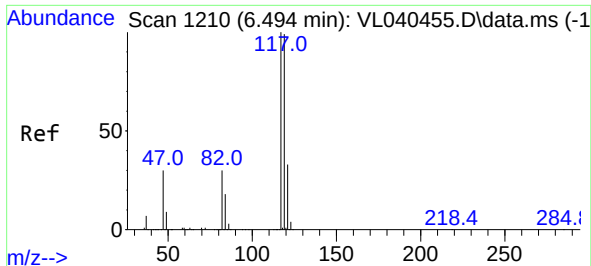
Tgt Ion: 43 Resp: 1957985

Ion Ratio Lower Upper

43 100

72 23.3 19.1 28.7



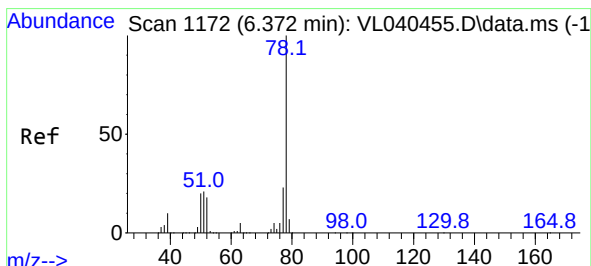
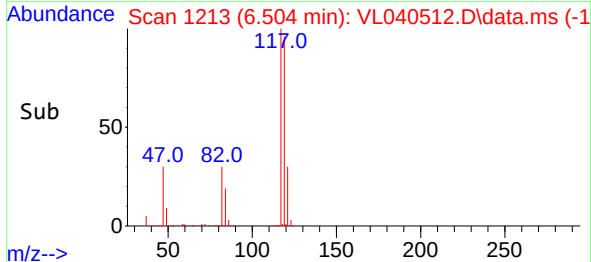
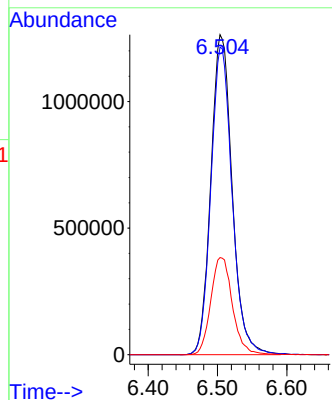
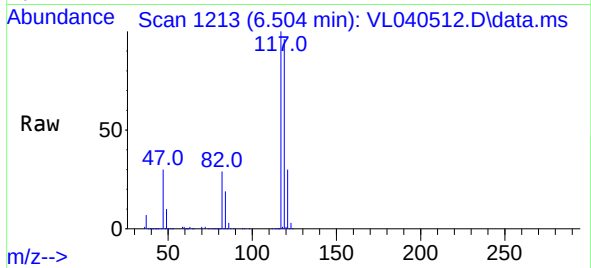


#35
Carbon Tetrachloride
Concen: 17.467 ppbv
RT: 6.504 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

Tgt Ion:117 Resp: 2695617

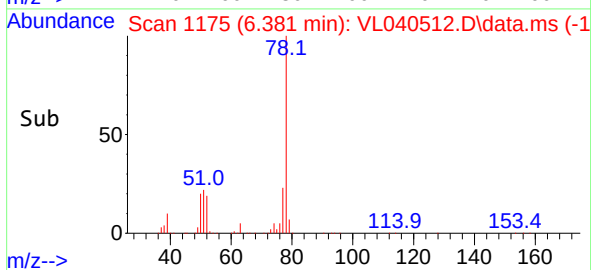
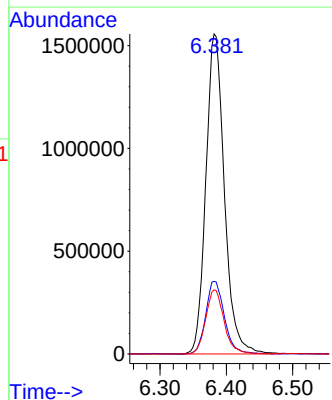
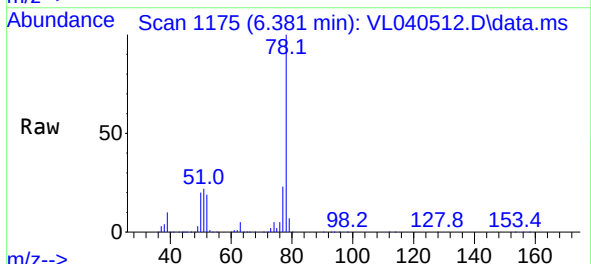
Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.8	116.6
121	30.3	24.8	37.2

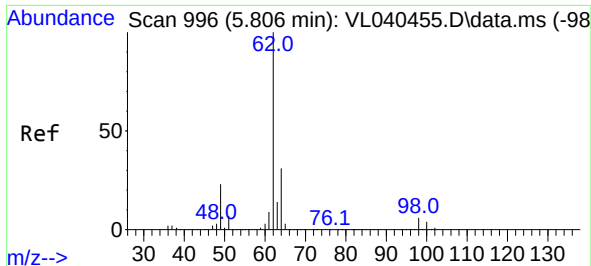


#36
Benzene
Concen: 14.650 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 78 Resp: 3022865

Ion	Ratio	Lower	Upper
78	100		
77	22.7	17.4	26.0
50	20.1	14.4	21.6





#37

1,2-Dichloroethane

Concen: 16.315 ppbv

RT: 5.819 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Instrument :

MSVOA_L

ClientSampleId :

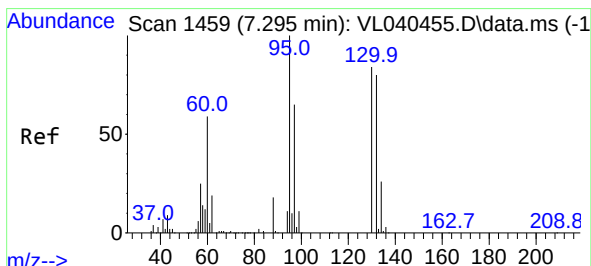
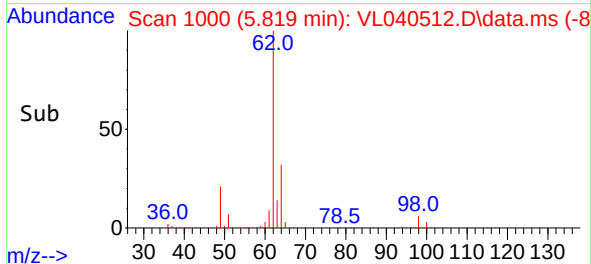
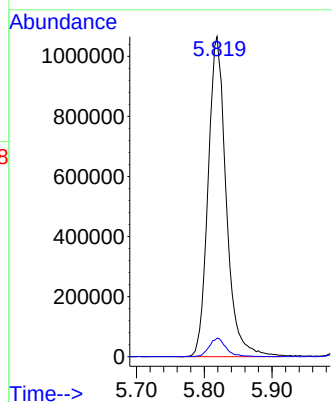
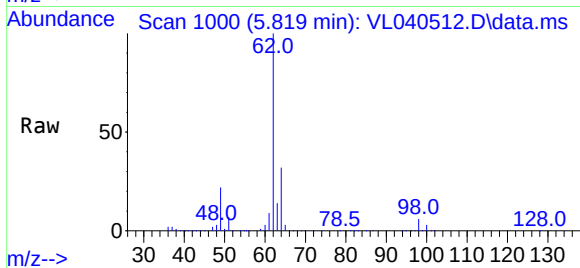
VSTDIC015

Tgt Ion: 62 Resp: 1980379

Ion Ratio Lower Upper

62 100

98 5.6 5.1 7.7



#38

Trichloroethene

Concen: 15.963 ppbv

RT: 7.304 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Tgt Ion:130 Resp: 1245805

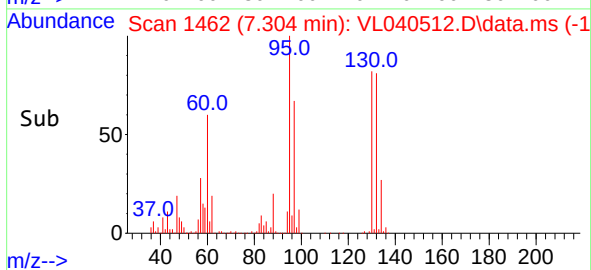
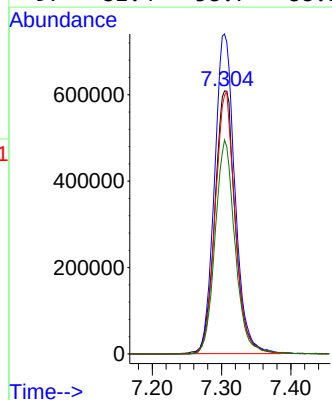
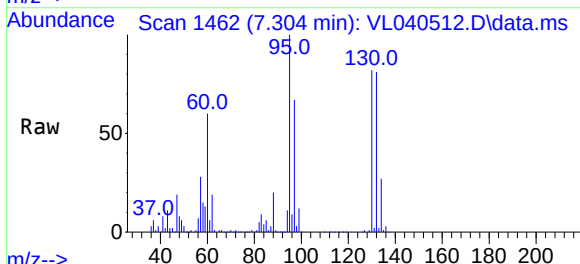
Ion Ratio Lower Upper

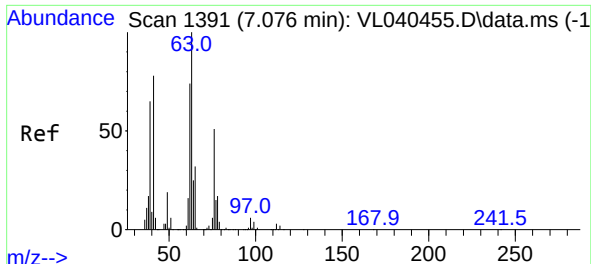
130 100

95 121.8 90.2 135.2

132 98.4 76.3 114.5

97 81.4 58.7 88.1





#39

1,2-Dichloropropane

Concen: 14.809 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC015

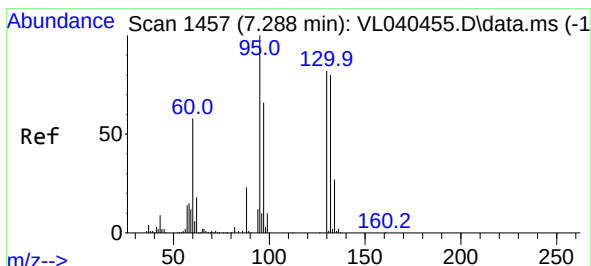
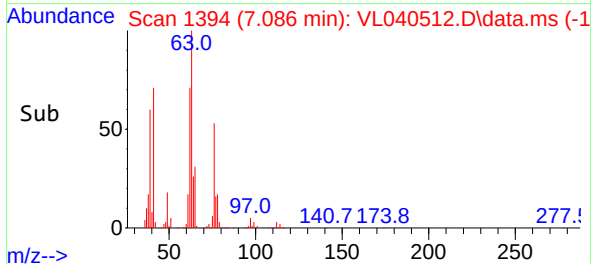
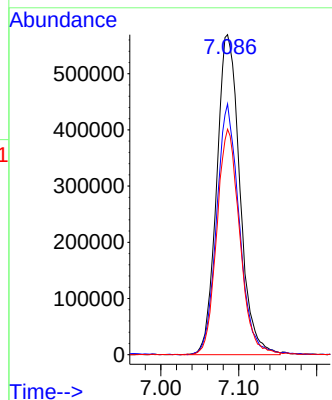
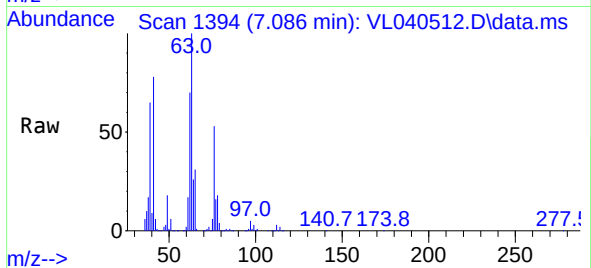
Tgt Ion: 63 Resp: 1176254

Ion Ratio Lower Upper

63 100

41 78.3 54.3 81.5

62 70.4 55.6 83.4



#40

1,4-Dioxane

Concen: 15.207 ppbv

RT: 7.298 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Tgt Ion: 88 Resp: 377799

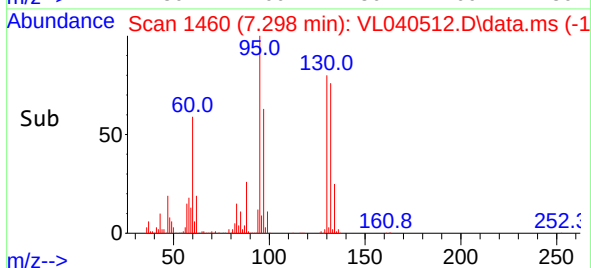
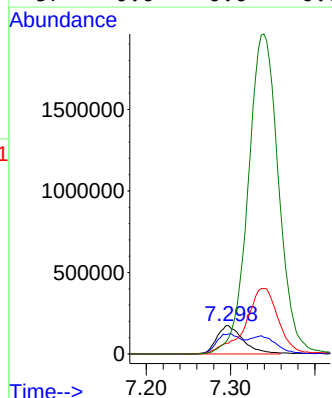
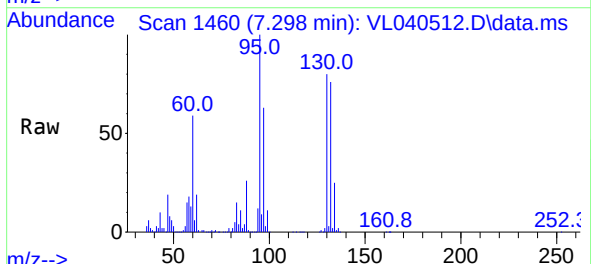
Ion Ratio Lower Upper

