

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040509.D
 Acq On : 10 Jul 2023 13:48
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Jul 11 02:14:12 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	1052953	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2791013	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.481	117	2462600	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.789	95	1970752	10.112	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.738	85	114364	0.543	ppbv	98
3) Chlorodifluoromethane	2.684	51	89917	0.539	ppbv	95
4) Chloromethane	2.819	50	34403	0.520	ppbv	98
5) Vinyl Chloride	2.928	62	36926	0.532	ppbv	93
6) Bromomethane	3.128	94	16023	0.547	ppbv	92
7) Chloroethane	3.208	64	12368	0.508	ppbv	97
8) Dichlorotetrafluoroethane	2.867	85	92033	0.531	ppbv	96
9) Propene	2.700	41	31374	0.549	ppbv	98
10) Heptane	7.594	43	54988	0.436	ppbv	94
11) Trichlorofluoromethane	3.571	101	88608	0.521	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.073	101	62898	0.526	ppbv	96
13) Ethanol	3.259	45	3527	0.284	ppbv #	37
14) Bromoethene	3.372	108	25321	0.492	ppbv	96
15) Acetone	3.488	43	68499	0.565	ppbv	100
16) 1,3-Butadiene	2.992	39	28872	0.472	ppbv	89
17) tert-Butyl alcohol	3.899	59	64630	0.516	ppbv	98
18) 1,1-Dichloroethene	3.890	96	29186	0.530	ppbv	94
19) Isopropyl Alcohol	3.597	45	32392	0.466	ppbv #	85
20) Methylene Chloride	3.941	84	30611	0.594	ppbv	97
21) Allyl Chloride	4.005	41	32120	0.464	ppbv #	86
22) trans-1,2-Dichloroethene	4.455	96	27506	0.507	ppbv	94
23) Vinyl Acetate	4.645	43	56212	0.487	ppbv #	95
24) 1,1-Dichloroethane	4.568	63	28887	0.246	ppbv	97
25) Ethyl Acetate	5.224	43	112685	0.488	ppbv	97
26) Hexane	5.224	57	51892	0.484	ppbv	90
27) Carbon Disulfide	4.137	76	55313	0.439	ppbv #	80
28) Methyl tert-Butyl Ether	4.603	73	42182	0.489	ppbv	97
29) Chloroform	5.282	83	91055	0.512	ppbv	96
30) Cyclohexane	6.613	84	37289	0.418	ppbv	91
31) cis-1,2-Dichloroethene	5.086	61	32413	0.306	ppbv	91
32) 1,1,1-Trichloroethane	6.015	97	50901	0.293	ppbv #	40
34) 2-Butanone	4.803	43	61627	0.447	ppbv	91
35) Carbon Tetrachloride	6.497	117	84417	0.503	ppbv #	88
36) Benzene	6.381	78	108834	0.485	ppbv	96
37) 1,2-Dichloroethane	5.819	62	64855	0.491	ppbv	100
38) Trichloroethene	7.304	130	43445	0.511	ppbv #	84
39) 1,2-Dichloropropane	7.079	63	44016	0.509	ppbv #	86
40) 1,4-Dioxane	7.311	88	1099	0.041	ppbv #	13
41) Tetrahydrofuran	5.590	42	31513	0.392	ppbv #	91
42) Bromodichloromethane	7.259	83	83946	0.457	ppbv	99
43) Methyl Methacrylate	7.491	69	19398	0.231	ppbv #	5
44) 2,2,4-Trimethylpentane	7.336	57	105584	0.292	ppbv #	61
45) t-1,3-Dichloropropene	8.729	75	8730	0.162	ppbv	99

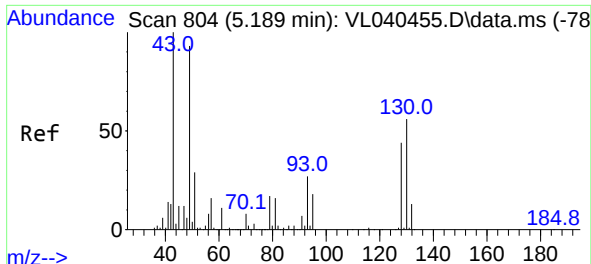
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071023\
 Data File : VL040509.D
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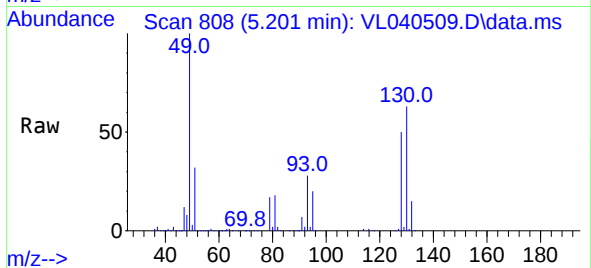
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	17601	0.254	ppbv	96
47) 1,1,2-Trichloroethane	8.912	97	24235	0.254	ppbv	95
48) Dibromochloromethane	9.722	129	36030	0.244	ppbv #	31
49) Bromoform	12.420	173	45090	0.386	ppbv	98
50) 4-Methyl-2-Pentanone	8.211	43	83557	0.417	ppbv	96
51) 2-Hexanone	9.581	43	48480	0.342	ppbv #	99
52) Tetrachloroethene	10.626	164	35355	0.486	ppbv #	91
53) Toluene	9.233	91	99300	0.407	ppbv	99
54) 1,2-Dibromoethane	10.018	107	26290	0.222	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.523	131	55931	0.507	ppbv #	1
57) Chlorobenzene	11.539	112	92924	0.484	ppbv #	96
58) Ethyl Benzene	12.105	91	129011	0.417	ppbv	91
59) m/p-Xylene	12.388	91	97640	0.354	ppbv #	2
60) o-Xylene	13.076	91	115008	0.438	ppbv	99
61) Styrene	12.912	104	38369	0.317	ppbv	92
62) Isopropylbenzene	14.043	105	181273	0.460	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.060	83	95626	0.520	ppbv	98
64) n-propylbenzene	14.928	120	31515	0.309	ppbv #	1
65) tert-Butylbenzene	16.108	119	154353	0.443	ppbv	89
66) Benzyl Chloride	16.326	91	1428	0.058	ppbv #	65
67) sec-Butylbenzene	16.654	105	235735	0.460	ppbv	97
69) p-Isopropyltoluene	17.014	119	166699	0.394	ppbv #	92
70) n-Butylbenzene	17.908	91	210572	0.446	ppbv	94
71) 2-Chlorotoluene	14.818	91	134660	0.444	ppbv	96
72) 4-Ethyltoluene	15.211	105	127872	0.415	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.368	105	113352	0.417	ppbv	92
74) 1,2,4-Trimethylbenzene	16.121	105	140776	0.445	ppbv	97
75) 1,3-Dichlorobenzene	16.346	146	47161	0.246	ppbv #	23
76) 1,4-Dichlorobenzene	16.490	146	83501	0.444	ppbv	88
77) 1,2-Dichlorobenzene	17.156	146	82415	0.449	ppbv	92
78) Hexachloro-1,3-Butadiene	22.654	225	40769	0.237	ppbv #	1
79) Naphthalene	21.403	128	47861	0.179	ppbv #	93
80) Naphthalene,2-methyl-	24.394	142	14617	0.132	ppbv #	82
81) 1,2,4-Trichlorobenzene	21.159	180	37778	0.205	ppbv #	12

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

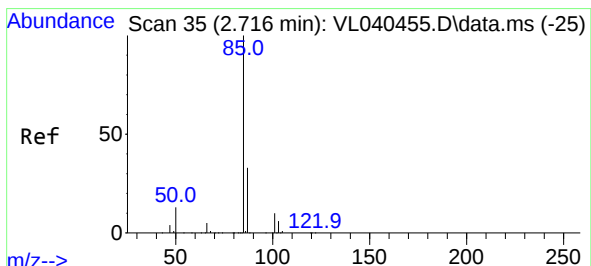
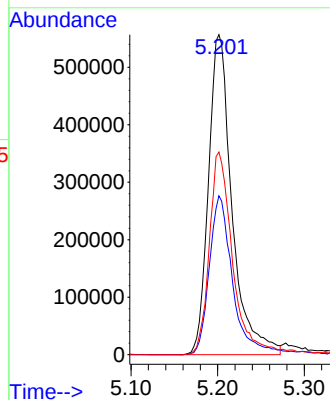
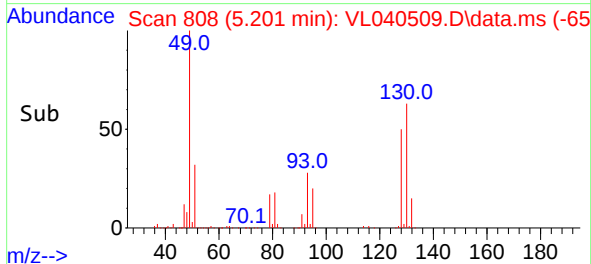


#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 80
Delta R.T. -0.001 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

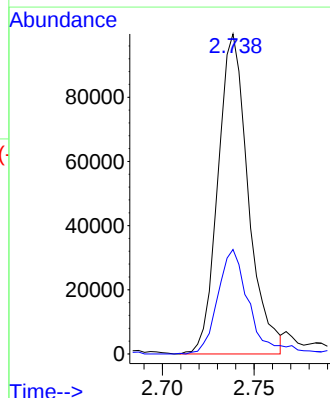
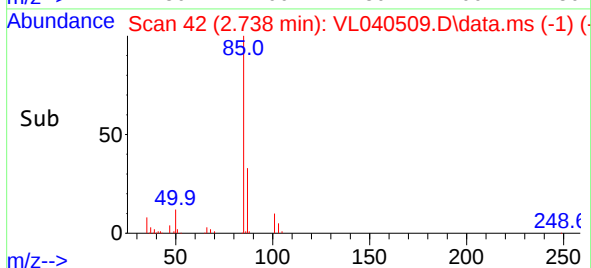
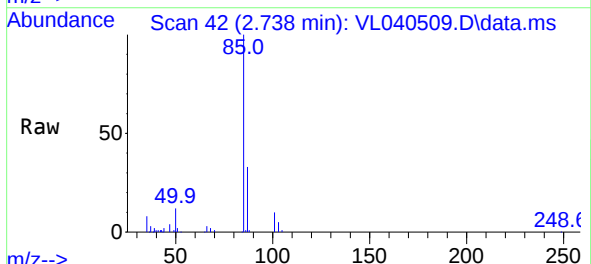


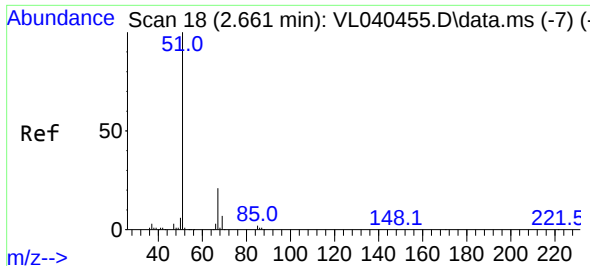
Tgt Ion: 49 Resp: 1052953
Ion Ratio Lower Upper
49 100
128 50.0 25.1 75.4
130 64.5 31.6 94.7



#2
Dichlorodifluoromethane
Concen: 0.543 ppbv
RT: 2.738 min Scan# 42
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 85 Resp: 114364
Ion Ratio Lower Upper
85 100
87 32.4 26.8 40.2

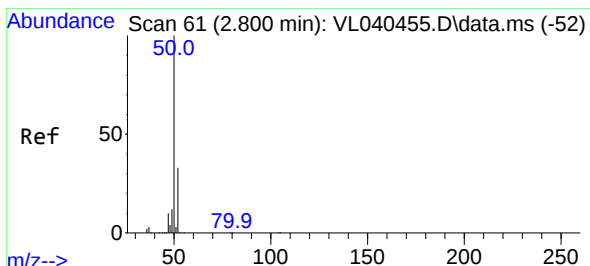
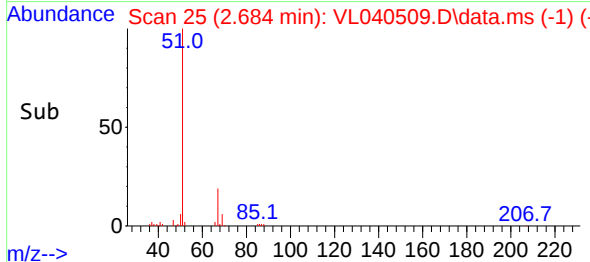
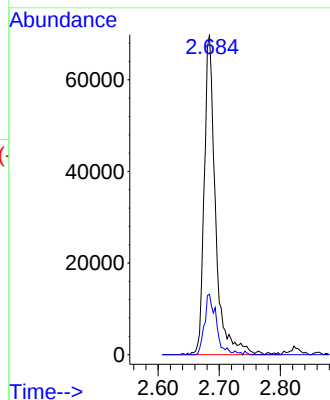
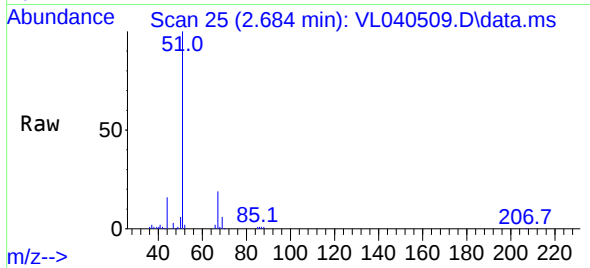




#3
Chlorodifluoromethane
Concen: 0.539 ppbv
RT: 2.684 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

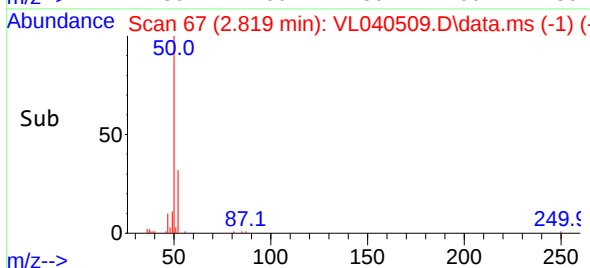
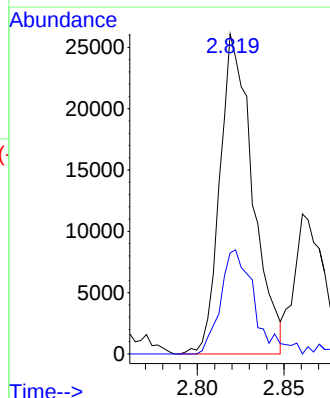
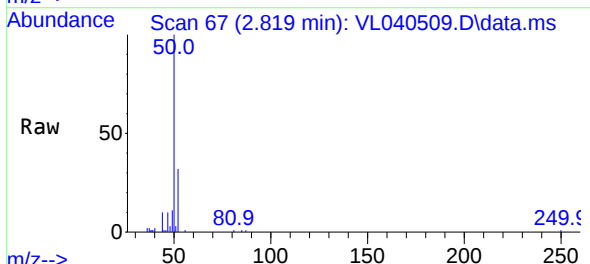
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 51 Resp: 89917
Ion Ratio Lower Upper
51 100
67 20.2 14.6 21.8

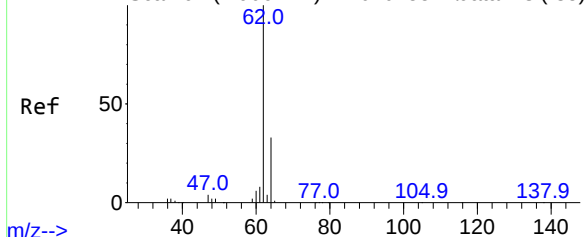


#4
Chloromethane
Concen: 0.520 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 50 Resp: 34403
Ion Ratio Lower Upper
50 100
52 31.6 24.4 36.6



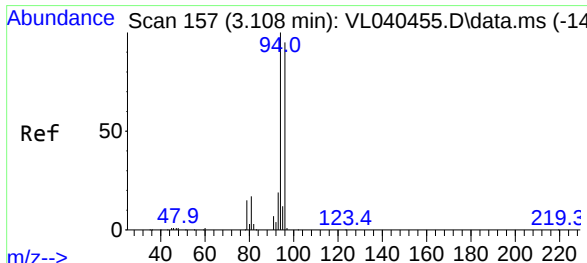
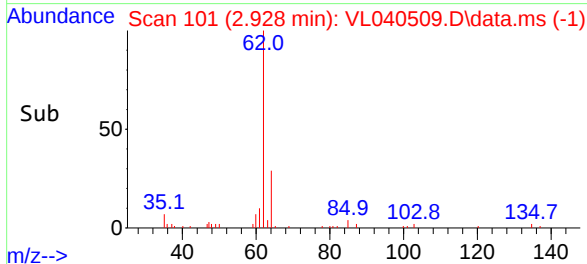
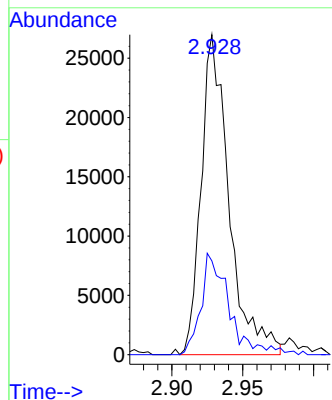
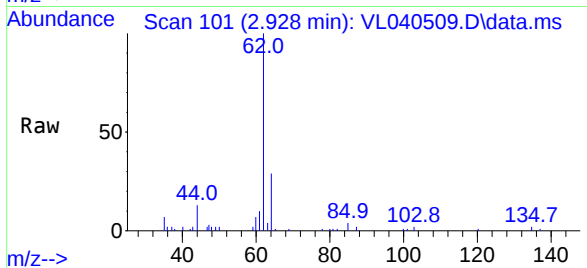
Abundance Scan 94 (2.906 min): VL040455.D\data.ms (-85)



#5
Vinyl Chloride
Concen: 0.532 ppbv
RT: 2.928 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

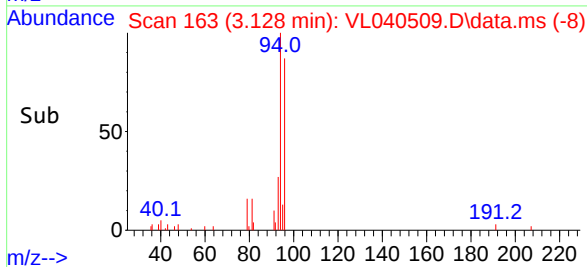
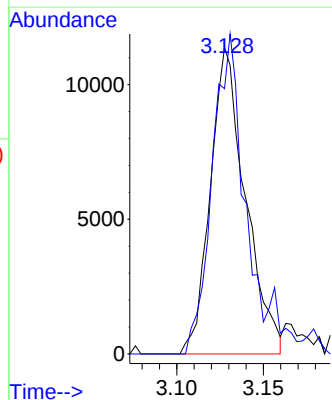
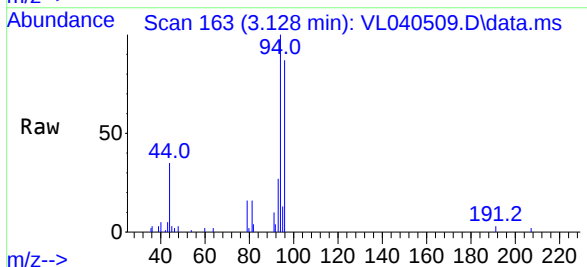
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

