

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040507.D
 Acq On : 10 Jul 2023 12:28
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

Quant Time: Jul 11 02:13:40 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	5.201	49	1137002	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	3080559	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2945686	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	2210761	9.483	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.735	85	453460	1.994	ppbv	100
3) Chlorodifluoromethane	2.681	51	372019	2.064	ppbv	99
4) Chloromethane	2.819	50	145475	2.038	ppbv	99
5) Vinyl Chloride	2.928	62	158053	2.108	ppbv	100
6) Bromomethane	3.127	94	61045	1.929	ppbv	91
7) Chloroethane	3.201	64	54941	2.089	ppbv	98
8) Dichlorotetrafluoroethane	2.864	85	376146	2.010	ppbv	98
9) Propene	2.700	41	131710	2.135	ppbv	99
10) Heptane	7.590	43	295621	2.170	ppbv	100
11) Trichlorofluoromethane	3.571	101	368577	2.008	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.076	101	255702	1.978	ppbv	100
13) Ethanol	3.259	45	30244	2.253	ppbv	99
14) Bromoethene	3.375	108	113537	2.043	ppbv	99
15) Acetone	3.478	43	261910	2.001	ppbv	96
16) 1,3-Butadiene	2.992	39	133904	2.028	ppbv	95
17) tert-Butyl alcohol	3.886	59	266419	1.968	ppbv	99
18) 1,1-Dichloroethene	3.886	96	112174	1.888	ppbv	96
19) Isopropyl Alcohol	3.584	45	156712	2.086	ppbv #	97
20) Methylene Chloride	3.938	84	113467	2.038	ppbv	93
21) Allyl Chloride	4.002	41	148782	1.991	ppbv	95
22) trans-1,2-Dichloroethene	4.452	96	115952	1.978	ppbv	88
23) Vinyl Acetate	4.635	43	240836	1.932	ppbv	98
24) 1,1-Dichloroethane	4.571	63	254851	2.014	ppbv	99
25) Ethyl Acetate	5.217	43	527222	2.116	ppbv	98
26) Hexane	5.221	57	250116	2.161	ppbv	98
27) Carbon Disulfide	4.134	76	271444	1.994	ppbv	97
28) Methyl tert-Butyl Ether	4.597	73	189195	2.030	ppbv	98
29) Chloroform	5.282	83	386711	2.014	ppbv	99
30) Cyclohexane	6.610	84	208520	2.165	ppbv	94
31) cis-1,2-Dichloroethene	5.086	61	233756	2.043	ppbv	100
32) 1,1,1-Trichloroethane	6.012	97	376855	2.006	ppbv	98
34) 2-Butanone	4.796	43	324041	2.129	ppbv	99
35) Carbon Tetrachloride	6.504	117	379135	2.045	ppbv	99
36) Benzene	6.378	78	522059	2.106	ppbv	99
37) 1,2-Dichloroethane	5.812	62	295090	2.024	ppbv	100
38) Trichloroethene	7.301	130	203969	2.176	ppbv	95
39) 1,2-Dichloropropane	7.082	63	192692	2.019	ppbv	94
40) 1,4-Dioxane	7.311	88	65045	2.179	ppbv #	35
41) Tetrahydrofuran	5.571	42	186965	2.105	ppbv	99
42) Bromodichloromethane	7.259	83	406227	2.003	ppbv	95
43) Methyl Methacrylate	7.484	69	192595	2.076	ppbv	96
44) 2,2,4-Trimethylpentane	7.336	57	852680	2.138	ppbv	99
45) t-1,3-Dichloropropene	8.722	75	112872	1.897	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040507.D
 Acq On : 10 Jul 2023 12:28
 Operator : SY/MD
 Sample : VSTDICC002
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

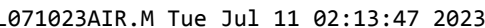
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

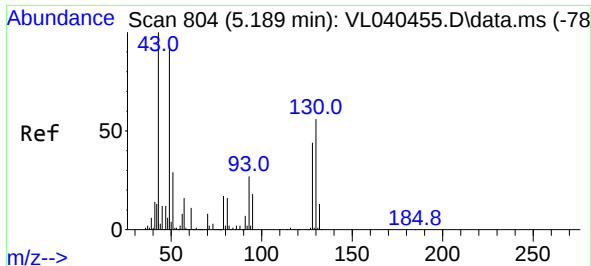
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Mon Jul 10 16:32:00 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	158920	2.081	ppbv	99
47) 1,1,2-Trichloroethane	8.909	97	217111	2.062	ppbv	98
48) Dibromochloromethane	9.722	129	325840	2.002	ppbv	99
49) Bromoform	12.423	173	256633	1.989	ppbv	99
50) 4-Methyl-2-Pentanone	8.198	43	460058	2.080	ppbv	99
51) 2-Hexanone	9.568	43	321216	2.054	ppbv #	100
52) Tetrachloroethene	10.629	164	180180	2.245	ppbv	97
53) Toluene	9.233	91	575864	2.139	ppbv	100
54) 1,2-Dibromoethane	10.021	107	279029	2.132	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.526	131	260724	1.976	ppbv #	1
57) Chlorobenzene	11.539	112	472575	2.057	ppbv	99
58) Ethyl Benzene	12.105	91	791159	2.140	ppbv	97
59) m/p-Xylene	12.388	91	478735	1.451	ppbv #	1
60) o-Xylene	13.072	91	662442	2.108	ppbv	99
61) Styrene	12.912	104	307720	2.122	ppbv	99
62) Isopropylbenzene	14.040	105	983499	2.088	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.063	83	474132	2.154	ppbv	98
64) n-propylbenzene	14.931	120	257094	2.109	ppbv	90
65) tert-Butylbenzene	16.101	119	895353	2.147	ppbv	99
66) Benzyl Chloride	16.346	91	43224	1.465	ppbv	96
67) sec-Butylbenzene	16.648	105	1307327	2.133	ppbv	98
69) p-Isopropyltoluene	17.008	119	1086423	2.145	ppbv	99
70) n-Butylbenzene	17.902	91	1202742	2.130	ppbv	98
71) 2-Chlorotoluene	14.815	91	763650	2.103	ppbv	100
72) 4-Ethyltoluene	15.207	105	791269	2.148	ppbv	99
73) 1,3,5-Trimethylbenzene	15.365	105	692752	2.133	ppbv	92
74) 1,2,4-Trimethylbenzene	16.121	105	807031	2.131	ppbv	96
75) 1,3-Dichlorobenzene	16.346	146	465112	2.026	ppbv	98
76) 1,4-Dichlorobenzene	16.487	146	452843	2.012	ppbv	98
77) 1,2-Dichlorobenzene	17.159	146	455001	2.073	ppbv	99
78) Hexachloro-1,3-Butadiene	22.648	225	426999	2.071	ppbv	99
79) Naphthalene	21.400	128	758253	2.367	ppbv	98
80) Naphthalene,2-methyl-	24.390	142	286264	2.167	ppbv	96
81) 1,2,4-Trichlorobenzene	21.156	180	472843	2.142	ppbv	99

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

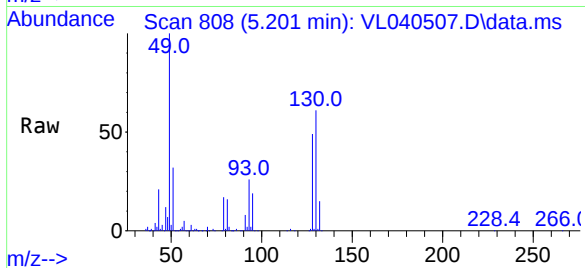
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QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration



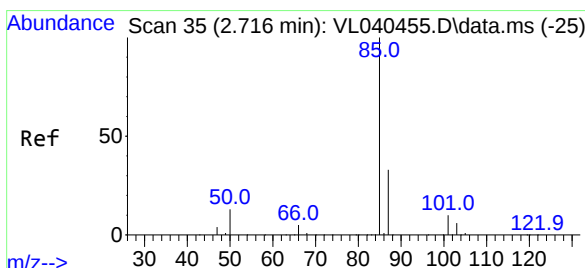
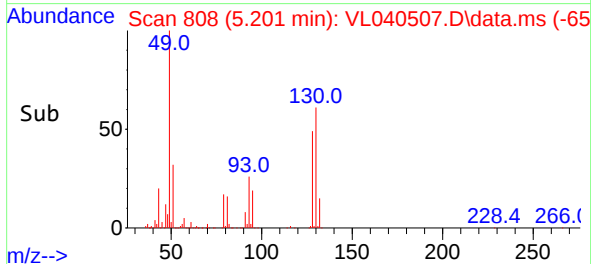
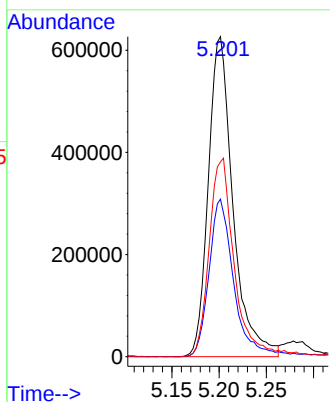


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.001 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

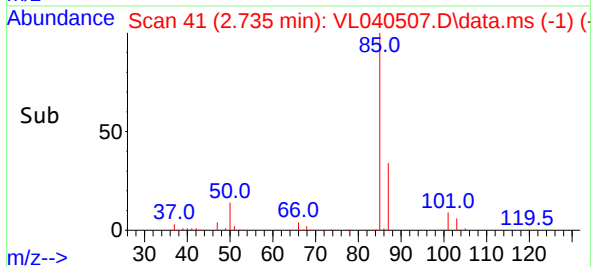
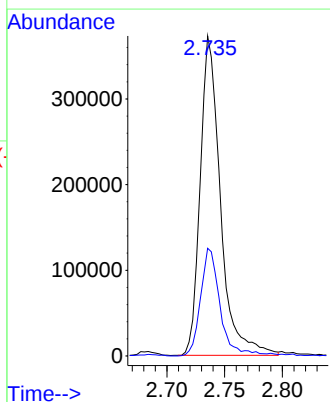
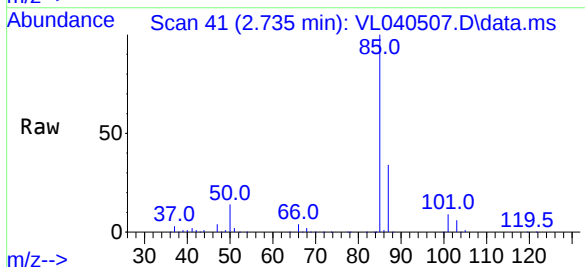


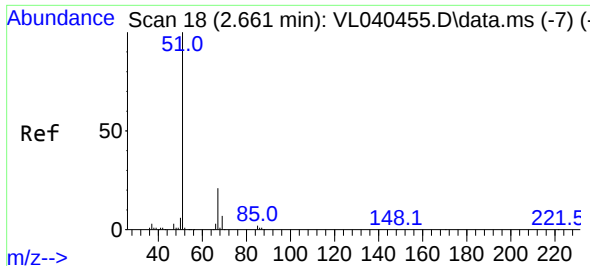
Tgt Ion: 49 Resp: 1137002
Ion Ratio Lower Upper
49 100
128 50.4 25.1 75.4
130 64.4 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 1.994 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 85 Resp: 453460
Ion Ratio Lower Upper
85 100
87 33.7 26.8 40.2

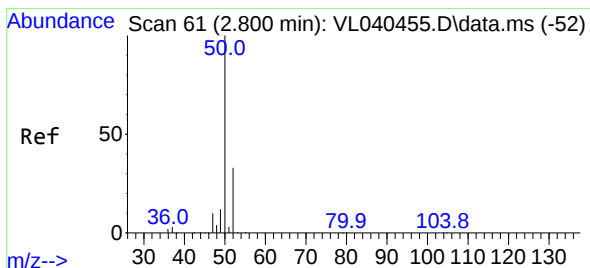
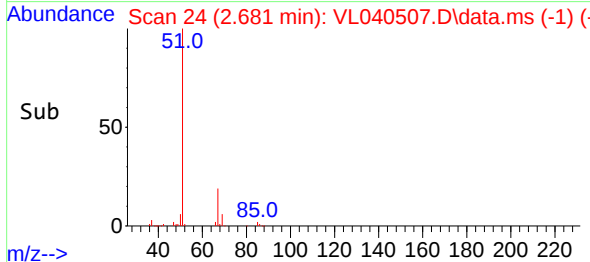
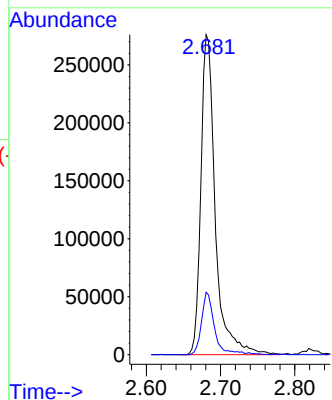
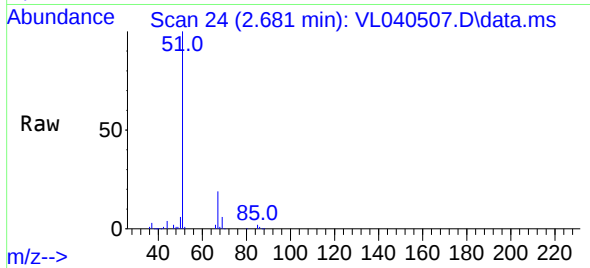




#3
Chlorodifluoromethane
Concen: 2.064 ppbv
RT: 2.681 min Scan# 24
Delta R.T. -0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

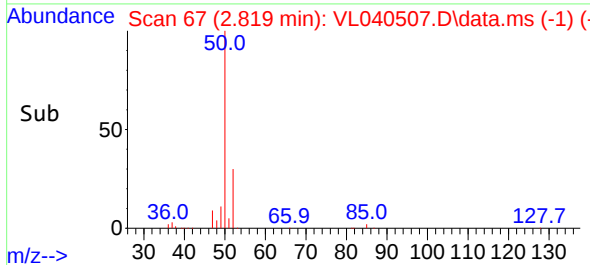
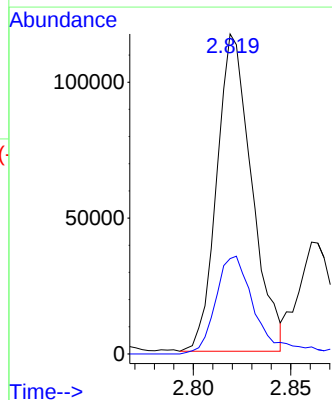
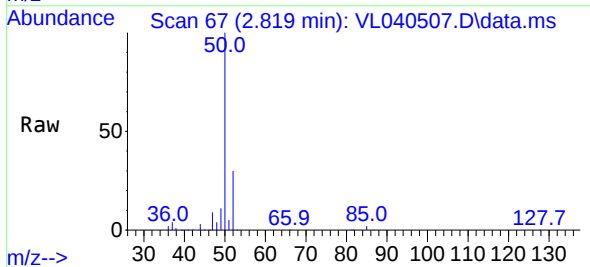
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 51 Resp: 372019
Ion Ratio Lower Upper
51 100
67 17.8 14.6 21.8

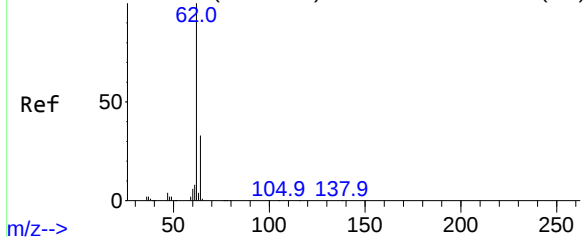


#4
Chloromethane
Concen: 2.038 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 50 Resp: 145475
Ion Ratio Lower Upper
50 100
52 30.0 24.4 36.6



Abundance Scan 94 (2.906 min): VL040455.D\data.ms (-85)

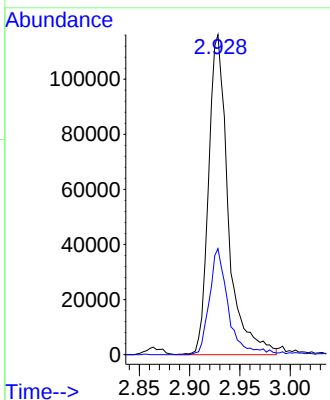
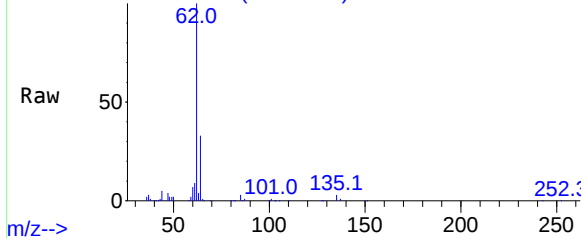


#5
Vinyl Chloride
Concen: 2.108 ppbv
RT: 2.928 min Scan# 101
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

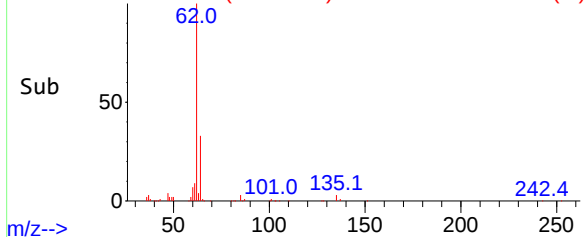
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 62 Resp: 158053
Ion Ratio Lower Upper
62 100
64 33.1 26.4 39.6

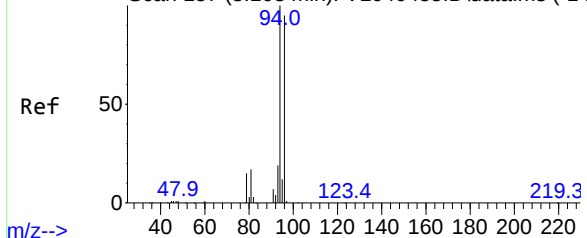
Abundance Scan 101 (2.928 min): VL040507.D\data.ms



Abundance Scan 101 (2.928 min): VL040507.D\data.ms (-1)



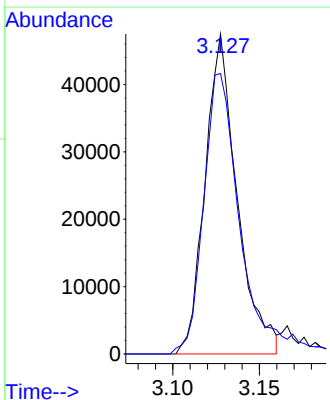
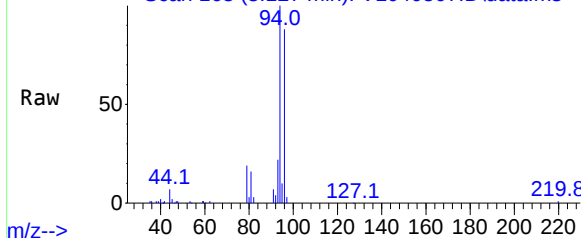
Abundance Scan 157 (3.108 min): VL040455.D\data.ms (-14)



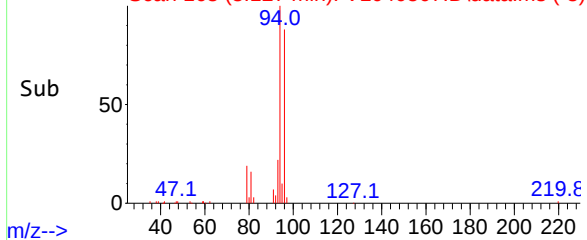
#6
Bromomethane
Concen: 1.929 ppbv
RT: 3.127 min Scan# 163
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

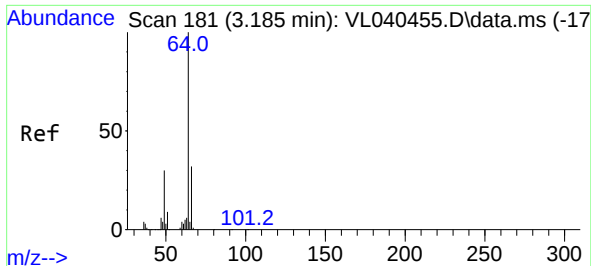
Tgt Ion: 94 Resp: 61045
Ion Ratio Lower Upper
94 100
96 85.9 75.7 113.5

Abundance Scan 163 (3.127 min): VL040507.D\data.ms



Abundance Scan 163 (3.127 min): VL040507.D\data.ms (-8)

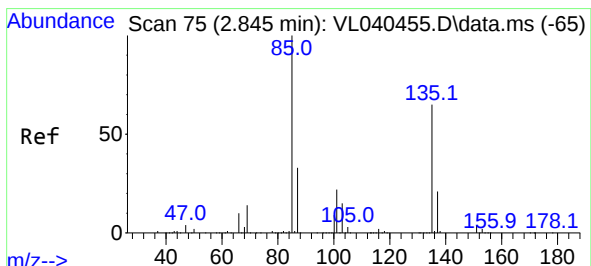
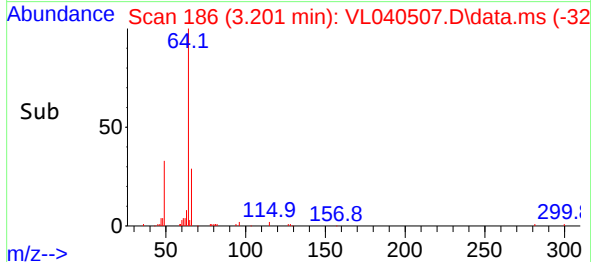
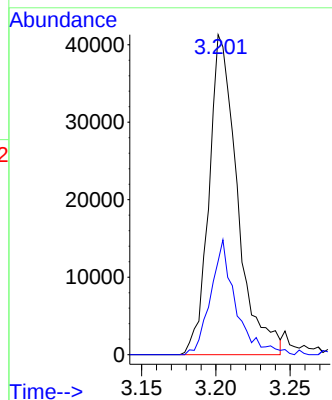
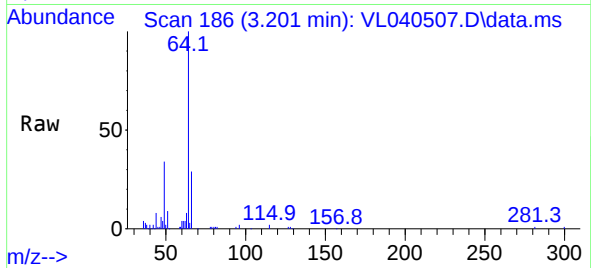




#7
Chloroethane
Concen: 2.089 ppbv
RT: 3.201 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

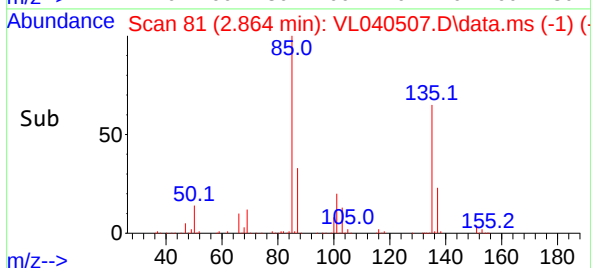
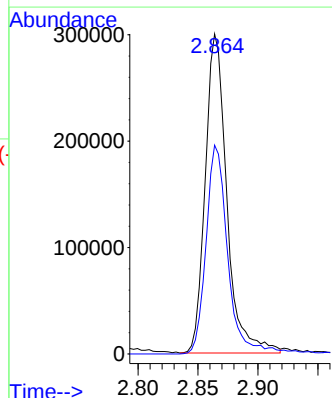
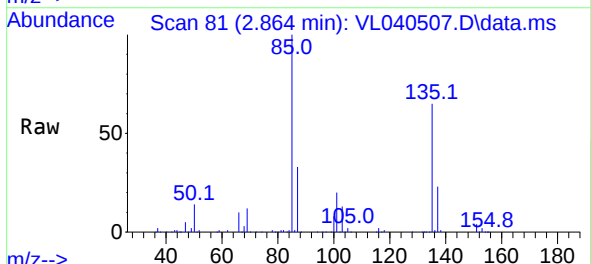
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion: 64 Resp: 54941
Ion Ratio Lower Upper
64 100
66 29.2 24.4 36.6