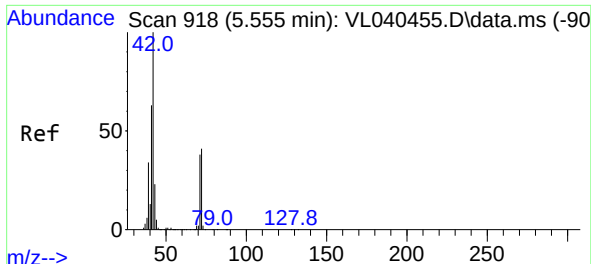
88 100

58 66.5 58.6 88.0

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 15.233 ppbv

RT: 5.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Instrument :

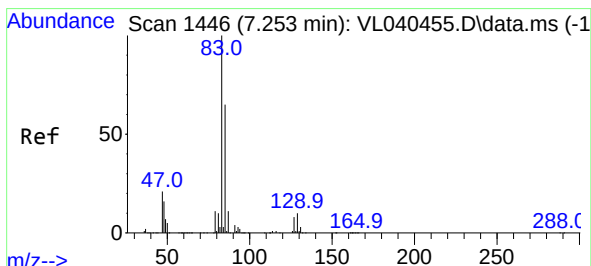
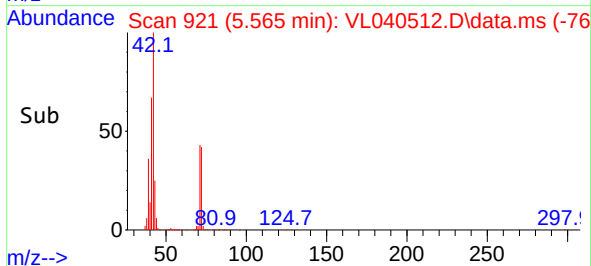
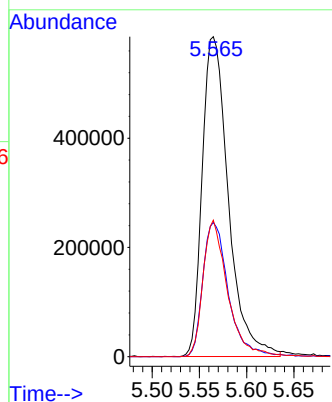
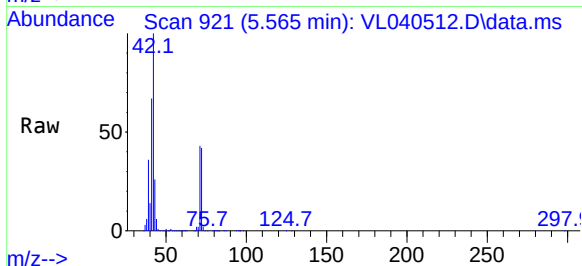
MSVOA_L

ClientSampleId :

VSTDIC015

Tgt Ion: 42 Resp: 1126382

Ion	Ratio	Lower	Upper
42	100		
72	41.5	33.8	50.8
71	40.3	33.0	49.6



#42

Bromodichloromethane

Concen: 16.621 ppbv

RT: 7.266 min Scan# 1450

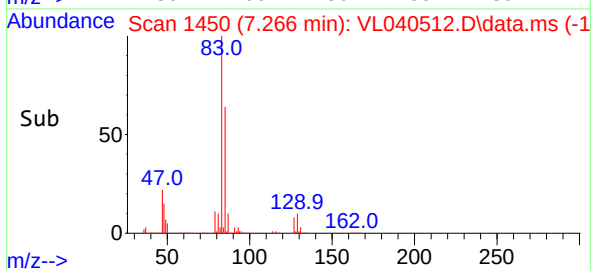
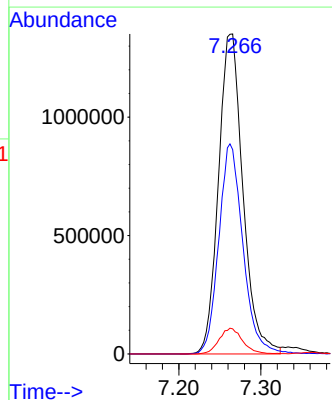
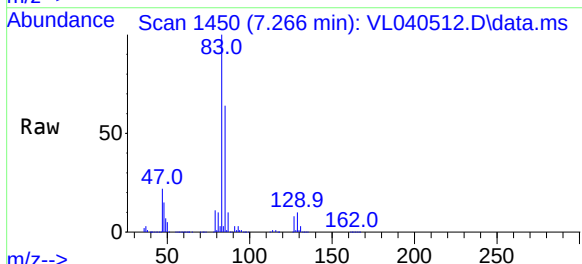
Delta R.T. 0.006 min

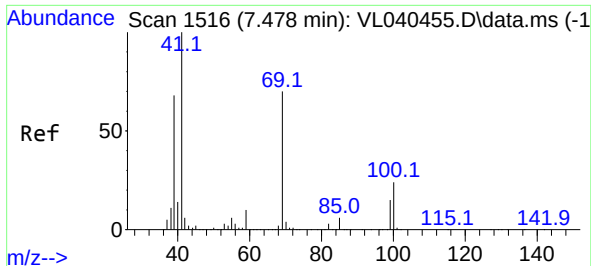
Lab File: VL040512.D

Acq: 10 Jul 2023 15:55

Tgt Ion: 83 Resp: 2806082

Ion	Ratio	Lower	Upper
83	100		
85	63.9	51.1	76.7
127	7.9	6.5	9.7

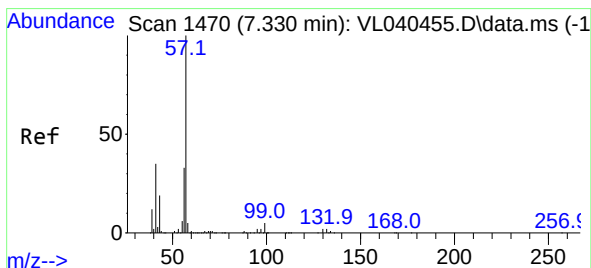
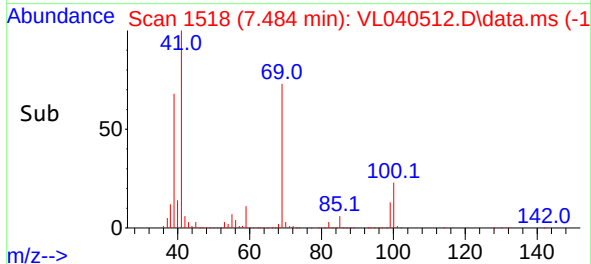
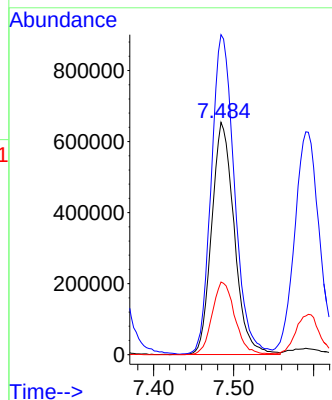
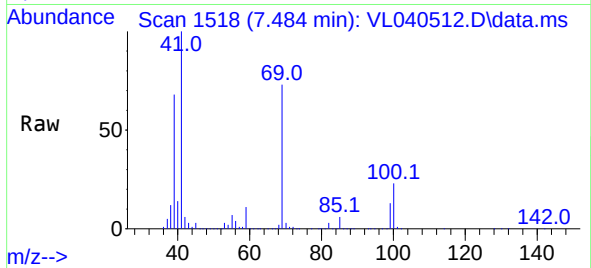




#43
Methyl Methacrylate
Concen: 16.563 ppbv
RT: 7.484 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

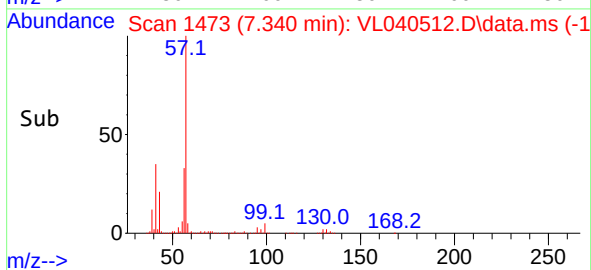
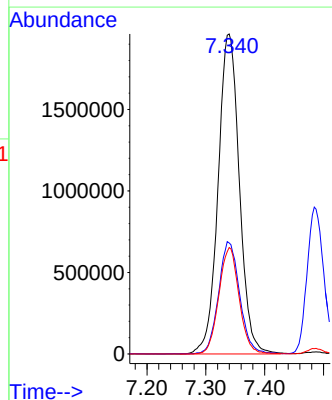
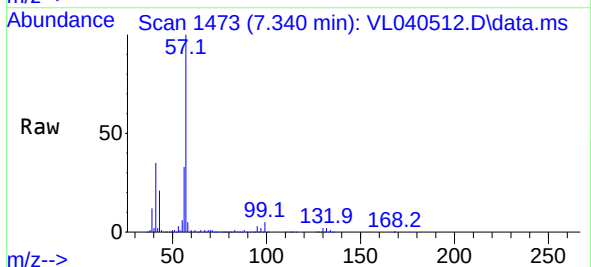
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

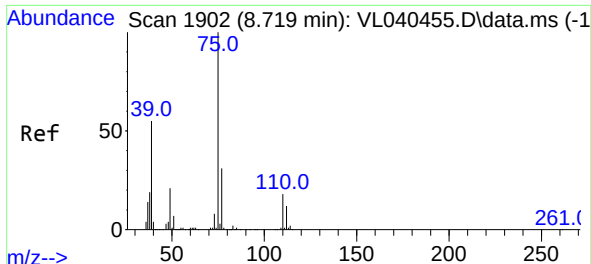
Tgt Ion: 69 Resp: 1279148
Ion Ratio Lower Upper
69 100
41 142.1 111.7 167.5
100 31.6 26.9 40.3



#44
2,2,4-Trimethylpentane
Concen: 14.862 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 57 Resp: 4933825
Ion Ratio Lower Upper
57 100
41 34.8 25.5 38.3
56 31.8 25.1 37.7

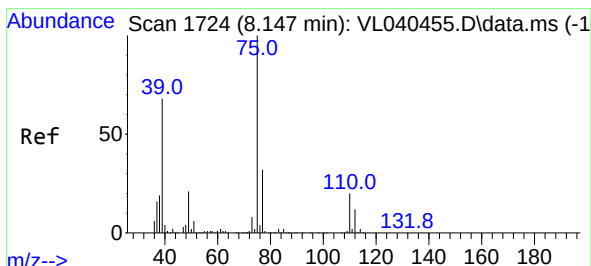
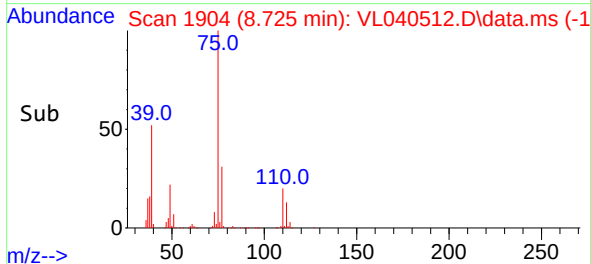
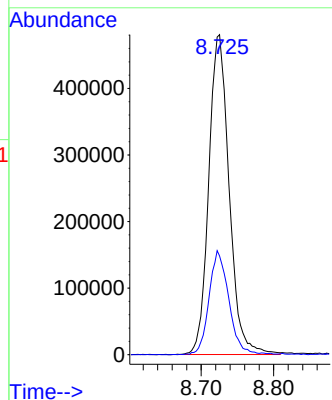
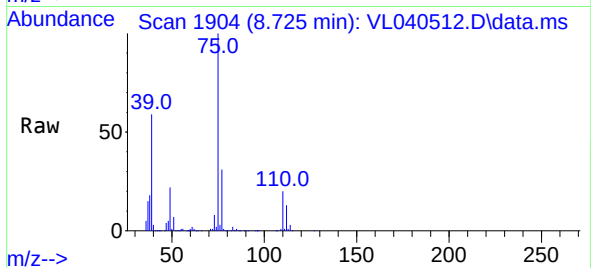




#45
 t-1,3-Dichloropropene
 Concen: 18.964 ppbv
 RT: 8.725 min Scan# 1902
 Delta R.T. 0.003 min
 Lab File: VL040512.D
 Acq: 10 Jul 2023 15:55