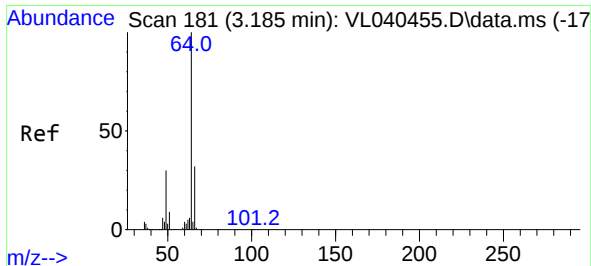
Tgt Ion: 62 Resp: 36926
Ion Ratio Lower Upper
62 100
64 29.3 26.4 39.6



#6
Bromomethane
Concen: 0.547 ppbv
RT: 3.128 min Scan# 163
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 94 Resp: 16023
Ion Ratio Lower Upper
94 100
96 86.5 75.7 113.5

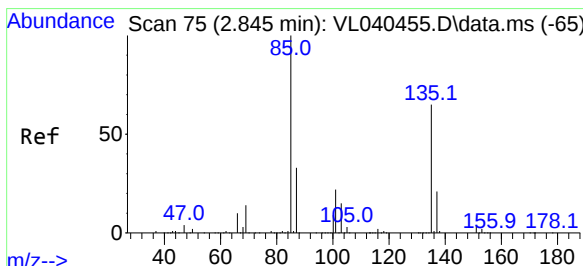
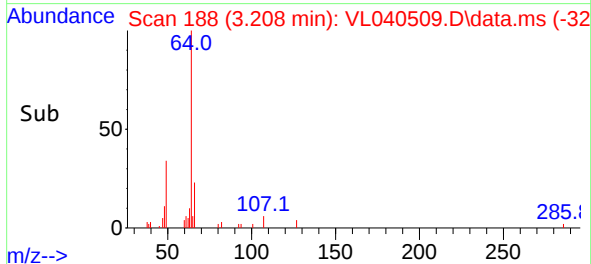
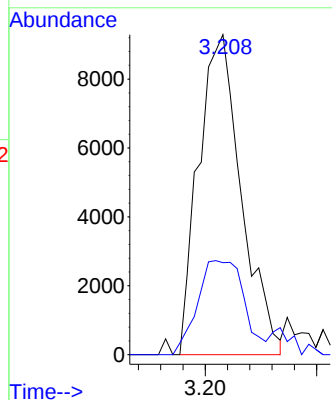
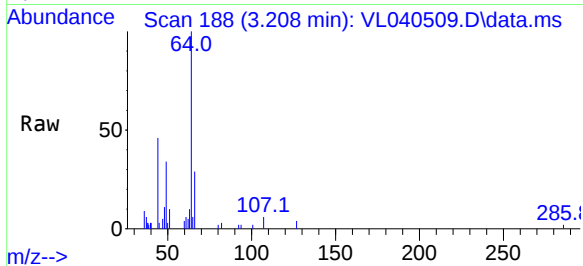




#7
Chloroethane
Concen: 0.508 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

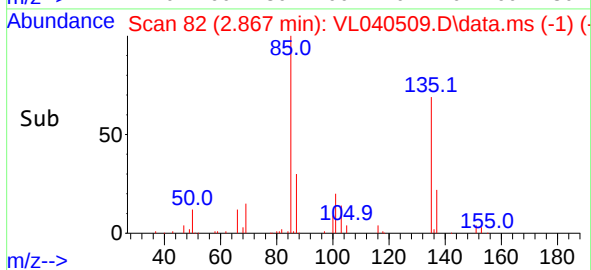
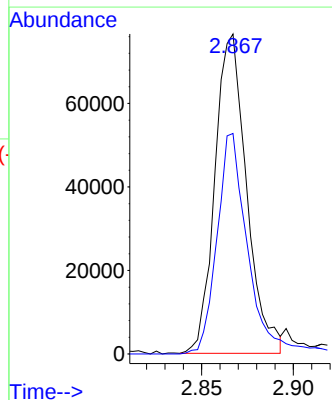
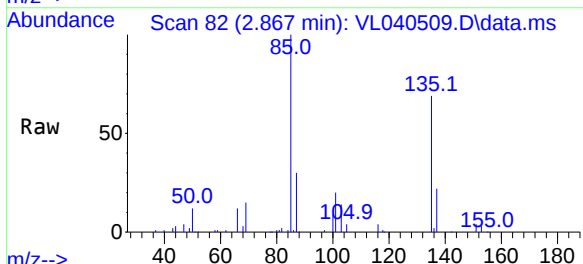
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 12368
Ion Ratio Lower Upper
64 100
66 28.7 24.4 36.6

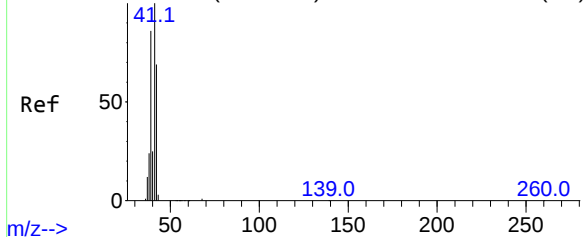


#8
Dichlorotetrafluoroethane
Concen: 0.531 ppbv
RT: 2.867 min Scan# 82
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 85 Resp: 92033
Ion Ratio Lower Upper
85 100
135 68.9 52.4 78.6



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



#9

Propene

Concen: 0.549 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.003 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

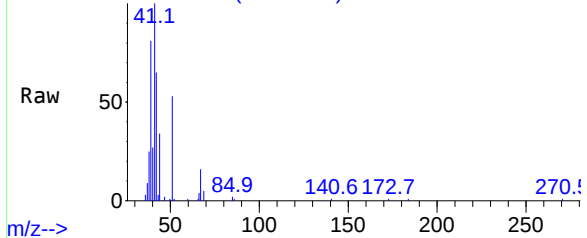
Tgt Ion: 41 Resp: 31374

Ion Ratio Lower Upper

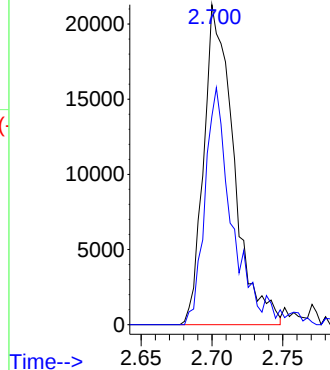
41 100

42 70.6 55.0 82.6

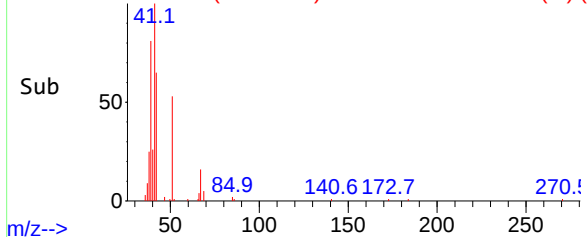
Abundance Scan 30 (2.700 min): VL040509.D\data.ms



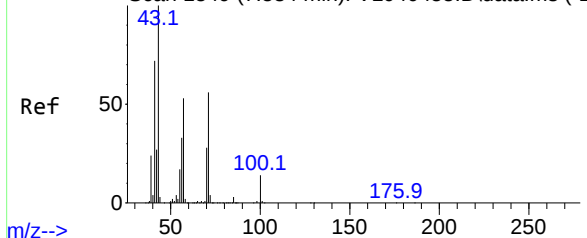
Abundance



Abundance Scan 30 (2.700 min): VL040509.D\data.ms (-1)



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



#10

Heptane

Concen: 0.436 ppbv

RT: 7.594 min Scan# 1552

Delta R.T. 0.003 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

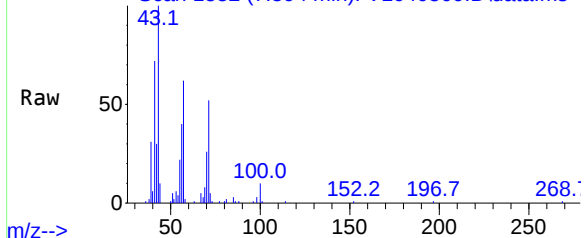
Tgt Ion: 43 Resp: 54988

Ion Ratio Lower Upper

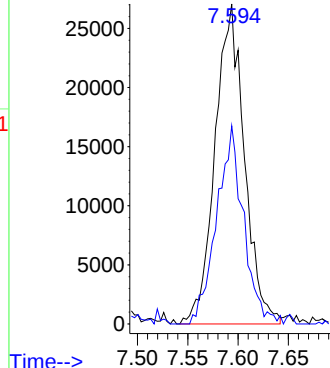
43 100

57 57.3 42.5 63.7

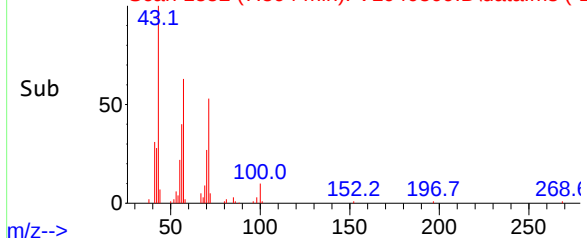
Abundance Scan 1552 (7.594 min): VL040509.D\data.ms

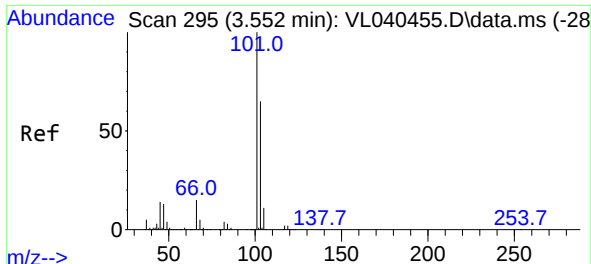


Abundance



Abundance Scan 1552 (7.594 min): VL040509.D\data.ms (-1)

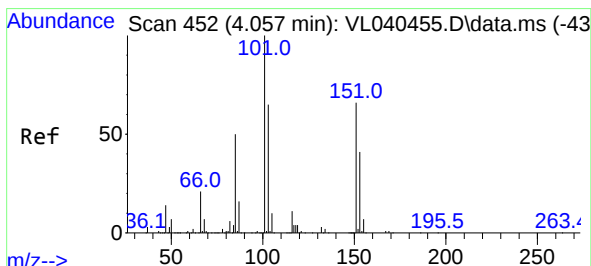
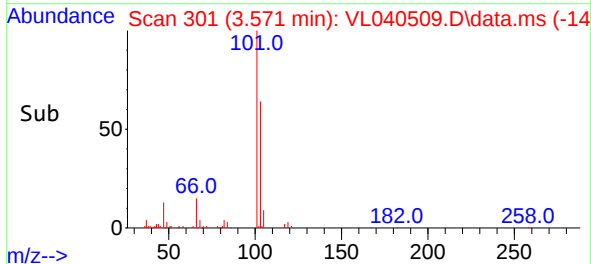
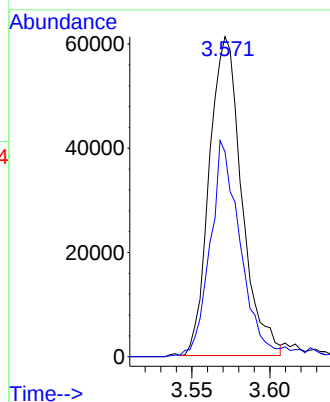
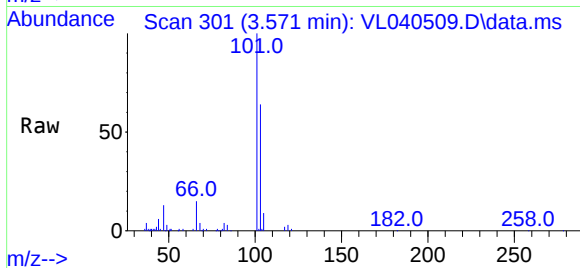




#11
Trichlorofluoromethane
Concen: 0.521 ppbv
RT: 3.571 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

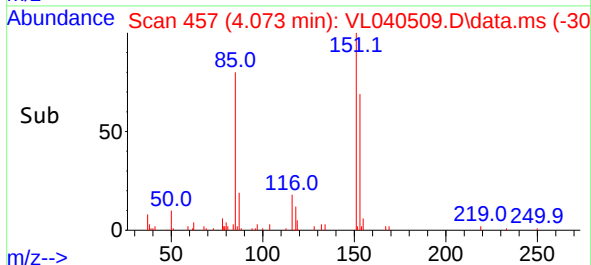
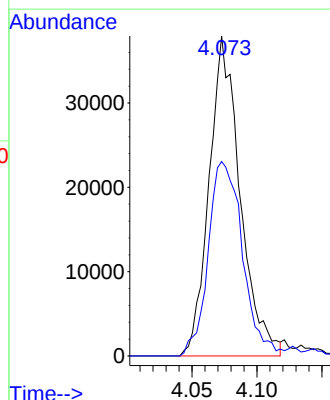
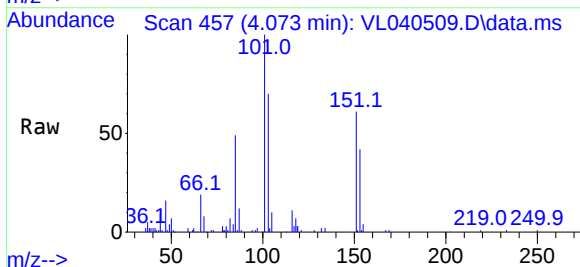
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

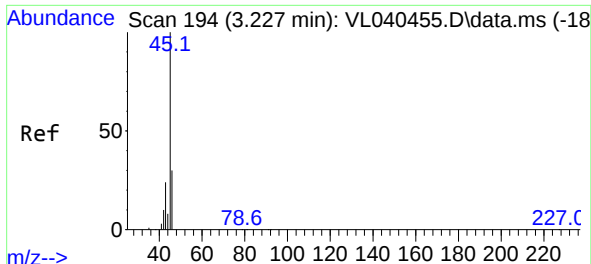
Tgt Ion:101 Resp: 88608
Ion Ratio Lower Upper
101 100
103 63.8 53.4 80.0



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.526 ppbv
RT: 4.073 min Scan# 457
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion:101 Resp: 62898
Ion Ratio Lower Upper
101 100
151 69.7 58.2 87.4

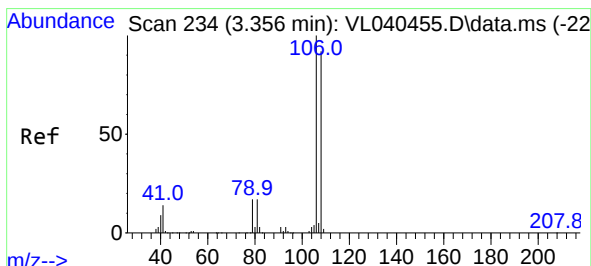
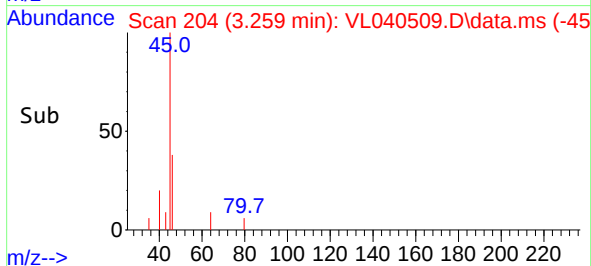
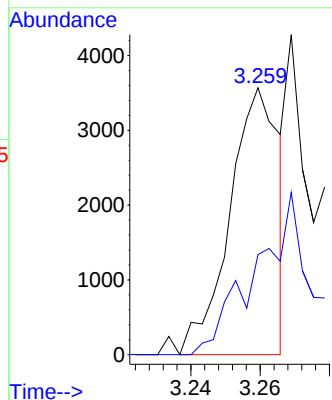
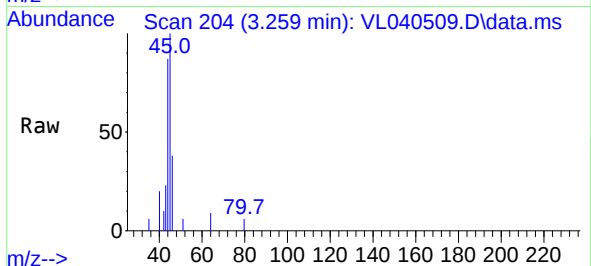




#13
Ethanol
Concen: 0.284 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.013 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

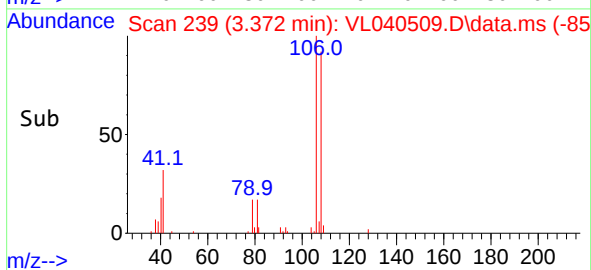
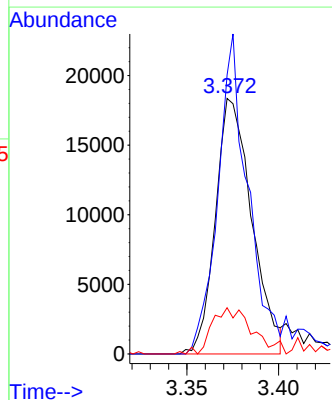
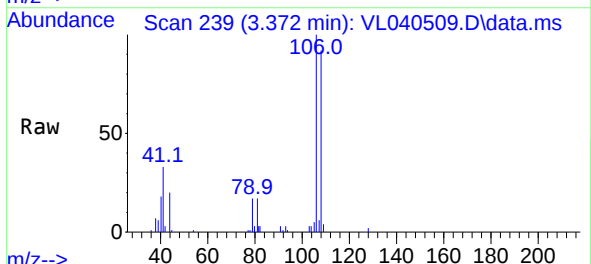
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

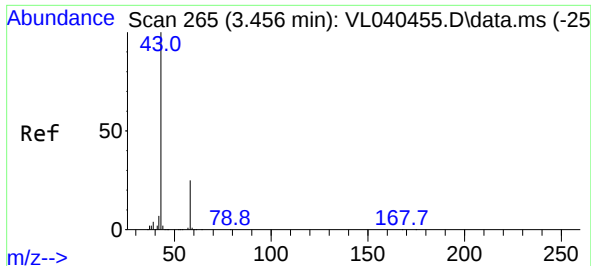
Tgt Ion: 45 Resp: 3527
Ion Ratio Lower Upper
45 100
46 0.0 15.3 61.1#



#14
Bromoethene
Concen: 0.492 ppbv
RT: 3.372 min Scan# 239
Delta R.T. -0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 108 Resp: 25321
Ion Ratio Lower Upper
108 100
106 113.6 87.2 130.8
79 20.2 15.3 22.9