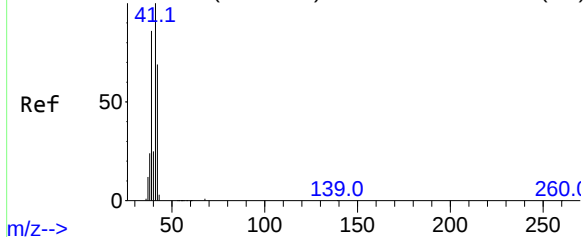


#8
Dichlorotetrafluoroethane
Concen: 2.010 ppbv
RT: 2.864 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 85 Resp: 376146
Ion Ratio Lower Upper
85 100
135 67.0 52.4 78.6



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



#9

Propene

Concen: 2.135 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.003 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

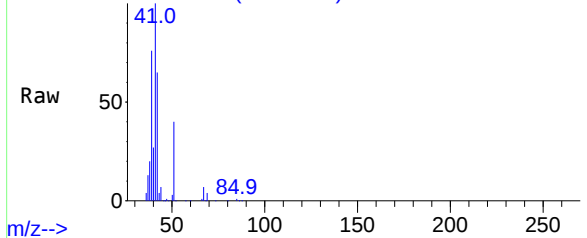
Tgt Ion: 41 Resp: 131710

Ion Ratio Lower Upper

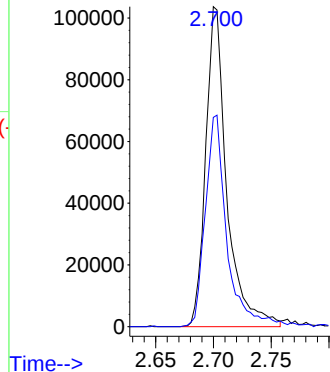
41 100

42 68.3 55.0 82.6

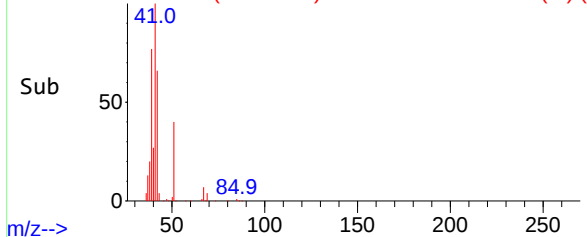
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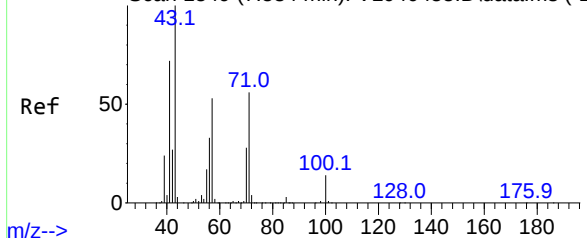
Abundance



Abundance Scan 30 (2.700 min): VL040507.D\data.ms (-1)



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



#10

Heptane

Concen: 2.170 ppbv

RT: 7.590 min Scan# 1551

Delta R.T. -0.000 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

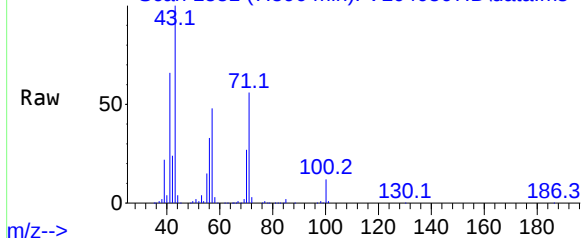
Tgt Ion: 43 Resp: 295621

Ion Ratio Lower Upper

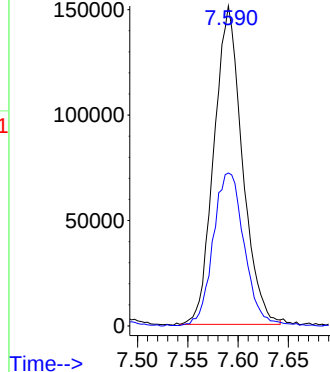
43 100

57 53.2 42.5 63.7

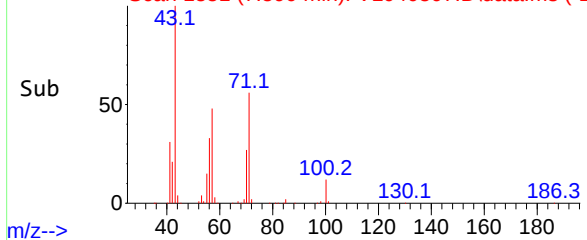
Abundance Scan 1551 (7.590 min): VL040507.D\data.ms

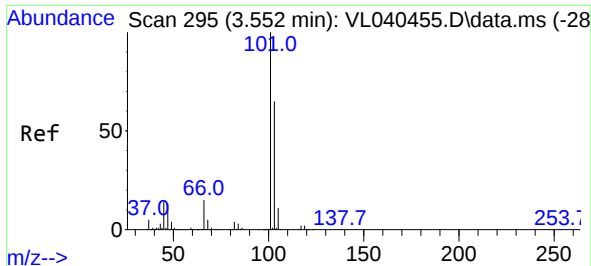


Abundance



Abundance Scan 1551 (7.590 min): VL040507.D\data.ms (-1)

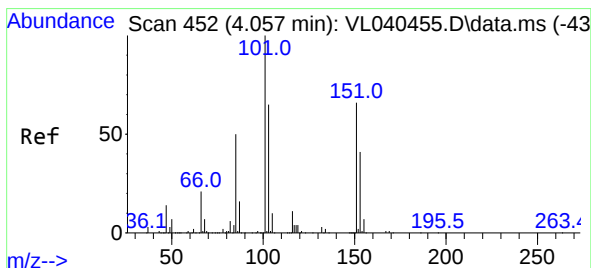
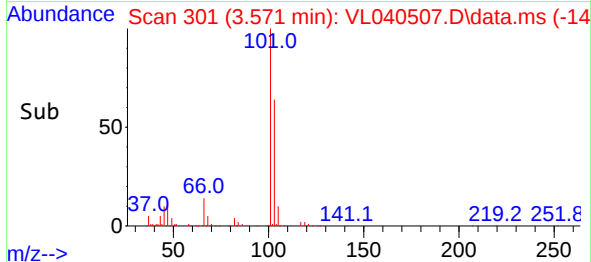
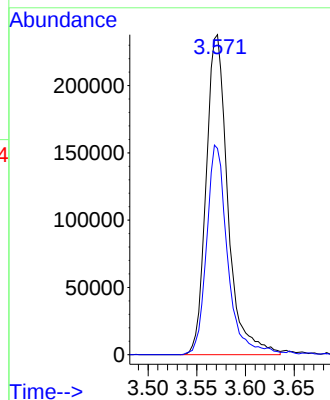
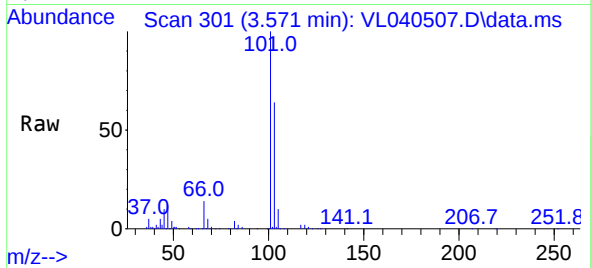




#11
 Trichlorofluoromethane
 Concen: 2.008 ppbv
 RT: 3.571 min Scan# 301
 Delta R.T. -0.000 min
 Lab File: VL040507.D
 Acq: 10 Jul 2023 12:28

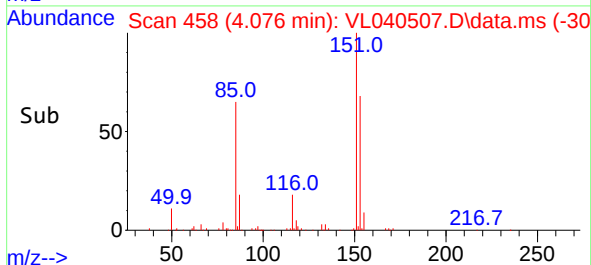
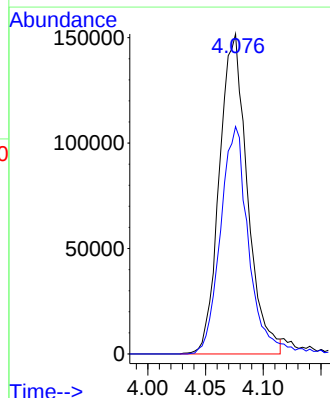
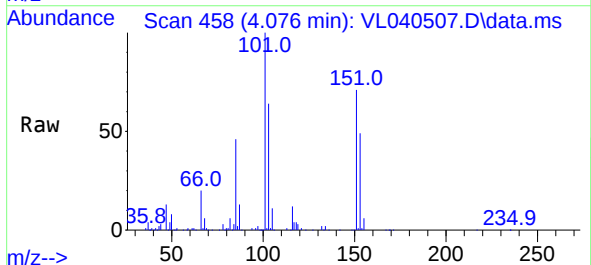
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

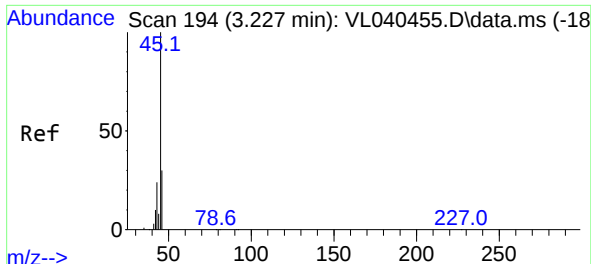
Tgt Ion:101 Resp: 368577
 Ion Ratio Lower Upper
 101 100
 103 64.5 53.4 80.0



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 1.978 ppbv
 RT: 4.076 min Scan# 458
 Delta R.T. 0.003 min
 Lab File: VL040507.D
 Acq: 10 Jul 2023 12:28

Tgt Ion:101 Resp: 255702
 Ion Ratio Lower Upper
 101 100
 151 72.7 58.2 87.4





#13

Ethanol

Concen: 2.253 ppbv

RT: 3.259 min Scan# 204

Delta R.T. 0.013 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

Instrument :

MSVOA_L

ClientSampleId :

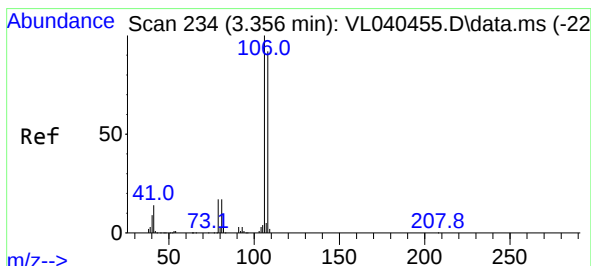
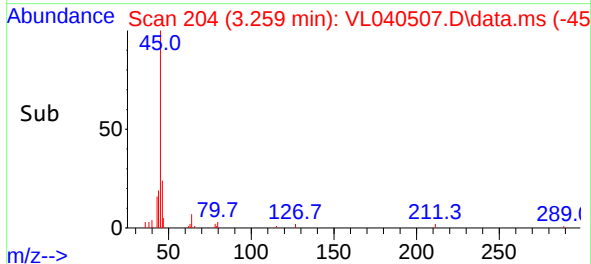
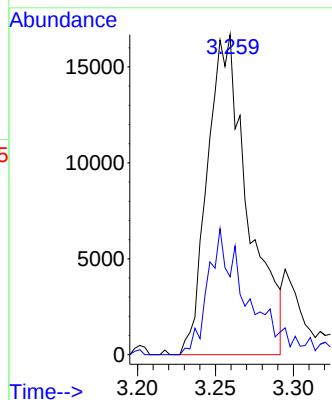
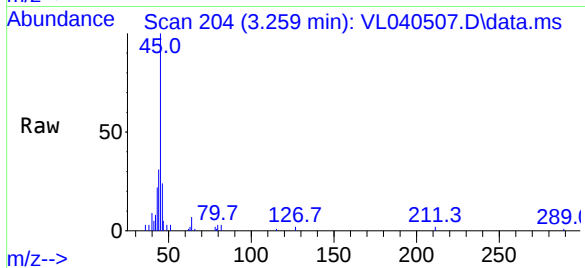
VSTDIC002

Tgt Ion: 45 Resp: 30244

Ion Ratio Lower Upper

45 100

46 38.5 15.3 61.1



#14

Bromoethene

Concen: 2.043 ppbv

RT: 3.375 min Scan# 240

Delta R.T. -0.000 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

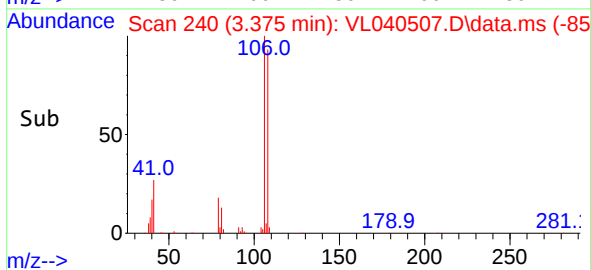
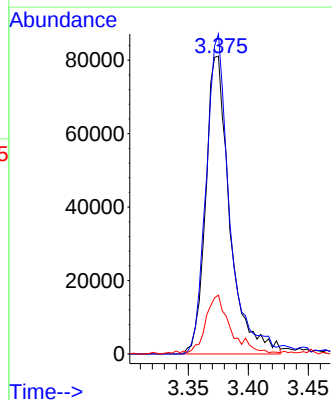
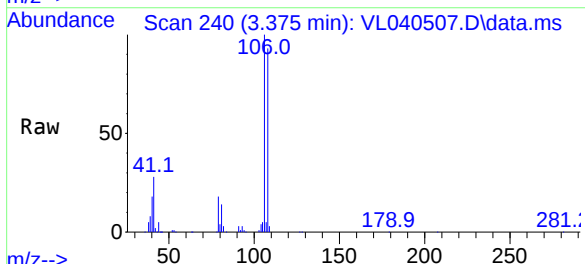
Tgt Ion: 108 Resp: 113537

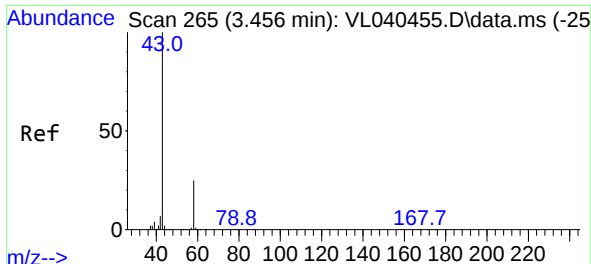
Ion Ratio Lower Upper

108 100

106 108.2 87.2 130.8

79 21.7 15.3 22.9

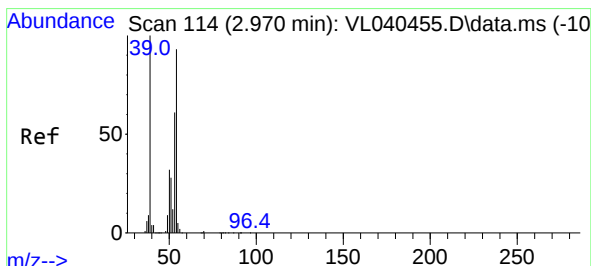
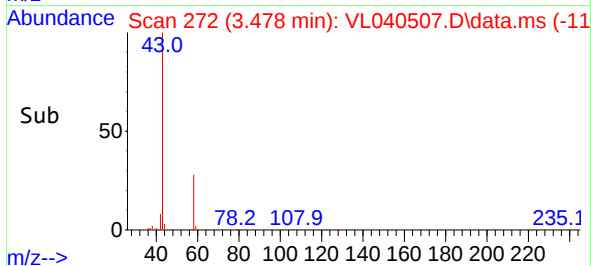
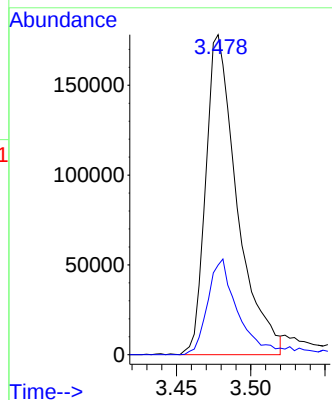
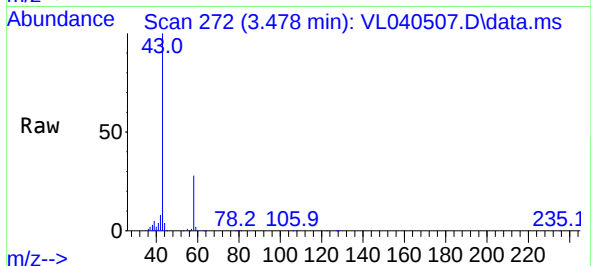




#15
Acetone
Concen: 2.001 ppbv
RT: 3.478 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

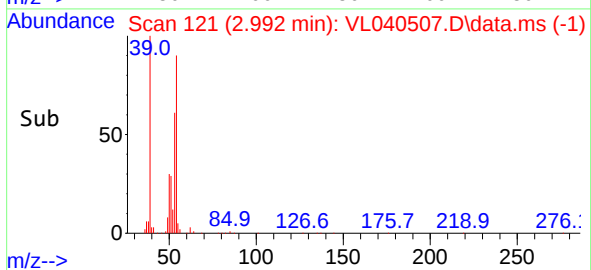
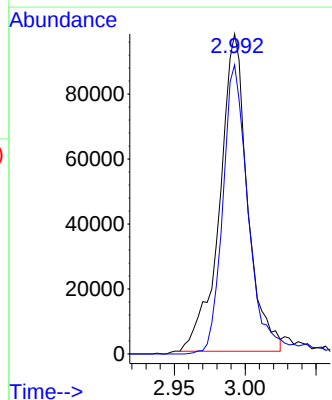
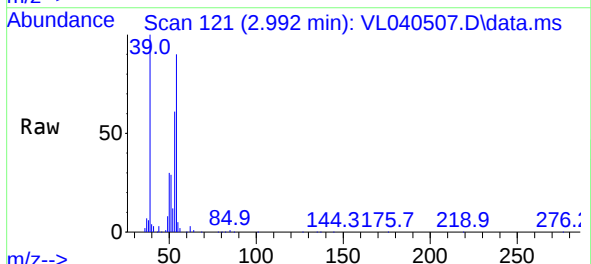
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

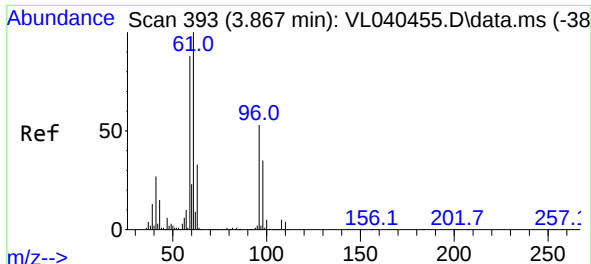
Tgt Ion: 43 Resp: 261910
Ion Ratio Lower Upper
43 100
58 30.6 22.9 34.3



#16
1,3-Butadiene
Concen: 2.028 ppbv
RT: 2.992 min Scan# 121
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 39 Resp: 133904
Ion Ratio Lower Upper
39 100
54 87.5 66.6 100.0

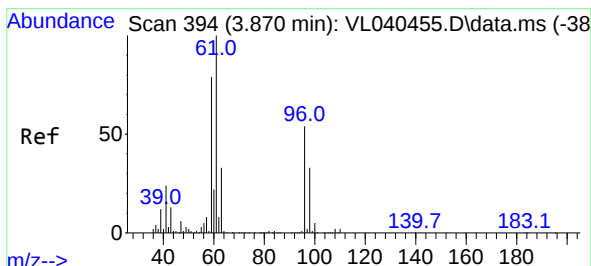
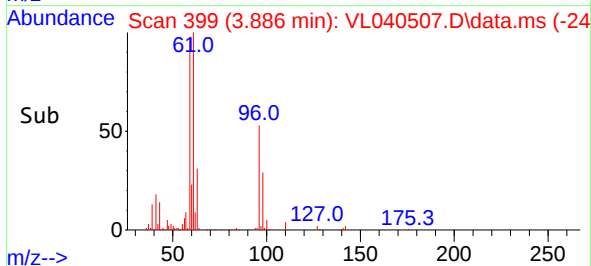
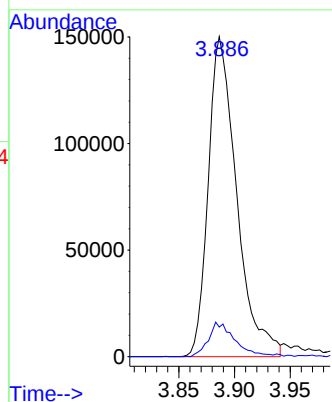
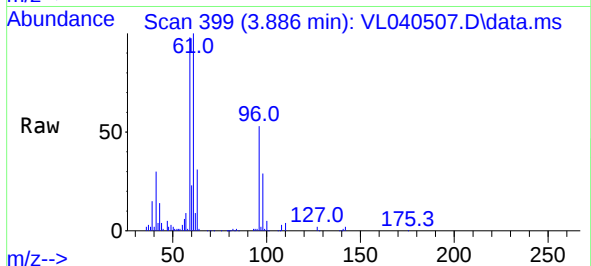




#17
tert-Butyl alcohol
Concen: 1.968 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

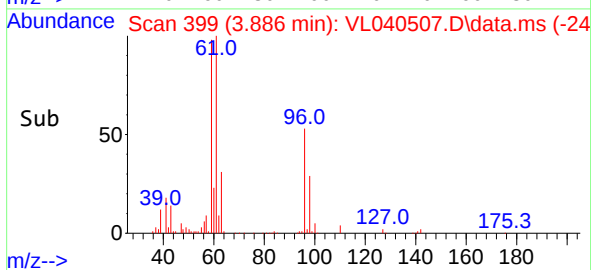
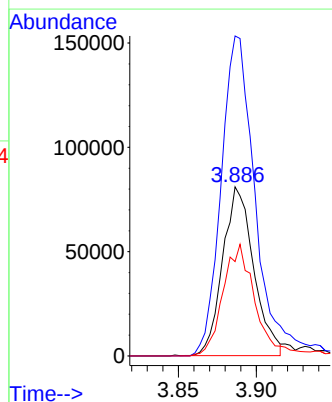
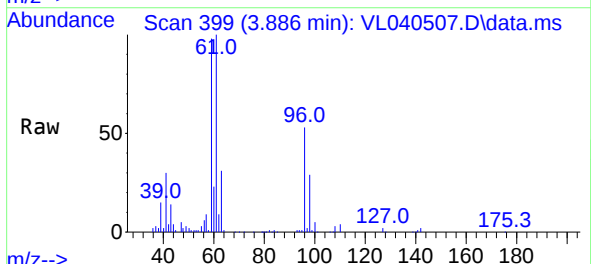
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

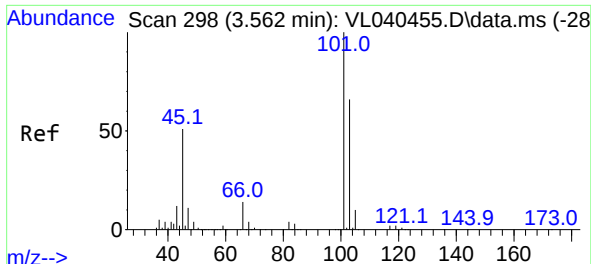
Tgt Ion: 59 Resp: 266419
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1



#18
1,1-Dichloroethene
Concen: 1.888 ppbv
RT: 3.886 min Scan# 399
Delta R.T. -0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 96 Resp: 112174
Ion Ratio Lower Upper
96 100
61 189.7 154.4 231.6
98 55.9 50.0 75.0





#19

Isopropyl Alcohol

Concen: 2.086 ppbv

RT: 3.584 min Scan# 305

Delta R.T. 0.003 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

Instrument :

MSVOA_L

ClientSampleId :