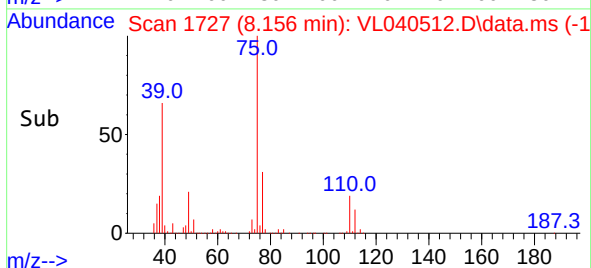
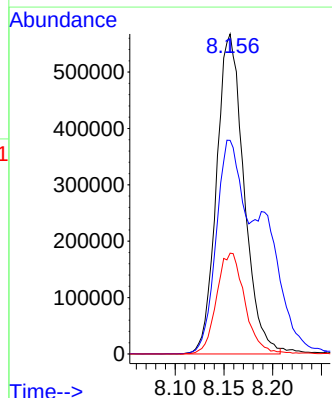
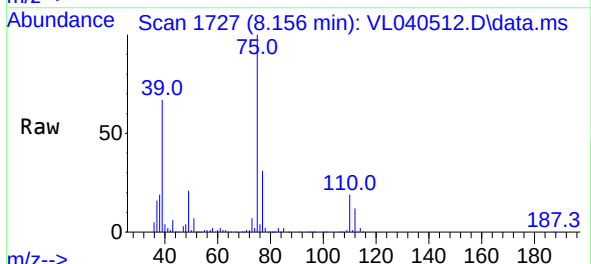
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

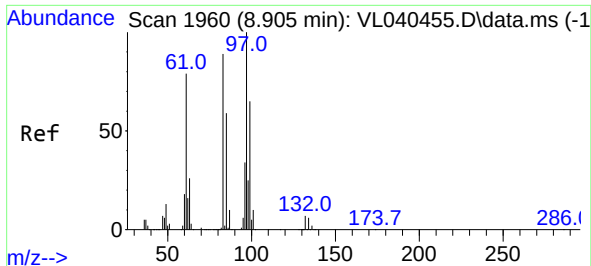
Tgt Ion: 75 Resp: 939524
 Ion Ratio Lower Upper
 75 100
 77 30.8 26.0 39.0



#46
 cis-1,3-Dichloropropene
 Concen: 17.456 ppbv
 RT: 8.156 min Scan# 1727
 Delta R.T. 0.003 min
 Lab File: VL040512.D
 Acq: 10 Jul 2023 15:55

Tgt Ion: 75 Resp: 1109564
 Ion Ratio Lower Upper
 75 100
 39 66.5 48.0 72.0
 77 31.5 24.0 36.0



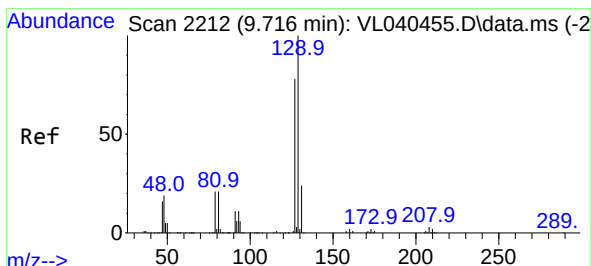
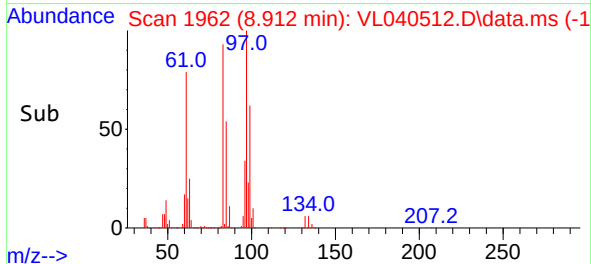
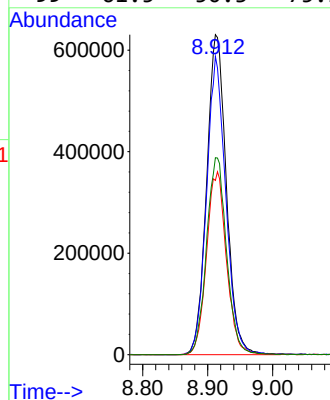
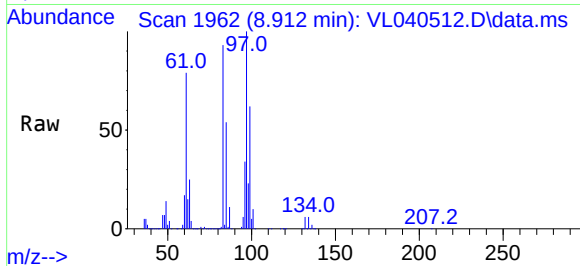


#47
1,1,2-Trichloroethane
Concen: 15.214 ppbv
RT: 8.912 min Scan# 1962
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 97 Resp: 1333288

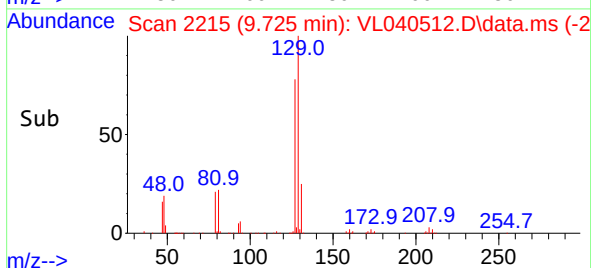
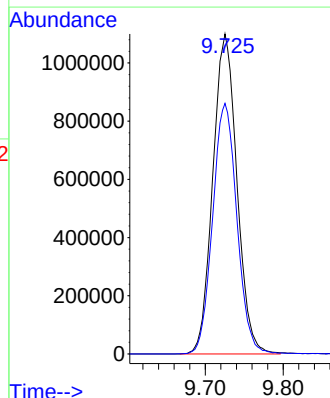
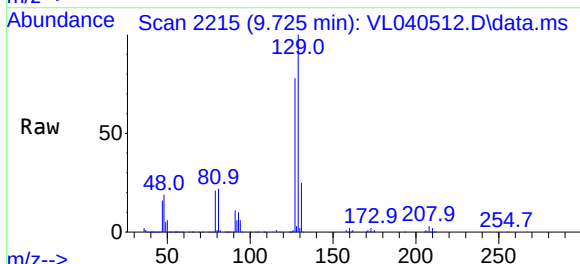
Ion	Ratio	Lower	Upper
97	100		
83	93.1	73.4	110.0
85	54.4	46.6	70.0
99	61.5	50.3	75.5

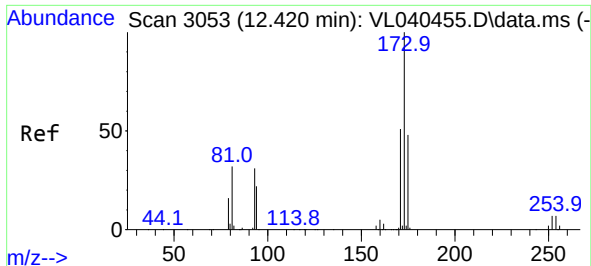


#48
Dibromochloromethane
Concen: 17.458 ppbv
RT: 9.725 min Scan# 2215
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 129 Resp: 2365499

Ion	Ratio	Lower	Upper
129	100		
127	79.0	39.1	117.3

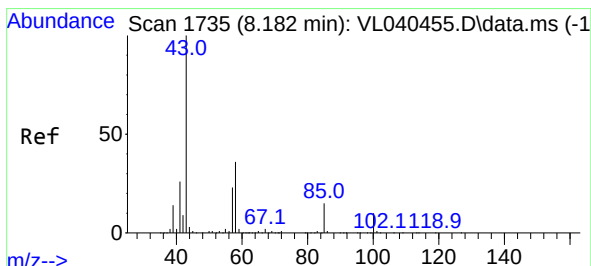
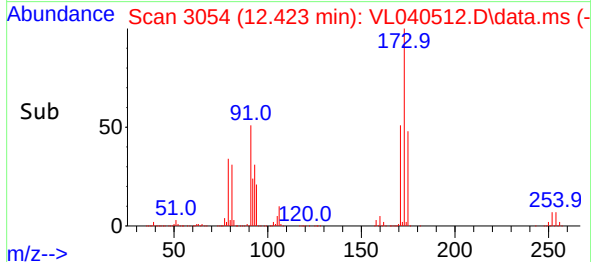
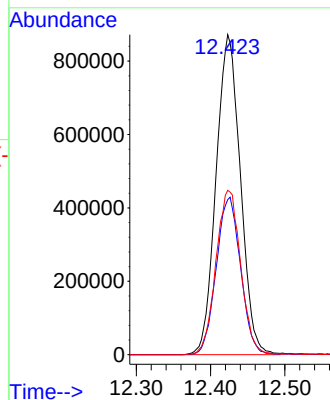
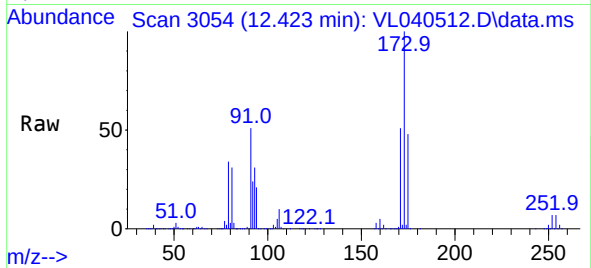




#49
Bromoform
Concen: 18.474 ppbv
RT: 12.423 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

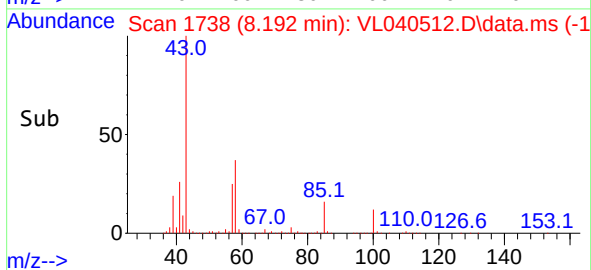
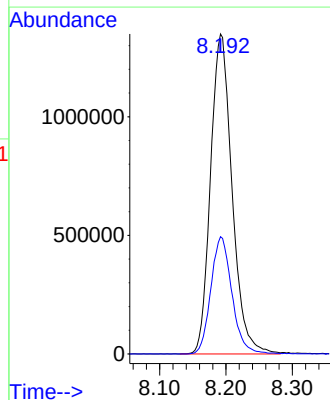
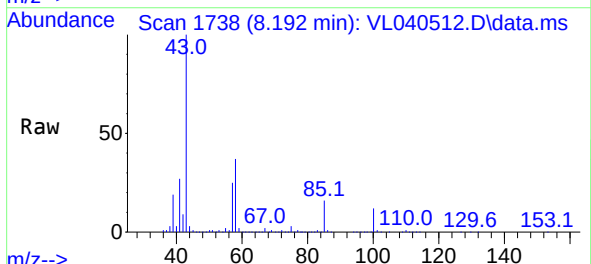
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

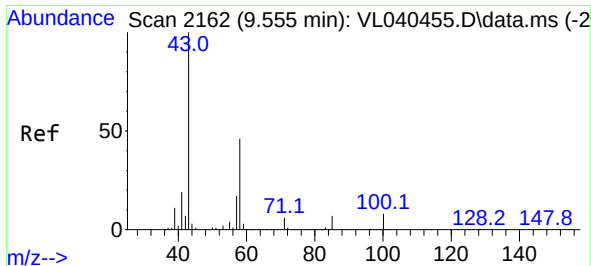
Tgt Ion:173 Resp: 1984520
Ion Ratio Lower Upper
173 100
175 49.4 39.5 59.3
171 52.3 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 16.506 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 43 Resp: 3038972
Ion Ratio Lower Upper
43 100
58 36.0 30.2 45.2



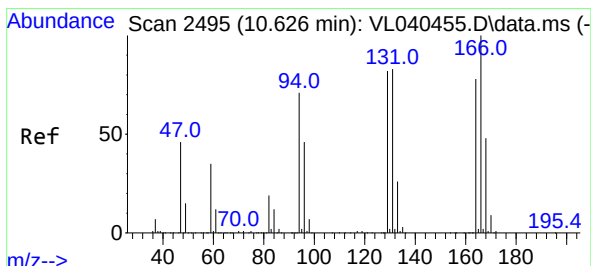
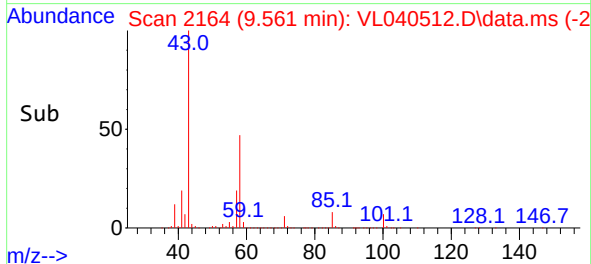
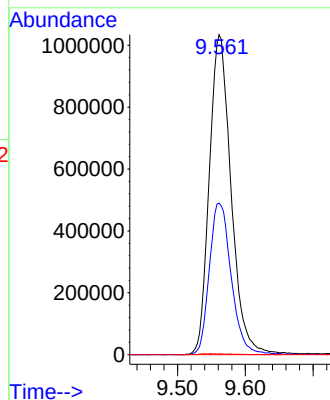
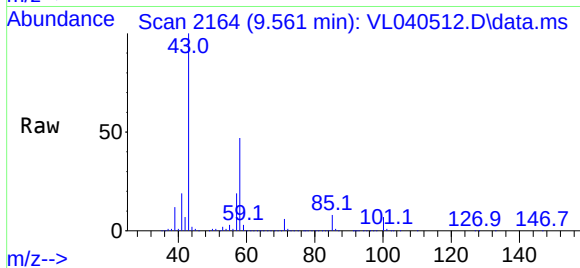


#51
2-Hexanone
Concen: 17.711 ppbv
RT: 9.561 min Scan# 2164
Delta R.T. 0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion: 43 Resp: 2305889