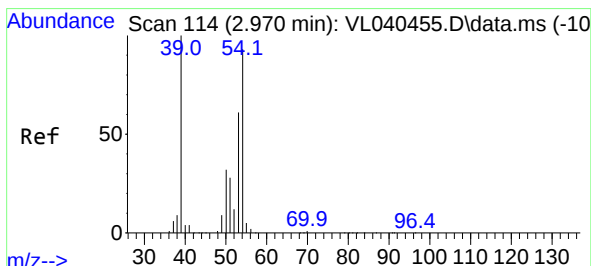
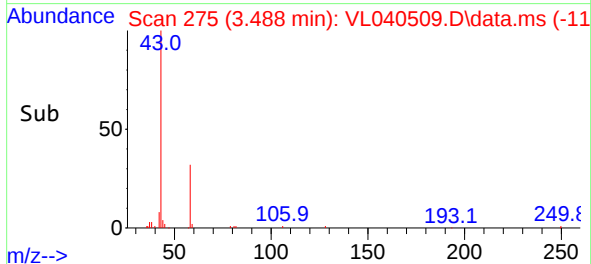
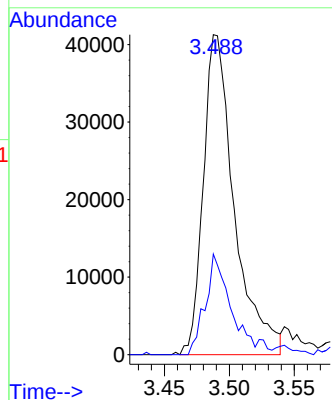
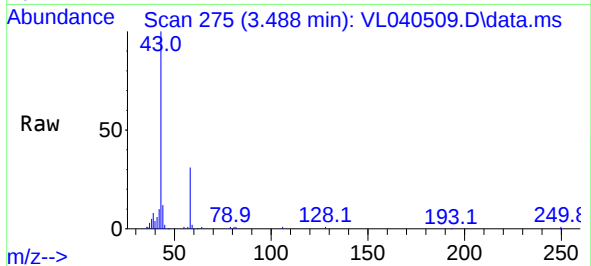




#15
Acetone
Concen: 0.565 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

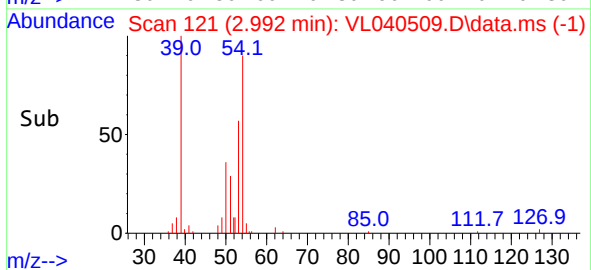
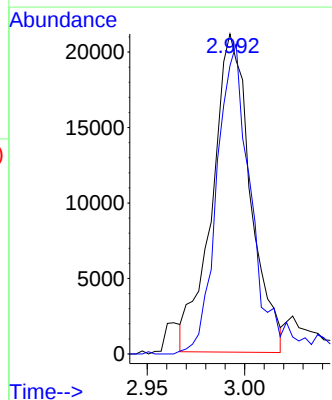
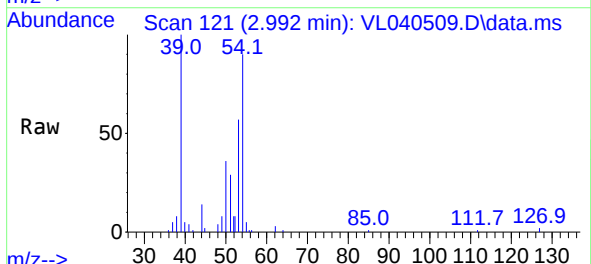
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

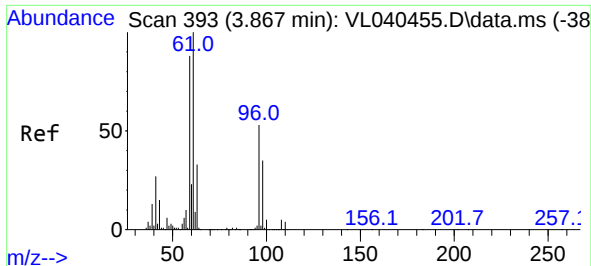
Tgt Ion: 43 Resp: 68499
Ion Ratio Lower Upper
43 100
58 28.5 22.9 34.3



#16
1,3-Butadiene
Concen: 0.472 ppbv
RT: 2.992 min Scan# 121
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 39 Resp: 28872
Ion Ratio Lower Upper
39 100
54 93.3 66.6 100.0





#17

tert-Butyl alcohol

Concen: 0.516 ppbv

RT: 3.899 min Scan# 40

Delta R.T. 0.016 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

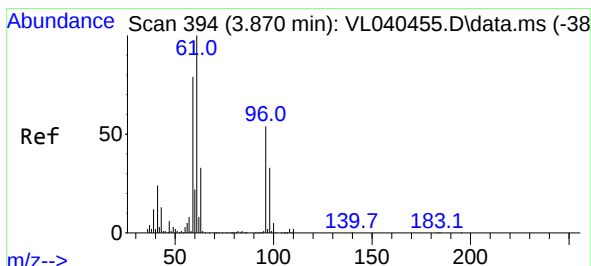
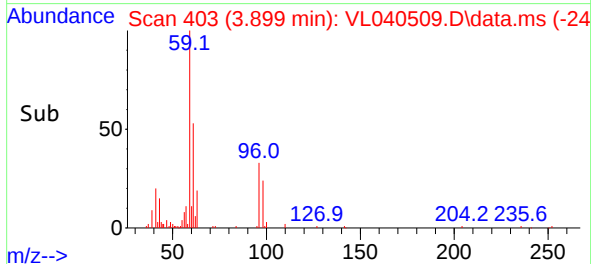
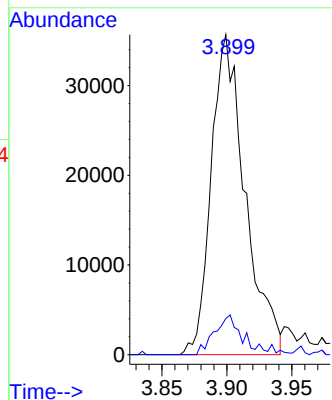
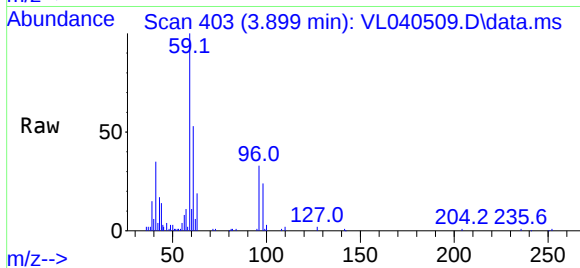
VSTDICC0.5

Tgt Ion: 59 Resp: 64630

Ion Ratio Lower Upper

59 100

57 11.6 8.7 13.1



#18

1,1-Dichloroethene

Concen: 0.530 ppbv

RT: 3.890 min Scan# 400

Delta R.T. -0.000 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

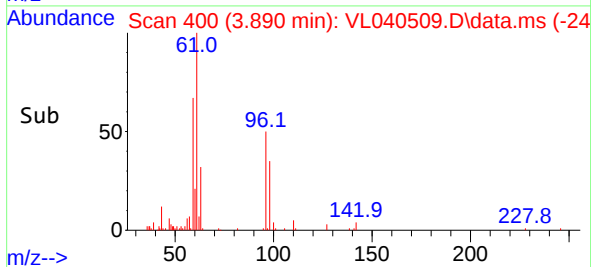
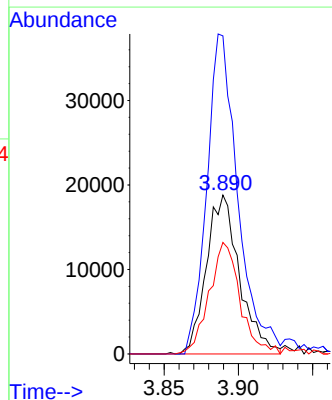
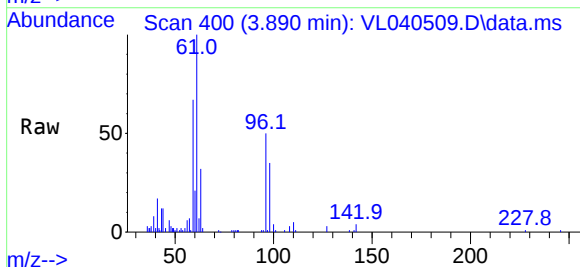
Tgt Ion: 96 Resp: 29186

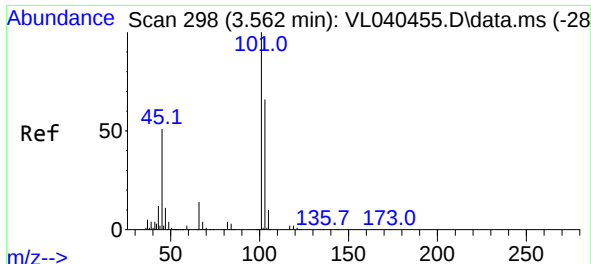
Ion Ratio Lower Upper

96 100

61 200.2 154.4 231.6

98 70.2 50.0 75.0





#19

Isopropyl Alcohol

Concen: 0.466 ppbv

RT: 3.597 min Scan# 309

Delta R.T. 0.016 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_1

ClientSampleId :

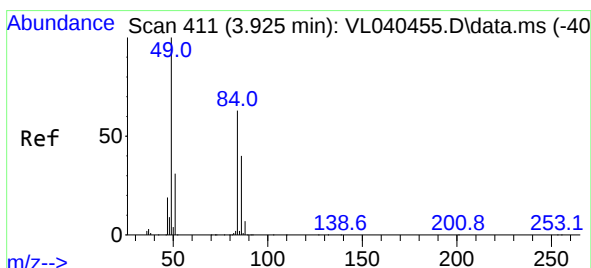
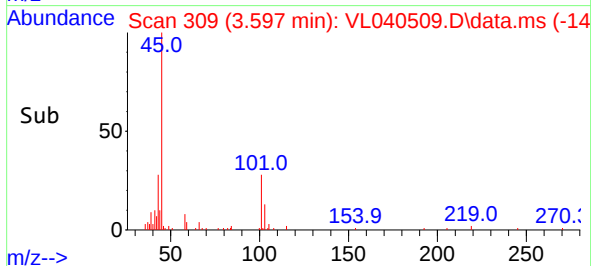
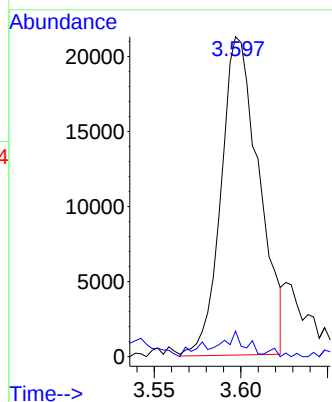
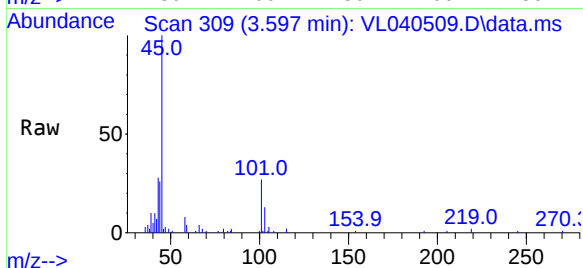
VSTDICC0.5

Tgt Ion: 45 Resp: 32392

Ion Ratio Lower Upper

45 100

58 7.2 1.1 1.7#



#20

Methylene Chloride

Concen: 0.594 ppbv

RT: 3.941 min Scan# 416

Delta R.T. -0.000 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Tgt Ion: 84 Resp: 30611

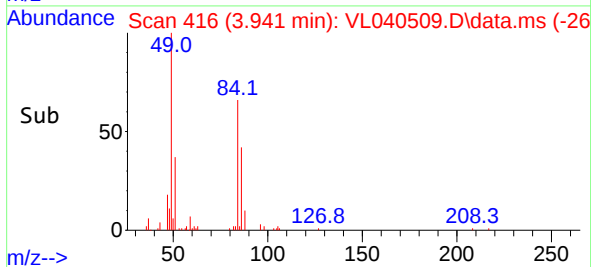
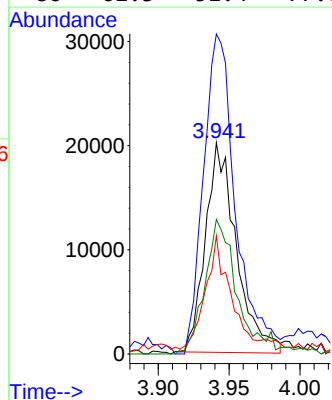
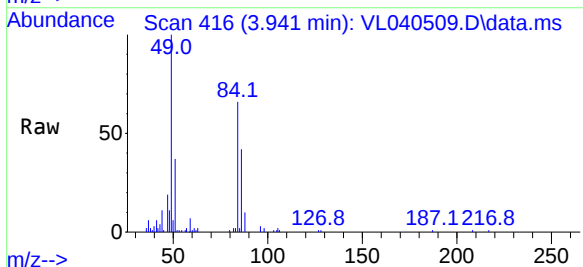
Ion Ratio Lower Upper

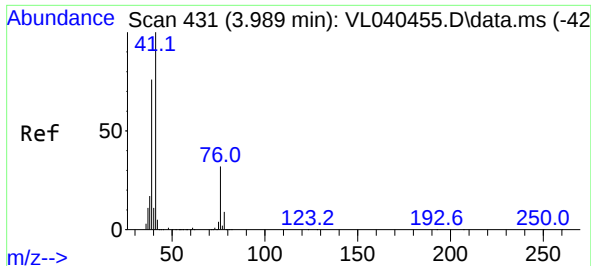
84 100

49 153.0 123.4 185.2

51 54.0 38.3 57.5

86 62.3 51.4 77.0

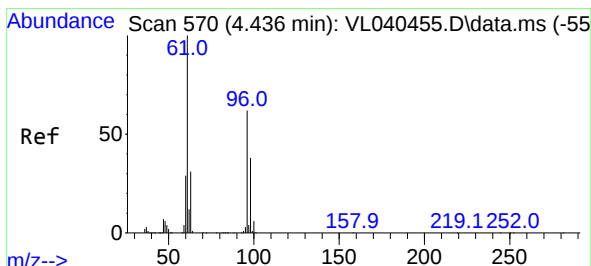
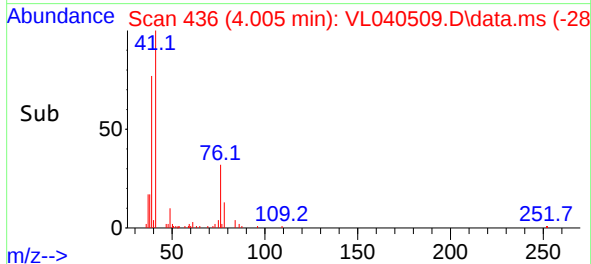
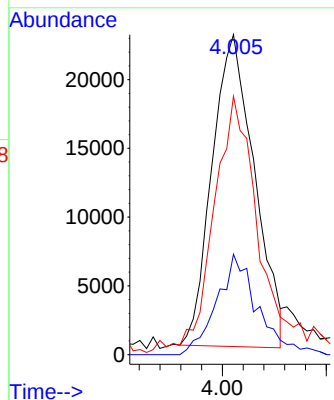
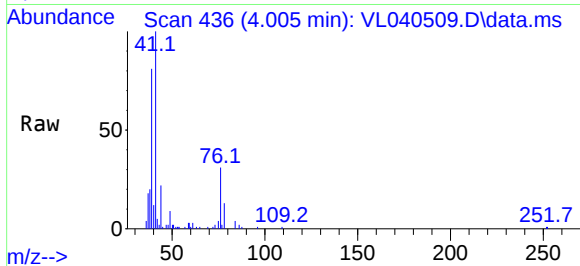




#21
 Allyl Chloride
 Concen: 0.464 ppbv
 RT: 4.005 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

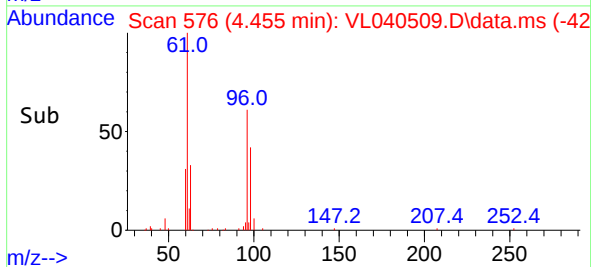
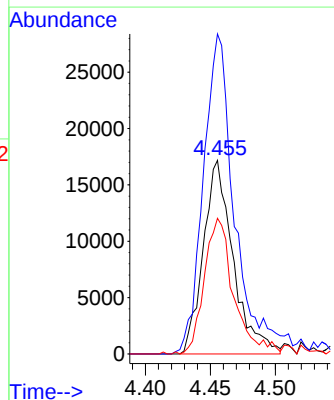
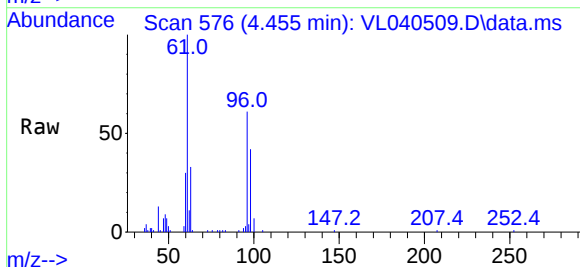
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

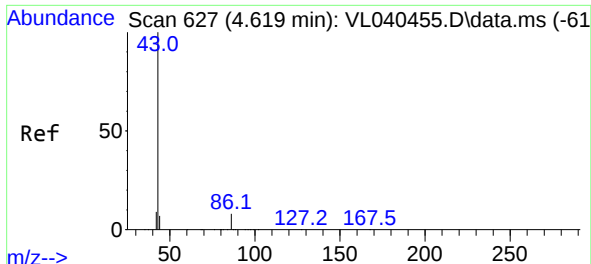
Tgt Ion: 41 Resp: 32120
 Ion Ratio Lower Upper
 41 100
 76 31.3 24.8 37.2
 39 93.0 60.6 91.0#



#22
 trans-1,2-Dichloroethene
 Concen: 0.507 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. 0.003 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

Tgt Ion: 96 Resp: 27506
 Ion Ratio Lower Upper
 96 100
 61 163.0 137.7 206.5
 98 70.1 52.9 79.3

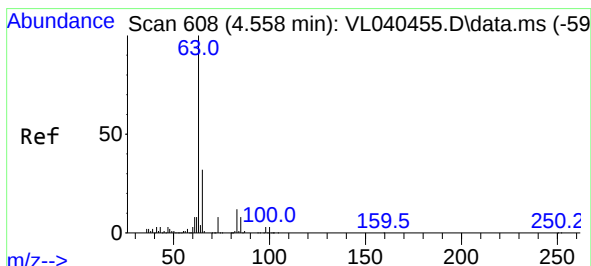
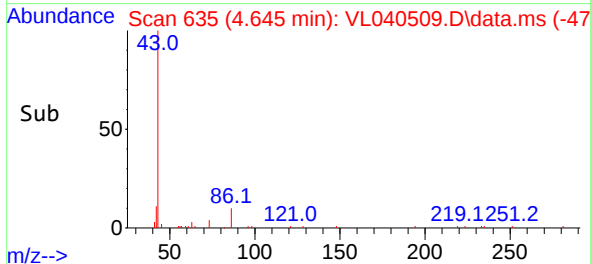
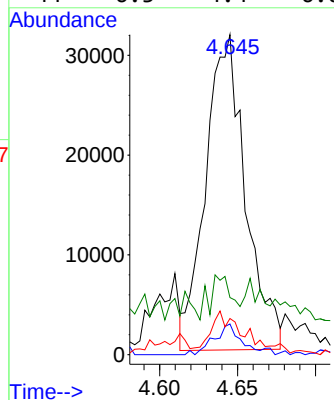
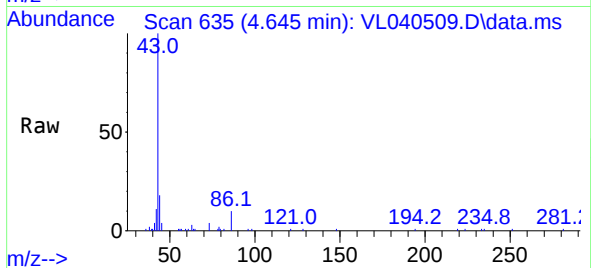