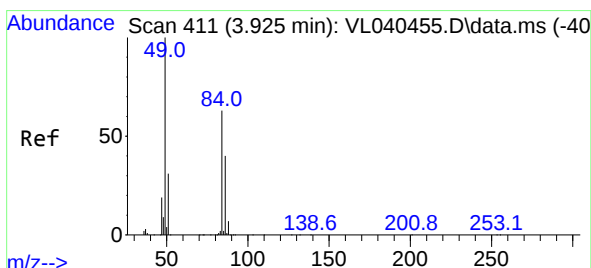
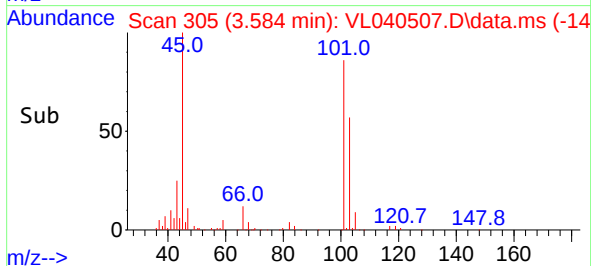
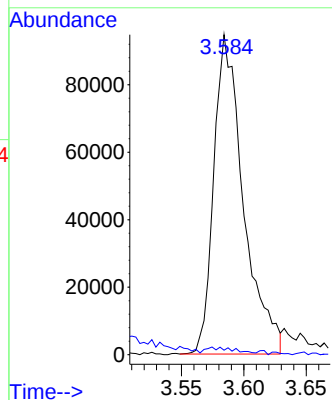
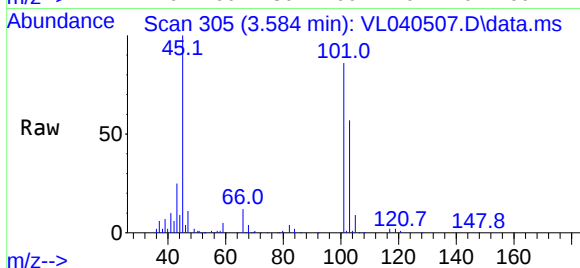
VSTDICC002

Tgt Ion: 45 Resp: 156712

Ion Ratio Lower Upper

45 100

58 2.8 1.1 1.7#



#20

Methylene Chloride

Concen: 2.038 ppbv

RT: 3.938 min Scan# 415

Delta R.T. -0.003 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

Tgt Ion: 84 Resp: 113467

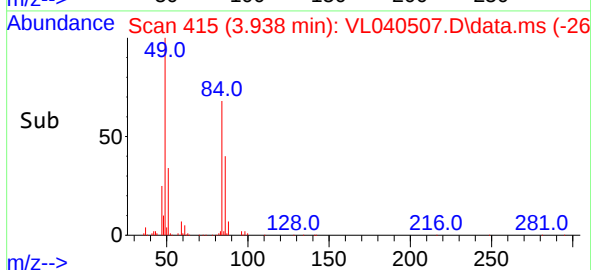
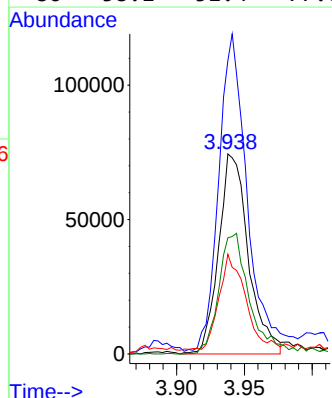
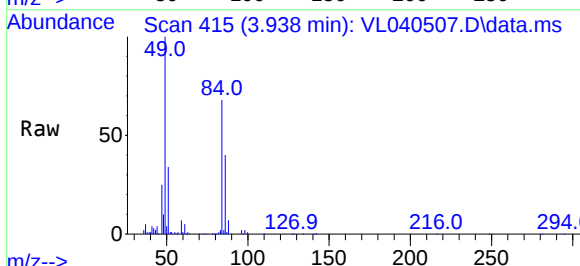
Ion Ratio Lower Upper

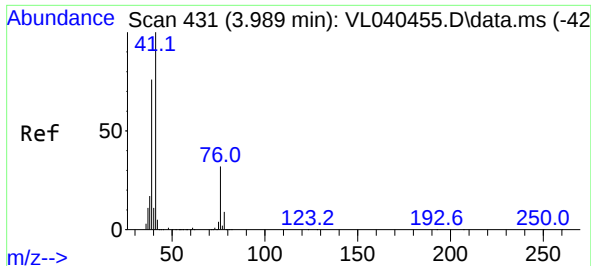
84 100

49 143.6 123.4 185.2

51 48.1 38.3 57.5

86 58.1 51.4 77.0





#21

Allyl Chloride

Concen: 1.991 ppbv

RT: 4.002 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

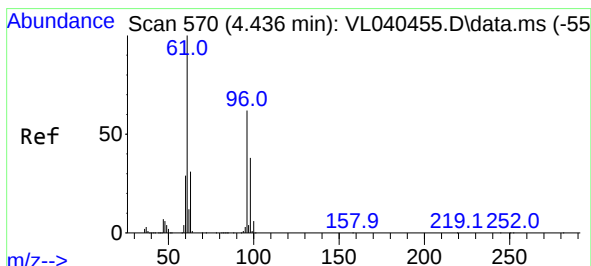
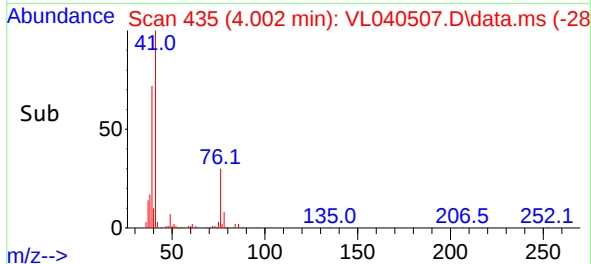
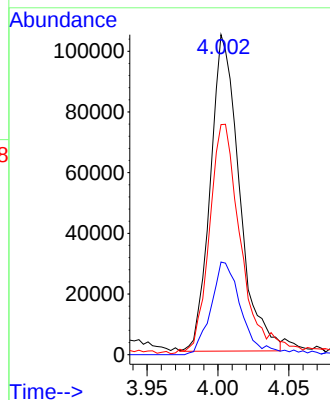
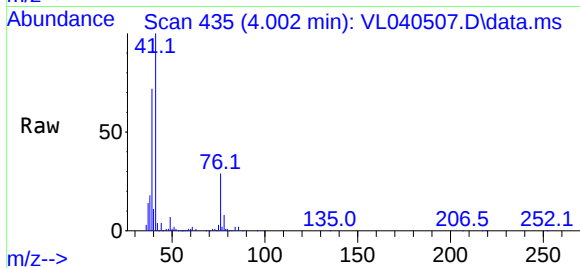
Tgt Ion: 41 Resp: 148782

Ion Ratio Lower Upper

41 100

76 31.2 24.8 37.2

39 81.7 60.6 91.0



#22

trans-1,2-Dichloroethene

Concen: 1.978 ppbv

RT: 4.452 min Scan# 575

Delta R.T. -0.000 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

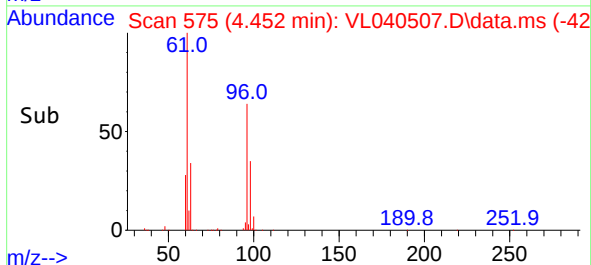
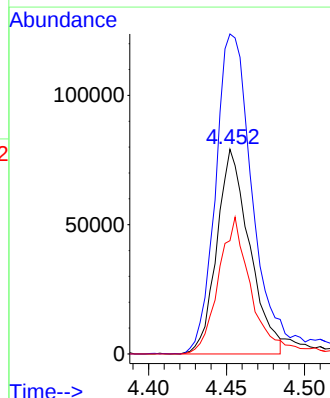
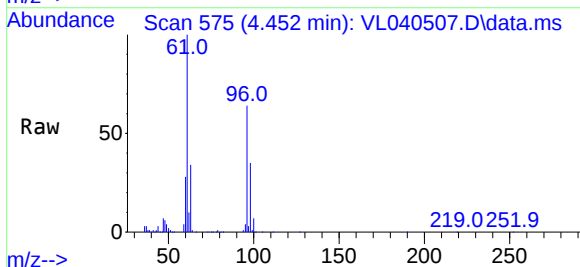
Tgt Ion: 96 Resp: 115952

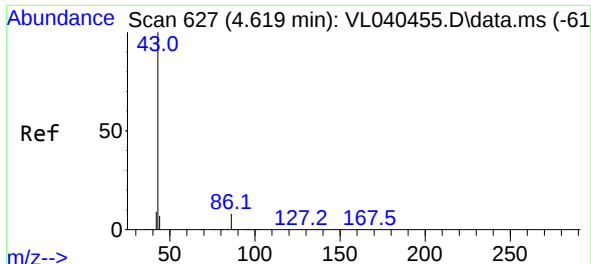
Ion Ratio Lower Upper

96 100

61 156.3 137.7 206.5

98 55.4 52.9 79.3



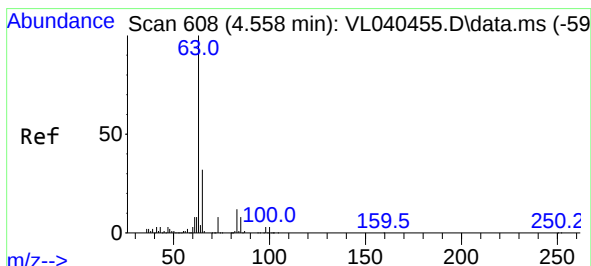
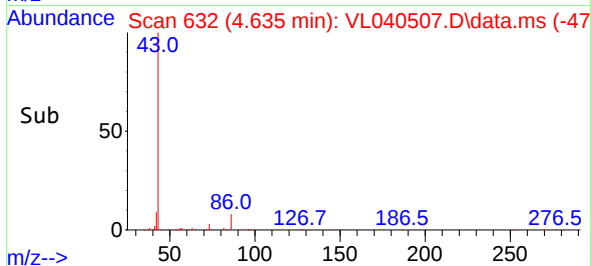
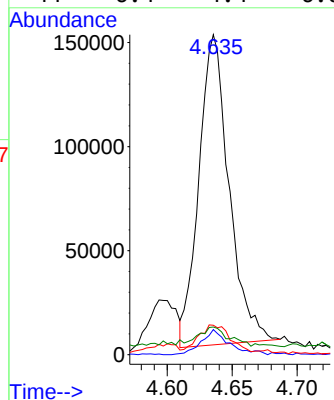
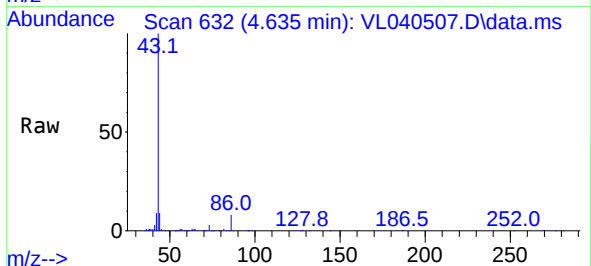


#23
 Vinyl Acetate
 Concen: 1.932 ppbv
 RT: 4.635 min Scan# 611
 Delta R.T. -0.000 min
 Lab File: VL040507.D
 Acq: 10 Jul 2023 12:28

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC002

Tgt Ion: 43 Resp: 240836

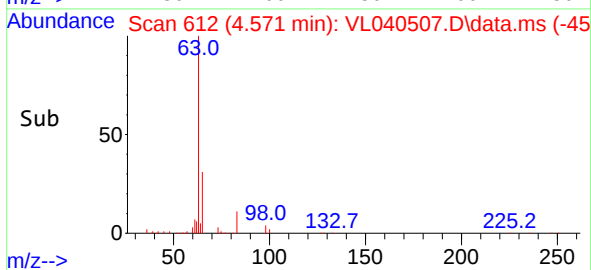
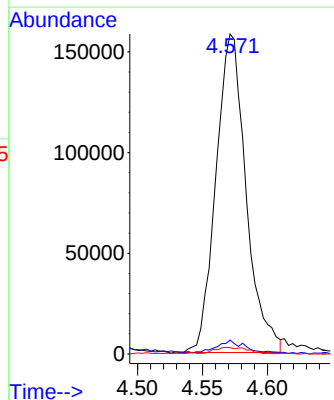
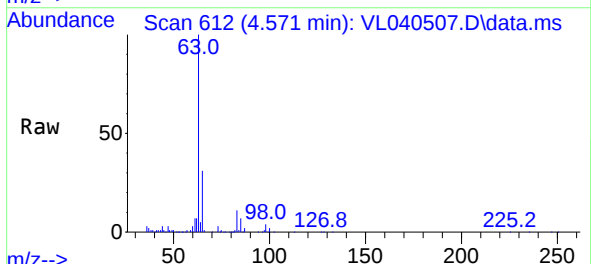
Ion	Ratio	Lower	Upper
43	100		
86	7.9	5.6	8.4
42	8.8	7.4	11.2
44	6.4	4.4	6.6

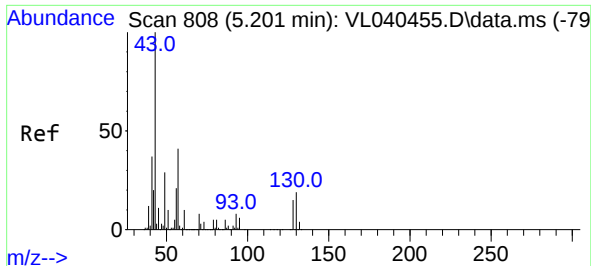


#24
 1,1-Dichloroethane
 Concen: 2.014 ppbv
 RT: 4.571 min Scan# 612
 Delta R.T. -0.000 min
 Lab File: VL040507.D
 Acq: 10 Jul 2023 12:28

Tgt Ion: 63 Resp: 254851

Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.8	5.5
100	1.8	1.4	4.0





#25

Ethyl Acetate

Concen: 2.116 ppbv

RT: 5.217 min Scan# 813

Delta R.T. 0.006 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 43 Resp: 527222

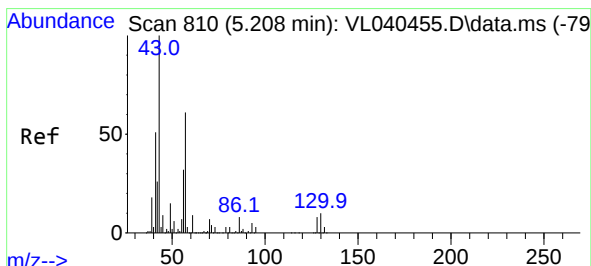
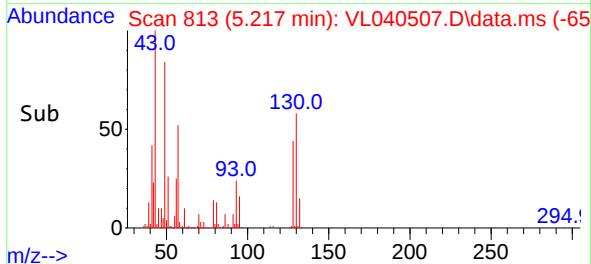
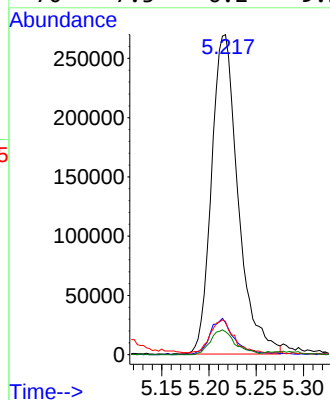
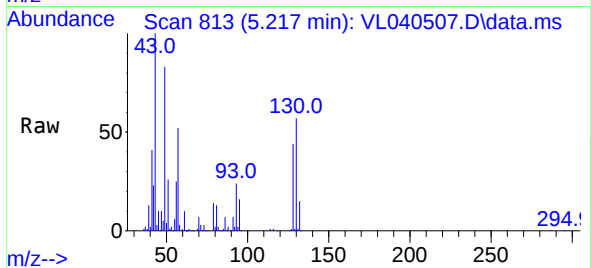
Ion Ratio Lower Upper

43 100

45 10.7 8.2 12.4

61 9.5 8.3 12.5

70 7.3 6.2 9.2



#26

Hexane

Concen: 2.161 ppbv

RT: 5.221 min Scan# 814

Delta R.T. -0.000 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

Tgt Ion: 57 Resp: 250116

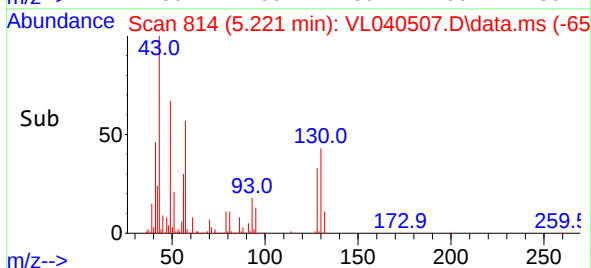
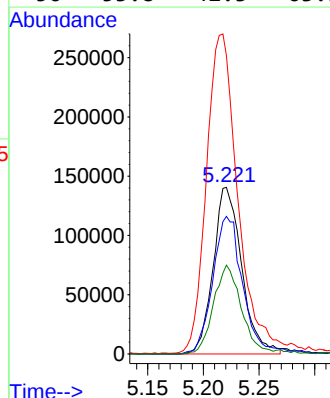
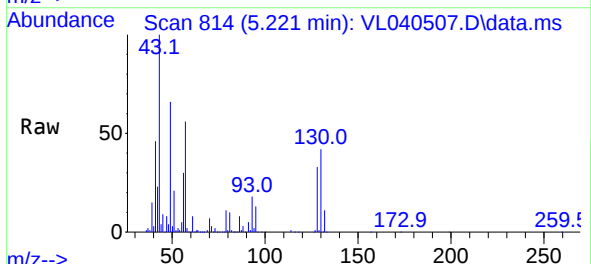
Ion Ratio Lower Upper

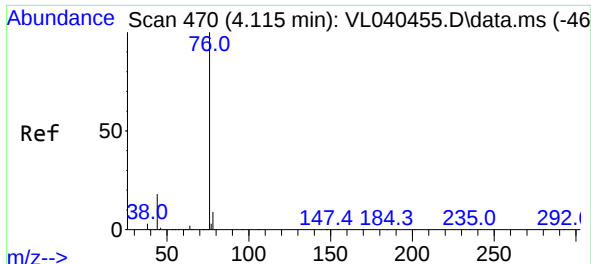
57 100

41 88.1 69.5 104.3

43 218.1 177.1 265.7

56 53.8 42.3 63.5

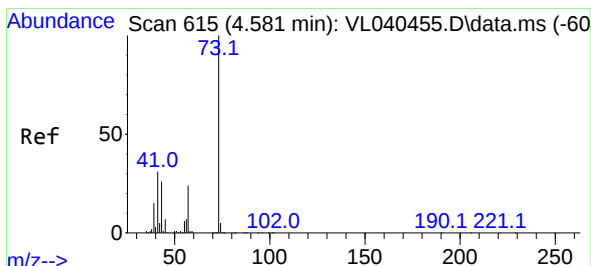
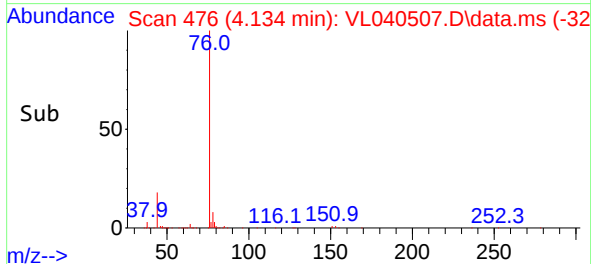
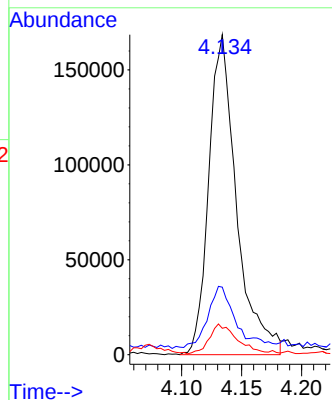
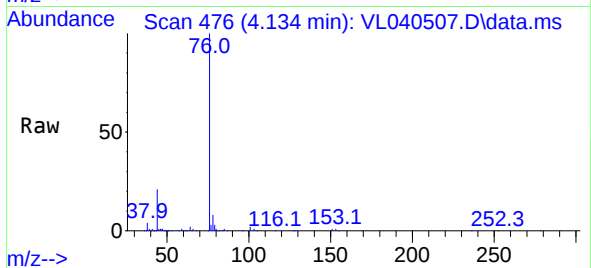




#27
Carbon Disulfide
Concen: 1.994 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

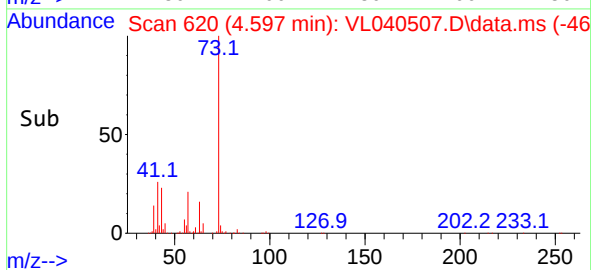
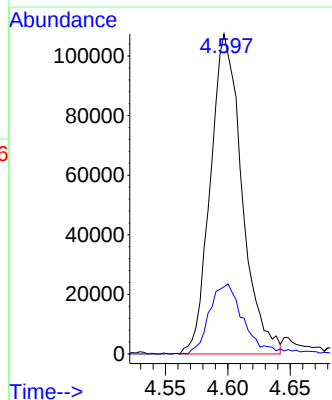
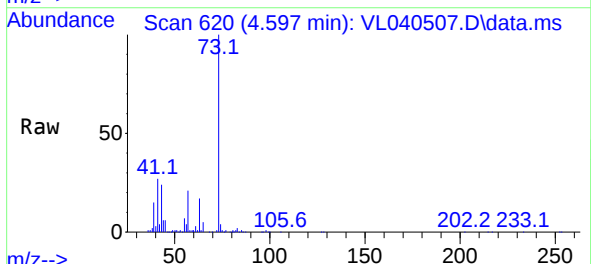
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC002

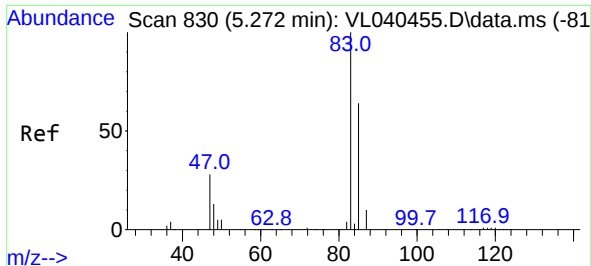
Tgt Ion: 76 Resp: 271444
Ion Ratio Lower Upper
76 100
44 20.6 15.1 22.7
78 10.3 7.5 11.3



#28
Methyl tert-Butyl Ether
Concen: 2.030 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 73 Resp: 189195
Ion Ratio Lower Upper
73 100
57 24.6 18.8 28.2

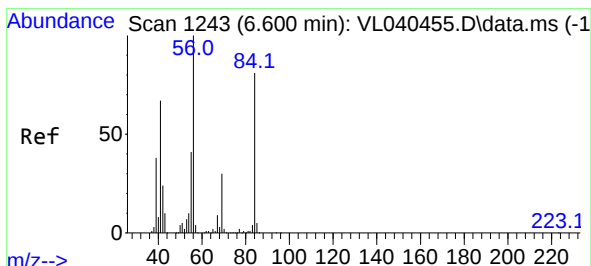
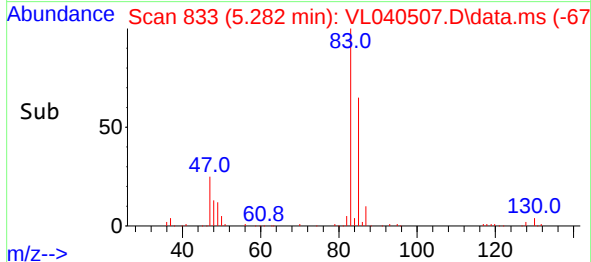
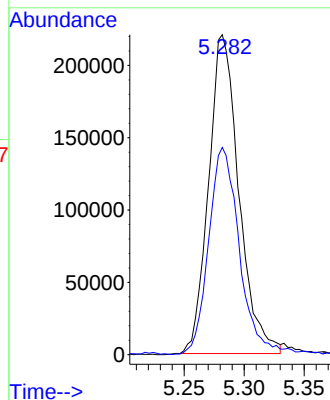
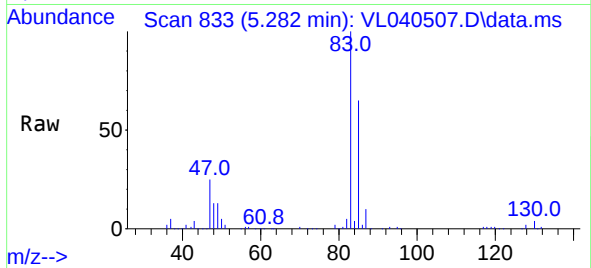