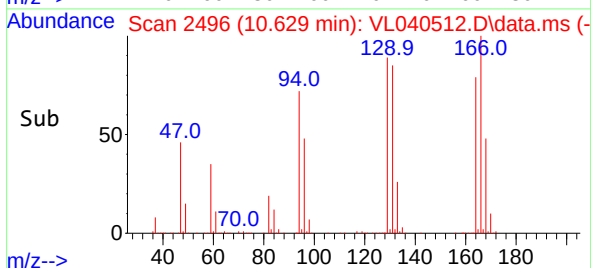
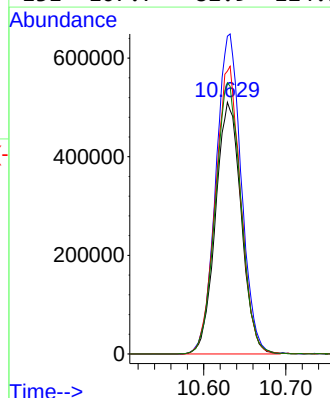
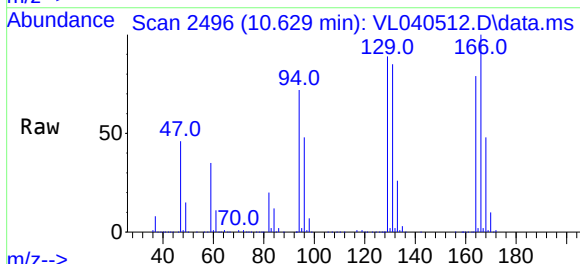
Ion	Ratio	Lower	Upper
43	100		
58	47.7	39.7	59.5
98	0.5	0.3	0.5

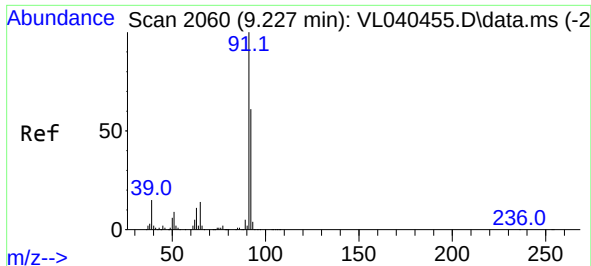


#52
Tetrachloroethene
Concen: 16.640 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 164 Resp: 1111876

Ion	Ratio	Lower	Upper
164	100		
166	126.3	103.9	155.9
129	112.4	84.6	126.8
131	107.7	82.9	124.3

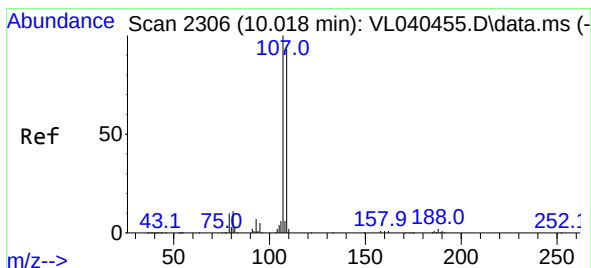
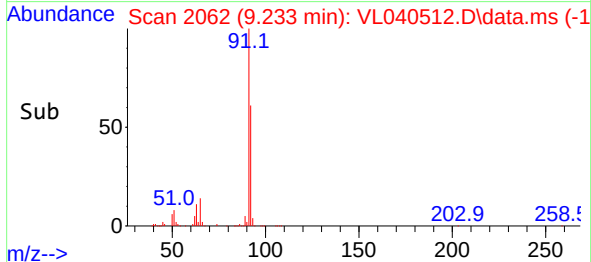
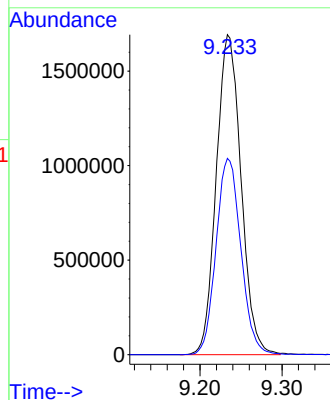
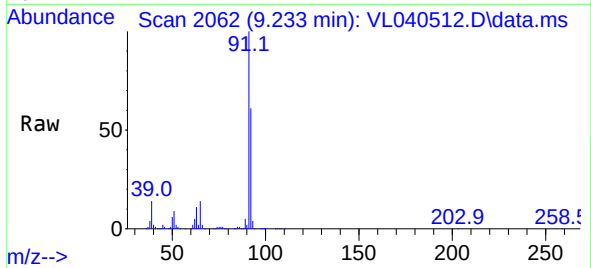




#53
Toluene
Concen: 15.876 ppbv
RT: 9.233 min Scan# 2060
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

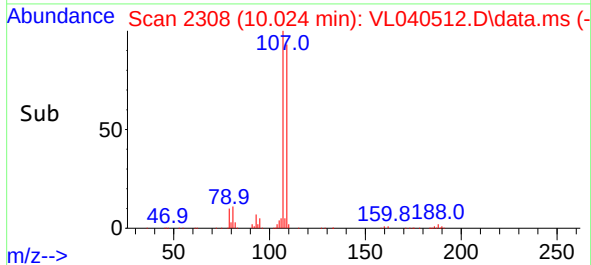
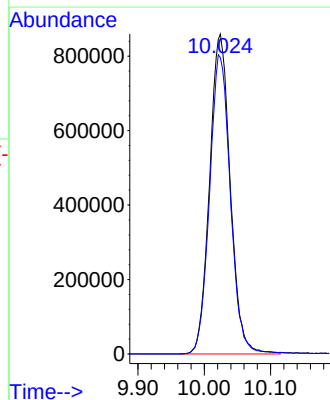
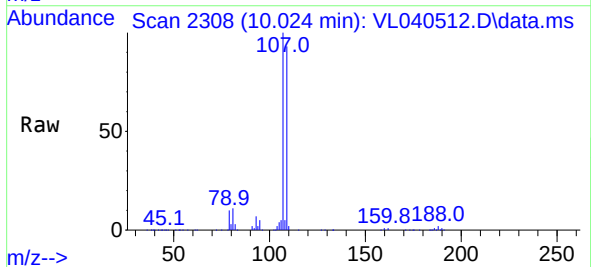
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

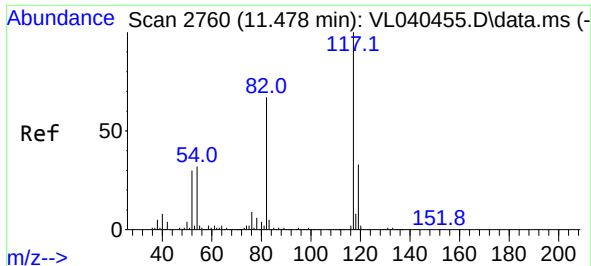
Tgt Ion: 91 Resp: 3558321
Ion Ratio Lower Upper
91 100
92 61.5 49.1 73.7



#54
1,2-Dibromoethane
Concen: 17.083 ppbv
RT: 10.024 min Scan# 2308
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 107 Resp: 1860893
Ion Ratio Lower Upper
107 100
109 92.6 75.4 113.2

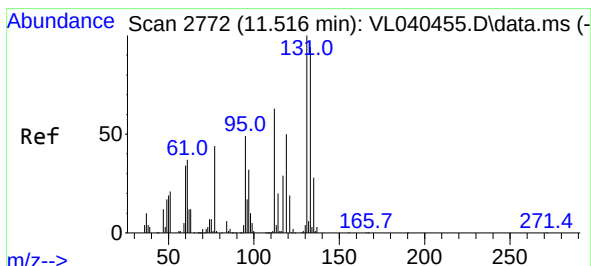
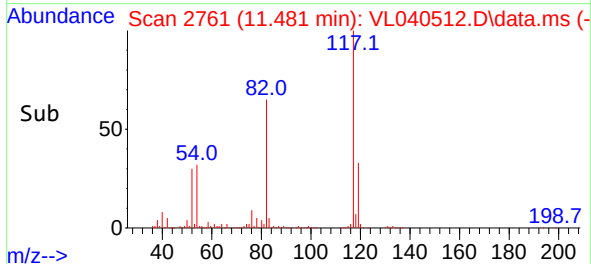
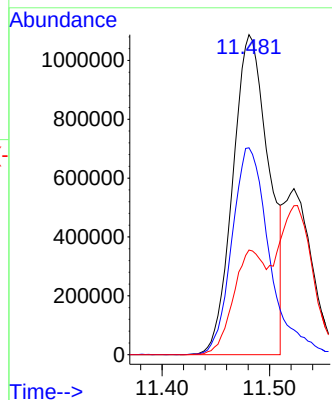
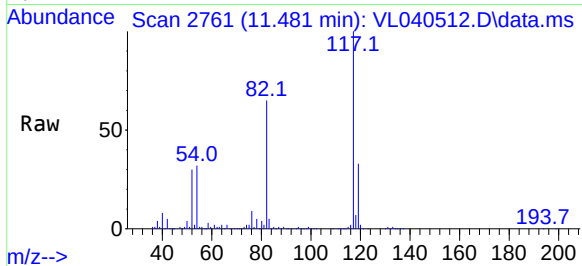




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

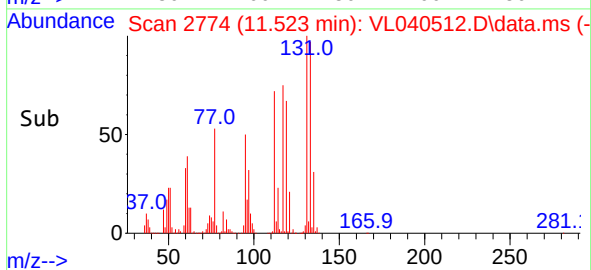
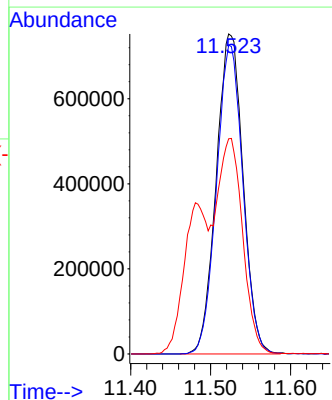
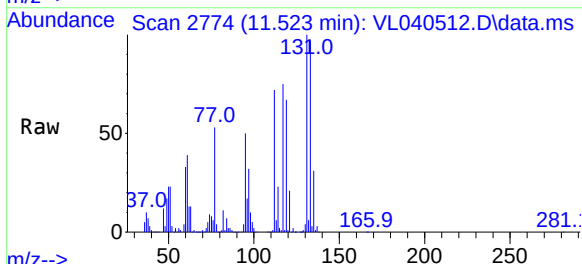
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

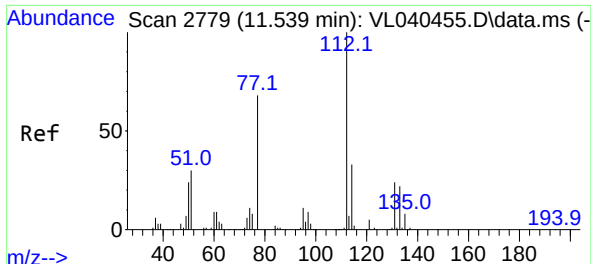
Tgt Ion:117 Resp: 2529620
Ion Ratio Lower Upper
117 100
82 67.7 50.2 75.4
119 0.0 26.9 40.3#



#56
1,1,1,2-Tetrachloroethane
Concen: 15.426 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion:131 Resp: 1747631
Ion Ratio Lower Upper
131 100
133 95.1 76.3 114.5
119 108.7 51.1 76.7#

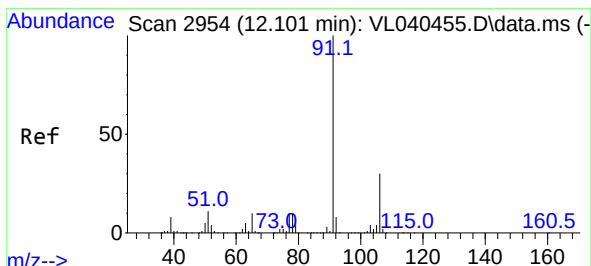
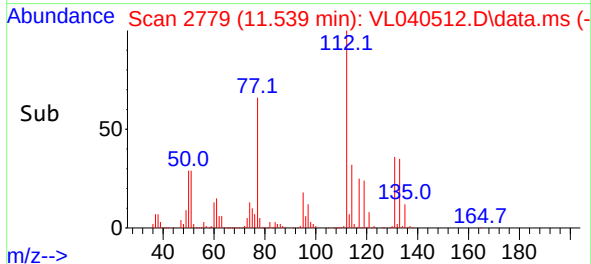
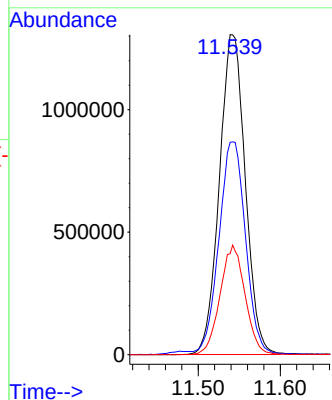
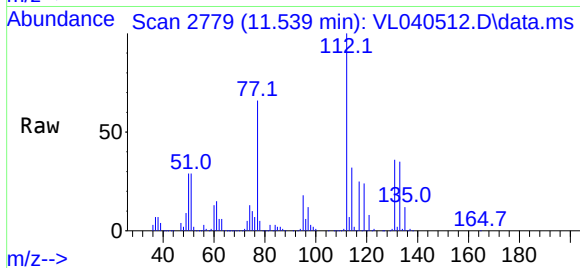