#23
Vinyl Acetate
Concen: 0.487 ppbv
RT: 4.645 min Scan# 611
Delta R.T. 0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

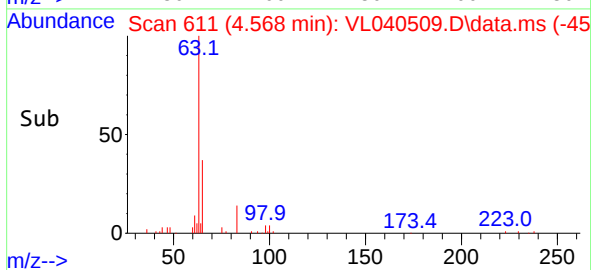
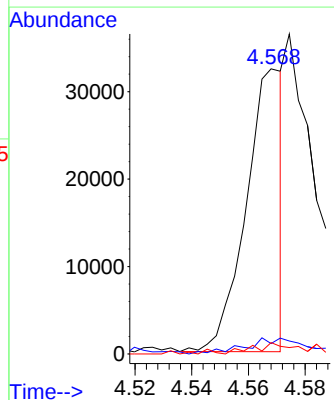
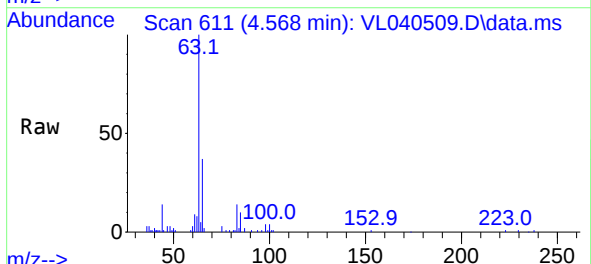
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

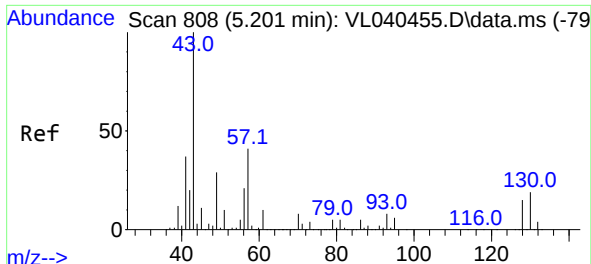
Tgt Ion: 43 Resp: 56212
Ion Ratio Lower Upper
43 100
86 10.5 5.6 8.4#
42 8.6 7.4 11.2
44 6.3 4.4 6.6



#24
1,1-Dichloroethane
Concen: 0.246 ppbv
RT: 4.568 min Scan# 611
Delta R.T. -0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 63 Resp: 28887
Ion Ratio Lower Upper
63 100
98 2.9 1.8 5.5
100 4.0 1.4 4.0



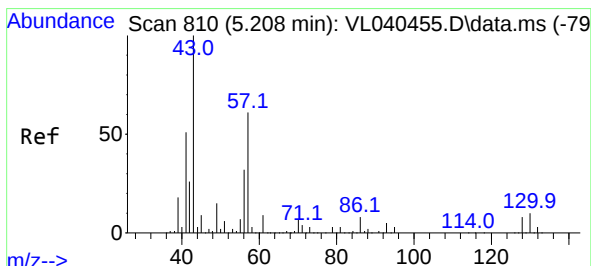
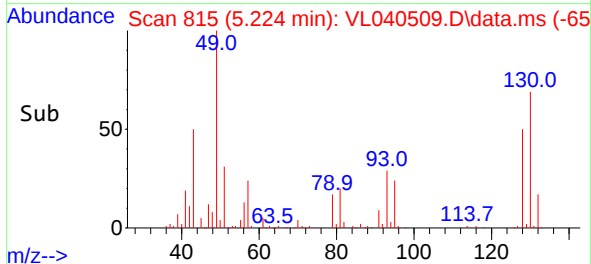
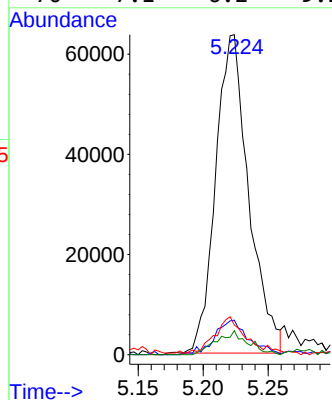
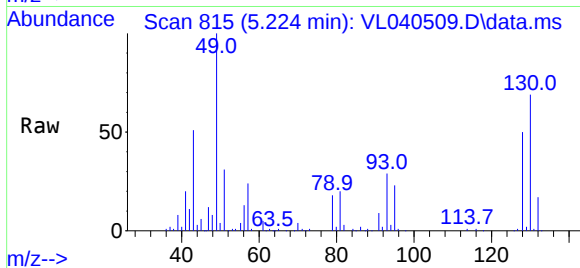


#25
Ethyl Acetate
Concen: 0.488 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.013 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 112685

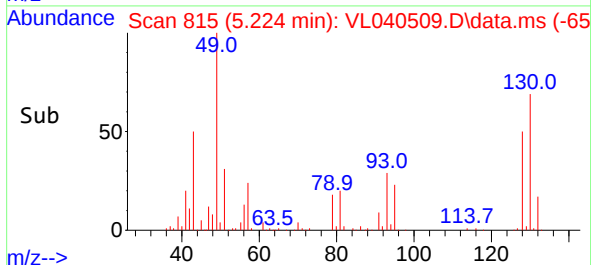
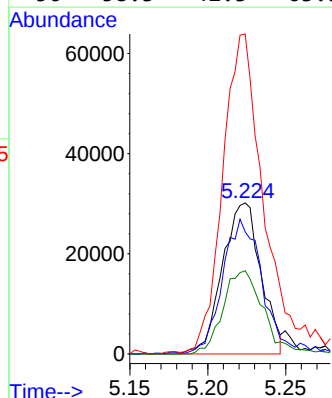
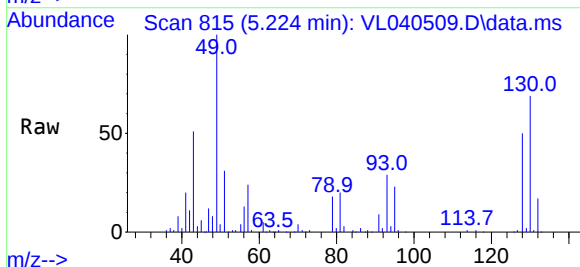
Ion	Ratio	Lower	Upper
43	100		
45	11.8	8.2	12.4
61	11.1	8.3	12.5
70	7.1	6.2	9.2

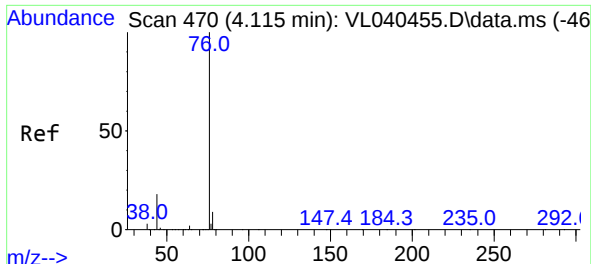


#26
Hexane
Concen: 0.484 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 57 Resp: 51892

Ion	Ratio	Lower	Upper
57	100		
41	97.3	69.5	104.3
43	237.6	177.1	265.7
56	58.3	42.3	63.5

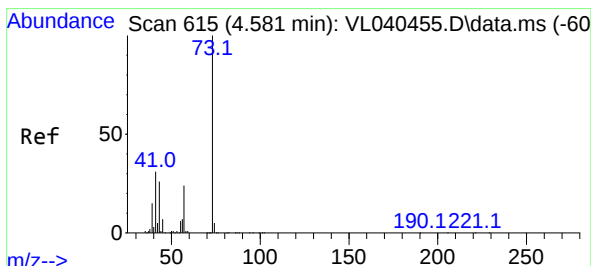
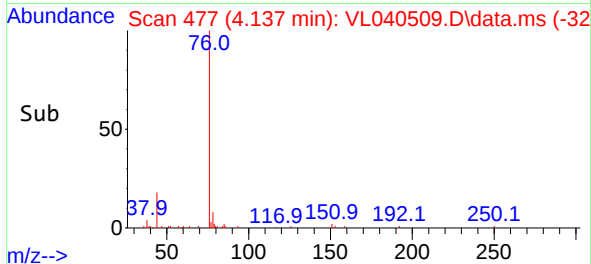
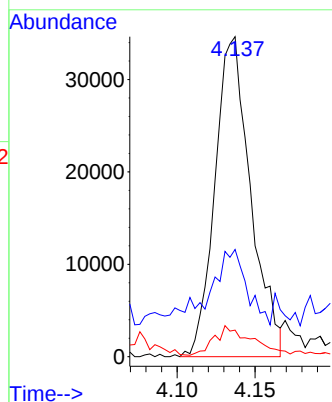
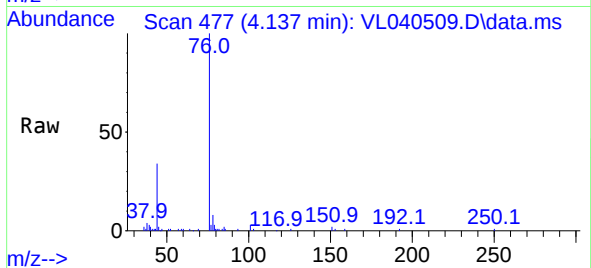




#27
Carbon Disulfide
Concen: 0.439 ppbv
RT: 4.137 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

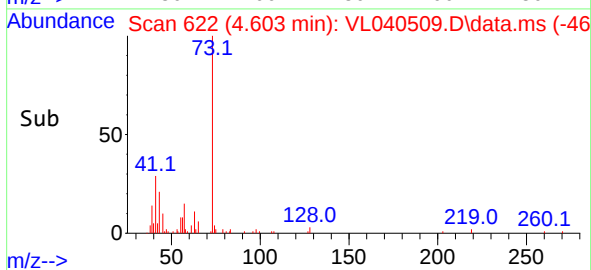
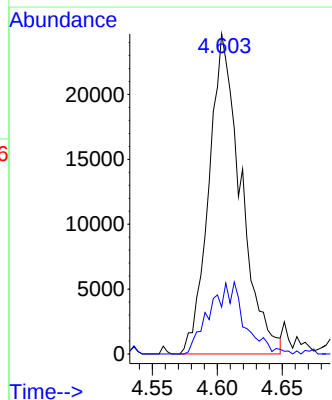
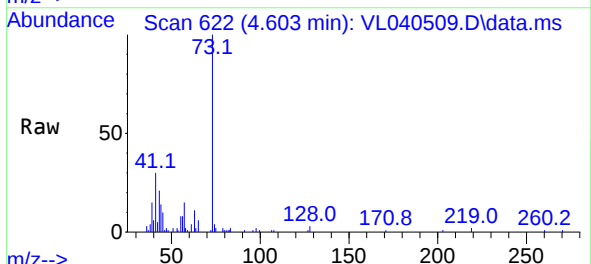
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

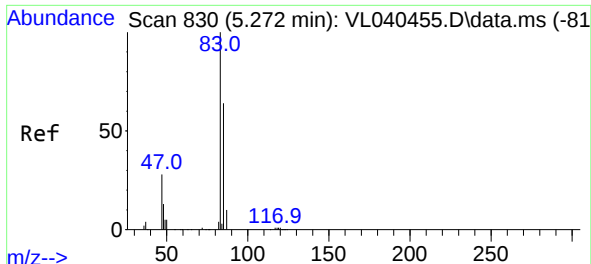
Tgt Ion: 76 Resp: 55313
Ion Ratio Lower Upper
76 100
44 30.5 15.1 22.7#
78 12.4 7.5 11.3#



#28
Methyl tert-Butyl Ether
Concen: 0.489 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 73 Resp: 42182
Ion Ratio Lower Upper
73 100
57 25.0 18.8 28.2





#29

Chloroform

Concen: 0.512 ppbv

RT: 5.282 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

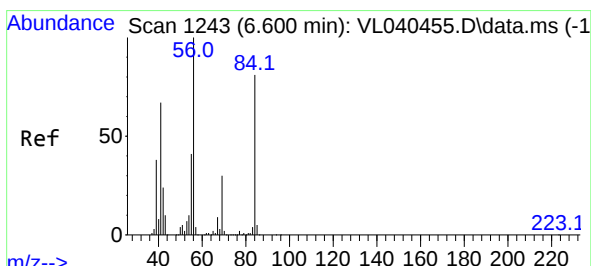
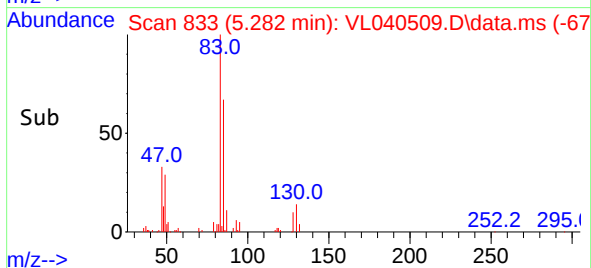
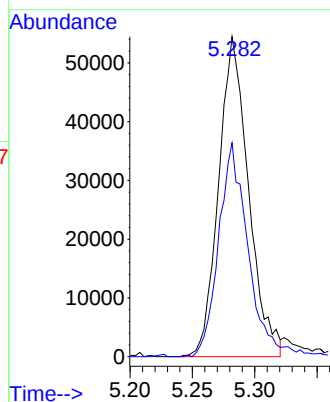
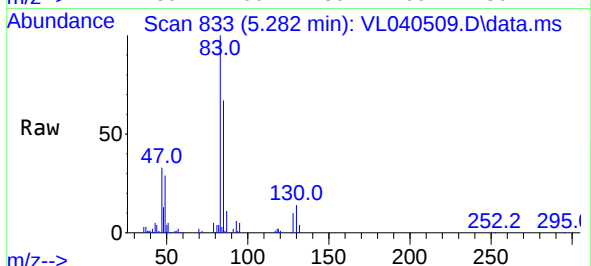
VSTDICC0.5

Tgt Ion: 83 Resp: 91055

Ion Ratio Lower Upper

83 100

85 66.8 51.1 76.7



#30

Cyclohexane

Concen: 0.418 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.003 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

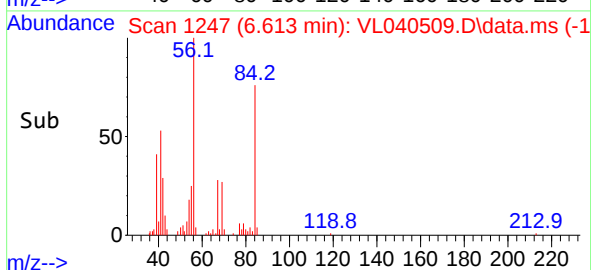
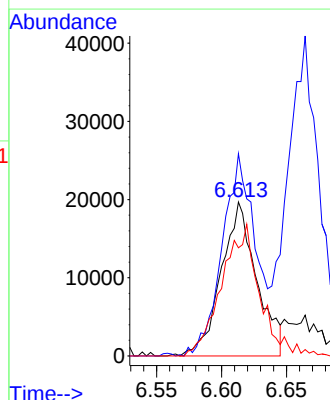
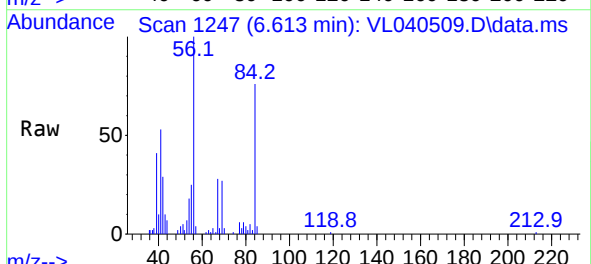
Tgt Ion: 84 Resp: 37289

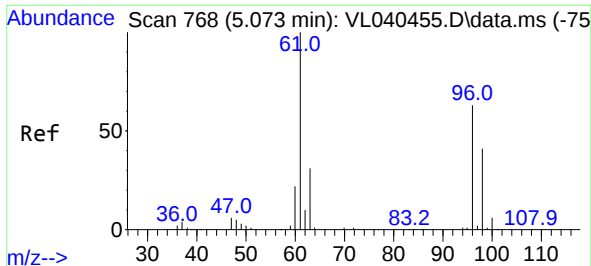
Ion Ratio Lower Upper

84 100

56 127.1 108.7 163.1

41 91.3 64.5 96.7

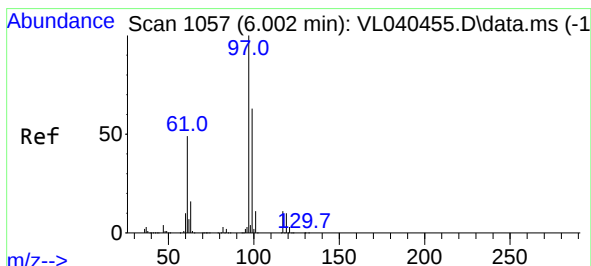
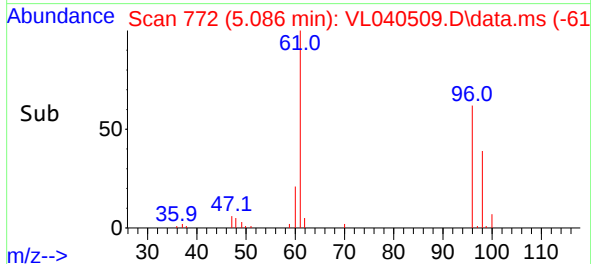
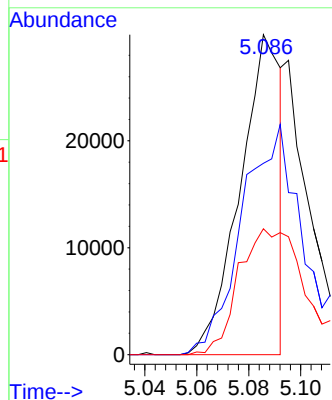
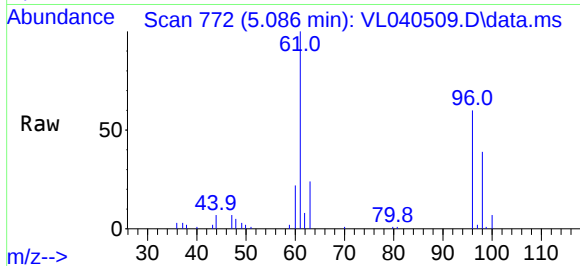




#31
 cis-1,2-Dichloroethene
 Concen: 0.306 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