#29
Chloroform
Concen: 2.014 ppbv
RT: 5.282 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

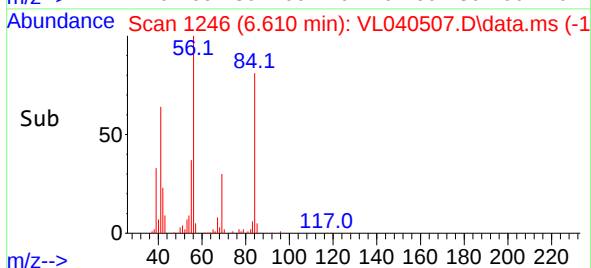
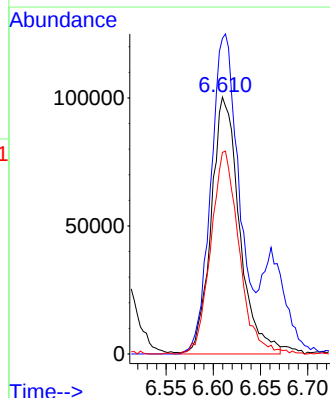
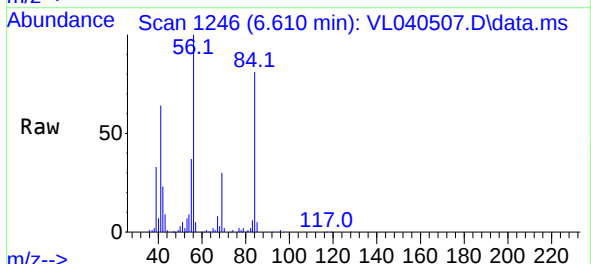
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

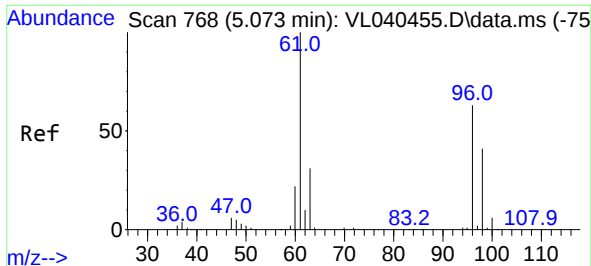
Tgt Ion: 83 Resp: 386711
Ion Ratio Lower Upper
83 100
85 64.8 51.1 76.7



#30
Cyclohexane
Concen: 2.165 ppbv
RT: 6.610 min Scan# 1246
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 84 Resp: 208520
Ion Ratio Lower Upper
84 100
56 125.9 108.7 163.1
41 79.3 64.5 96.7

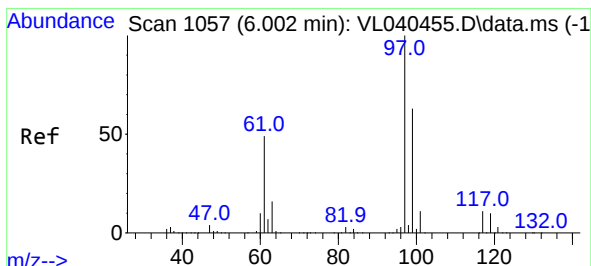
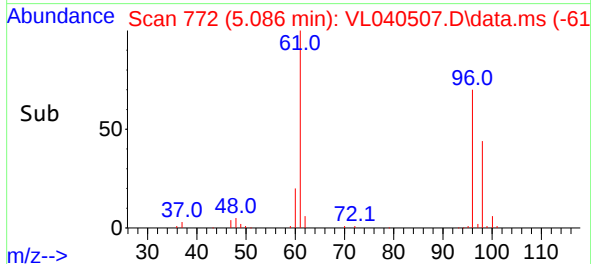
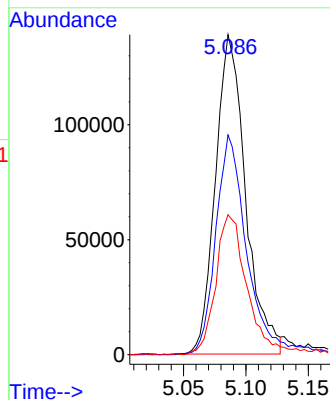
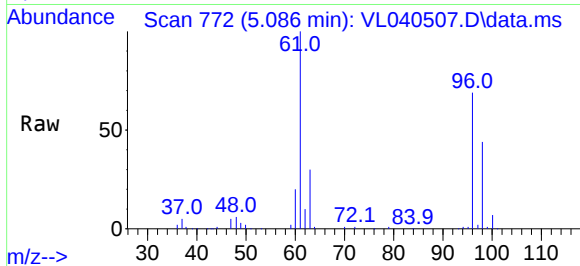




#31
 cis-1,2-Dichloroethene
 Concen: 2.043 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL040507.D
 Acq: 10 Jul 2023 12:28

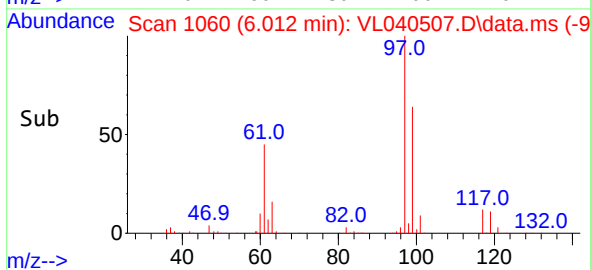
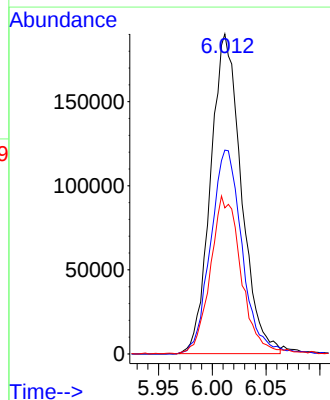
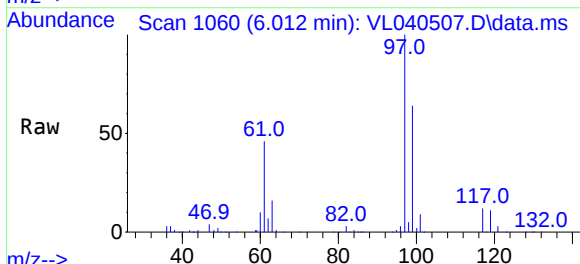
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC002

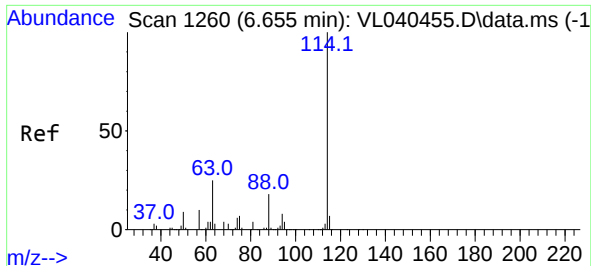
Tgt Ion: 61 Resp: 233756
 Ion Ratio Lower Upper
 61 100
 96 68.4 54.7 82.1
 98 43.7 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 2.006 ppbv
 RT: 6.012 min Scan# 1060
 Delta R.T. -0.000 min
 Lab File: VL040507.D
 Acq: 10 Jul 2023 12:28

Tgt Ion: 97 Resp: 376855
 Ion Ratio Lower Upper
 97 100
 99 66.1 52.0 78.0
 61 49.8 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: VL040507.D

Acq: 10 Jul 2023 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

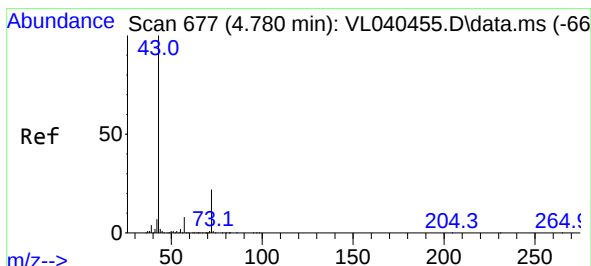
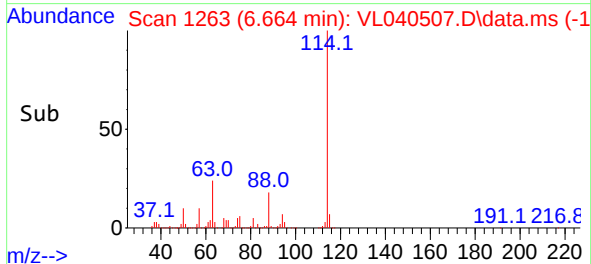
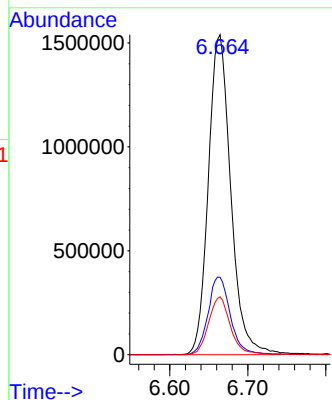
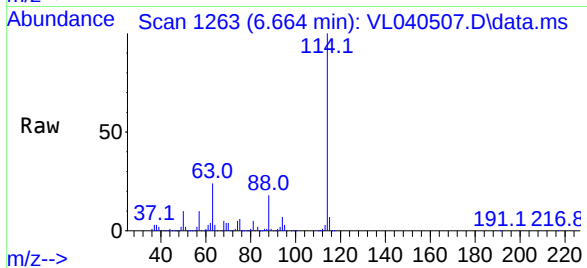
Tgt Ion:114 Resp: 3080559

Ion Ratio Lower Upper

114 100

63 24.4 19.6 29.4

88 17.6 14.2 21.2



#34

2-Butanone

Concen: 2.129 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.003 min

Lab File: VL040507.D

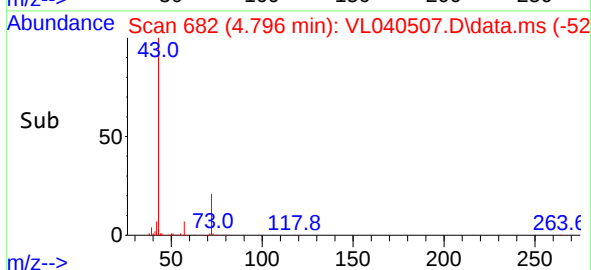
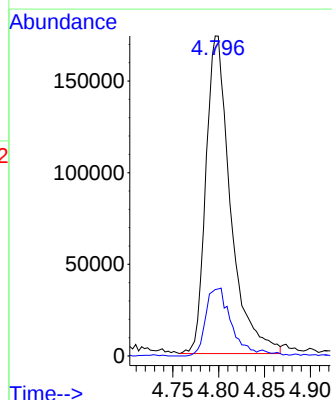
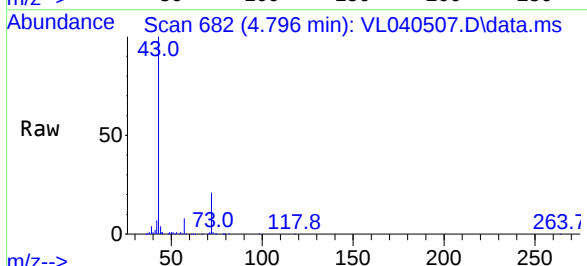
Acq: 10 Jul 2023 12:28

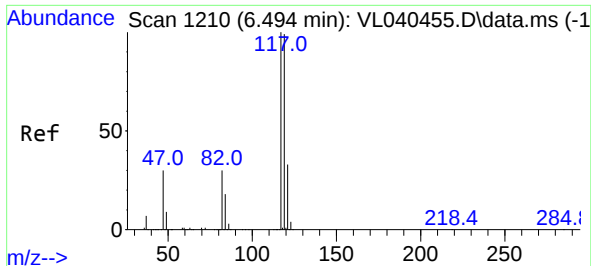
Tgt Ion: 43 Resp: 324041

Ion Ratio Lower Upper

43 100

72 23.4 19.1 28.7

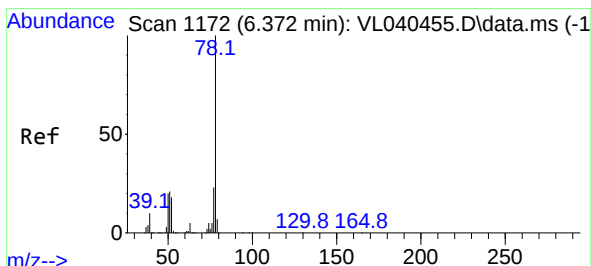
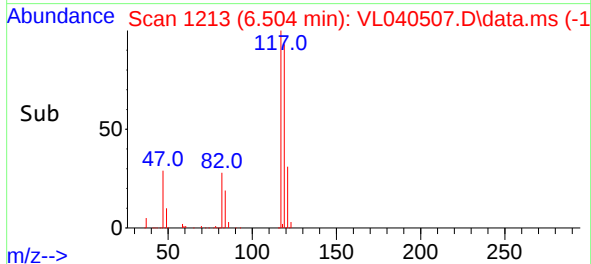
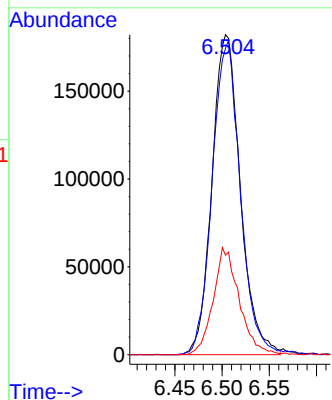
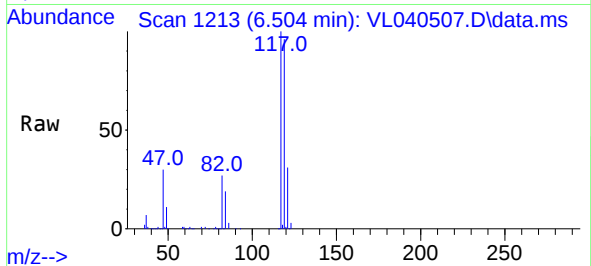




#35
Carbon Tetrachloride
Concen: 2.045 ppbv
RT: 6.504 min Scan# 1174
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

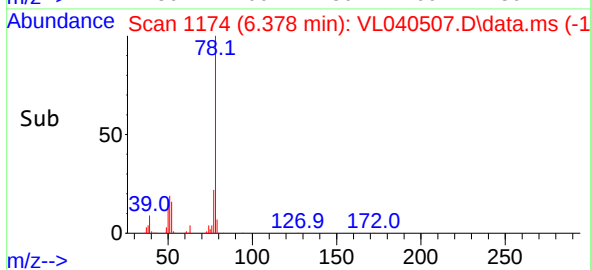
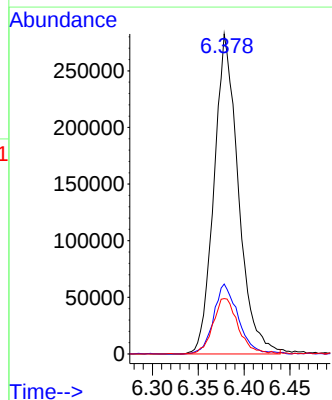
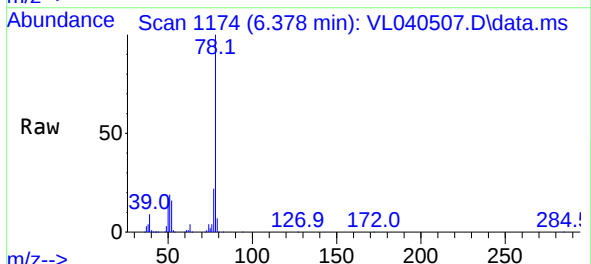
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

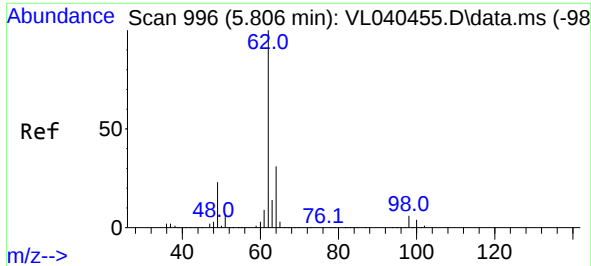
Tgt Ion:117 Resp: 379135
Ion Ratio Lower Upper
117 100
119 95.4 77.8 116.6
121 31.1 24.8 37.2



#36
Benzene
Concen: 2.106 ppbv
RT: 6.378 min Scan# 1174
Delta R.T. -0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 78 Resp: 522059
Ion Ratio Lower Upper
78 100
77 21.8 17.4 26.0
50 17.3 14.4 21.6

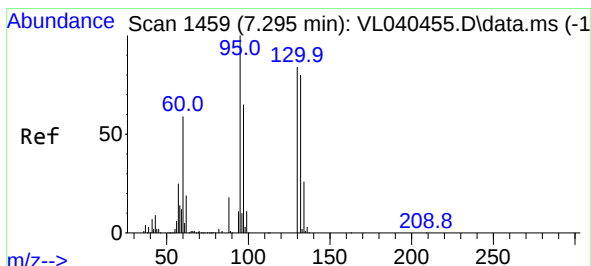
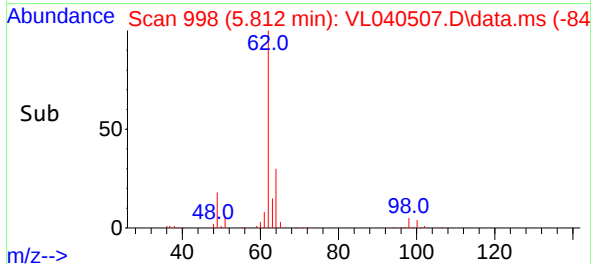
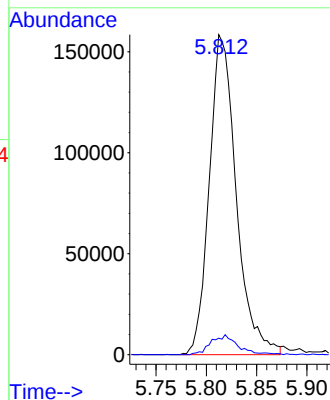
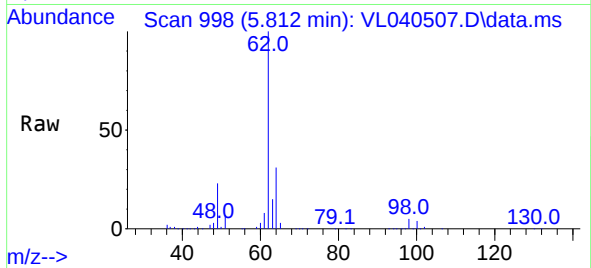




#37
1,2-Dichloroethane
Concen: 2.024 ppbv
RT: 5.812 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

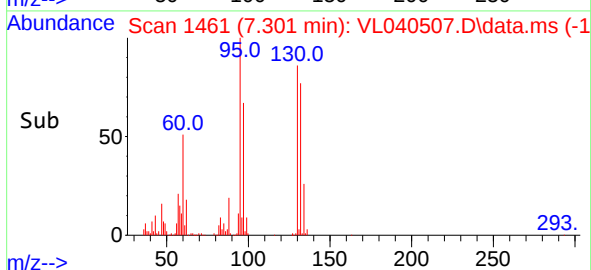
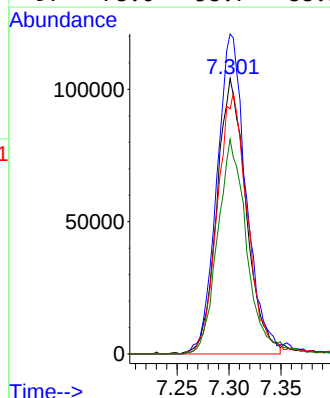
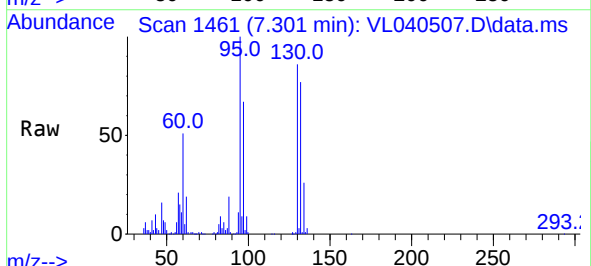
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

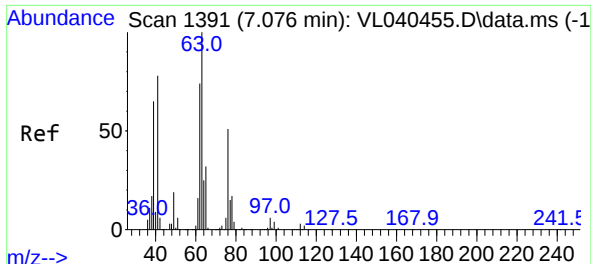
Tgt Ion: 62 Resp: 295090
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7



#38
Trichloroethene
Concen: 2.176 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. -0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion:130 Resp: 203969
Ion Ratio Lower Upper
130 100
95 116.2 90.2 135.2
132 88.8 76.3 114.5
97 78.0 58.7 88.1

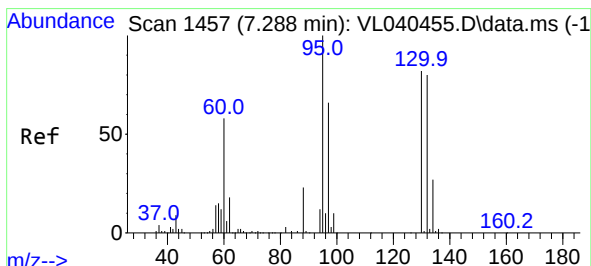
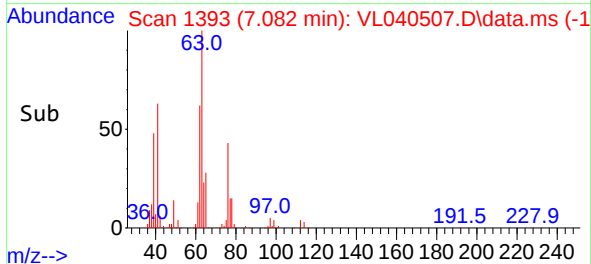
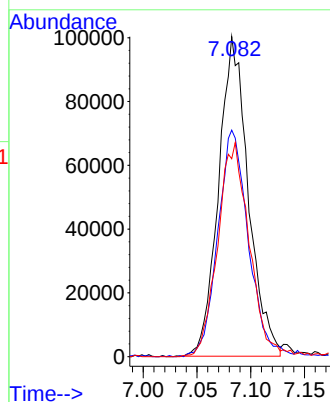
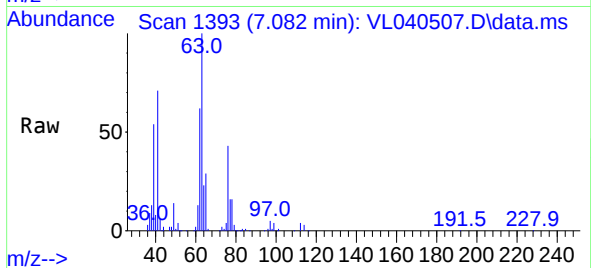




#39
1,2-Dichloropropane
Concen: 2.019 ppbv
RT: 7.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