#57
Chlorobenzene
Concen: 14.555 ppbv
RT: 11.539 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

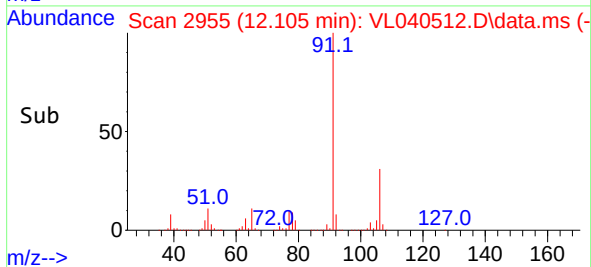
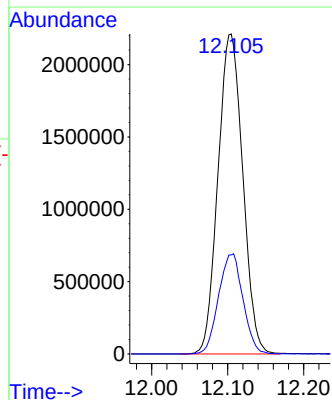
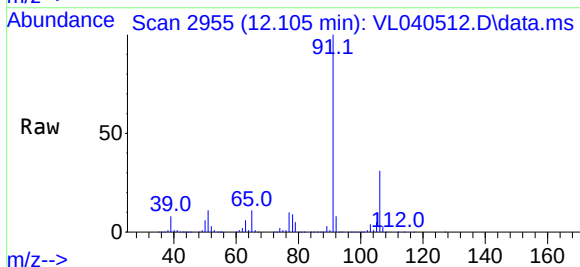
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

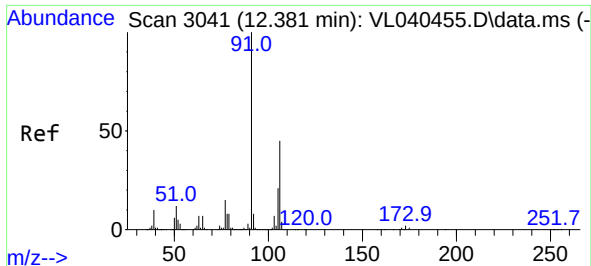
Tgt Ion:112 Resp: 2871422
Ion Ratio Lower Upper
112 100
77 66.0 51.0 76.6
114 31.5 28.3 34.5



#58
Ethyl Benzene
Concen: 15.748 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 91 Resp: 4999311
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0

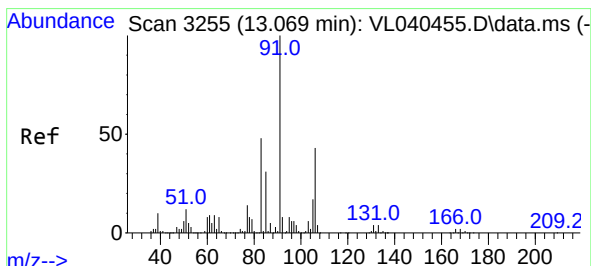
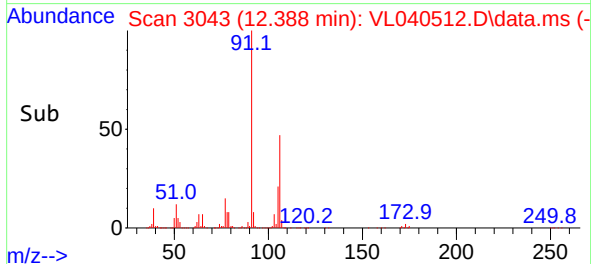
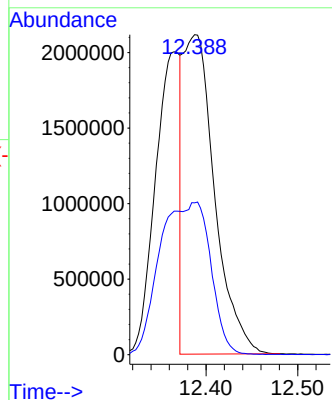
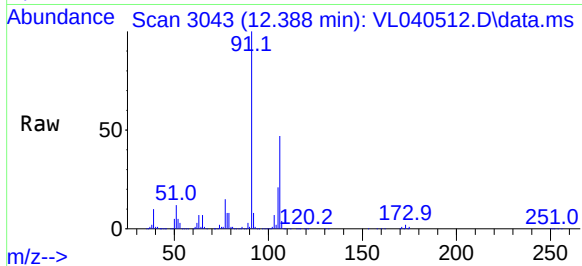




#59
m/p-Xylene
Concen: 17.691 ppbv
RT: 12.388 min Scan# 3041
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

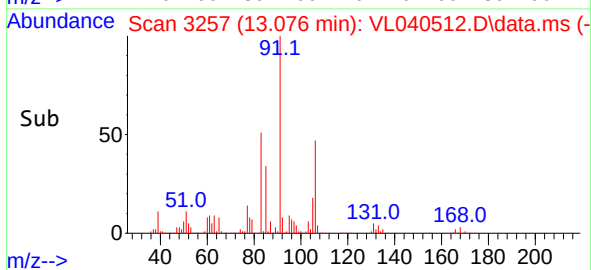
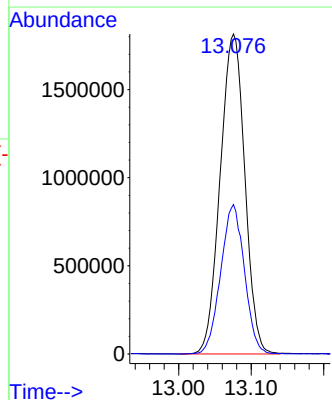
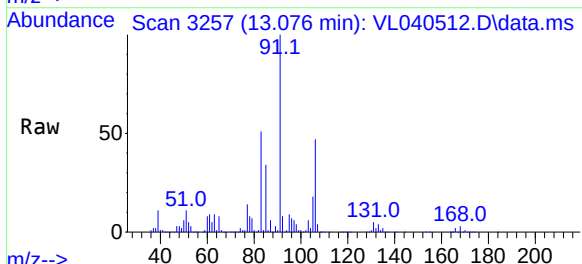
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

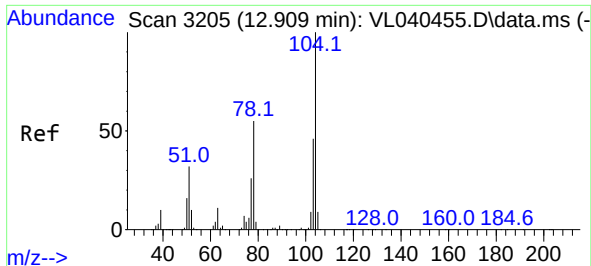
Tgt Ion: 91 Resp: 5012485
Ion Ratio Lower Upper
91 100
106 77.8 35.9 53.9#



#60
o-Xylene
Concen: 15.842 ppbv
RT: 13.076 min Scan# 3257
Delta R.T. 0.006 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 91 Resp: 4275971
Ion Ratio Lower Upper
91 100
106 45.1 22.7 68.0

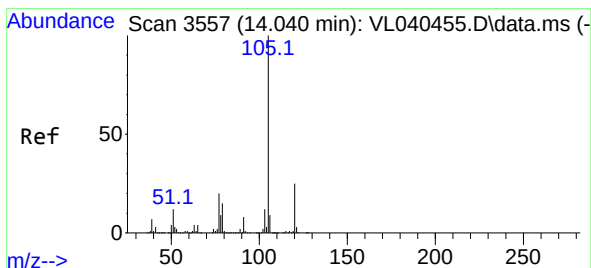
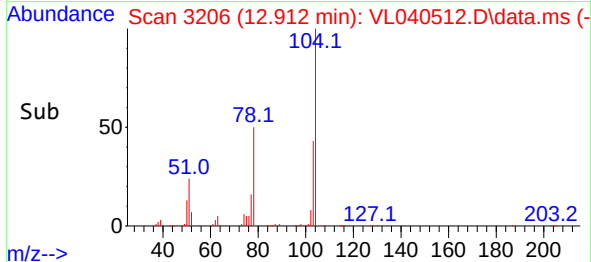
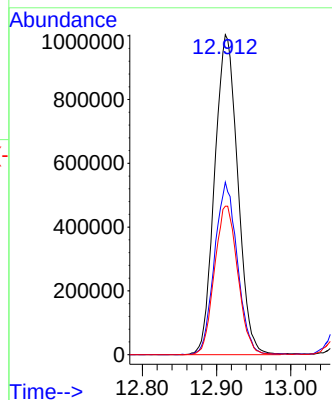
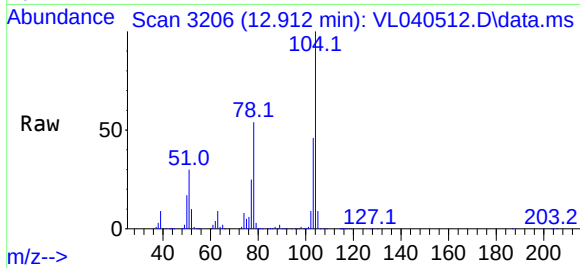




#61
Styrene
Concen: 17.418 ppbv
RT: 12.912 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

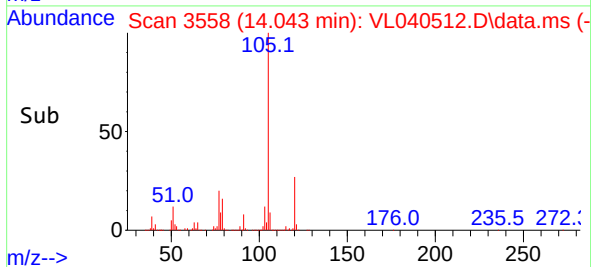
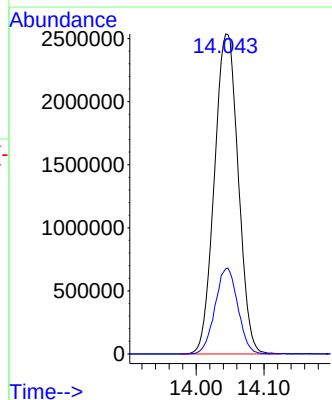
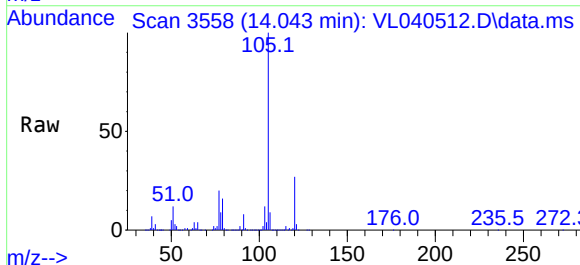
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

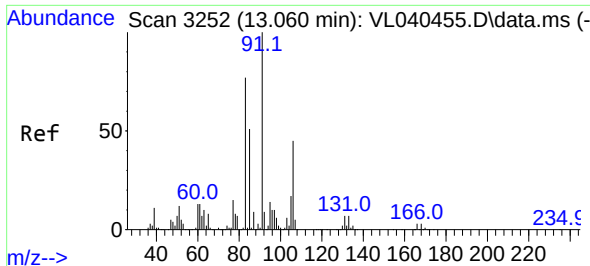
Tgt Ion:104 Resp: 2168669
Ion Ratio Lower Upper
104 100
78 53.3 40.1 60.1
103 47.1 37.0 55.4



#62
Isopropylbenzene
Concen: 15.310 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion:105 Resp: 6193838
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2

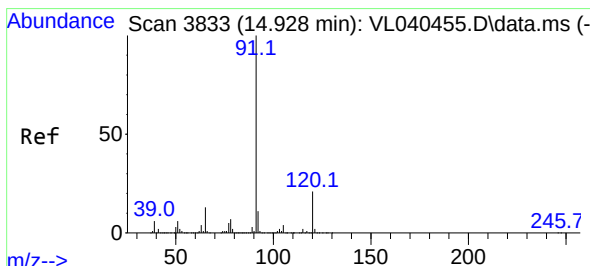
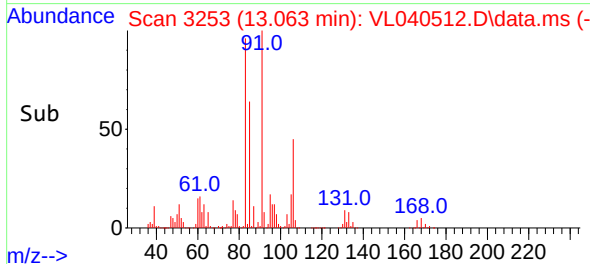
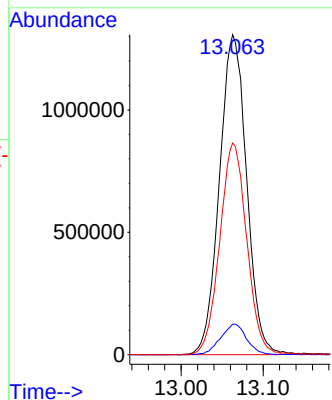
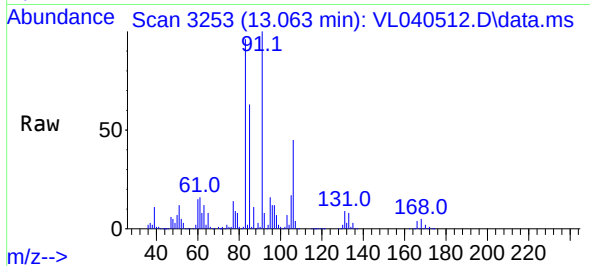