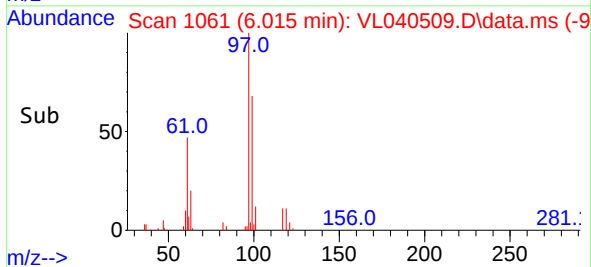
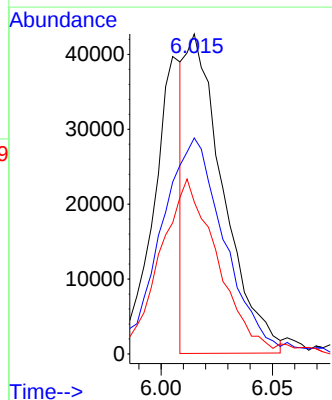
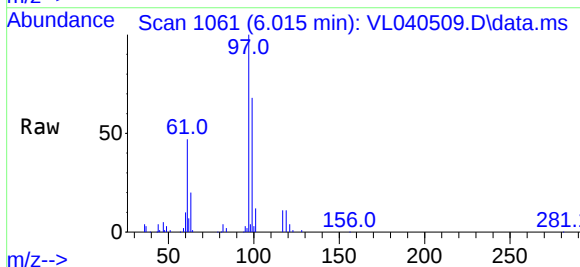
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

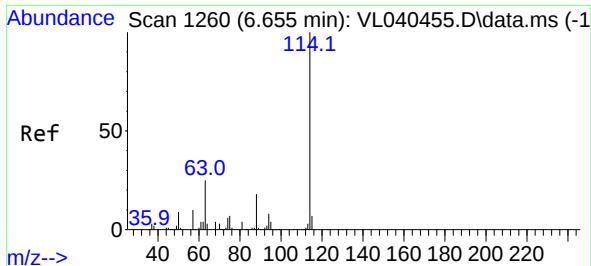
Tgt Ion: 61 Resp: 32413
 Ion Ratio Lower Upper
 61 100
 96 59.8 54.7 82.1
 98 39.4 34.6 52.0



#32
 1,1,1-Trichloroethane
 Concen: 0.293 ppbv
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.003 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

Tgt Ion: 97 Resp: 50901
 Ion Ratio Lower Upper
 97 100
 99 115.3 52.0 78.0#
 61 85.8 38.9 58.3#

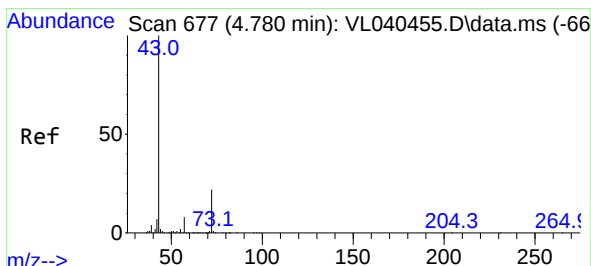
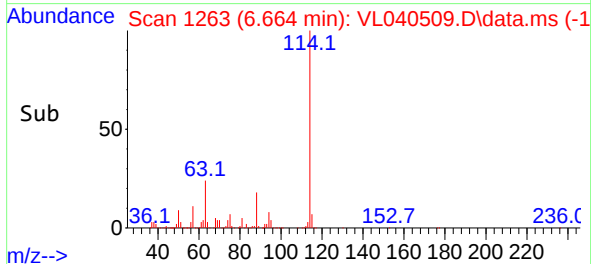
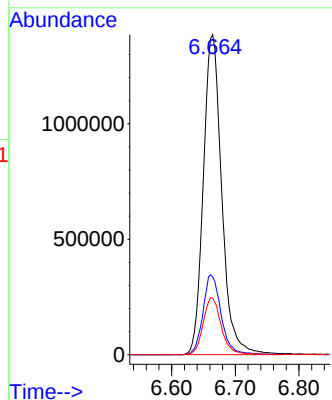
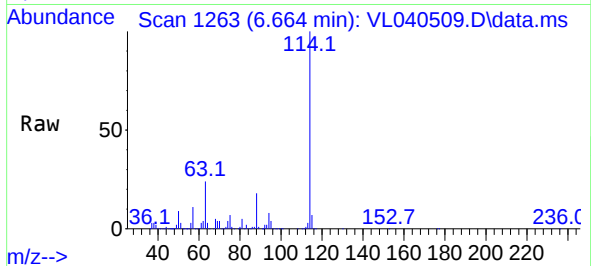




#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 11
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

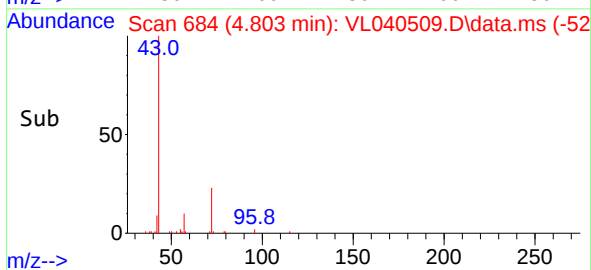
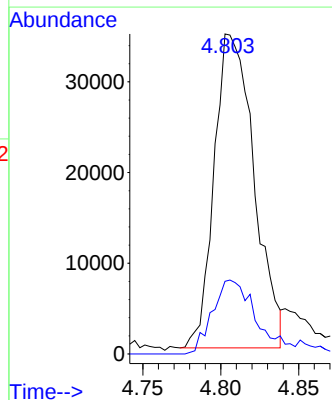
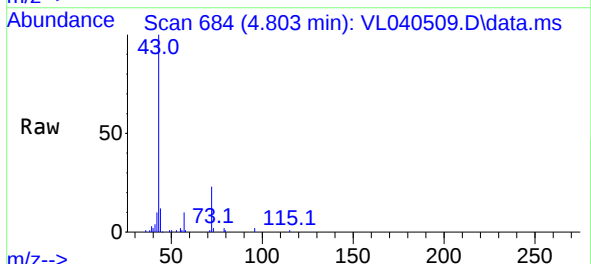
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

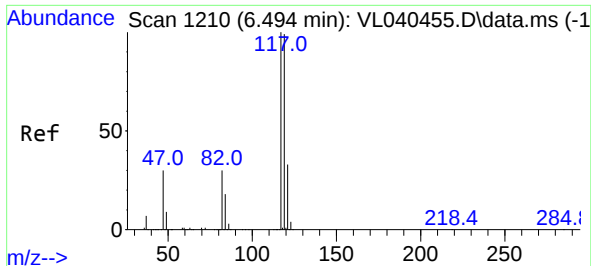
Tgt Ion:114 Resp: 2791013
Ion Ratio Lower Upper
114 100
63 24.8 19.6 29.4
88 17.6 14.2 21.2



#34
2-Butanone
Concen: 0.447 ppbv
RT: 4.803 min Scan# 684
Delta R.T. 0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 43 Resp: 61627
Ion Ratio Lower Upper
43 100
72 28.2 19.1 28.7

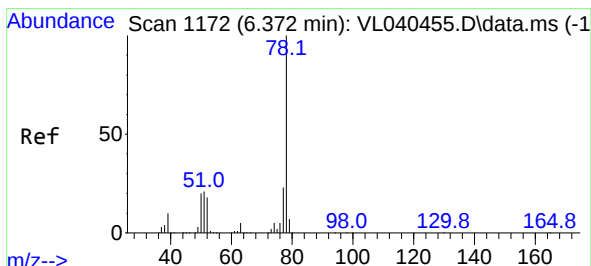
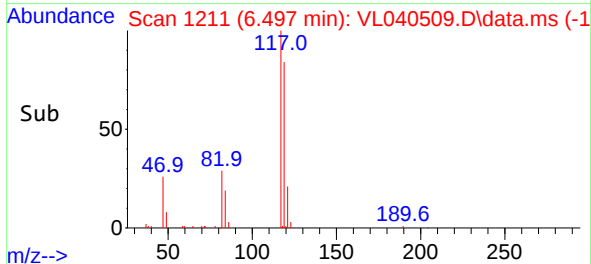
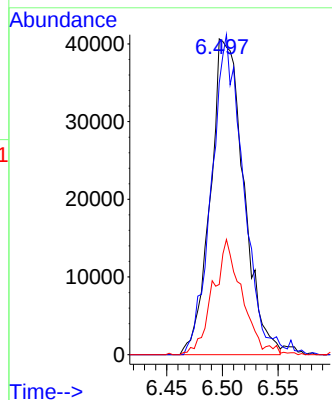
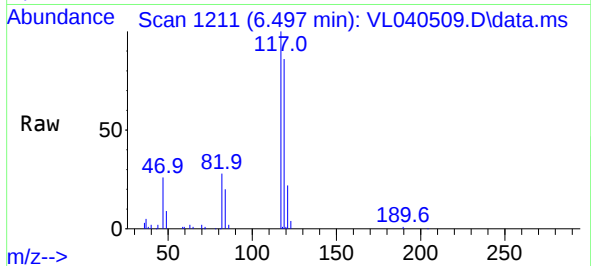




#35
Carbon Tetrachloride
Concen: 0.503 ppbv
RT: 6.497 min Scan# 1175
Delta R.T. -0.007 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

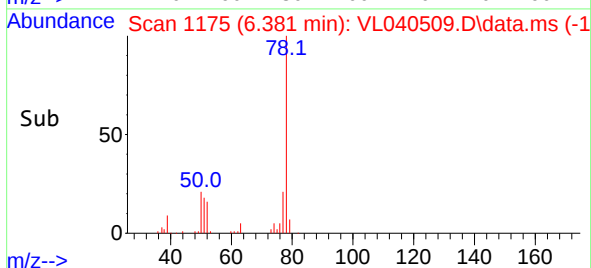
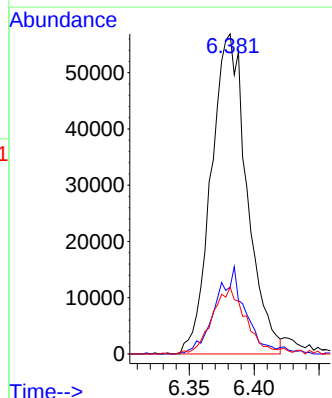
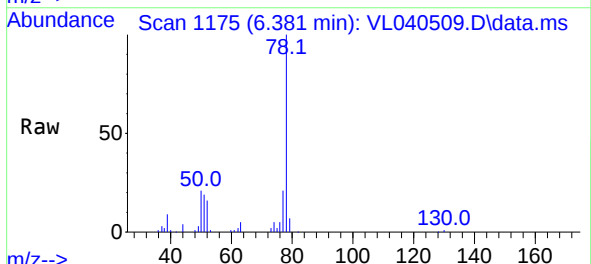
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

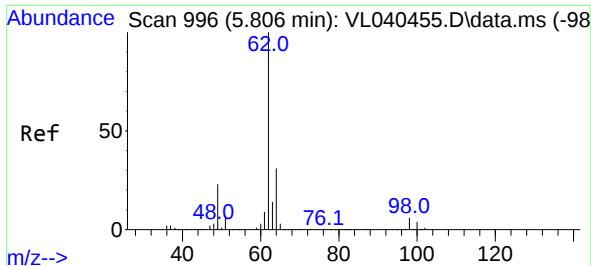
Tgt Ion:117 Resp: 84417
Ion Ratio Lower Upper
117 100
119 86.1 77.8 116.6
121 22.3 24.8 37.2#



#36
Benzene
Concen: 0.485 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 78 Resp: 108834
Ion Ratio Lower Upper
78 100
77 20.5 17.4 26.0
50 20.5 14.4 21.6

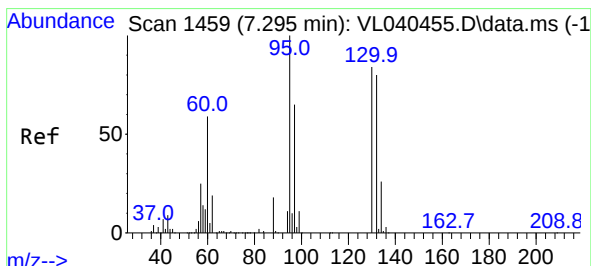
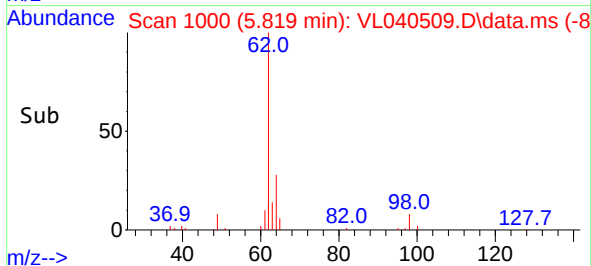
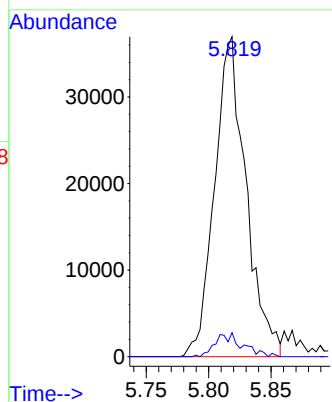
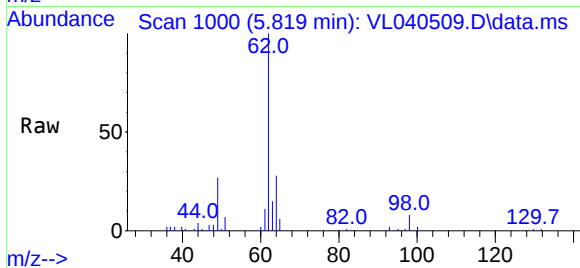




#37
1,2-Dichloroethane
Concen: 0.491 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

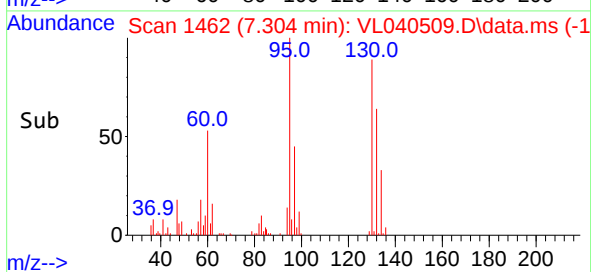
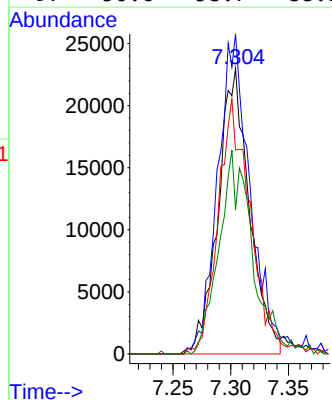
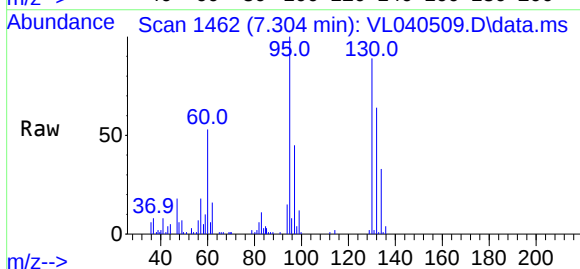
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

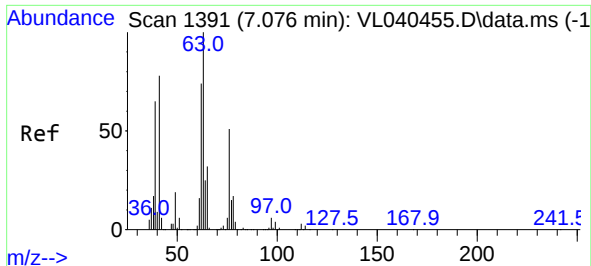
Tgt Ion: 62 Resp: 64855
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7



#38
Trichloroethene
Concen: 0.511 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion:130 Resp: 43445
Ion Ratio Lower Upper
130 100
95 112.1 90.2 135.2
132 71.5 76.3 114.5#
97 50.6 58.7 88.1#





#39

1,2-Dichloropropane

Concen: 0.509 ppbv

RT: 7.079 min Scan# 11

Delta R.T. -0.003 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

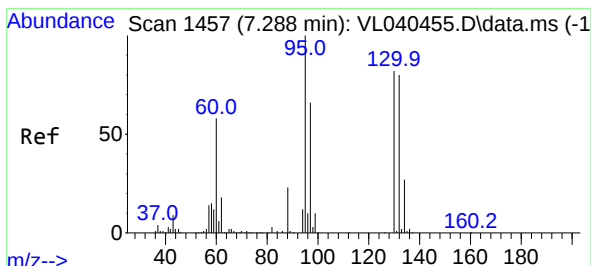
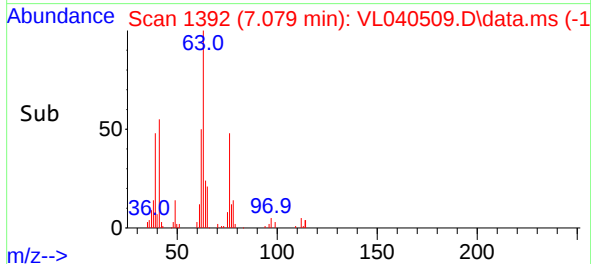
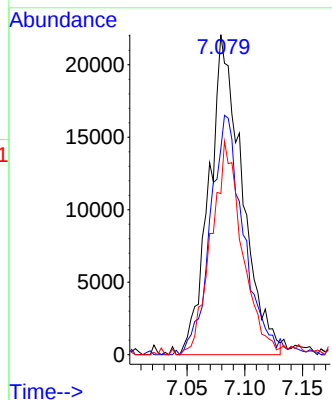
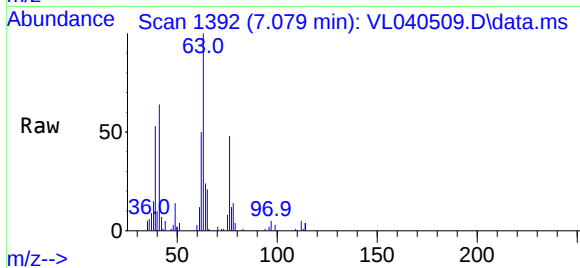
Tgt Ion: 63 Resp: 44016

Ion Ratio Lower Upper

63 100

41 64.4 54.3 81.5

62 50.3 55.6 83.4#



#40

1,4-Dioxane

Concen: 0.041 ppbv

RT: 7.311 min Scan# 1464

Delta R.T. 0.013 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Tgt Ion: 88 Resp: 1099

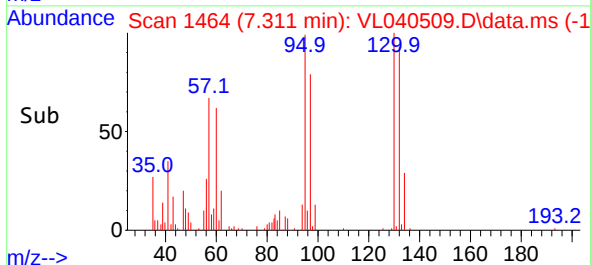
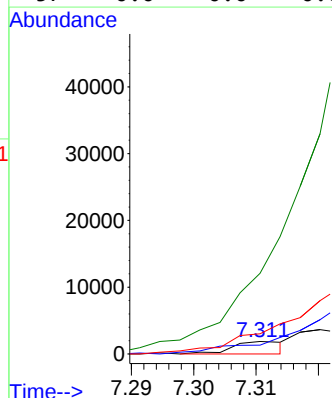
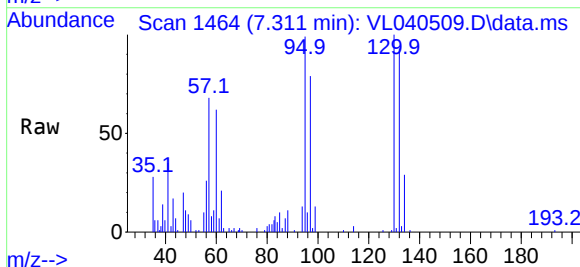
Ion Ratio Lower Upper