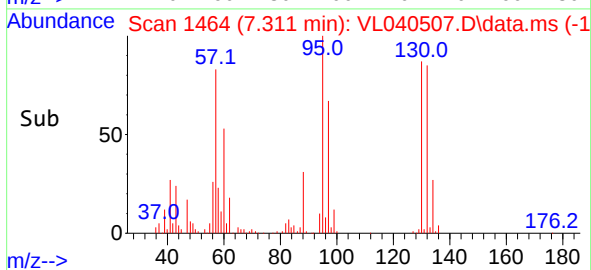
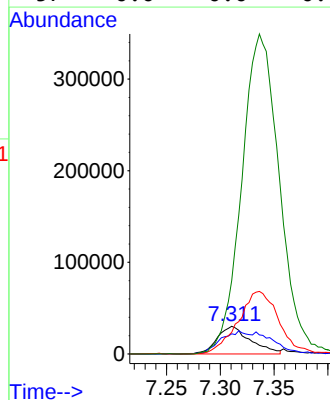
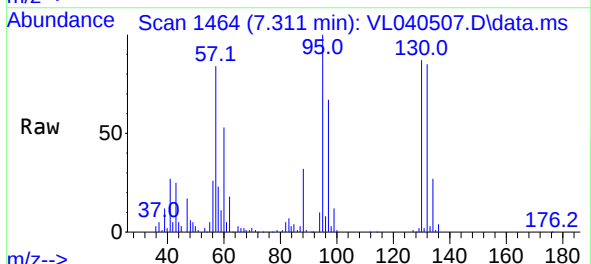
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

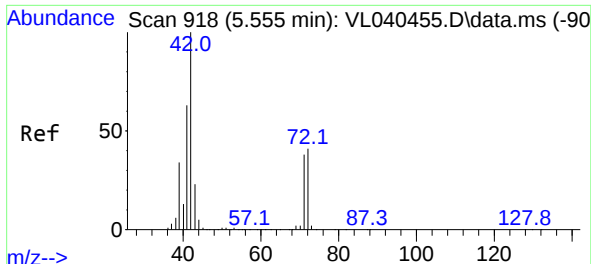
Tgt Ion: 63 Resp: 192692
Ion Ratio Lower Upper
63 100
41 70.6 54.3 81.5
62 61.9 55.6 83.4



#40
1,4-Dioxane
Concen: 2.179 ppbv
RT: 7.311 min Scan# 1464
Delta R.T. 0.013 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 88 Resp: 65045
Ion Ratio Lower Upper
88 100
58 127.6 58.6 88.0#
43 0.0 0.0 0.0
57 0.0 0.0 0.0

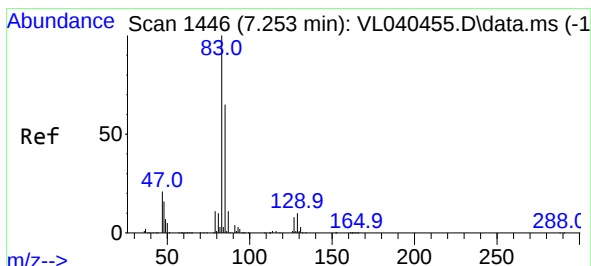
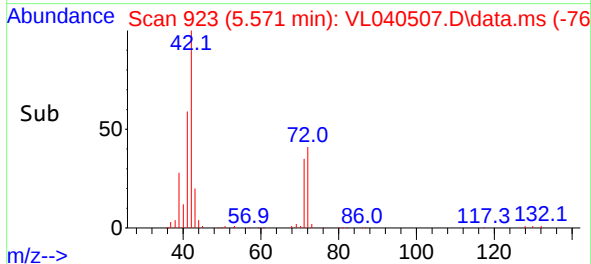
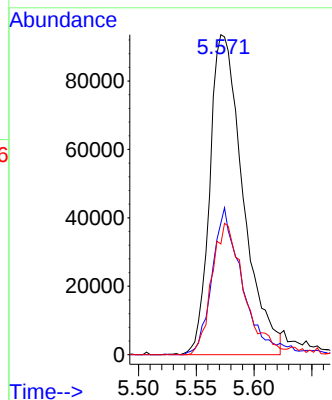
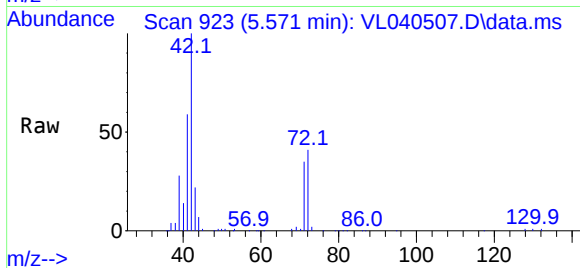




#41
Tetrahydrofuran
Concen: 2.105 ppbv
RT: 5.571 min Scan# 918
Delta R.T. 0.006 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

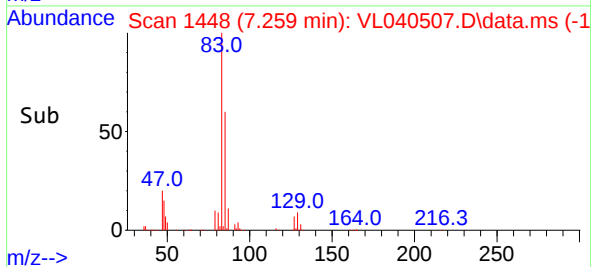
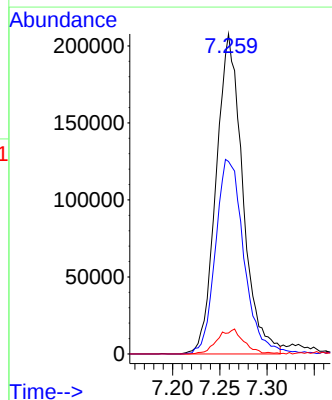
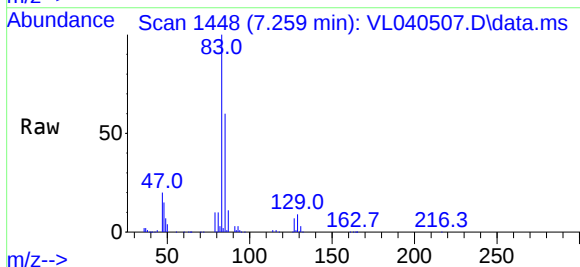
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

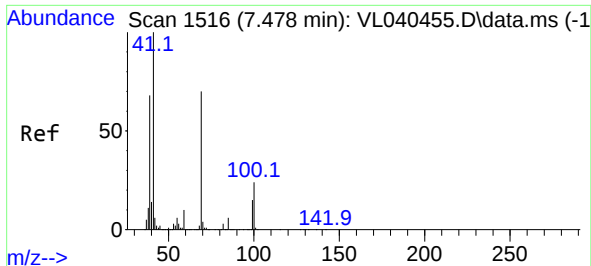
Tgt Ion: 42 Resp: 186965
Ion Ratio Lower Upper
42 100
72 43.1 33.8 50.8
71 41.2 33.0 49.6



#42
Bromodichloromethane
Concen: 2.003 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 83 Resp: 406227
Ion Ratio Lower Upper
83 100
85 60.1 51.1 76.7
127 6.6 6.5 9.7

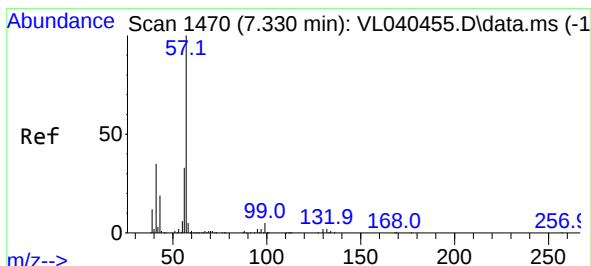
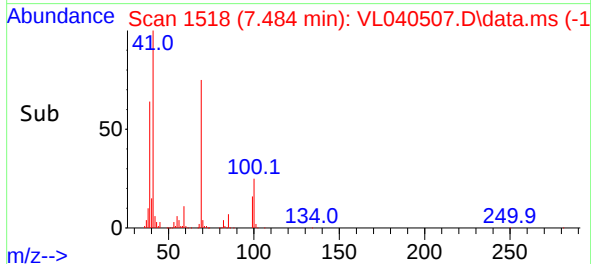
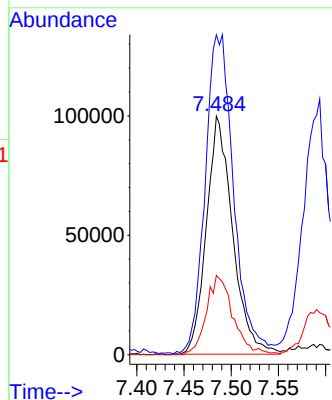
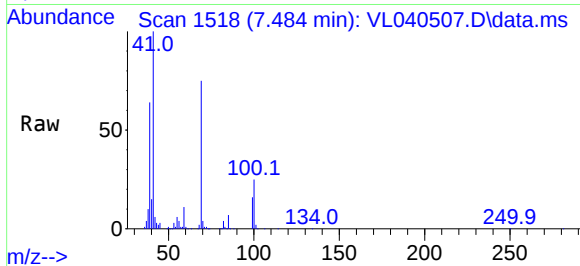




#43
Methyl Methacrylate
Concen: 2.076 ppbv
RT: 7.484 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

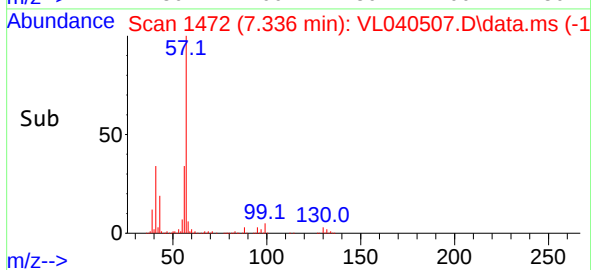
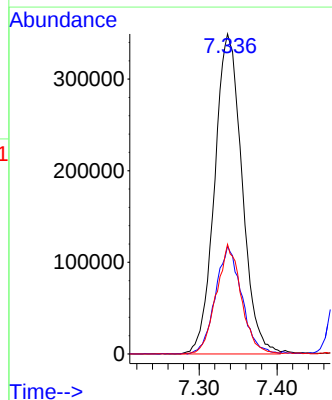
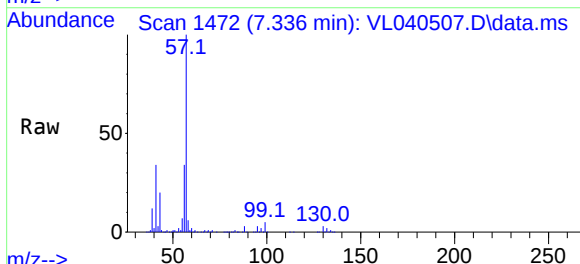
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

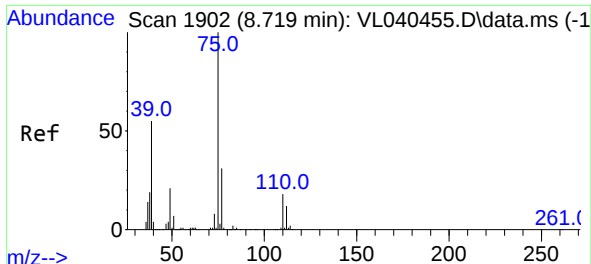
Tgt Ion: 69 Resp: 192595
Ion Ratio Lower Upper
69 100
41 145.4 111.7 167.5
100 33.9 26.9 40.3



#44
2,2,4-Trimethylpentane
Concen: 2.138 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 57 Resp: 852680
Ion Ratio Lower Upper
57 100
41 32.5 25.5 38.3
56 31.4 25.1 37.7





#45

t-1,3-Dichloropropene

Concen: 1.897 ppbv

RT: 8.722 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

Instrument :

MSVOA_L

ClientSampleId :

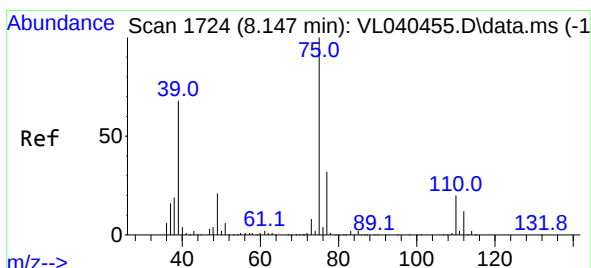
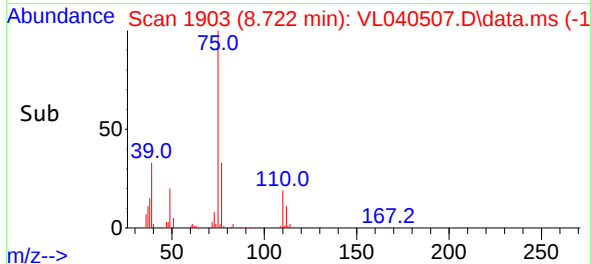
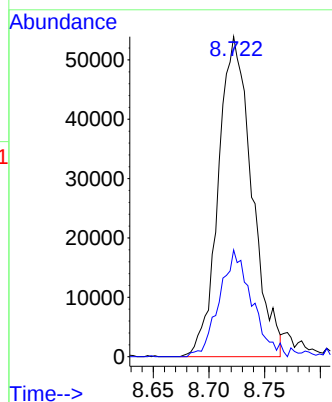
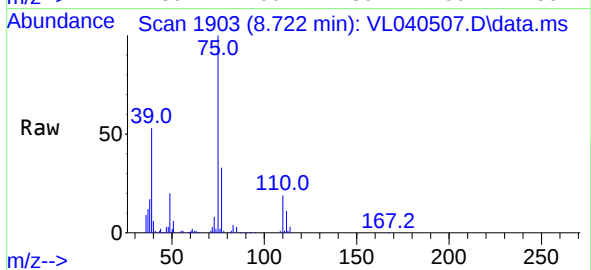
VSTDICC002

Tgt Ion: 75 Resp: 112872

Ion Ratio Lower Upper

75 100

77 33.4 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 2.081 ppbv

RT: 8.156 min Scan# 1727

Delta R.T. 0.003 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

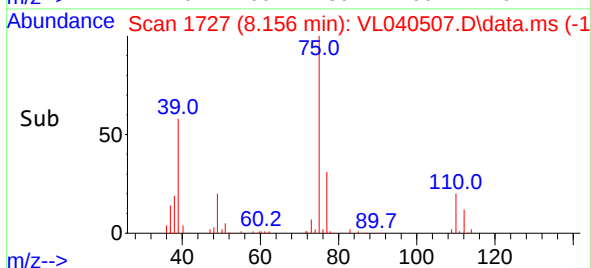
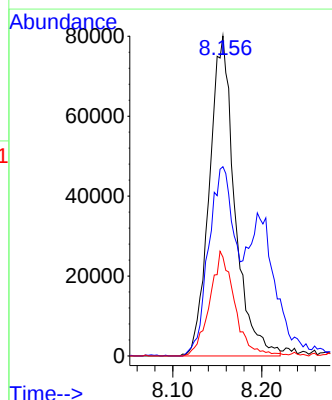
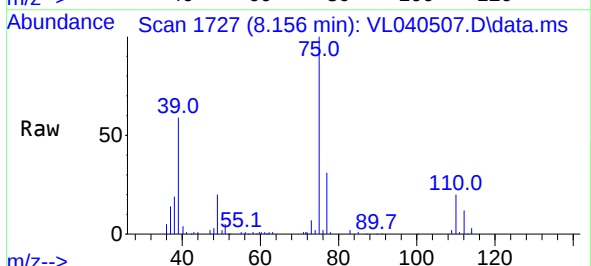
Tgt Ion: 75 Resp: 158920

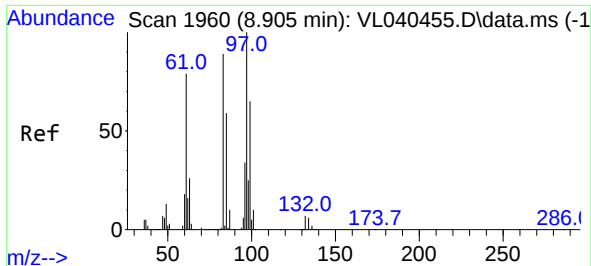
Ion Ratio Lower Upper

75 100

39 59.1 48.0 72.0

77 30.9 24.0 36.0





#47

1,1,2-Trichloroethane

Concen: 2.062 ppbv

RT: 8.909 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC002

Tgt Ion: 97 Resp: 217111

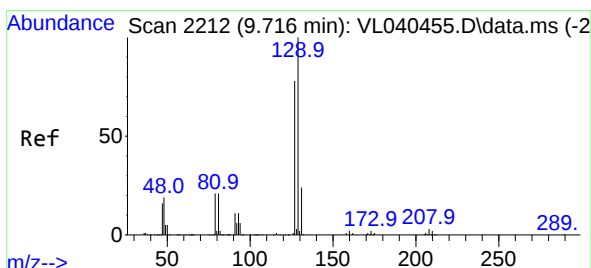
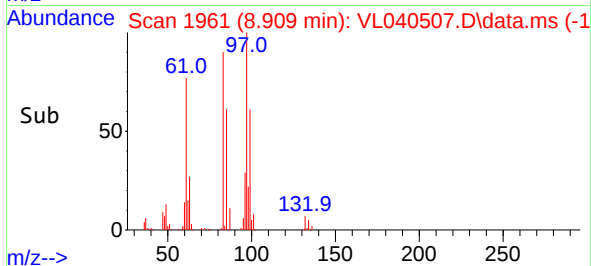
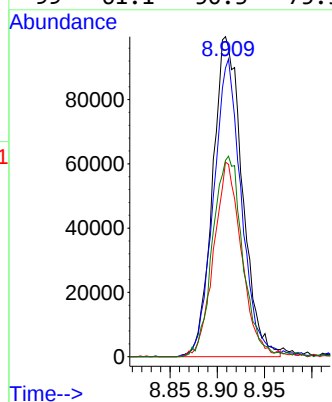
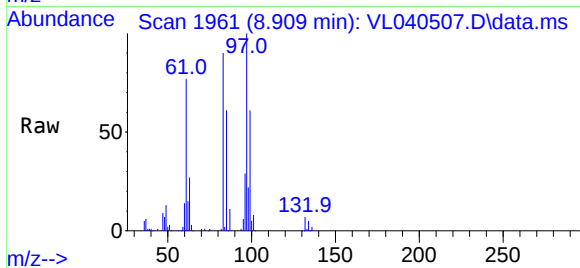
Ion Ratio Lower Upper

97 100

83 89.9 73.4 110.0

85 60.8 46.6 70.0

99 61.1 50.3 75.5



#48

Dibromochloromethane

Concen: 2.002 ppbv

RT: 9.722 min Scan# 2214

Delta R.T. -0.000 min

Lab File: VL040507.D

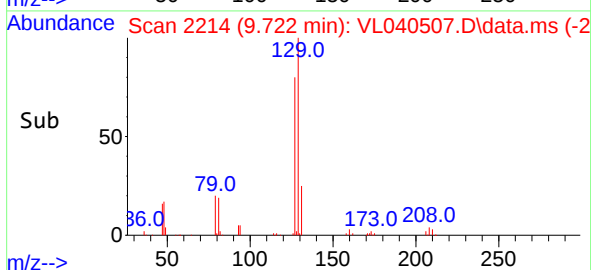
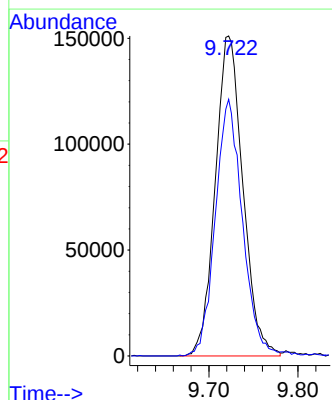
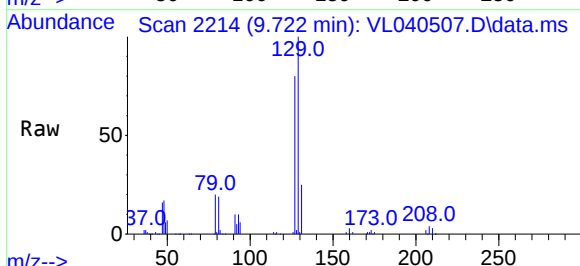
Acq: 10 Jul 2023 12:28

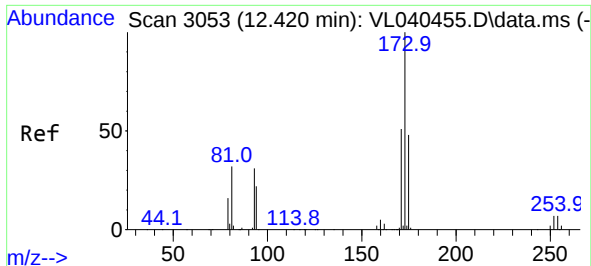
Tgt Ion: 129 Resp: 325840

Ion Ratio Lower Upper

129 100

127 79.2 39.1 117.3

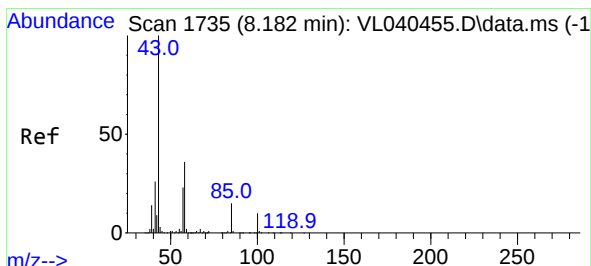
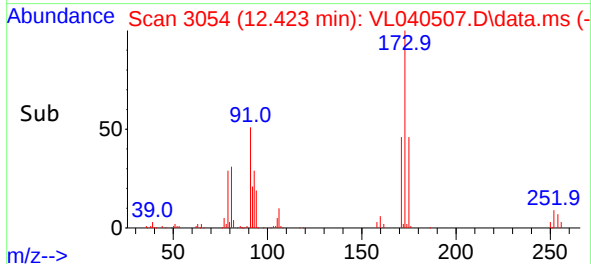
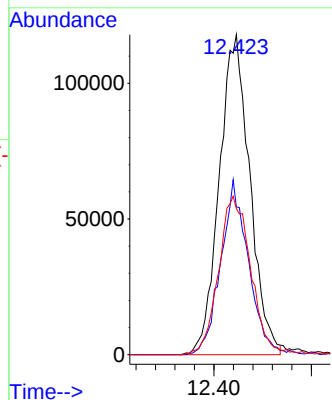
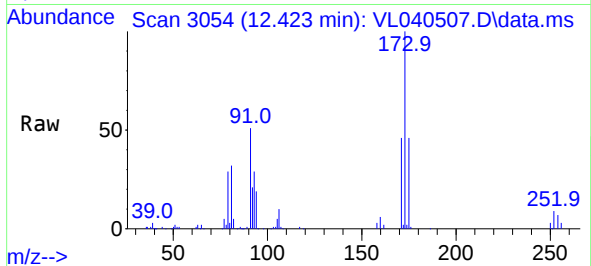




#49
Bromoform
Concen: 1.989 ppbv
RT: 12.423 min Scan# 3054
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

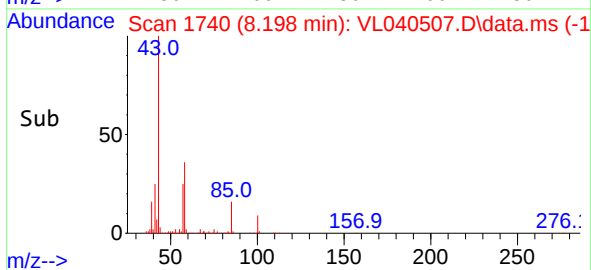
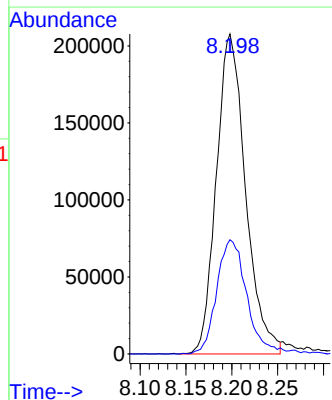
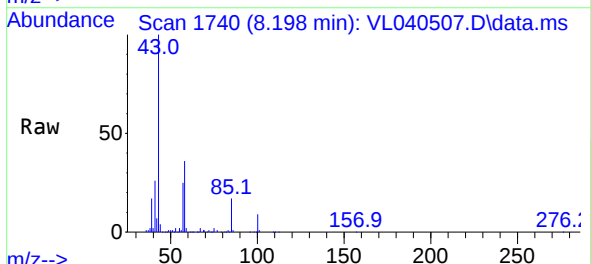
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