#63
1,1,2,2-Tetrachloroethane
Concen: 15.897 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

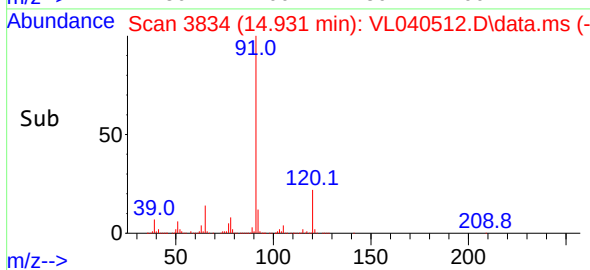
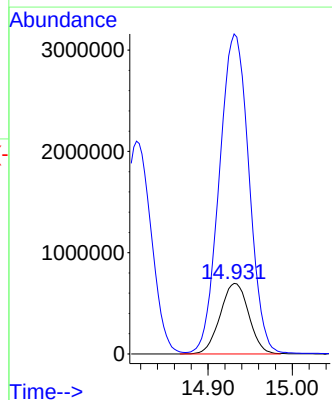
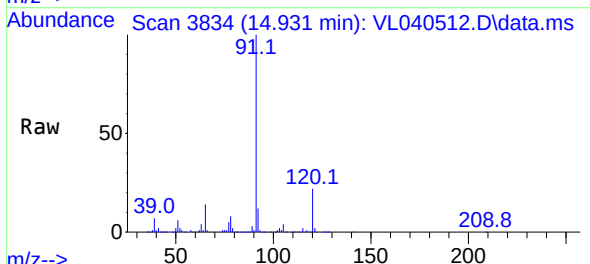
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

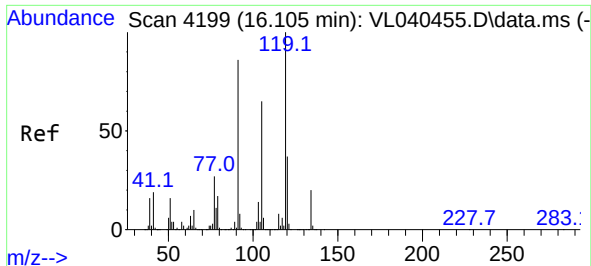
Tgt Ion: 83 Resp: 3004902
Ion Ratio Lower Upper
83 100
131 9.2 4.6 13.8
85 66.2 32.8 98.3



#64
n-propylbenzene
Concen: 15.653 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion:120 Resp: 1638387
Ion Ratio Lower Upper
120 100
91 473.5 374.3 561.5

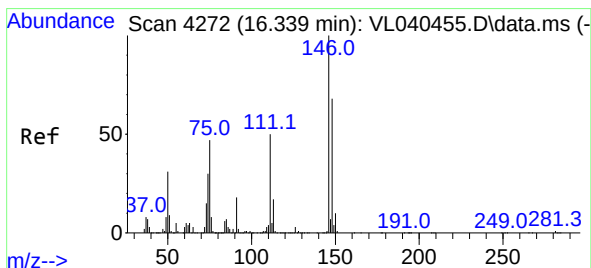
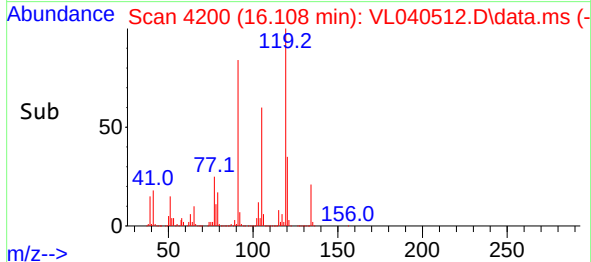
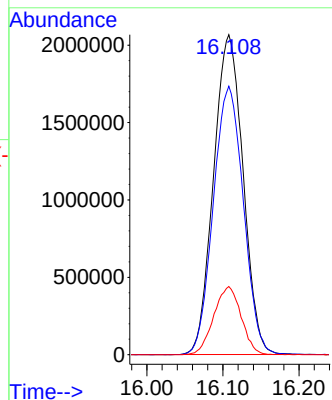
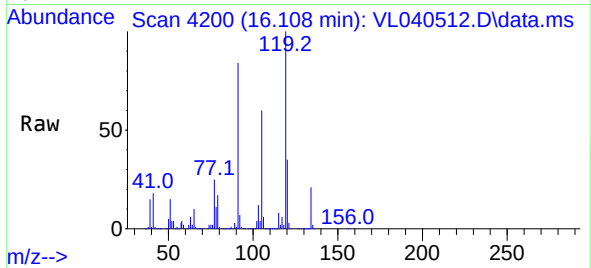




#65
tert-Butylbenzene
Concen: 15.533 ppbv
RT: 16.108 min Scan# 4199
Delta R.T. 0.006 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

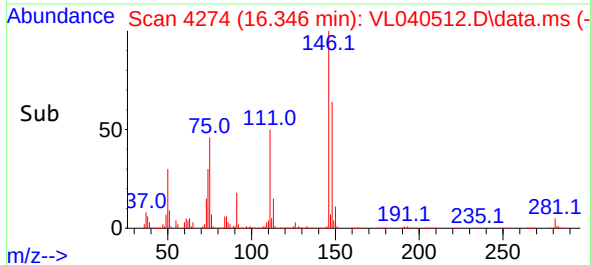
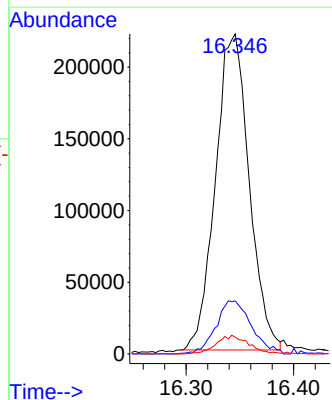
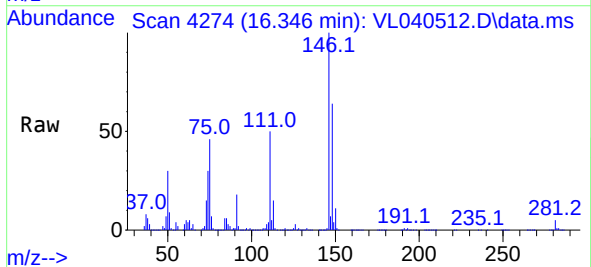
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

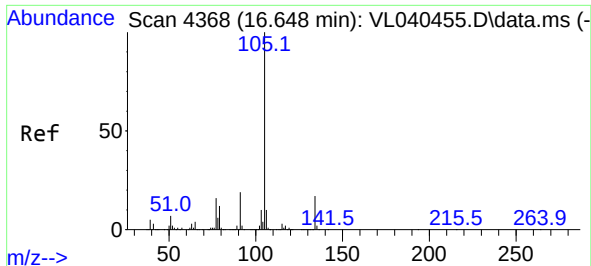
Tgt Ion:119 Resp: 5563166
Ion Ratio Lower Upper
119 100
91 85.7 66.1 99.1
134 19.9 15.7 23.5



#66
Benzyl Chloride
Concen: 18.939 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.010 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 91 Resp: 479851
Ion Ratio Lower Upper
91 100
126 18.2 15.4 23.2
128 5.8 4.5 6.7

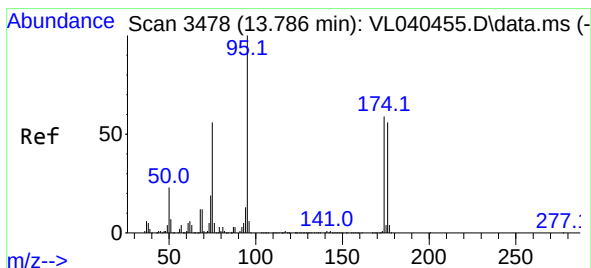
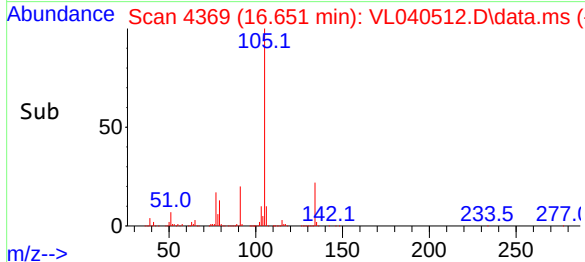
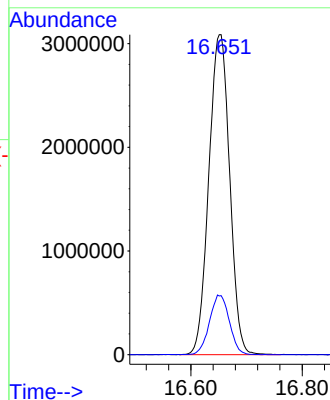
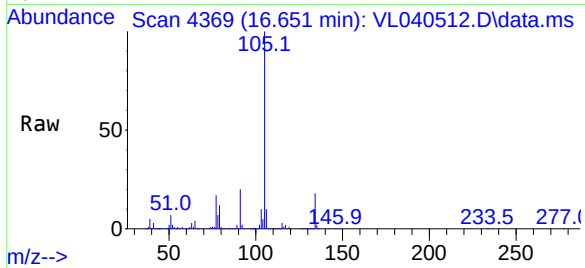




#67
 sec-Butylbenzene
 Concen: 15.206 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040512.D
 Acq: 10 Jul 2023 15:55

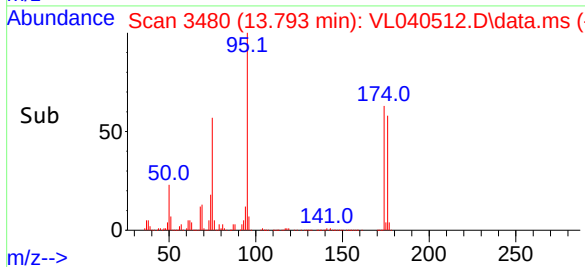
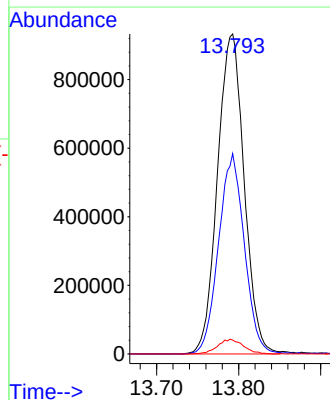
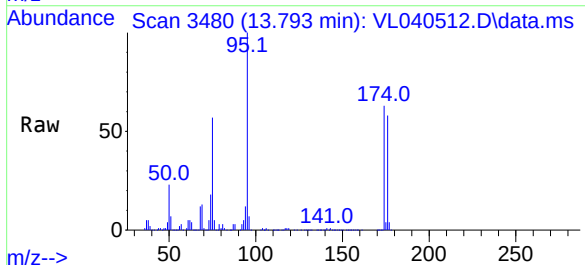
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC015

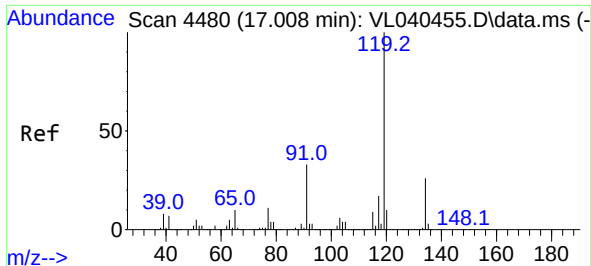
Tgt Ion:105 Resp: 8001729
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.542 ppbv
 RT: 13.793 min Scan# 3480
 Delta R.T. 0.010 min
 Lab File: VL040512.D
 Acq: 10 Jul 2023 15:55

Tgt Ion: 95 Resp: 2110498
 Ion Ratio Lower Upper
 95 100
 174 60.6 50.6 75.8
 175 4.5 3.7 5.5

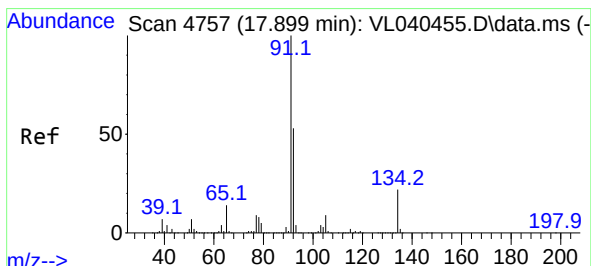
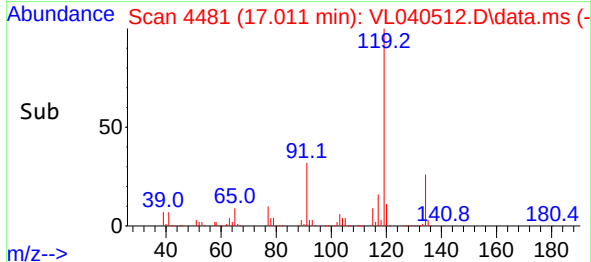
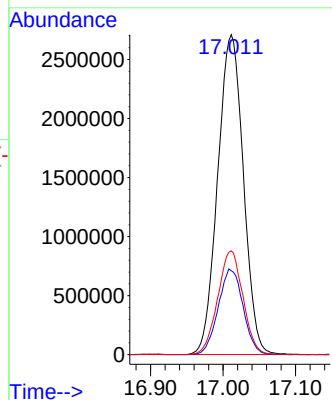
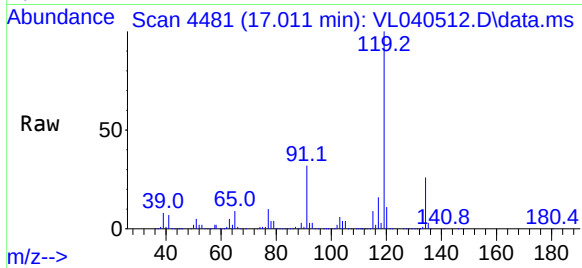