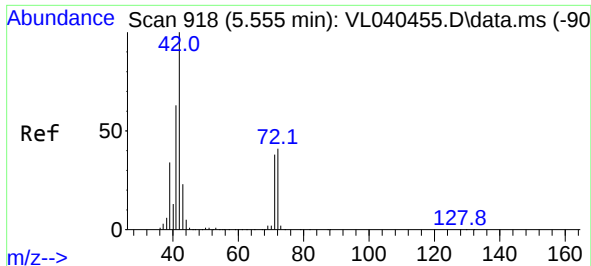
88 100

58 0.0 58.6 88.0#

43 0.0 0.0 0.0

57 0.0 0.0 0.0





#41

Tetrahydrofuran

Concen: 0.392 ppbv

RT: 5.590 min Scan# 918

Delta R.T. 0.026 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

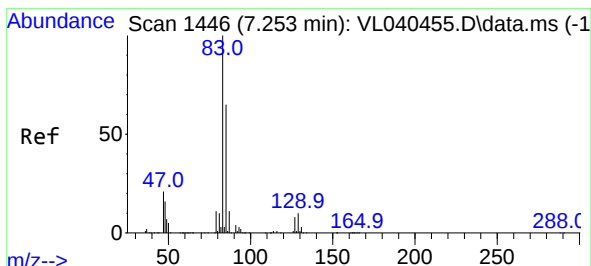
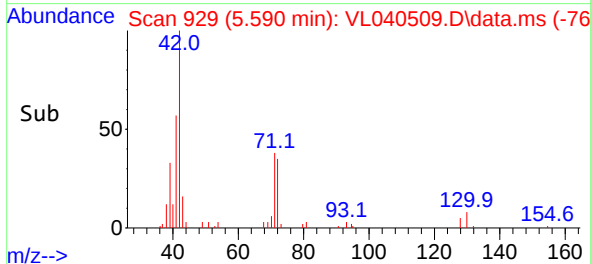
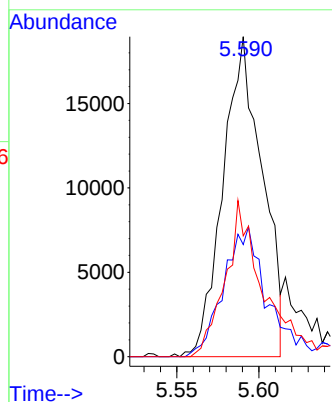
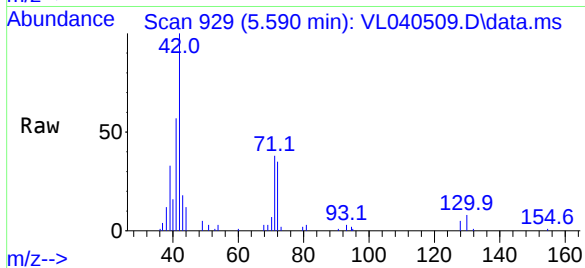
Tgt Ion: 42 Resp: 31513

Ion Ratio Lower Upper

42 100

72 44.6 33.8 50.8

71 49.8 33.0 49.6#



#42

Bromodichloromethane

Concen: 0.457 ppbv

RT: 7.259 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

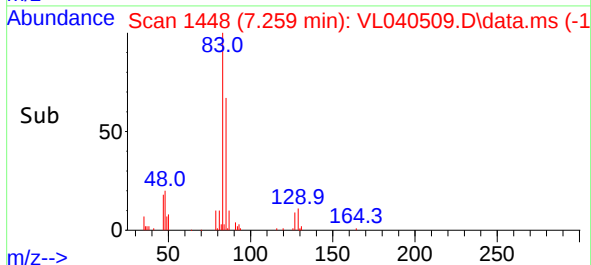
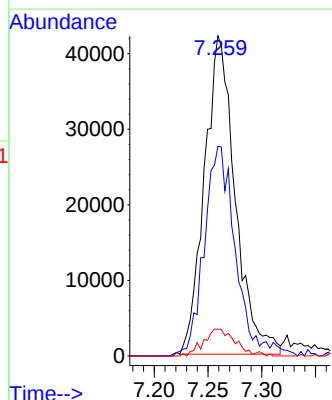
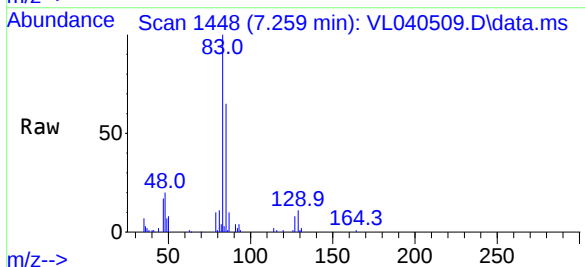
Tgt Ion: 83 Resp: 83946

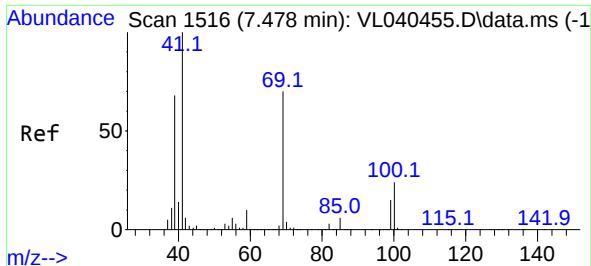
Ion Ratio Lower Upper

83 100

85 64.4 51.1 76.7

127 8.4 6.5 9.7

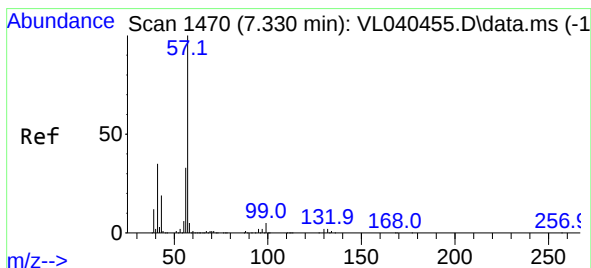
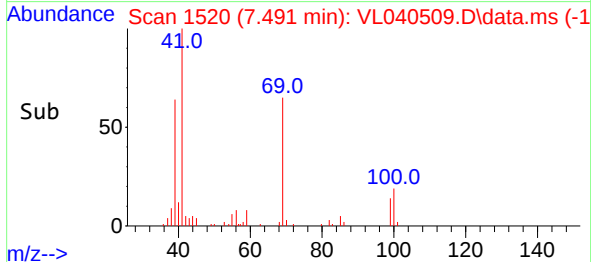
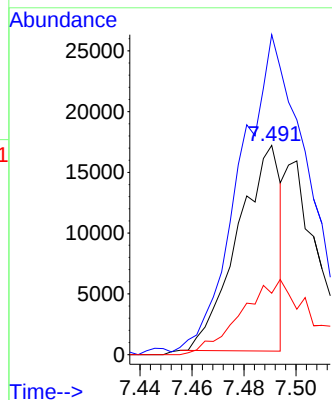
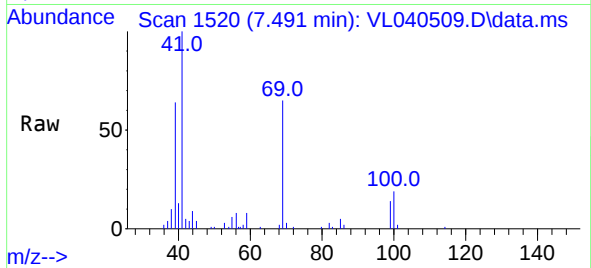




#43
Methyl Methacrylate
Concen: 0.231 ppbv
RT: 7.491 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

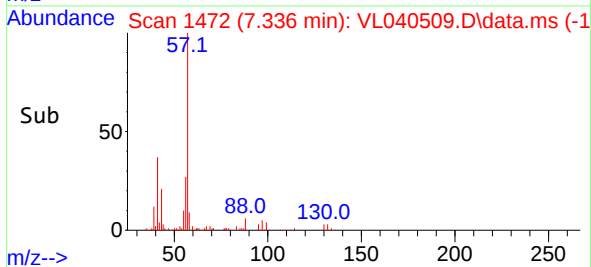
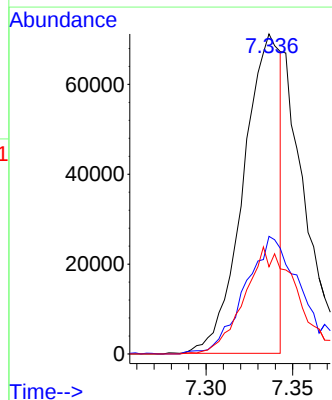
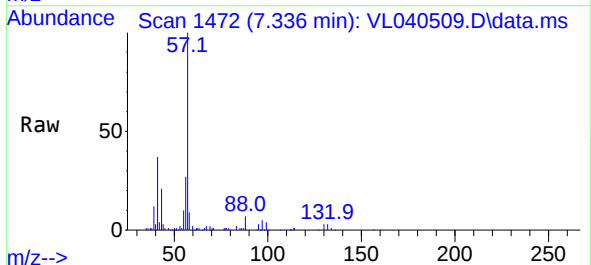
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

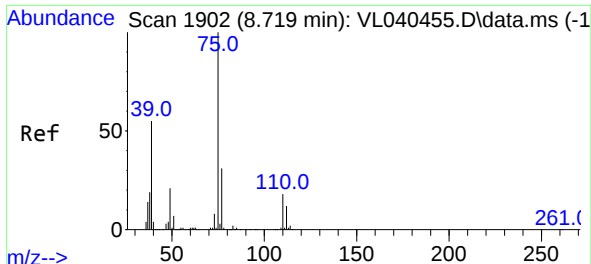
Tgt Ion: 69 Resp: 19398
Ion Ratio Lower Upper
69 100
41 267.7 111.7 167.5#
100 62.7 26.9 40.3#



#44
2,2,4-Trimethylpentane
Concen: 0.292 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 57 Resp: 105584
Ion Ratio Lower Upper
57 100
41 57.8 25.5 38.3#
56 49.2 25.1 37.7#





#45

t-1,3-Dichloropropene

Concen: 0.162 ppbv

RT: 8.729 min Scan# 1902

Delta R.T. 0.006 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_1

ClientSampleId :

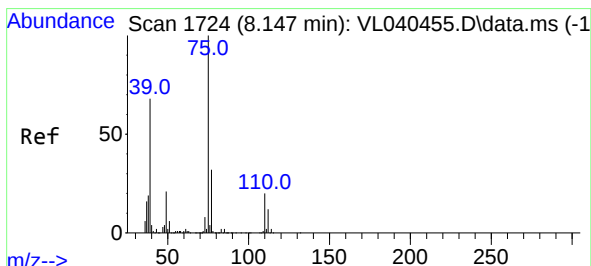
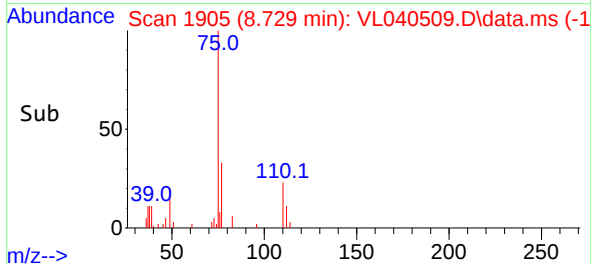
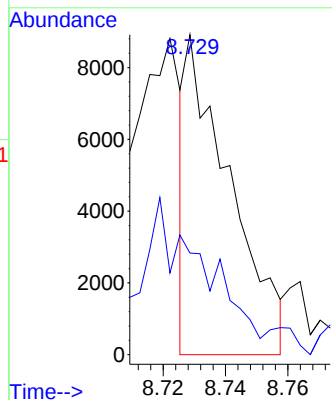
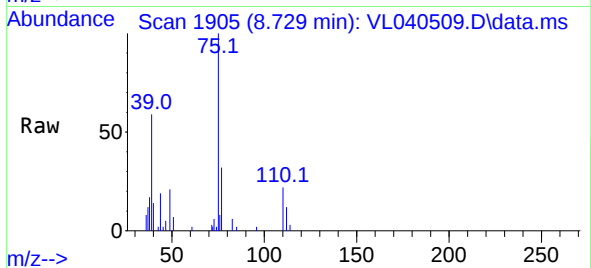
VSTDICC0.5

Tgt Ion: 75 Resp: 8730

Ion Ratio Lower Upper

75 100

77 31.7 26.0 39.0



#46

cis-1,3-Dichloropropene

Concen: 0.254 ppbv

RT: 8.153 min Scan# 1726

Delta R.T. -0.000 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

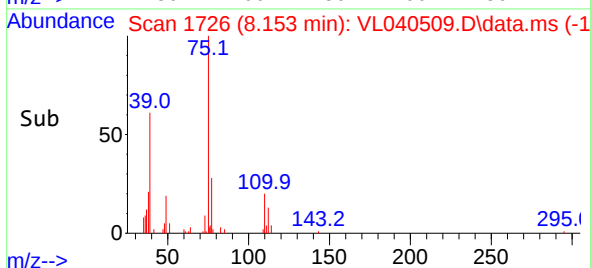
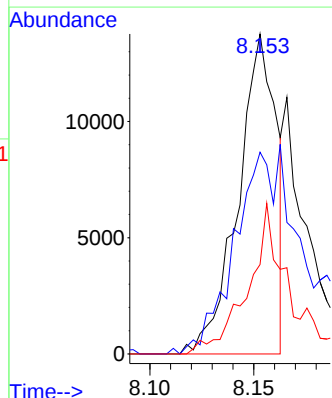
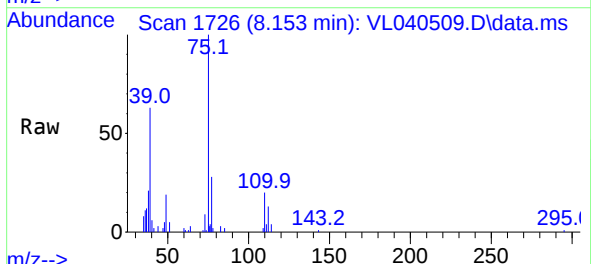
Tgt Ion: 75 Resp: 17601

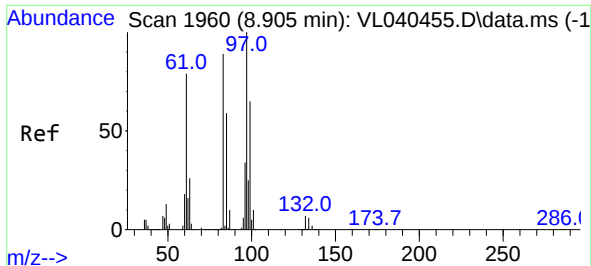
Ion Ratio Lower Upper

75 100

39 63.1 48.0 72.0

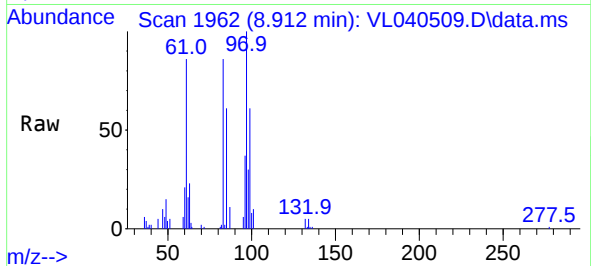
77 27.9 24.0 36.0



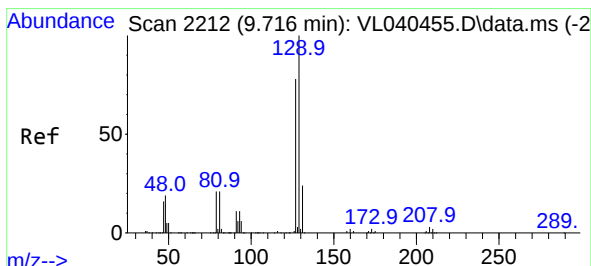
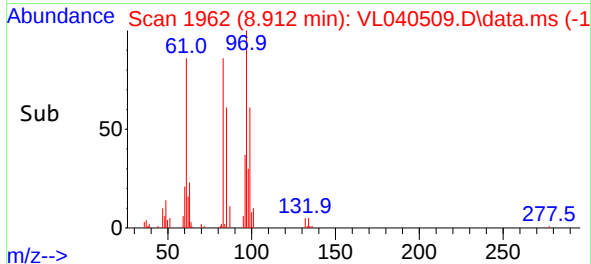
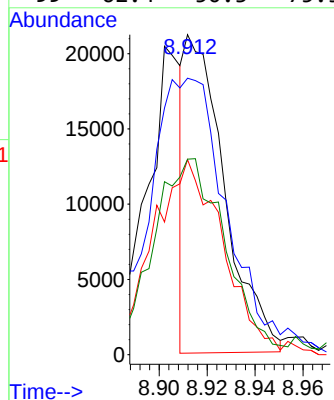


#47
1,1,2-Trichloroethane
Concen: 0.254 ppbv
RT: 8.912 min Scan# 1962
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

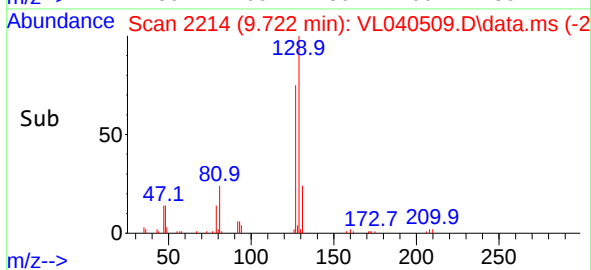
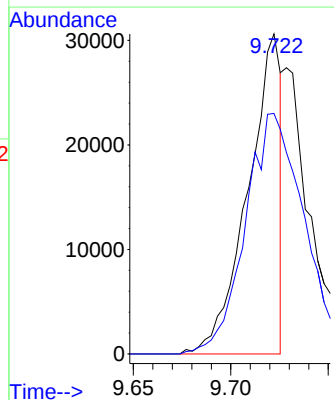
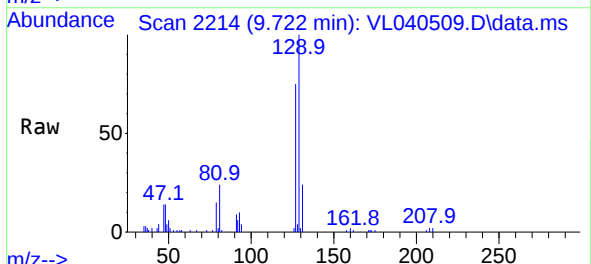


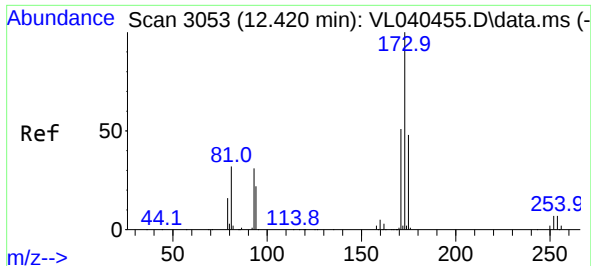
Tgt Ion: 97 Resp: 24235
Ion Ratio Lower Upper
97 100
83 86.0 73.4 110.0
85 63.8 46.6 70.0
99 62.4 50.3 75.5