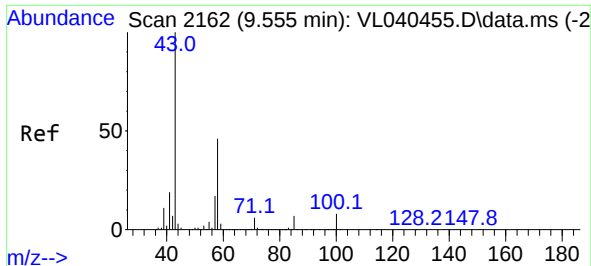
Tgt Ion:173 Resp: 256633
Ion Ratio Lower Upper
173 100
175 49.9 39.5 59.3
171 52.4 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 2.080 ppbv
RT: 8.198 min Scan# 1740
Delta R.T. 0.006 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 43 Resp: 460058
Ion Ratio Lower Upper
43 100
58 37.2 30.2 45.2

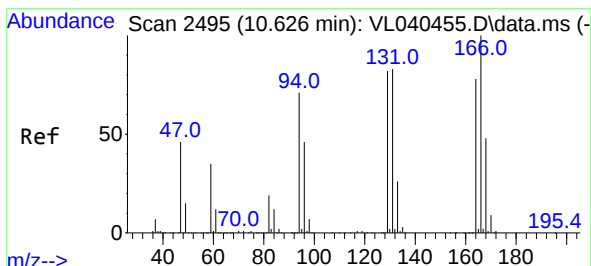
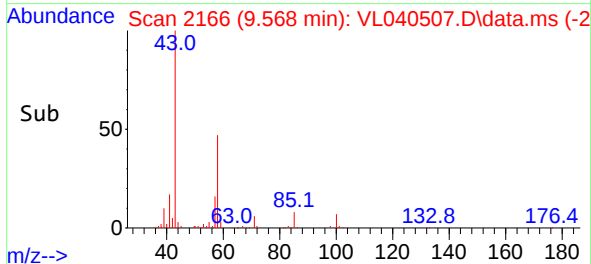
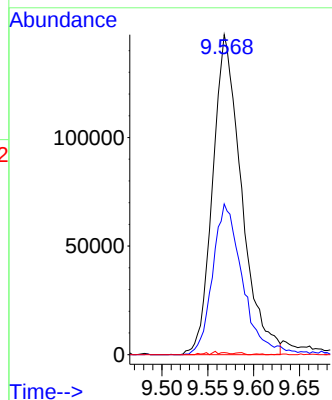
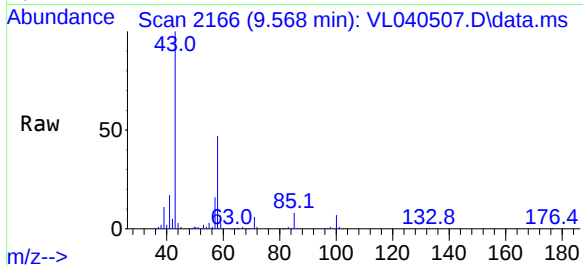




#51
2-Hexanone
Concen: 2.054 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.007 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

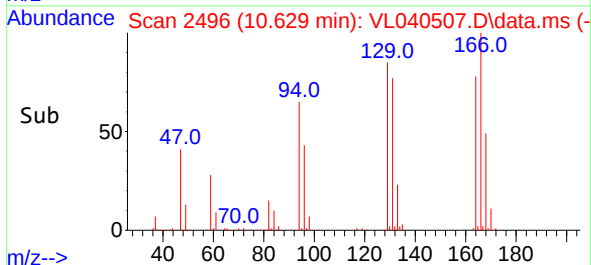
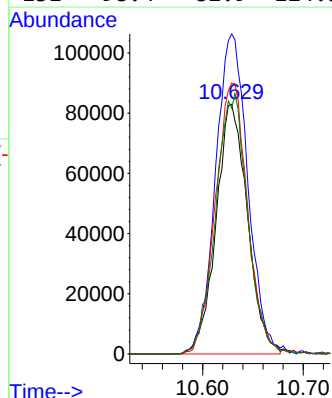
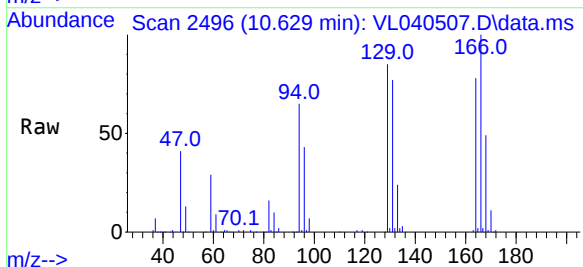
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

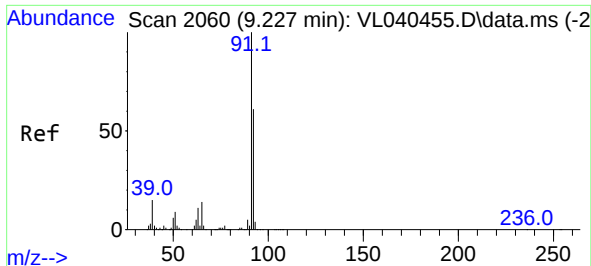
Tgt Ion: 43 Resp: 321216
Ion Ratio Lower Upper
43 100
58 49.9 39.7 59.5
98 0.8 0.3 0.5#



#52
Tetrachloroethene
Concen: 2.245 ppbv
RT: 10.629 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion:164 Resp: 180180
Ion Ratio Lower Upper
164 100
166 128.1 103.9 155.9
129 108.4 84.6 126.8
131 98.4 82.9 124.3

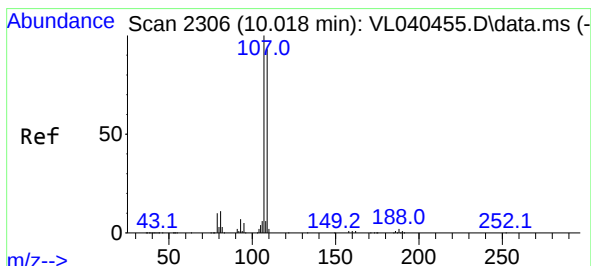
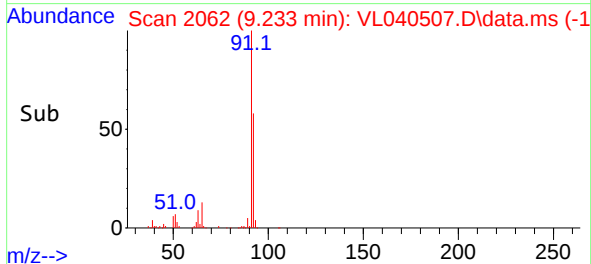
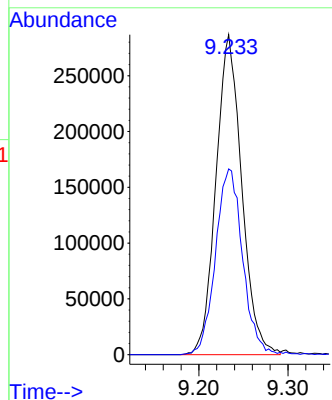
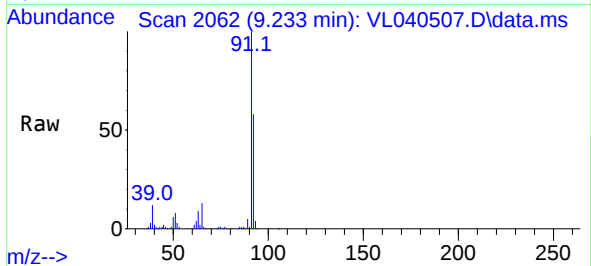




#53
Toluene
Concen: 2.139 ppbv
RT: 9.233 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

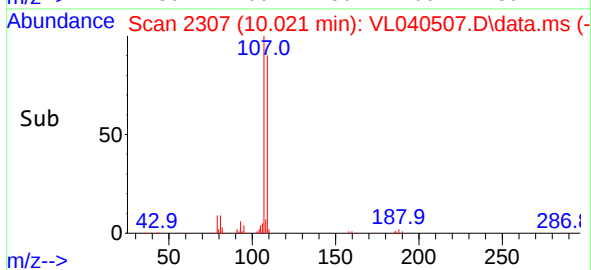
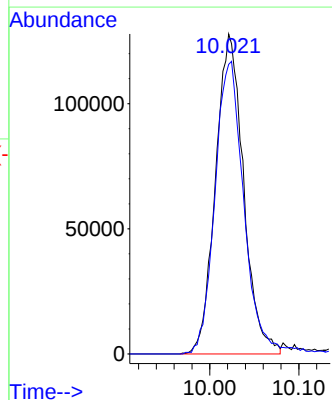
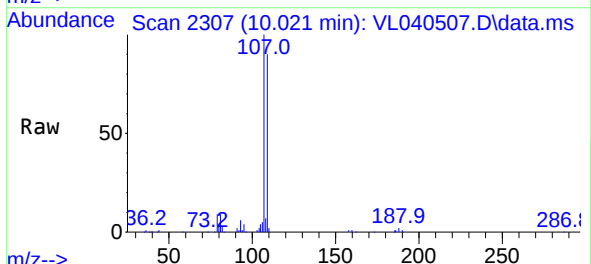
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

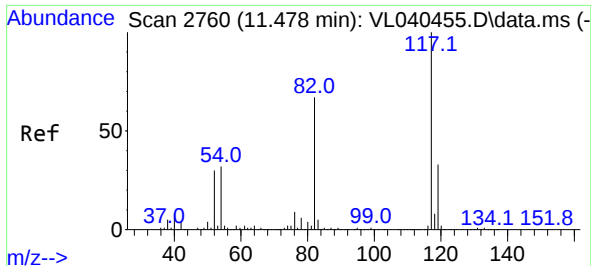
Tgt Ion: 91 Resp: 575864
Ion Ratio Lower Upper
91 100
92 61.3 49.1 73.7



#54
1,2-Dibromoethane
Concen: 2.132 ppbv
RT: 10.021 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 107 Resp: 279029
Ion Ratio Lower Upper
107 100
109 90.5 75.4 113.2

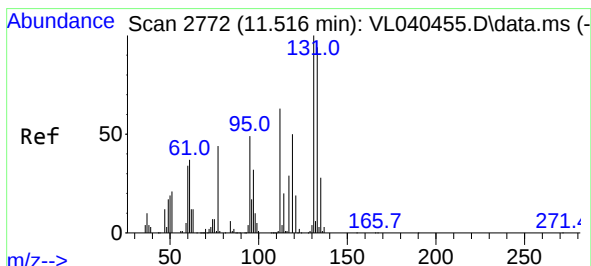
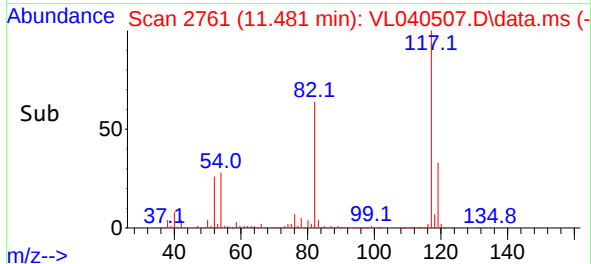
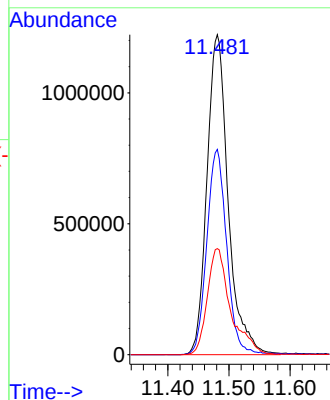
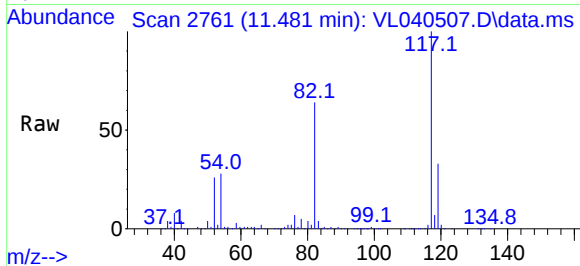




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

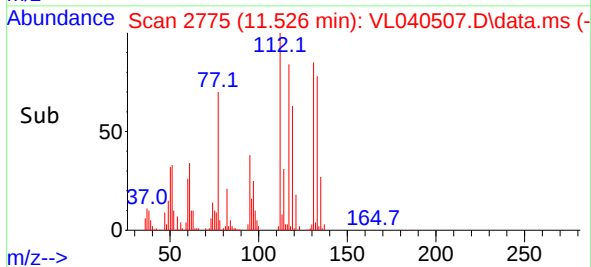
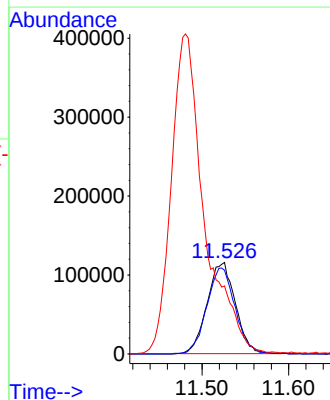
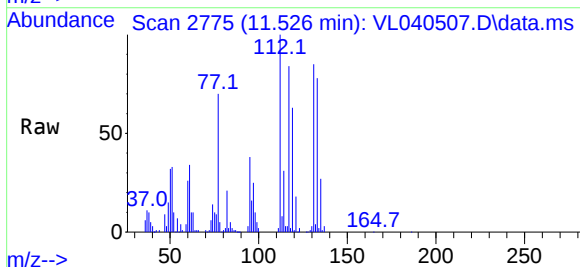
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

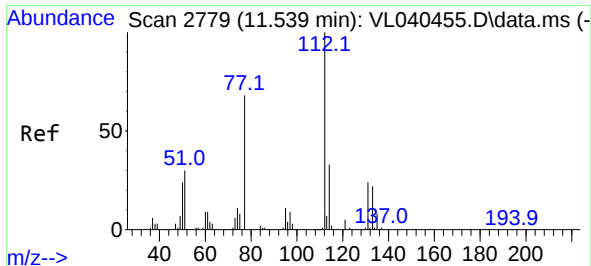
Tgt Ion:117 Resp: 2945686
Ion Ratio Lower Upper
117 100
82 60.6 50.2 75.4
119 36.7 26.9 40.3



#56
1,1,1,2-Tetrachloroethane
Concen: 1.976 ppbv
RT: 11.526 min Scan# 2775
Delta R.T. 0.006 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion:131 Resp: 260724
Ion Ratio Lower Upper
131 100
133 95.0 76.3 114.5
119 413.7 51.1 76.7#

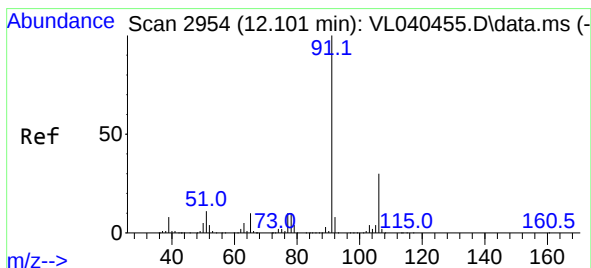
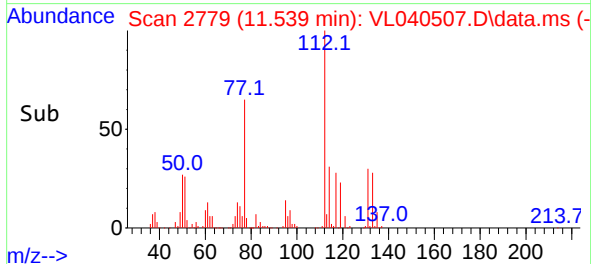
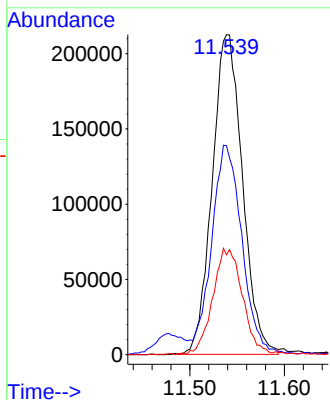
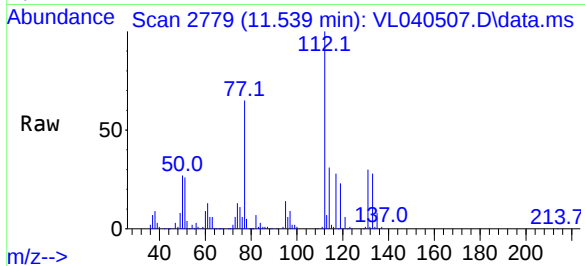




#57
Chlorobenzene
Concen: 2.057 ppbv
RT: 11.539 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

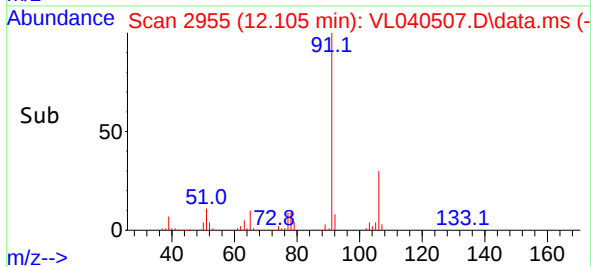
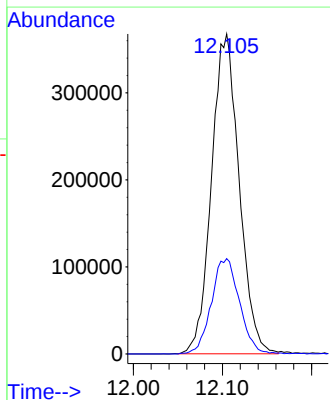
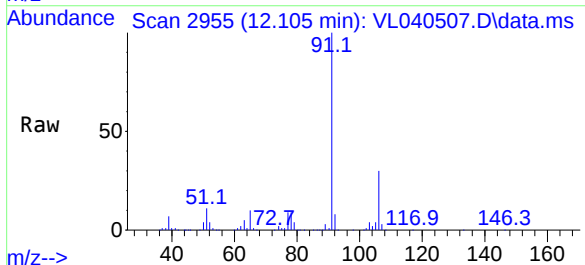
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC002

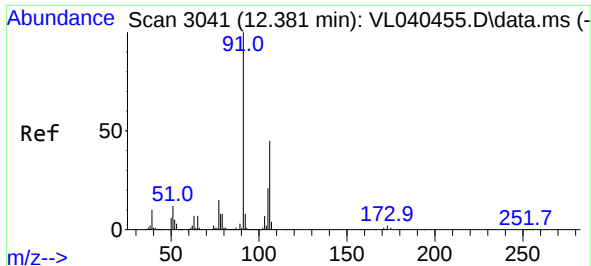
Tgt Ion:112 Resp: 472575
Ion Ratio Lower Upper
112 100
77 64.6 51.0 76.6
114 30.9 28.3 34.5



#58
Ethyl Benzene
Concen: 2.140 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 91 Resp: 791159
Ion Ratio Lower Upper
91 100
106 29.8 25.4 38.0





#59

m/p-Xylene

Concen: 1.451 ppbv

RT: 12.388 min Scan# 3041

Delta R.T. 0.003 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

Instrument :

MSVOA_L

ClientSampleId :

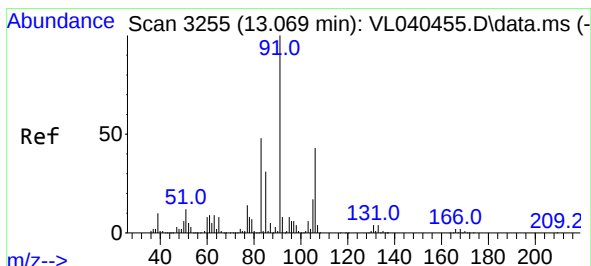
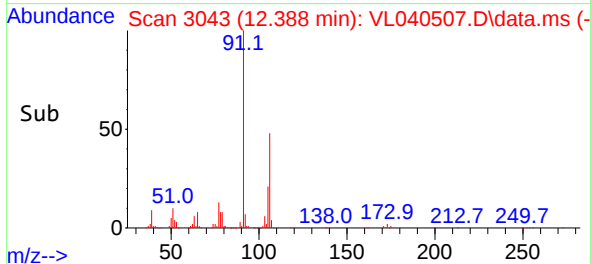
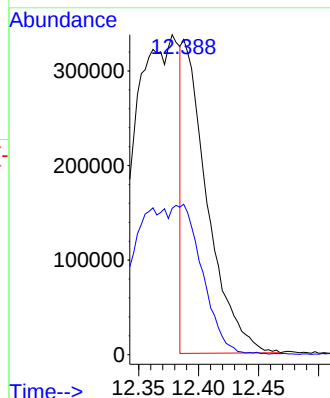
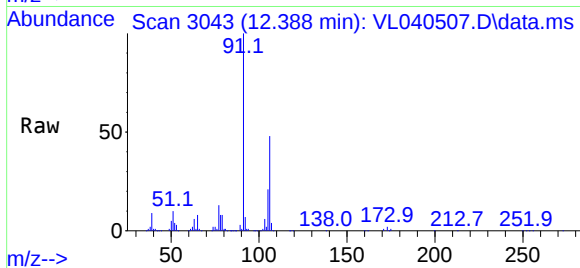
VSTDIC002

Tgt Ion: 91 Resp: 478735

Ion Ratio Lower Upper

91 100

106 129.7 35.9 53.9#



#60

o-Xylene

Concen: 2.108 ppbv

RT: 13.072 min Scan# 3256

Delta R.T. 0.003 min

Lab File: VL040507.D

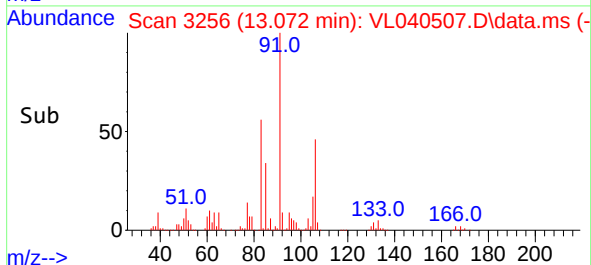
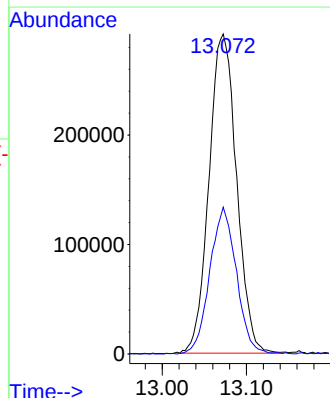
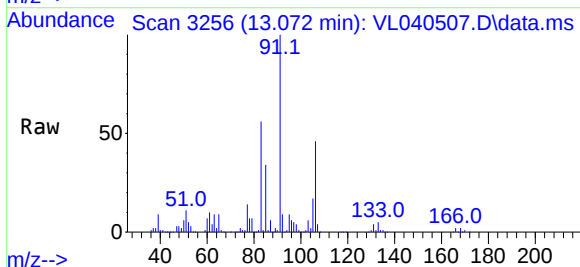
Acq: 10 Jul 2023 12:28