#69
p-Isopropyltoluene
Concen: 15.327 ppbv
RT: 17.011 min Scan# 4481
Delta R.T. 0.006 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

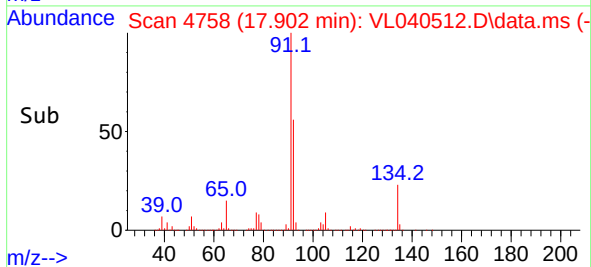
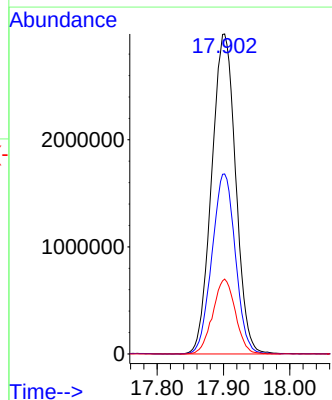
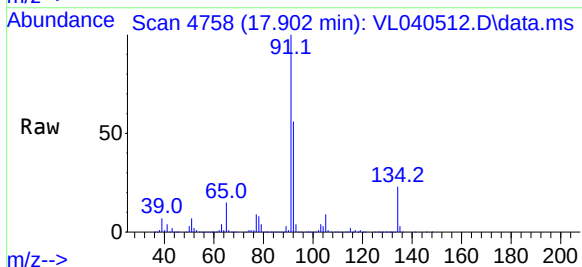
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

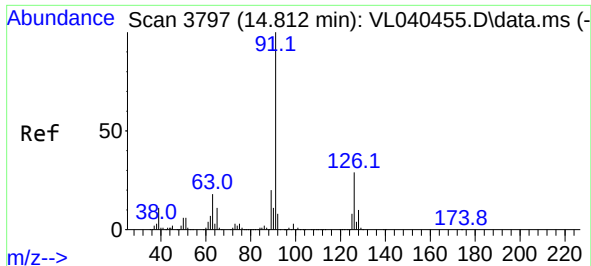
Tgt Ion:119 Resp: 6665398
Ion Ratio Lower Upper
119 100
134 26.0 20.5 30.7
91 31.9 23.8 35.8



#70
n-Butylbenzene
Concen: 15.498 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.006 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 91 Resp: 7515996
Ion Ratio Lower Upper
91 100
92 55.0 43.4 65.0
134 22.1 18.1 27.1

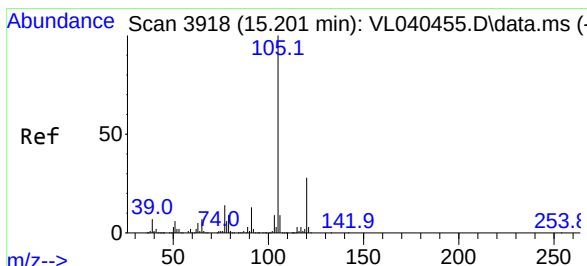
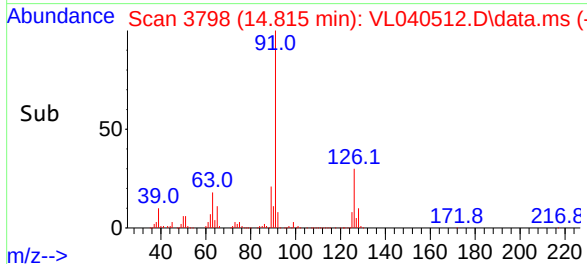
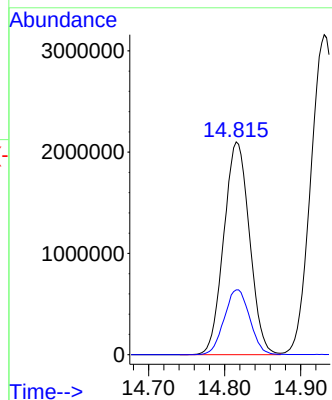
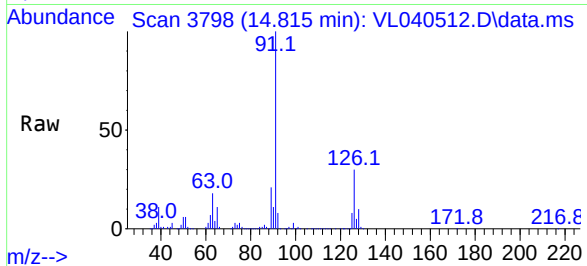




#71
2-Chlorotoluene
Concen: 15.817 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

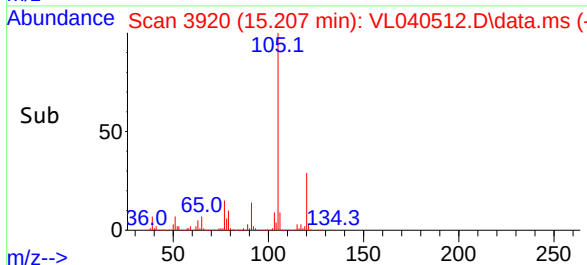
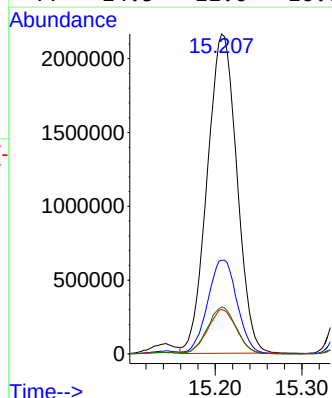
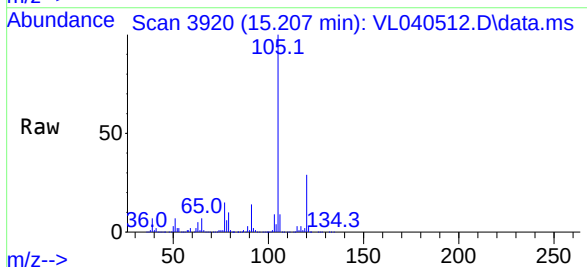
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

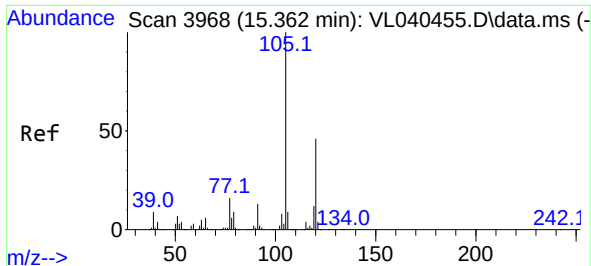
Tgt Ion: 91 Resp: 4931343
Ion Ratio Lower Upper
91 100
126 30.4 12.4 49.8



#72
4-Ethyltoluene
Concen: 16.240 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion: 105 Resp: 5138289
Ion Ratio Lower Upper
105 100
120 30.2 24.6 37.0
91 14.2 10.7 16.1
77 14.5 11.0 16.6

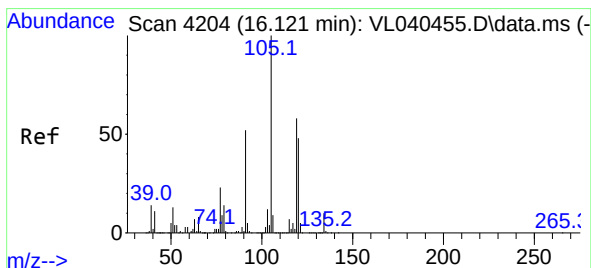
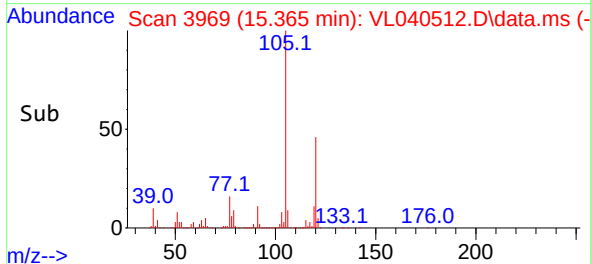
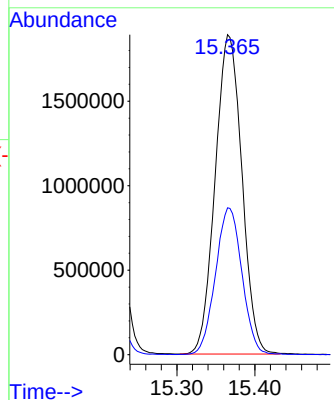
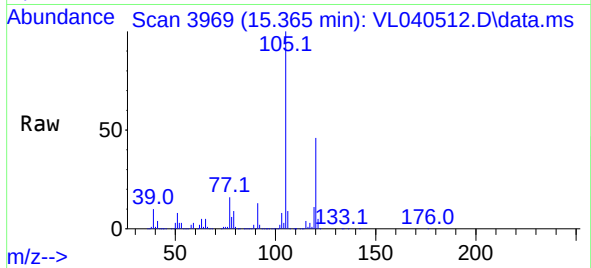




#73
1,3,5-Trimethylbenzene
Concen: 16.132 ppbv
RT: 15.365 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

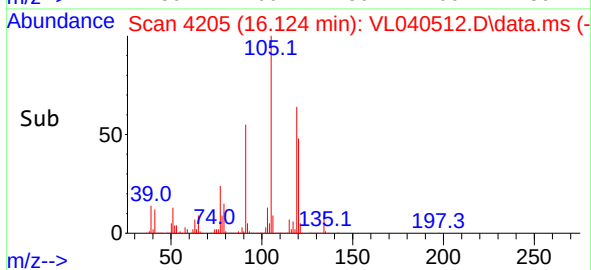
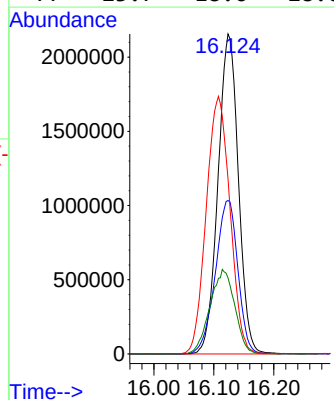
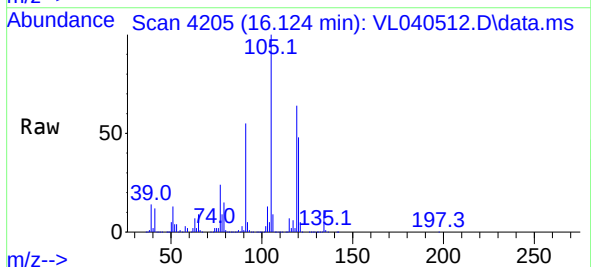
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

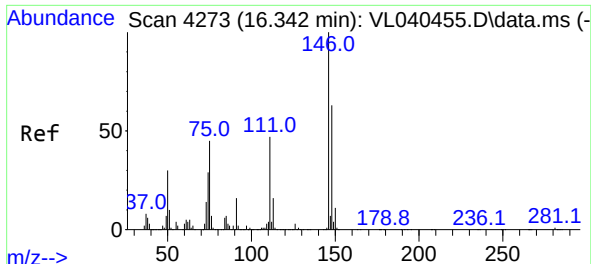
Tgt Ion:105 Resp: 4499108
Ion Ratio Lower Upper
105 100
120 45.8 38.2 57.2



#74
1,2,4-Trimethylbenzene
Concen: 15.625 ppbv
RT: 16.124 min Scan# 4205
Delta R.T. 0.006 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion:105 Resp: 5080562
Ion Ratio Lower Upper
105 100
120 47.9 40.3 60.5
91 54.6 46.8 70.2
77 23.7 18.6 28.0

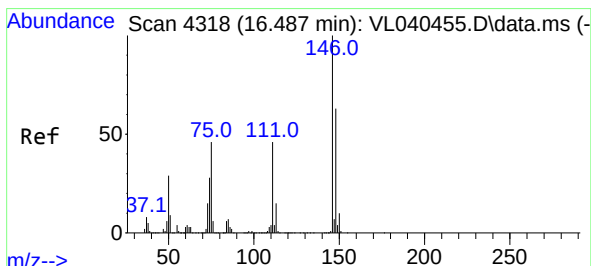
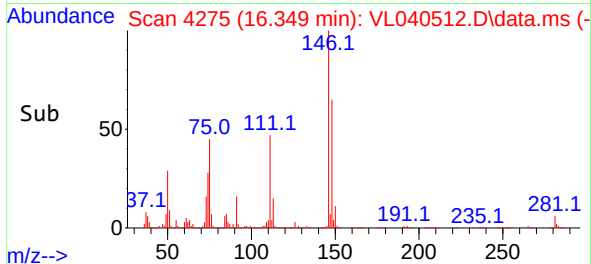
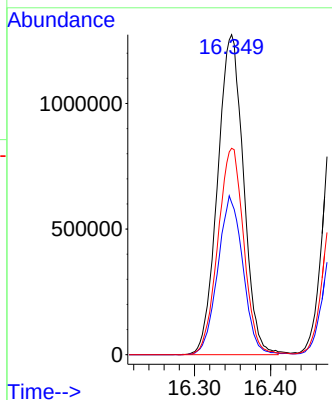
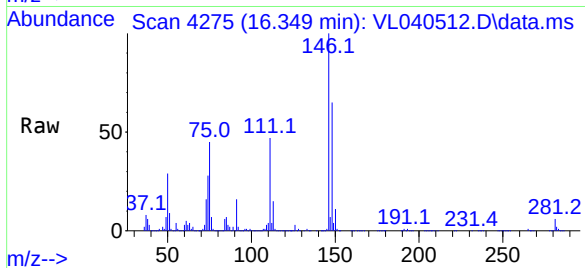