#48
Dibromochloromethane
Concen: 0.244 ppbv
RT: 9.722 min Scan# 2214
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 129 Resp: 36030
Ion Ratio Lower Upper
129 100
127 138.2 39.1 117.3#

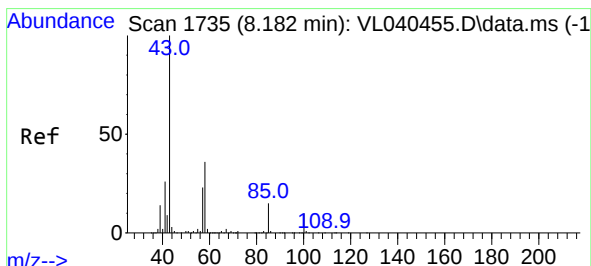
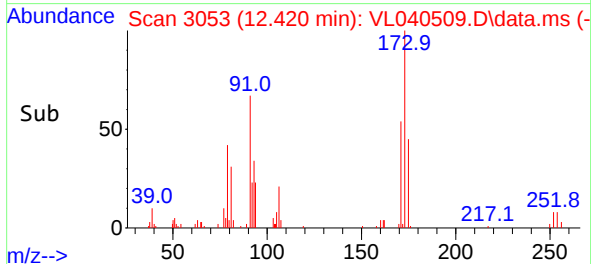
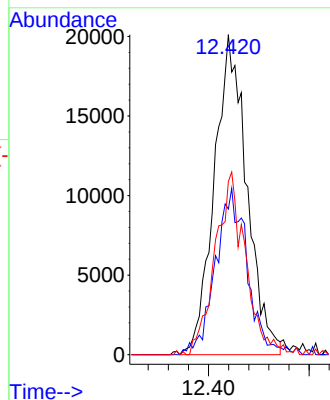
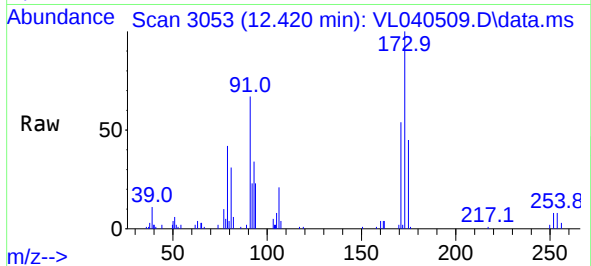




#49
Bromoform
Concen: 0.386 ppbv
RT: 12.420 min Scan# 3053
Delta R.T. -0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

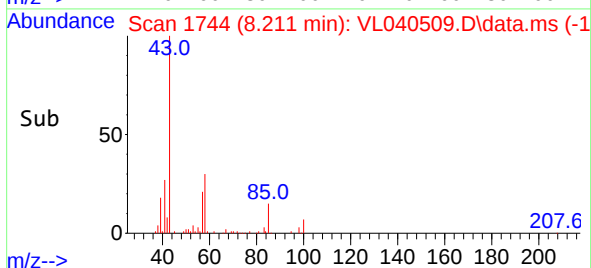
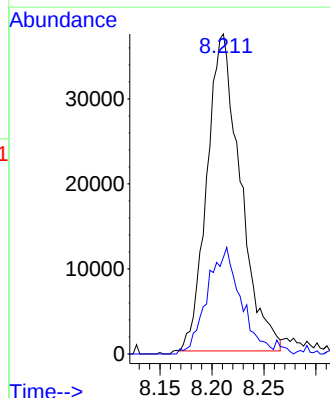
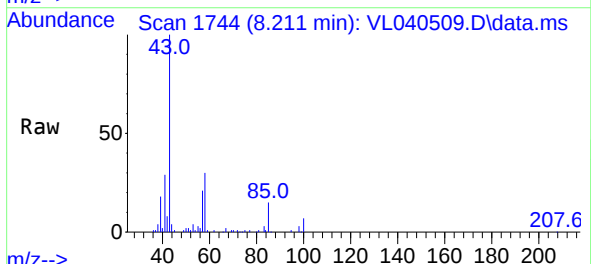
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

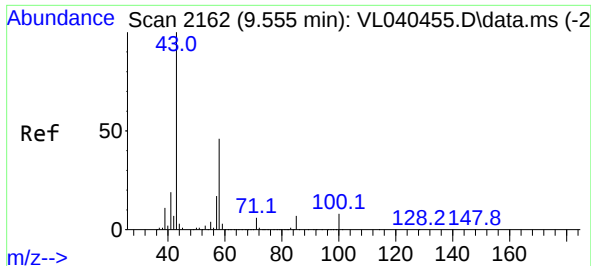
Tgt Ion:173 Resp: 45090
Ion Ratio Lower Upper
173 100
175 51.4 39.5 59.3
171 53.5 42.2 63.4



#50
4-Methyl-2-Pentanone
Concen: 0.417 ppbv
RT: 8.211 min Scan# 1744
Delta R.T. 0.019 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 43 Resp: 83557
Ion Ratio Lower Upper
43 100
58 35.4 30.2 45.2

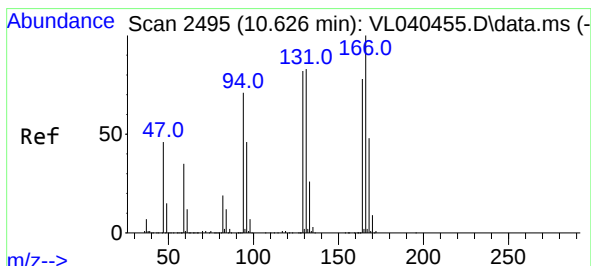
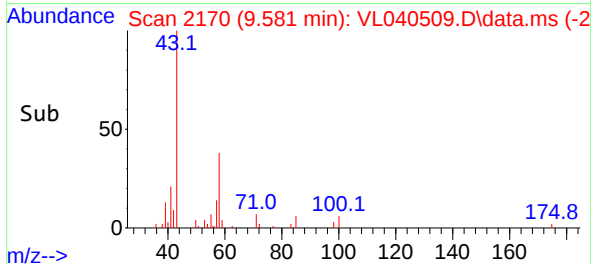
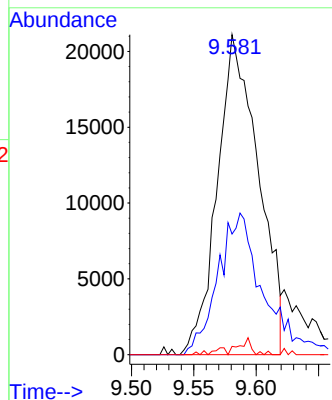
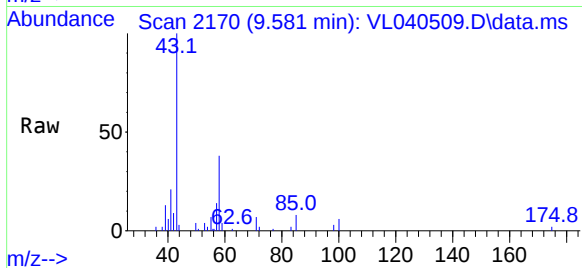




#51
2-Hexanone
Concen: 0.342 ppbv
RT: 9.581 min Scan# 2162
Delta R.T. 0.020 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

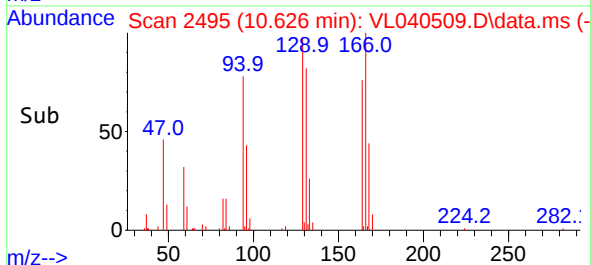
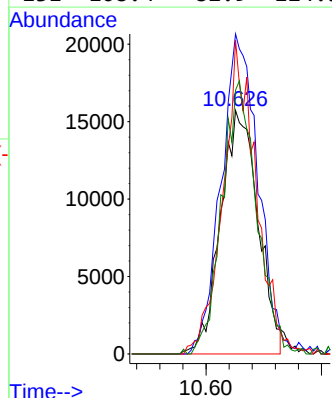
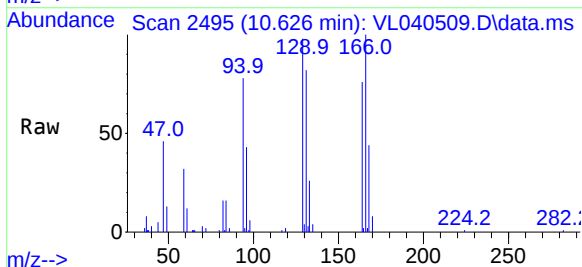
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

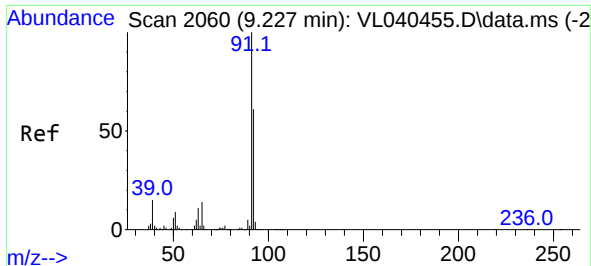
Tgt Ion: 43 Resp: 48480
Ion Ratio Lower Upper
43 100
58 50.1 39.7 59.5
98 2.6 0.3 0.5#



#52
Tetrachloroethene
Concen: 0.486 ppbv
RT: 10.626 min Scan# 2495
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 164 Resp: 35355
Ion Ratio Lower Upper
164 100
166 131.4 103.9 155.9
129 128.8 84.6 126.8#
131 108.4 82.9 124.3

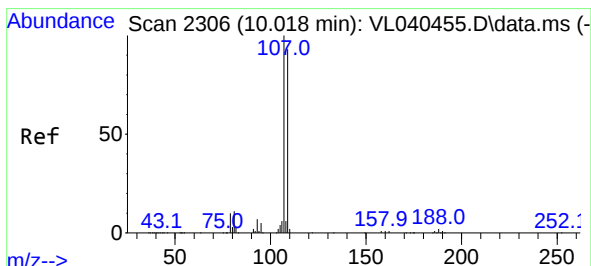
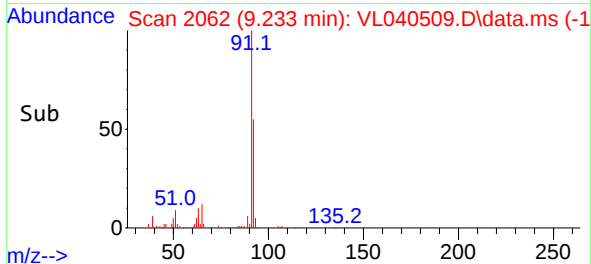
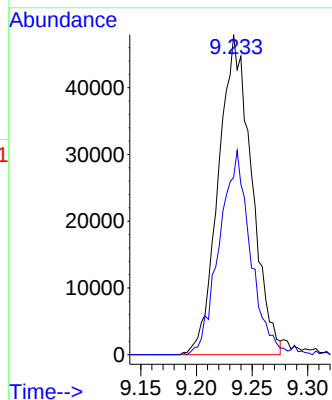
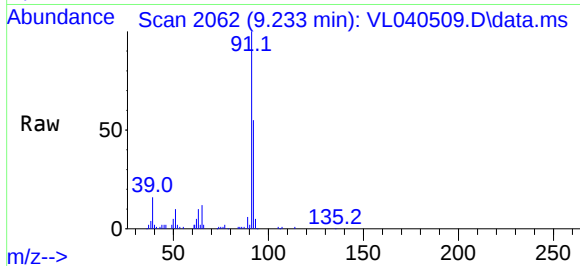




#53
Toluene
Concen: 0.407 ppbv
RT: 9.233 min Scan# 2060
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

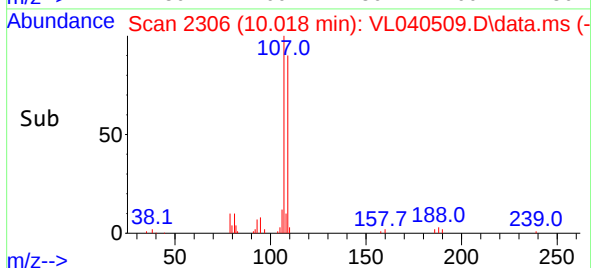
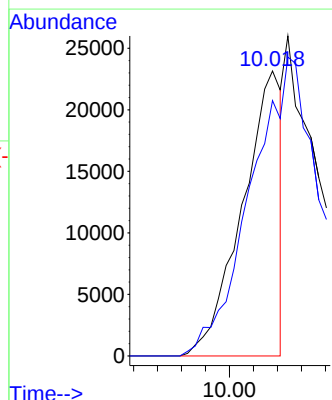
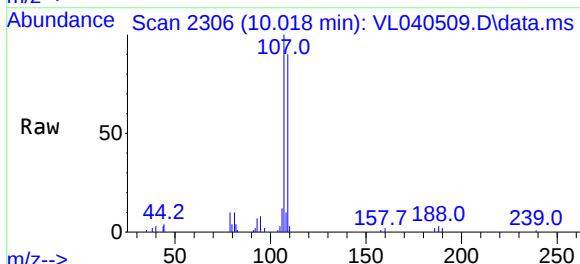
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

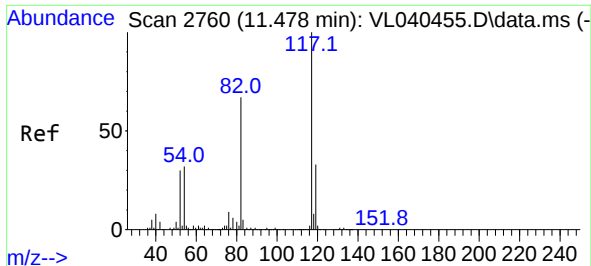
Tgt Ion: 91 Resp: 99300
Ion Ratio Lower Upper
91 100
92 60.7 49.1 73.7



#54
1,2-Dibromoethane
Concen: 0.222 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. -0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 107 Resp: 26290
Ion Ratio Lower Upper
107 100
109 89.6 75.4 113.2

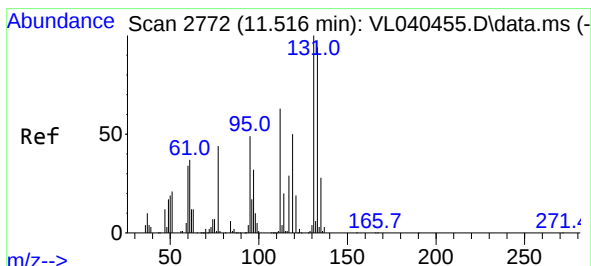
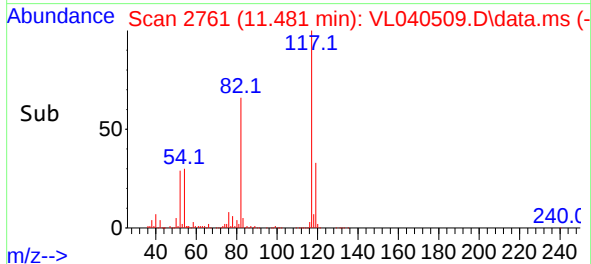
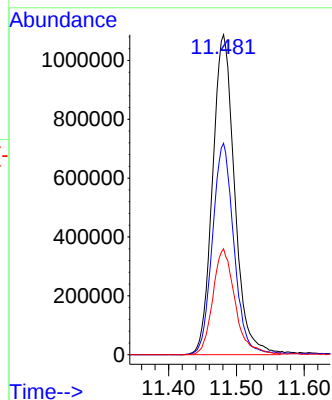
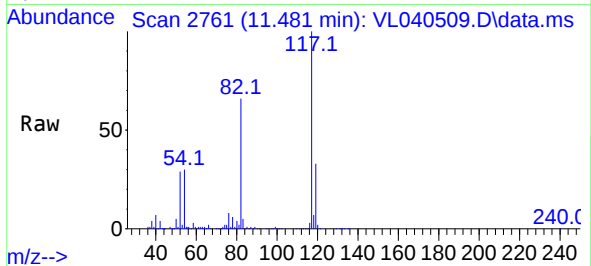




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

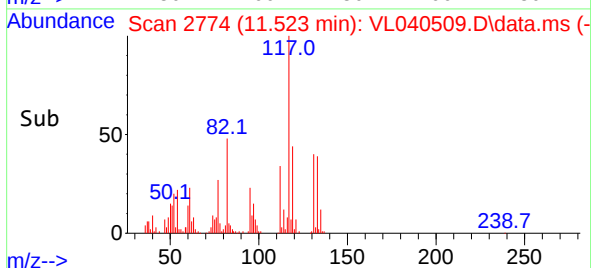
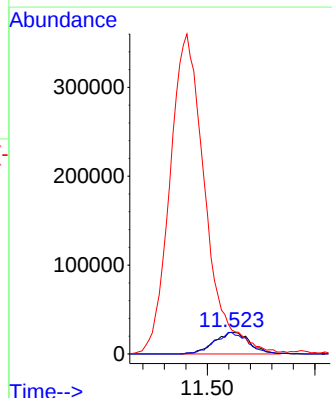
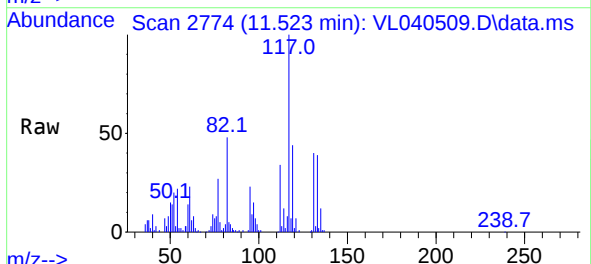
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

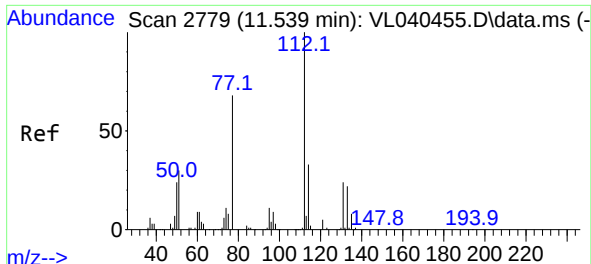
Tgt Ion:117 Resp: 2462600
Ion Ratio Lower Upper
117 100
82 65.3 50.2 75.4
119 33.4 26.9 40.3



#56
1,1,1,2-Tetrachloroethane
Concen: 0.507 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion:131 Resp: 55931
Ion Ratio Lower Upper
131 100
133 95.6 76.3 114.5
119 1481.9 51.1 76.7#