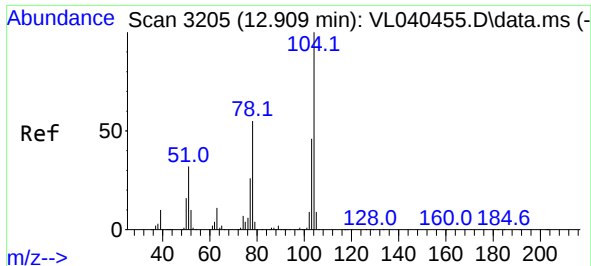
Tgt Ion: 91 Resp: 662442

Ion Ratio Lower Upper

91 100

106 44.5 22.7 68.0

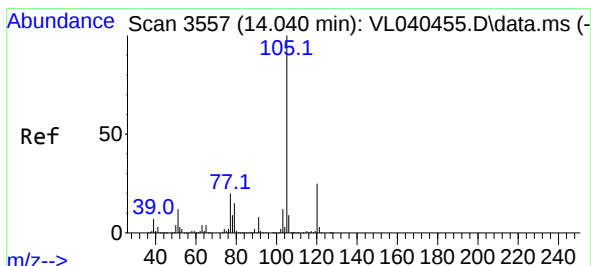
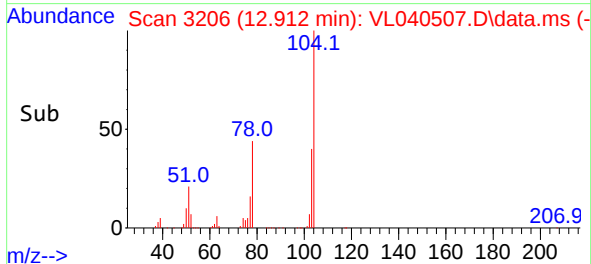
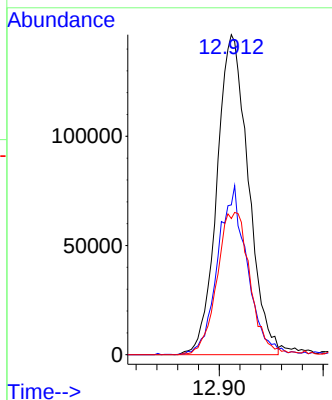
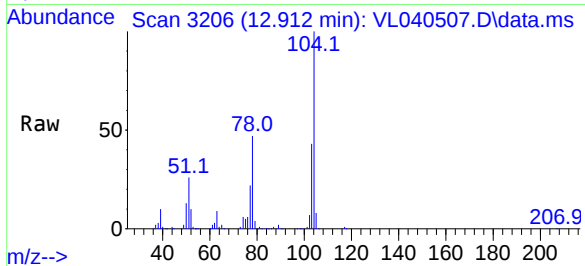




#61
Styrene
Concen: 2.122 ppbv
RT: 12.912 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

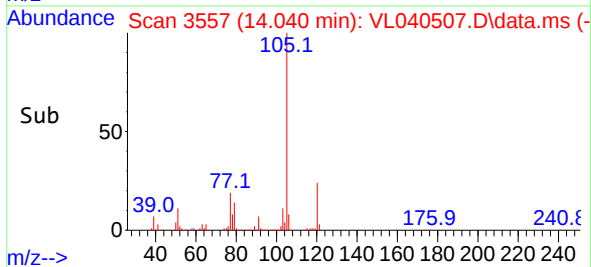
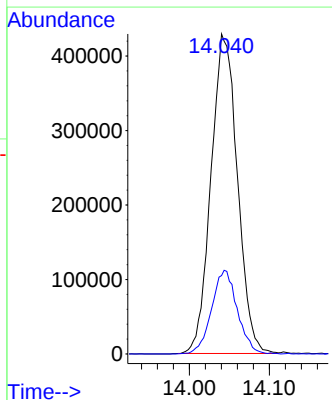
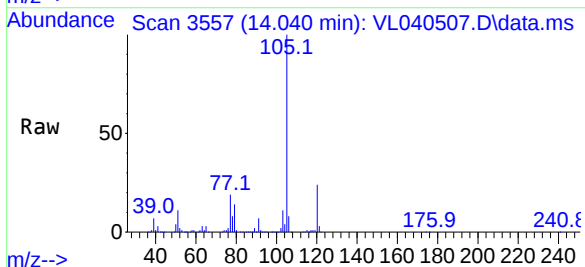
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC002

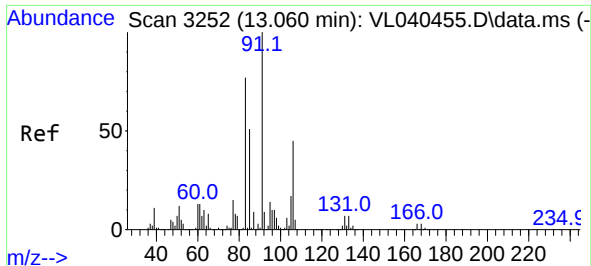
Tgt Ion:104 Resp: 307720
Ion Ratio Lower Upper
104 100
78 50.0 40.1 60.1
103 47.1 37.0 55.4



#62
Isopropylbenzene
Concen: 2.088 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion:105 Resp: 983499
Ion Ratio Lower Upper
105 100
120 25.6 20.8 31.2

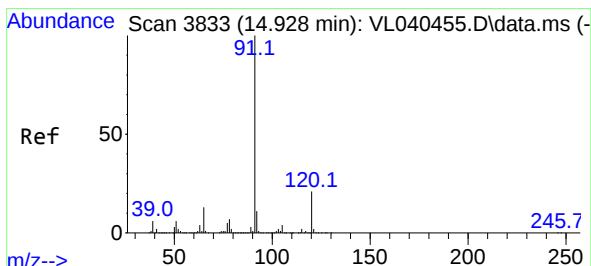
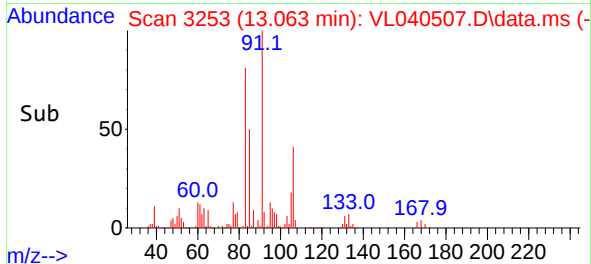
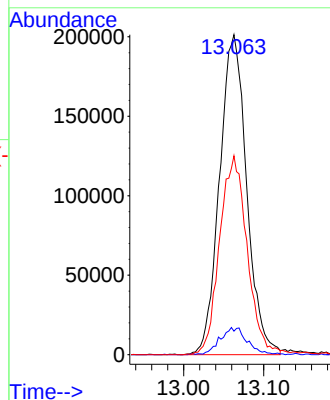
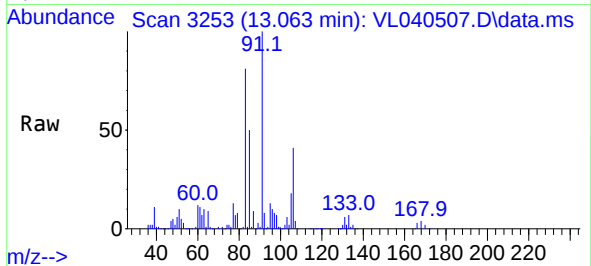




#63
1,1,2,2-Tetrachloroethane
Concen: 2.154 ppbv
RT: 13.063 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

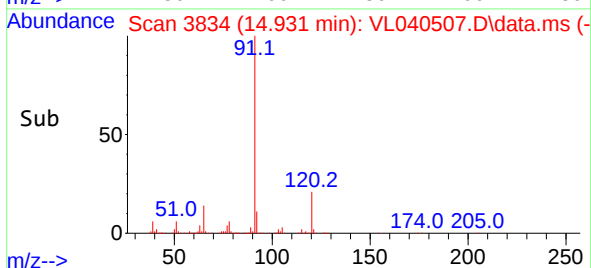
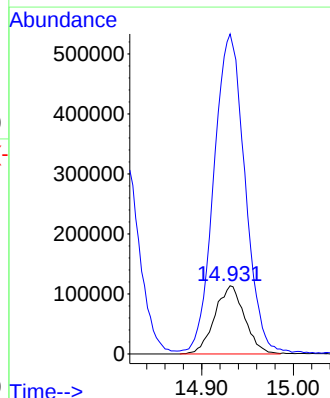
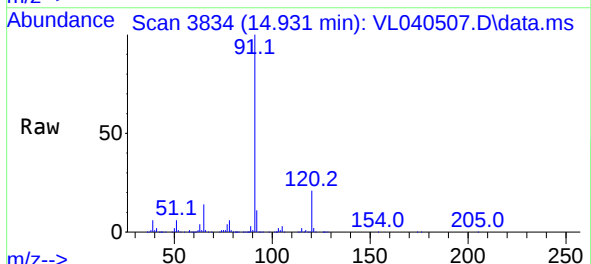
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

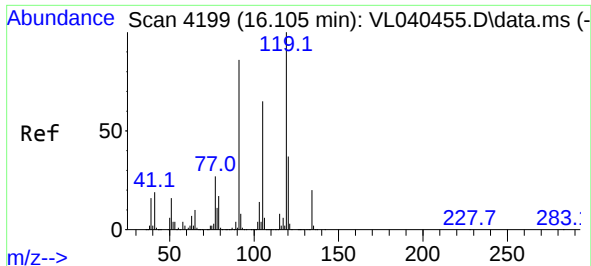
Tgt Ion: 83 Resp: 474132
Ion Ratio Lower Upper
83 100
131 8.6 4.6 13.8
85 63.9 32.8 98.3



#64
n-propylbenzene
Concen: 2.109 ppbv
RT: 14.931 min Scan# 3834
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 120 Resp: 257094
Ion Ratio Lower Upper
120 100
91 494.1 374.3 561.5

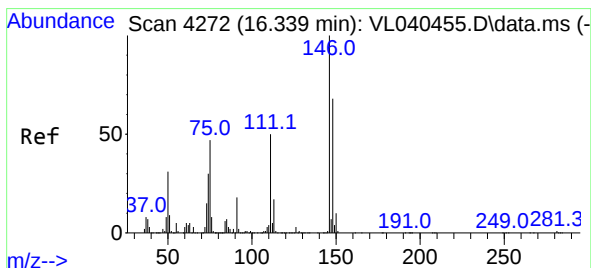
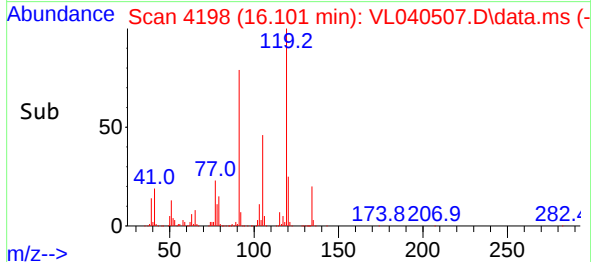
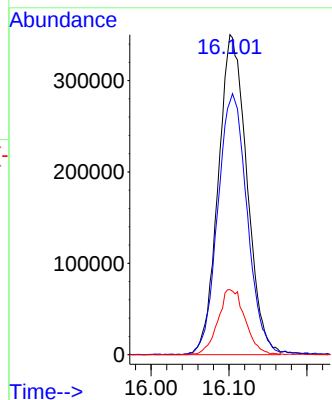
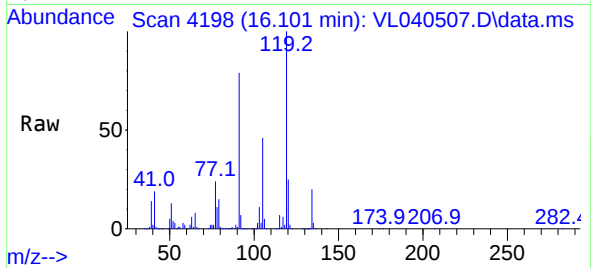




#65
tert-Butylbenzene
Concen: 2.147 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

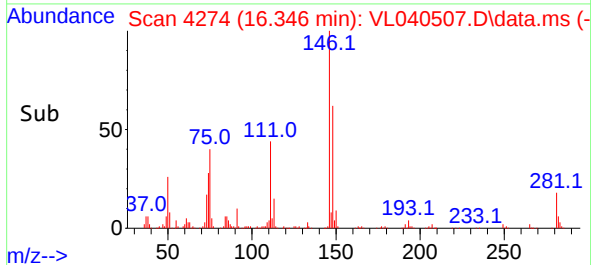
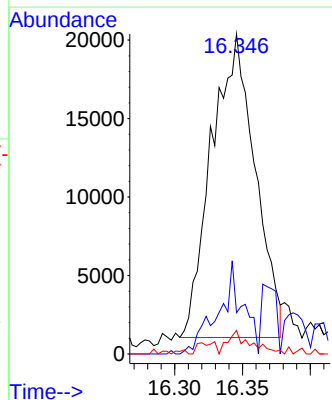
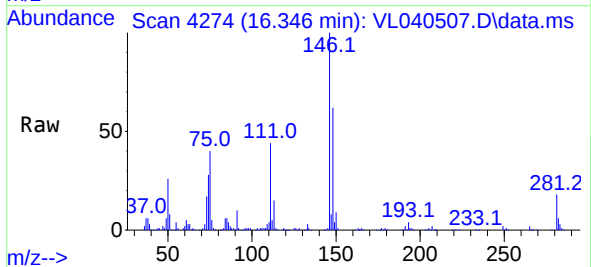
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC002

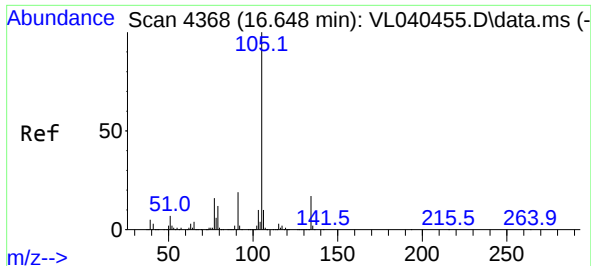
Tgt Ion:119 Resp: 895353
Ion Ratio Lower Upper
119 100
91 83.8 66.1 99.1
134 19.4 15.7 23.5



#66
Benzyl Chloride
Concen: 1.465 ppbv
RT: 16.346 min Scan# 4274
Delta R.T. 0.010 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 91 Resp: 43224
Ion Ratio Lower Upper
91 100
126 17.2 15.4 23.2
128 6.0 4.5 6.7

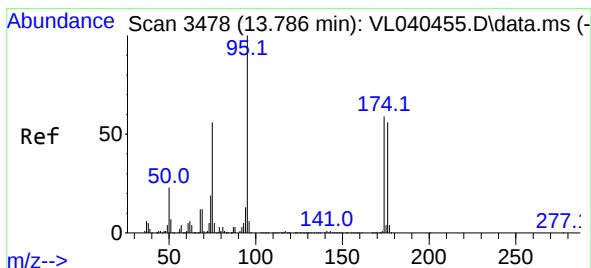
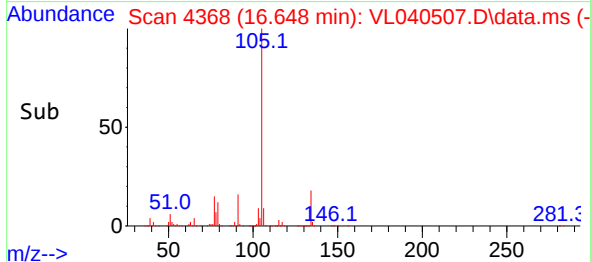
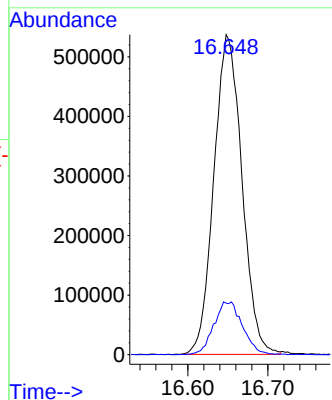
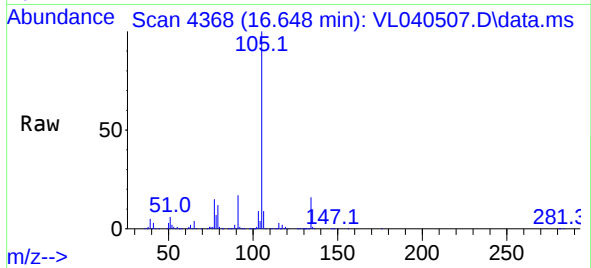




#67
sec-Butylbenzene
Concen: 2.133 ppbv
RT: 16.648 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

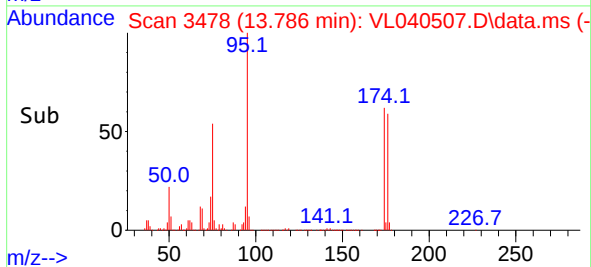
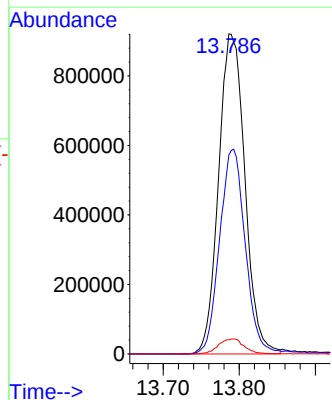
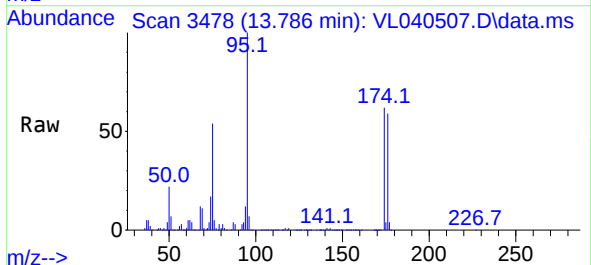
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

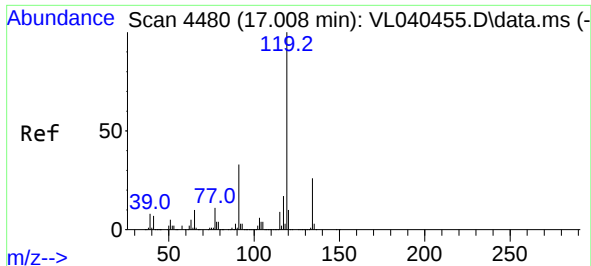
Tgt Ion:105 Resp: 1307327
Ion Ratio Lower Upper
105 100
134 17.0 14.4 21.6



#68
1-Bromo-4-Fluorobenzene
Concen: 9.483 ppbv
RT: 13.786 min Scan# 3478
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 95 Resp: 2210761
Ion Ratio Lower Upper
95 100
174 63.7 50.6 75.8
175 4.6 3.7 5.5

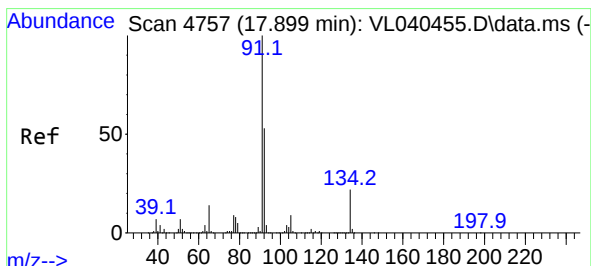
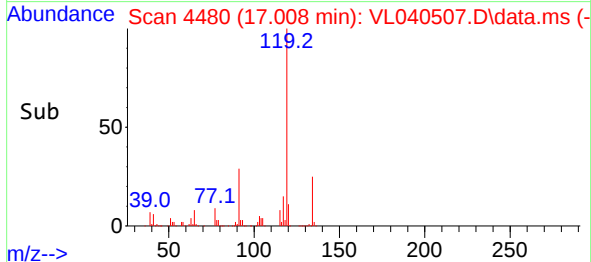
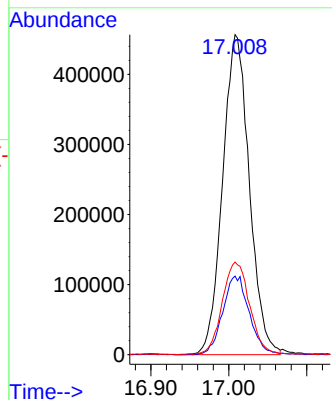
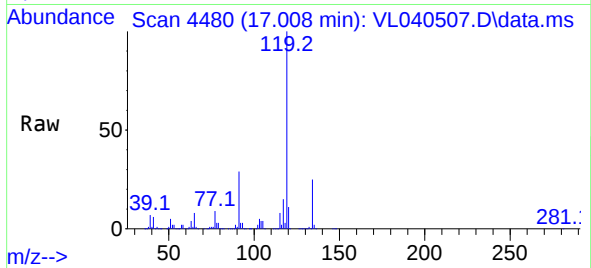




#69
p-Isopropyltoluene
Concen: 2.145 ppbv
RT: 17.008 min Scan# 4480
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

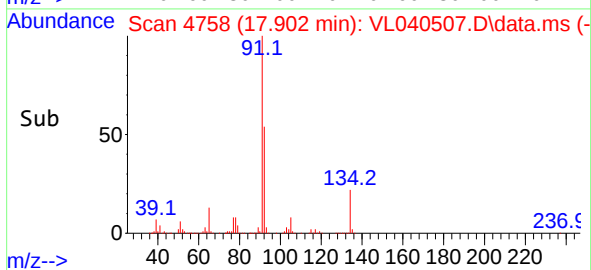
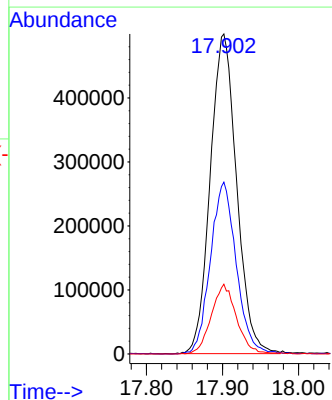
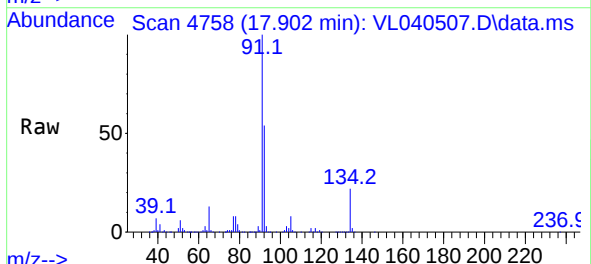
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC002

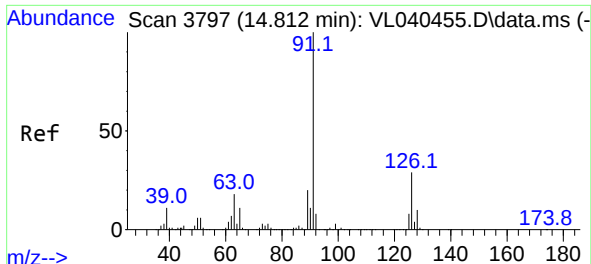
Tgt Ion:119 Resp: 1086423
Ion Ratio Lower Upper
119 100
134 24.6 20.5 30.7
91 29.7 23.8 35.8



#70
n-Butylbenzene
Concen: 2.130 ppbv
RT: 17.902 min Scan# 4758
Delta R.T. 0.006 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 91 Resp: 1202742
Ion Ratio Lower Upper
91 100
92 52.9 43.4 65.0
134 21.1 18.1 27.1