#75
1,3-Dichlorobenzene
Concen: 15.286 ppbv
RT: 16.349 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

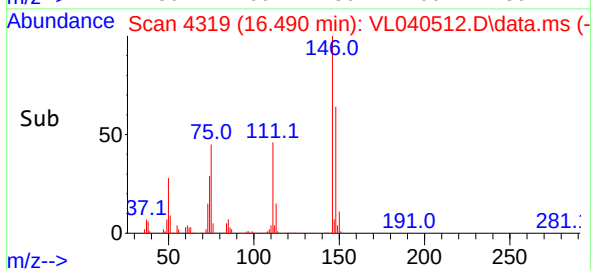
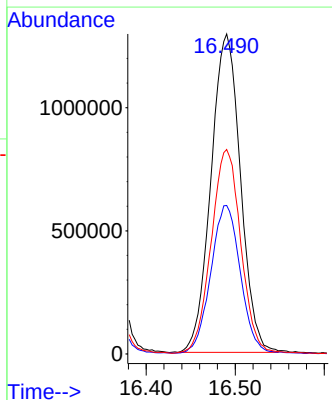
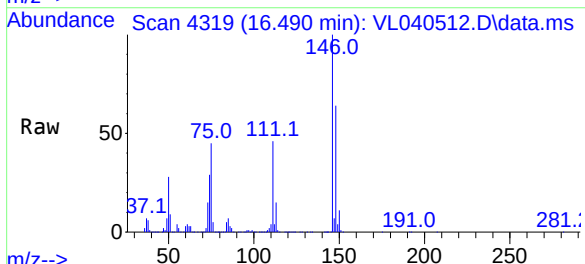
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC015

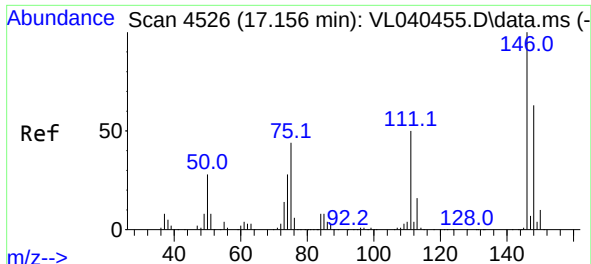
Tgt Ion:146 Resp: 3013622
Ion Ratio Lower Upper
146 100
111 48.4 23.6 71.0
148 64.5 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 15.398 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion:146 Resp: 2976688
Ion Ratio Lower Upper
146 100
111 47.4 22.8 68.3
148 65.2 32.6 97.8

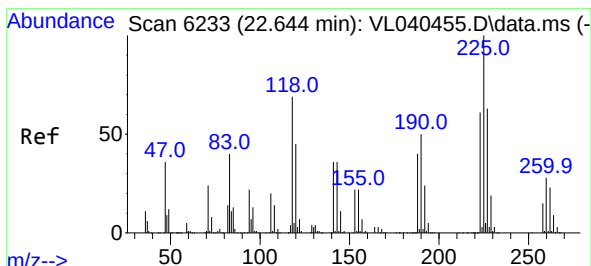
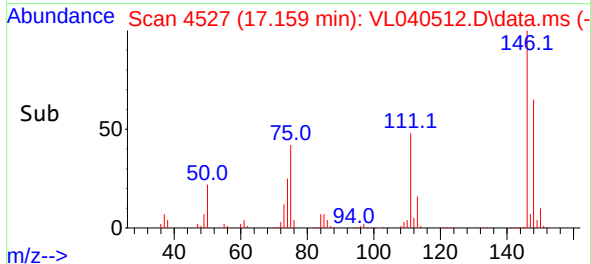
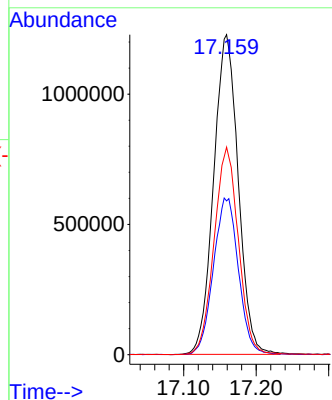
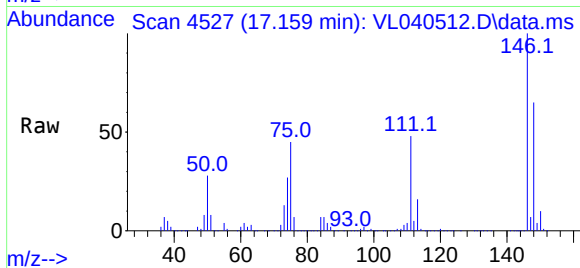




#77
1,2-Dichlorobenzene
Concen: 15.357 ppbv
RT: 17.159 min Scan# 4526
Delta R.T. 0.006 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

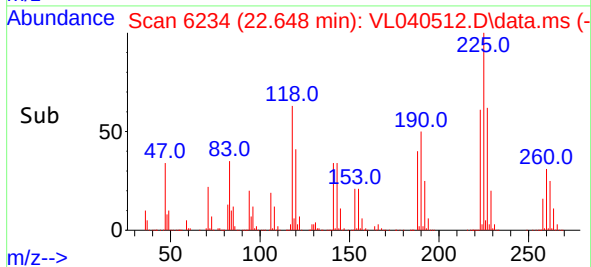
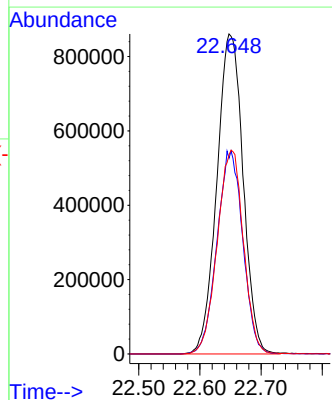
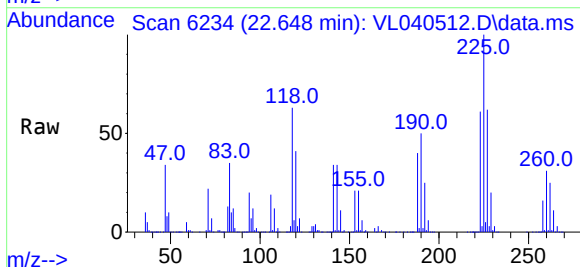
Instrument :
MSVOA_L
ClientSampleId :
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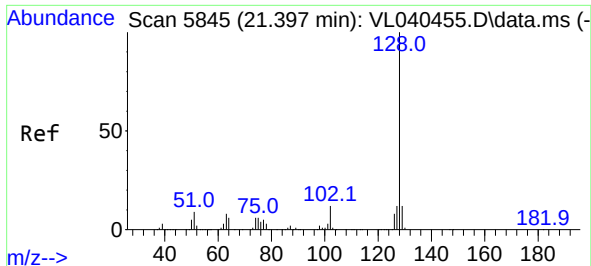
Tgt Ion:146 Resp: 2894875
Ion Ratio Lower Upper
146 100
111 50.1 24.3 72.8
148 64.1 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 14.498 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. -0.000 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion:225 Resp: 2566632
Ion Ratio Lower Upper
225 100
223 62.7 50.3 75.5
227 63.5 51.0 76.6

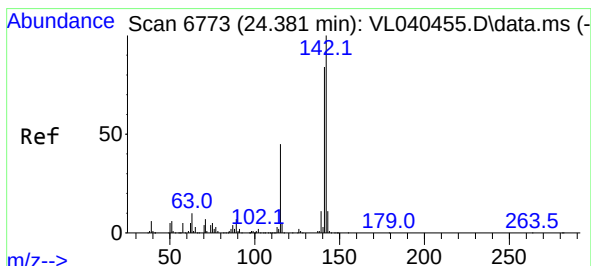
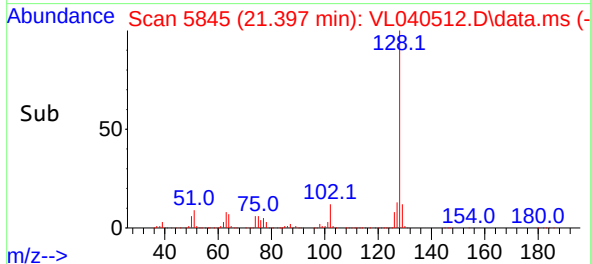
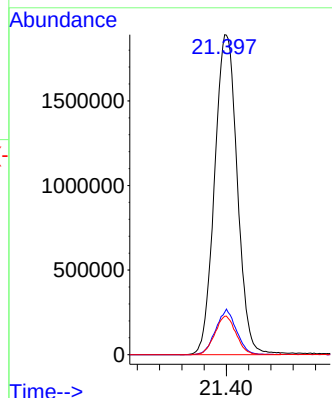
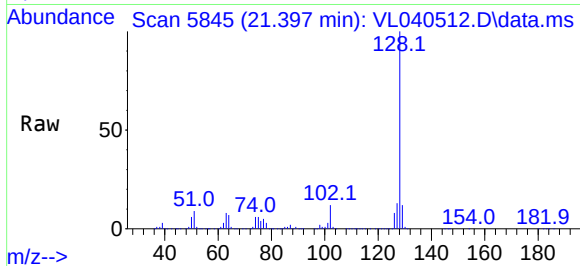




#79
Naphthalene
Concen: 19.436 ppbv
RT: 21.397 min Scan# 5845
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

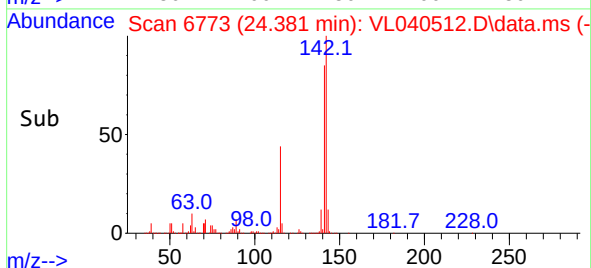
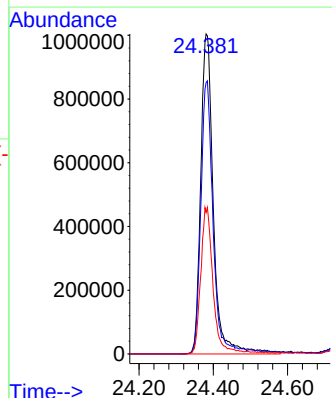
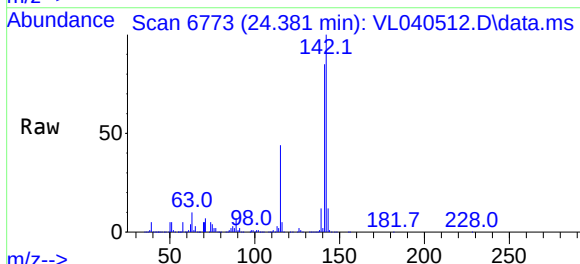
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Tgt Ion:128 Resp: 5347135
Ion Ratio Lower Upper
128 100
127 13.2 10.7 16.1
129 12.0 9.2 13.8

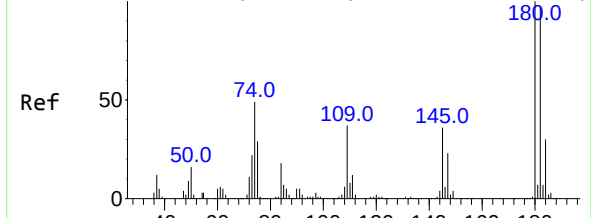


#80
Naphthalene,2-methyl-
Concen: 20.999 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.003 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Tgt Ion:142 Resp: 2382110
Ion Ratio Lower Upper
142 100
141 84.1 66.7 100.1
115 45.5 33.0 49.6



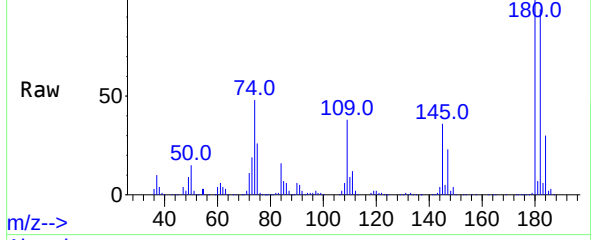
Abundance Scan 5769 (21.153 min): VL040455.D\data.ms (-



#81
1,2,4-Trichlorobenzene
Concen: 16.429 ppbv
RT: 21.156 min Scan# 51
Delta R.T. 0.006 min
Lab File: VL040512.D
Acq: 10 Jul 2023 15:55

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC015

Abundance Scan 5770 (21.156 min): VL040512.D\data.ms



Tgt Ion:180 Resp: 3114749
Ion Ratio Lower Upper
180 100
182 96.5 77.5 116.3
184 30.9 24.5 36.7

Abundance Scan 5770 (21.156 min): VL040512.D\data.ms (-