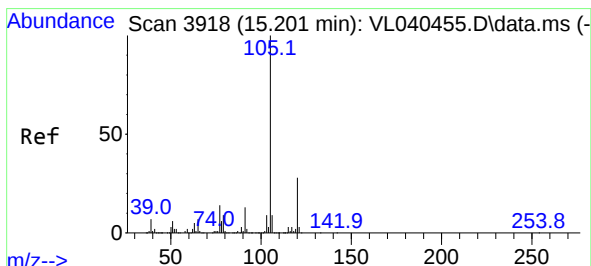
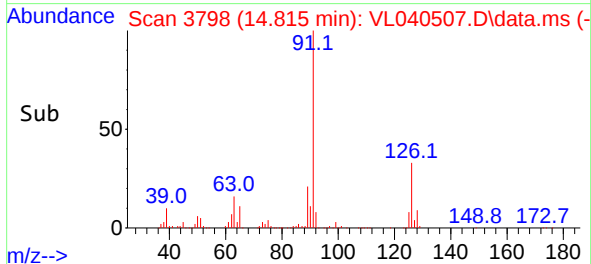
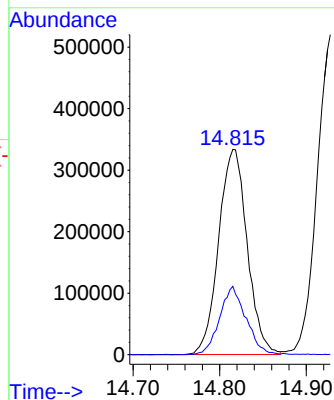
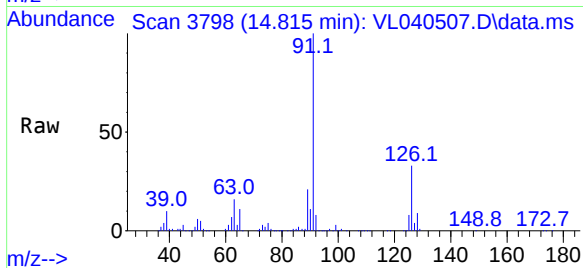




#71
2-Chlorotoluene
Concen: 2.103 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

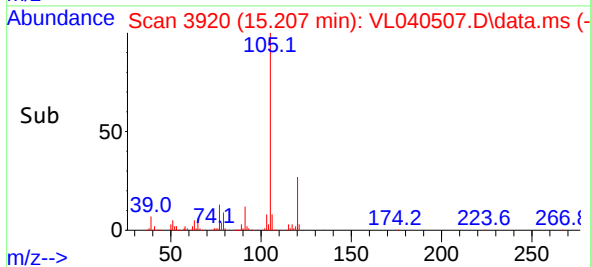
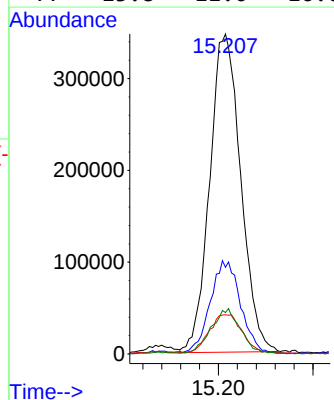
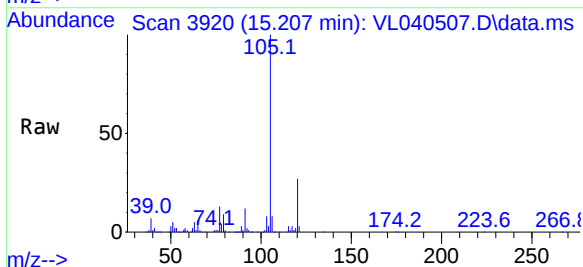
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

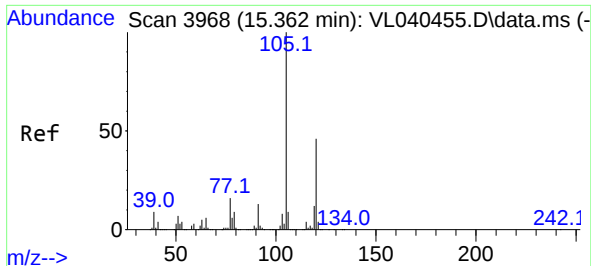
Tgt Ion: 91 Resp: 763650
Ion Ratio Lower Upper
91 100
126 31.0 12.4 49.8



#72
4-Ethyltoluene
Concen: 2.148 ppbv
RT: 15.207 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion: 105 Resp: 791269
Ion Ratio Lower Upper
105 100
120 29.9 24.6 37.0
91 14.2 10.7 16.1
77 13.8 11.0 16.6

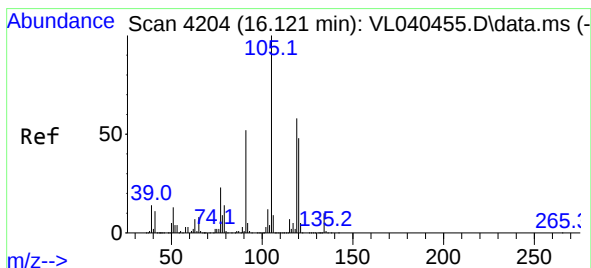
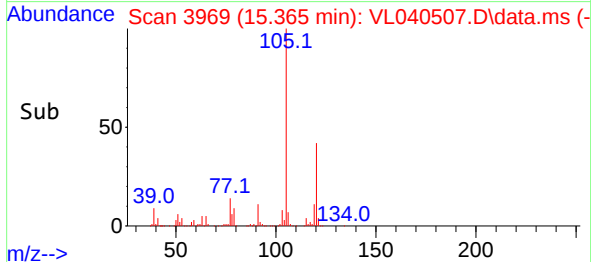
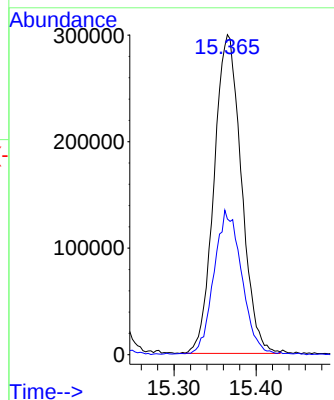
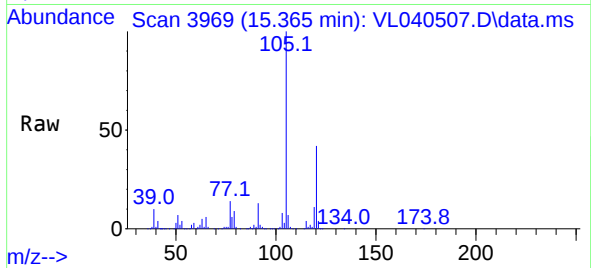




#73
 1,3,5-Trimethylbenzene
 Concen: 2.133 ppbv
 RT: 15.365 min Scan# 3968
 Delta R.T. 0.003 min
 Lab File: VL040507.D
 Acq: 10 Jul 2023 12:28

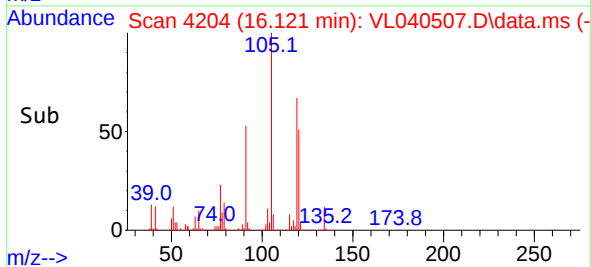
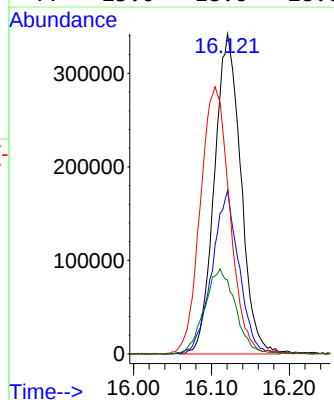
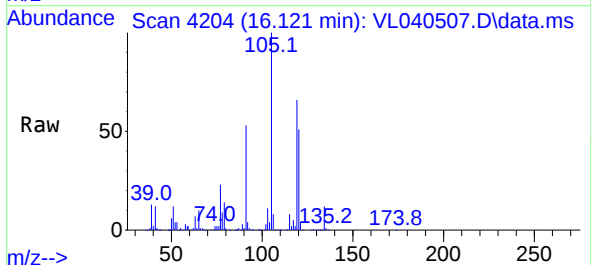
Instrument :
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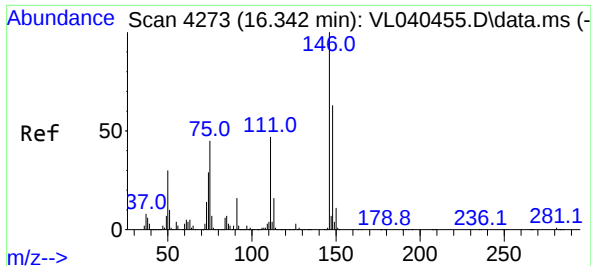
Tgt Ion:105 Resp: 692752
 Ion Ratio Lower Upper
 105 100
 120 42.2 38.2 57.2



#74
 1,2,4-Trimethylbenzene
 Concen: 2.131 ppbv
 RT: 16.121 min Scan# 4204
 Delta R.T. 0.003 min
 Lab File: VL040507.D
 Acq: 10 Jul 2023 12:28

Tgt Ion:105 Resp: 807031
 Ion Ratio Lower Upper
 105 100
 120 50.7 40.3 60.5
 91 52.6 46.8 70.2
 77 23.0 18.6 28.0

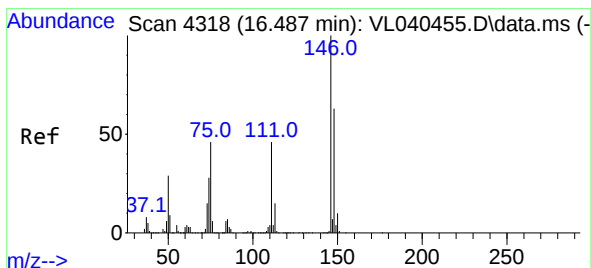
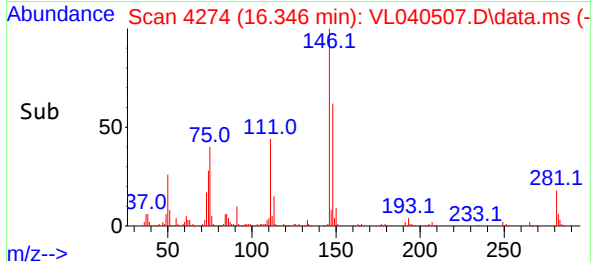
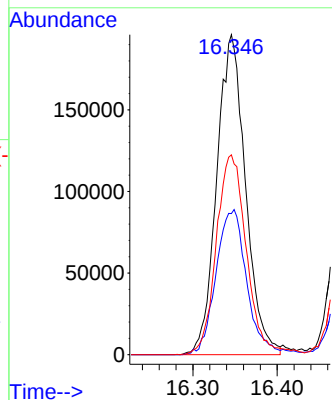
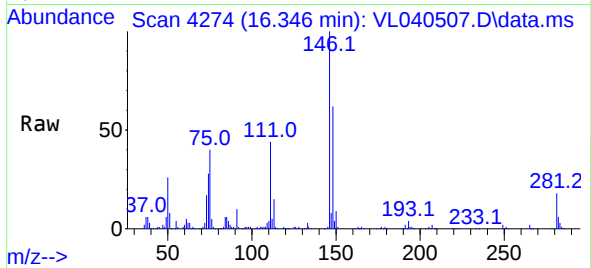




#75
1,3-Dichlorobenzene
Concen: 2.026 ppbv
RT: 16.346 min Scan# 4273
Delta R.T. 0.003 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

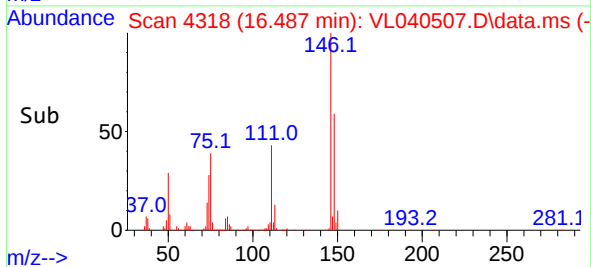
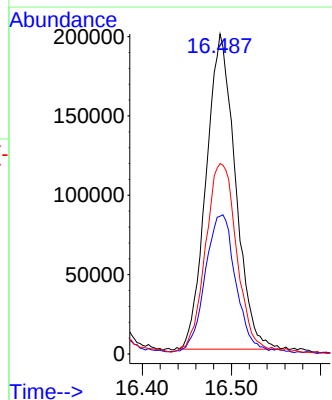
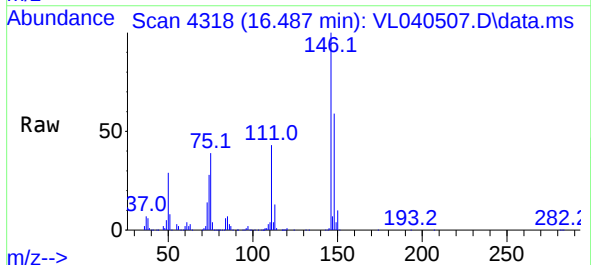
Instrument :
MSVOA_L
ClientSampleId :
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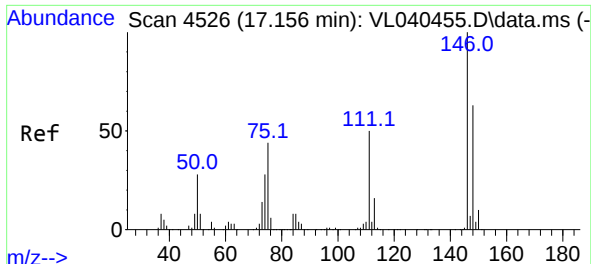
Tgt Ion:146 Resp: 465112
Ion Ratio Lower Upper
146 100
111 48.8 23.6 71.0
148 65.6 32.2 96.6



#76
1,4-Dichlorobenzene
Concen: 2.012 ppbv
RT: 16.487 min Scan# 4318
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion:146 Resp: 452843
Ion Ratio Lower Upper
146 100
111 47.8 22.8 68.3
148 66.2 32.6 97.8

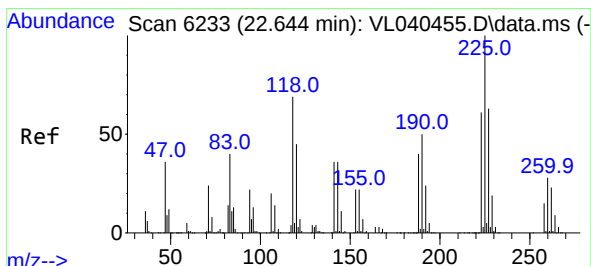
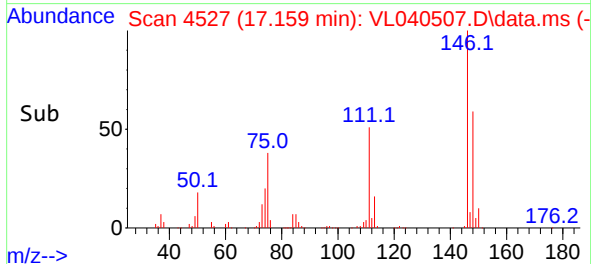
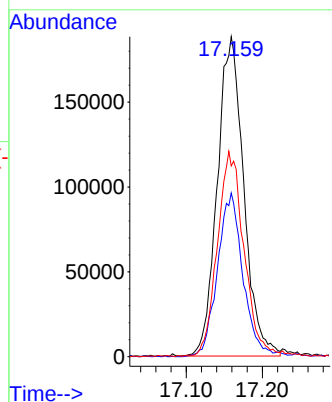
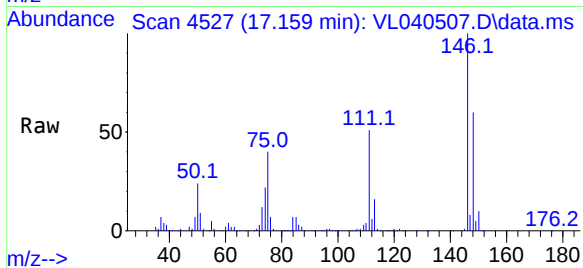




#77
1,2-Dichlorobenzene
Concen: 2.073 ppbv
RT: 17.159 min Scan# 4527
Delta R.T. 0.006 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

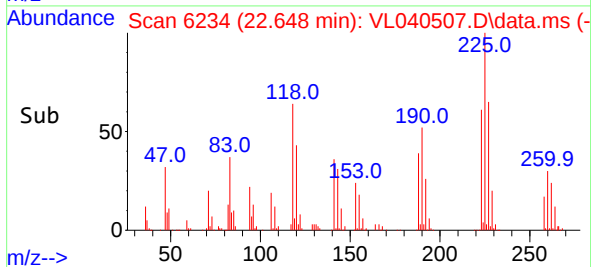
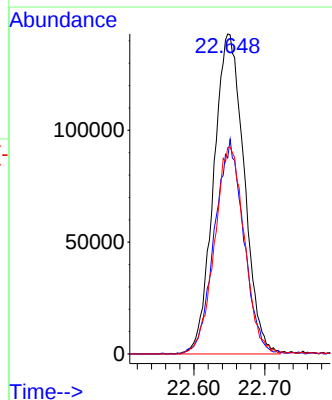
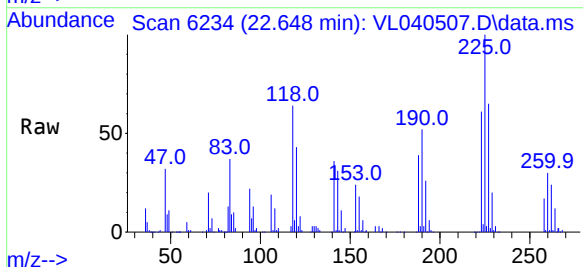
Instrument :
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ClientSampleId :
VSTDICC002

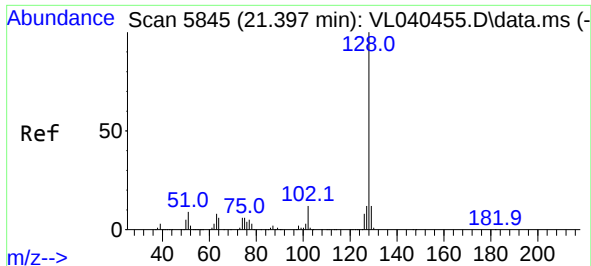
Tgt Ion:146 Resp: 455001
Ion Ratio Lower Upper
146 100
111 49.8 24.3 72.8
148 64.7 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 2.071 ppbv
RT: 22.648 min Scan# 6234
Delta R.T. -0.000 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

Tgt Ion:225 Resp: 426999
Ion Ratio Lower Upper
225 100
223 64.6 50.3 75.5
227 63.9 51.0 76.6

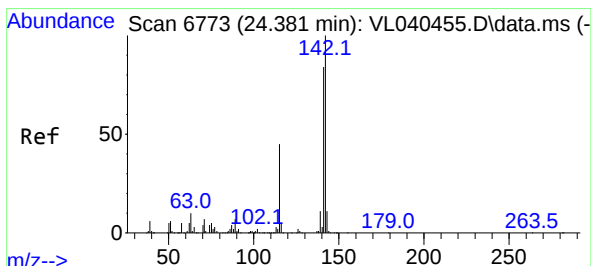
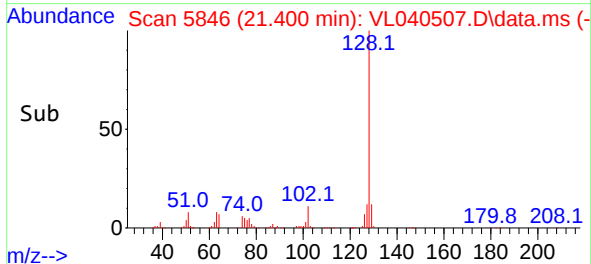
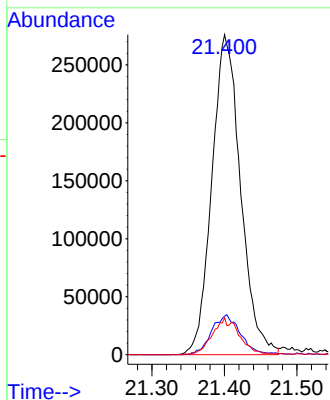
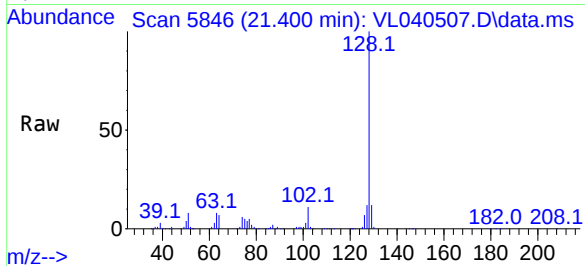




#79
Naphthalene
Concen: 2.367 ppbv
RT: 21.400 min Scan# 5845
Delta R.T. 0.006 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

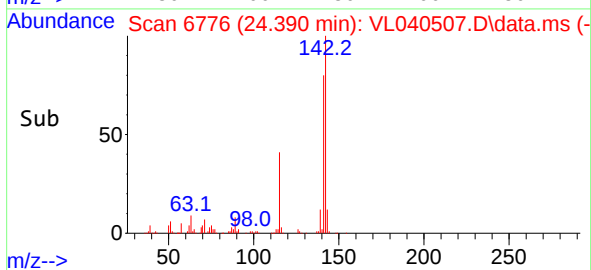
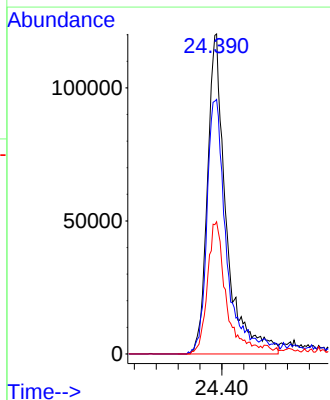
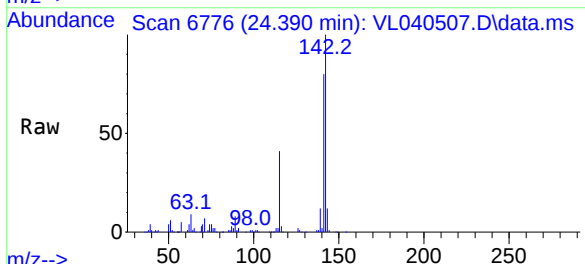
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Tgt Ion:128 Resp: 758253
Ion Ratio Lower Upper
128 100
127 12.0 10.7 16.1
129 11.5 9.2 13.8

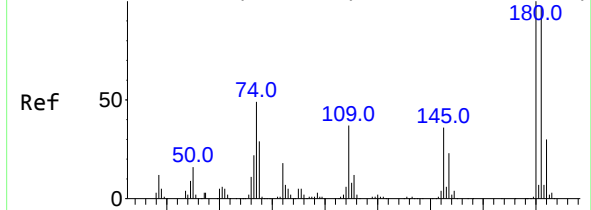


#80
Naphthalene,2-methyl-
Concen: 2.167 ppbv
RT: 24.390 min Scan# 6776
Delta R.T. 0.013 min
Lab File: VL040507.D
Acq: 10 Jul 2023 12:28

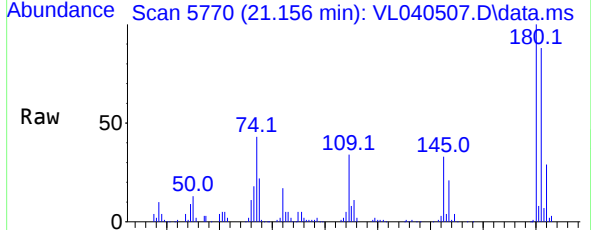
Tgt Ion:142 Resp: 286264
Ion Ratio Lower Upper
142 100
141 87.1 66.7 100.1
115 43.2 33.0 49.6



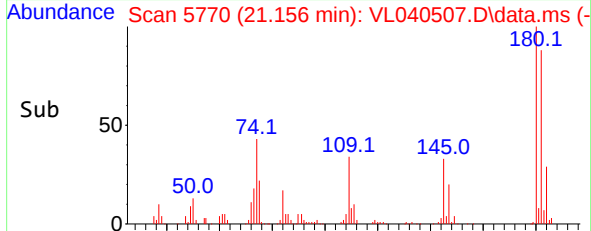
Abundance Scan 5769 (21.153 min): VL040455.D\data.ms (-



Abundance Scan 5770 (21.156 min): VL040507.D\data.ms



Abundance Scan 5770 (21.156 min): VL040507.D\data.ms (-



#81

1,2,4-Trichlorobenzene

Concen: 2.142 ppbv

RT: 21.156 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL040507.D

Acq: 10 Jul 2023 12:28

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC002

Tgt Ion:180 Resp: 472843

Ion Ratio Lower Upper

180 100

182 95.7 77.5 116.3

184 30.3 24.5 36.7

Abundance