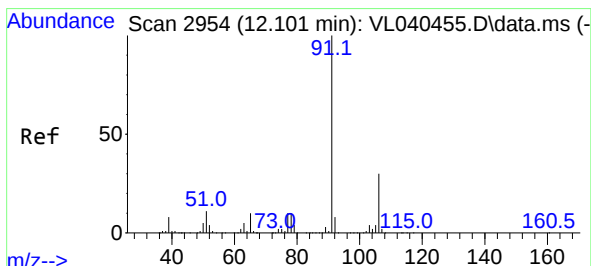
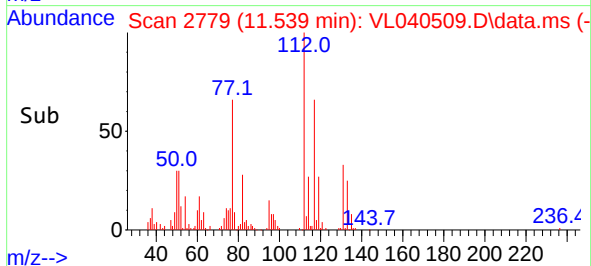
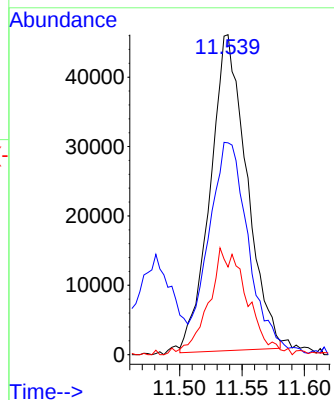
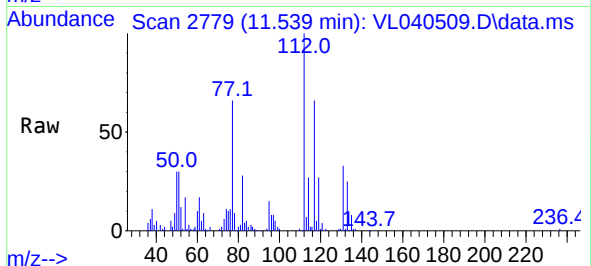




#57
Chlorobenzene
Concen: 0.484 ppbv
RT: 11.539 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

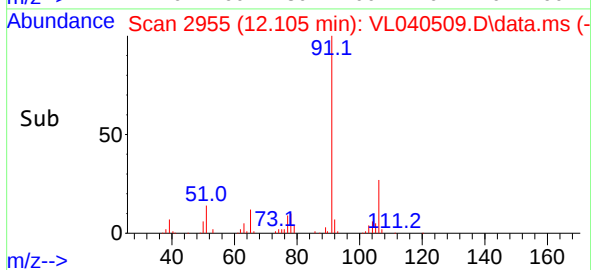
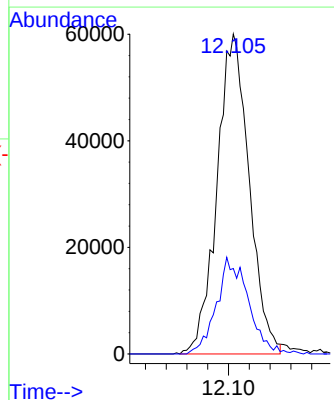
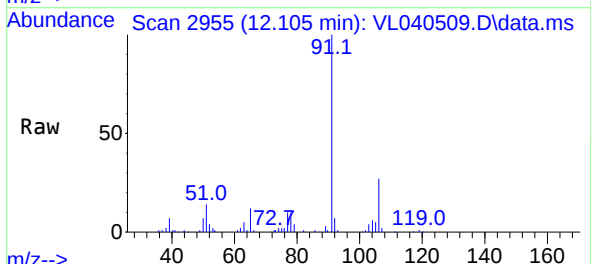
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

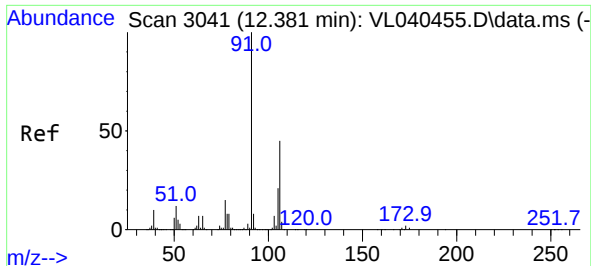
Tgt Ion:112 Resp: 92924
Ion Ratio Lower Upper
112 100
77 62.9 51.0 76.6
114 26.2 28.3 34.5#



#58
Ethyl Benzene
Concen: 0.417 ppbv
RT: 12.105 min Scan# 2955
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 91 Resp: 129011
Ion Ratio Lower Upper
91 100
106 26.7 25.4 38.0





#59

m/p-Xylene

Concen: 0.354 ppbv

RT: 12.388 min Scan# 3041

Delta R.T. 0.003 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

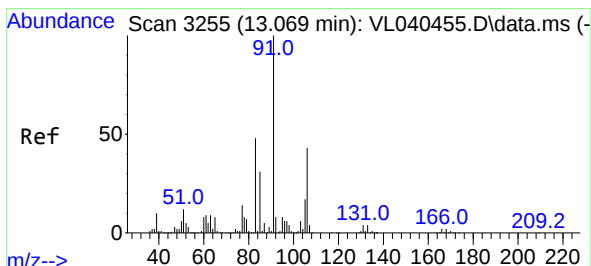
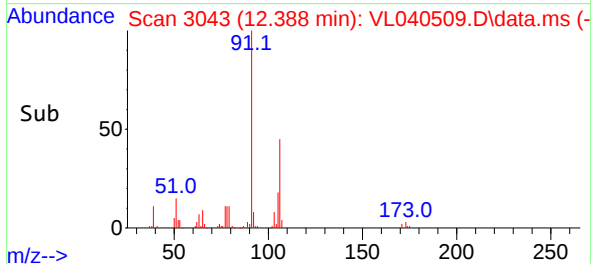
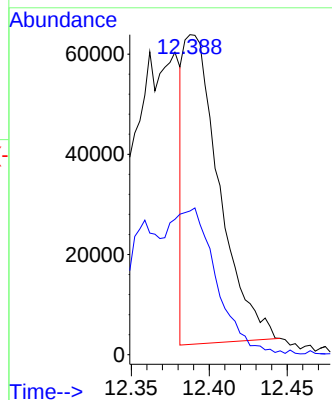
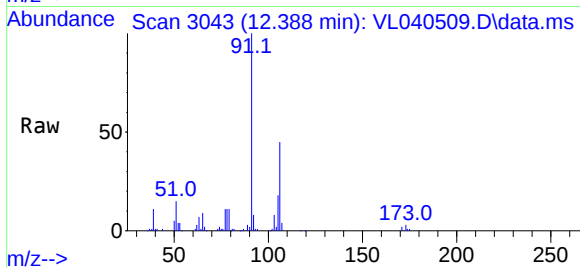
VSTDICC0.5

Tgt Ion: 91 Resp: 97640

Ion Ratio Lower Upper

91 100

106 108.8 35.9 53.9#



#60

o-Xylene

Concen: 0.438 ppbv

RT: 13.076 min Scan# 3257

Delta R.T. 0.006 min

Lab File: VL040509.D

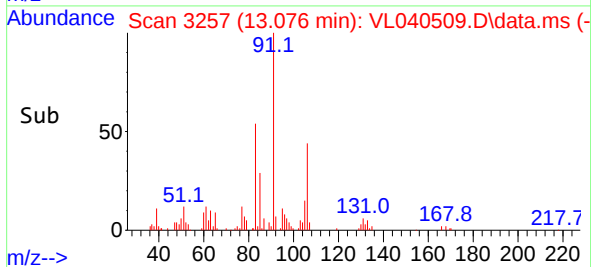
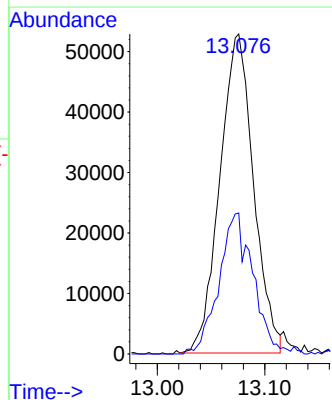
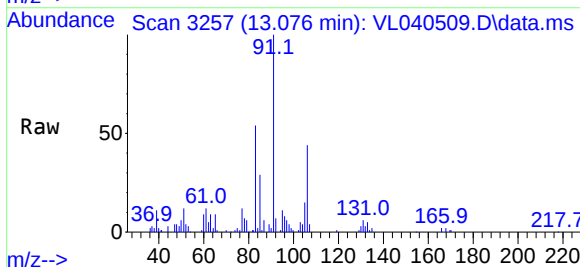
Acq: 10 Jul 2023 13:48

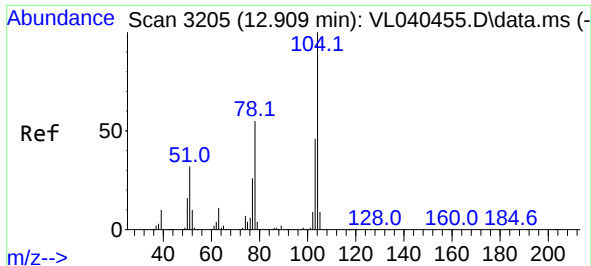
Tgt Ion: 91 Resp: 115008

Ion Ratio Lower Upper

91 100

106 45.0 22.7 68.0

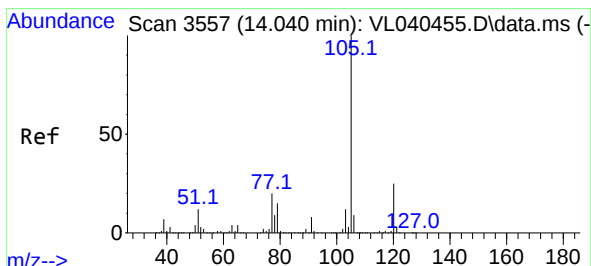
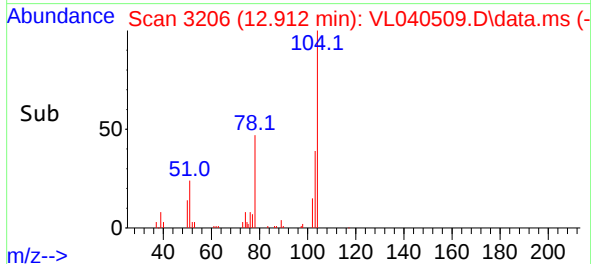
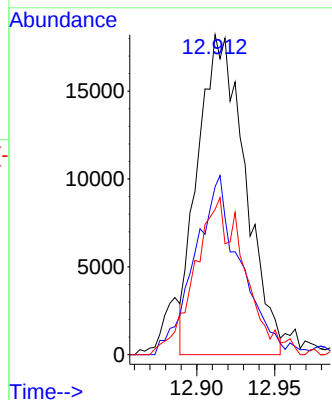
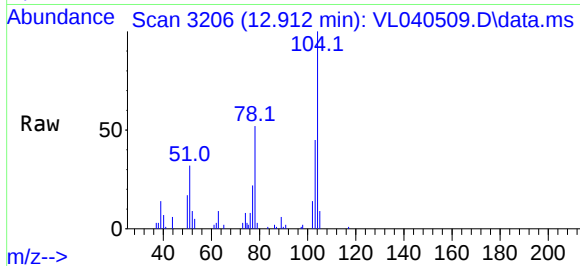




#61
Styrene
Concen: 0.317 ppbv
RT: 12.912 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

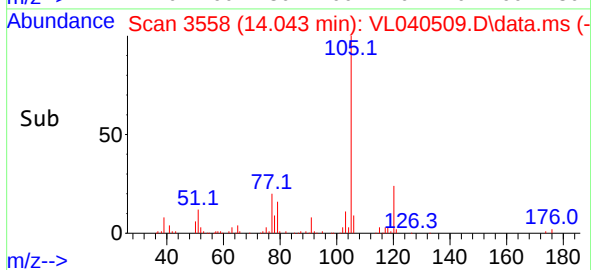
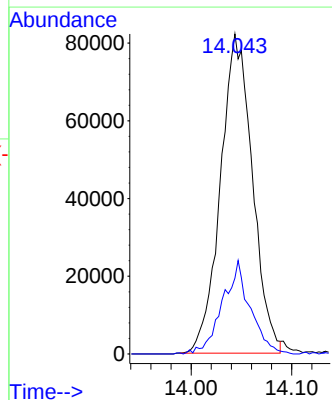
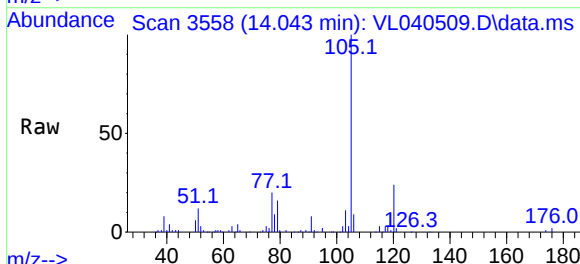
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

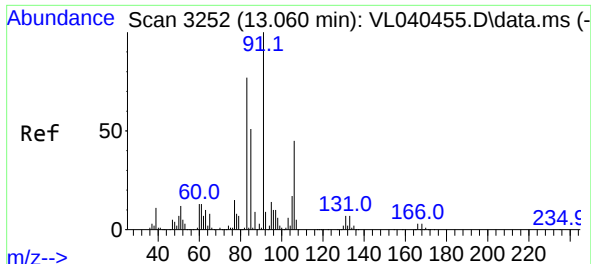
Tgt Ion:104 Resp: 38369
Ion Ratio Lower Upper
104 100
78 55.8 40.1 60.1
103 51.8 37.0 55.4



#62
Isopropylbenzene
Concen: 0.460 ppbv
RT: 14.043 min Scan# 3558
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion:105 Resp: 181273
Ion Ratio Lower Upper
105 100
120 25.5 20.8 31.2

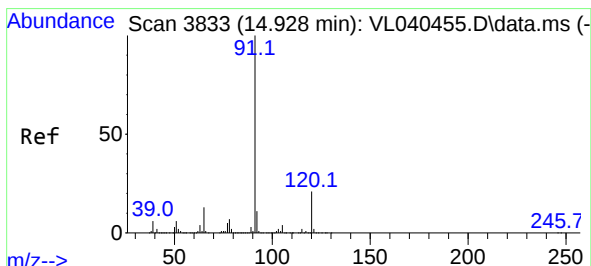
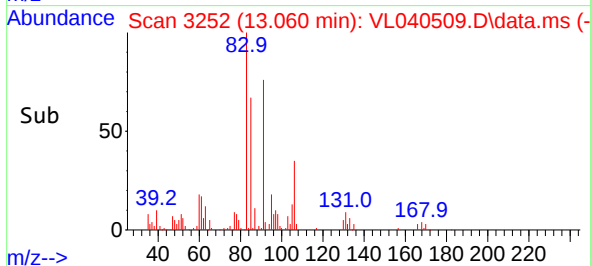
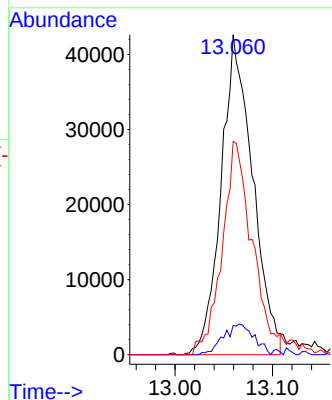
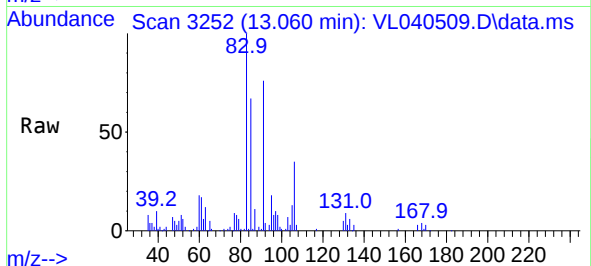




#63
1,1,2,2-Tetrachloroethane
Concen: 0.520 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

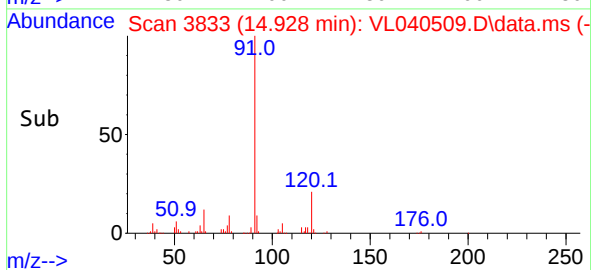
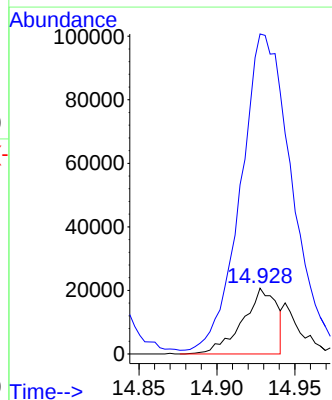
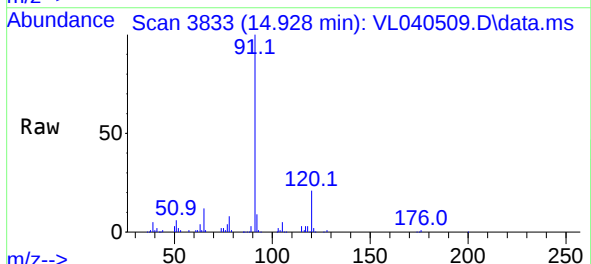
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

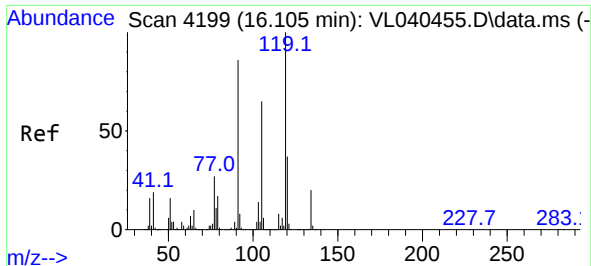
Tgt Ion: 83 Resp: 95626
Ion Ratio Lower Upper
83 100
131 10.2 4.6 13.8
85 66.8 32.8 98.3



#64
n-propylbenzene
Concen: 0.309 ppbv
RT: 14.928 min Scan# 3833
Delta R.T. -0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 120 Resp: 31515
Ion Ratio Lower Upper
120 100
91 756.2 374.3 561.5#

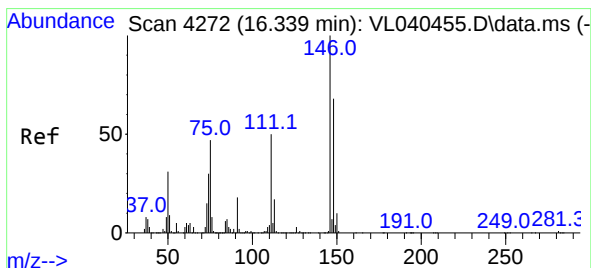
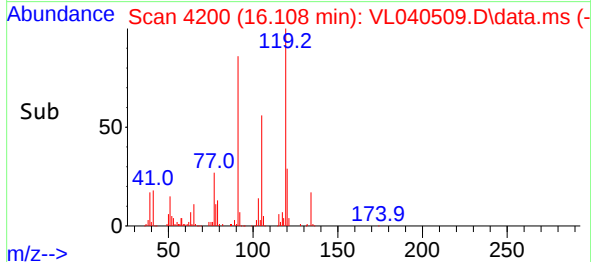
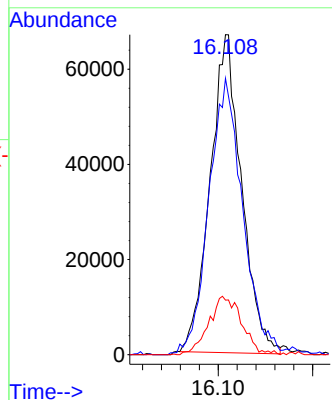
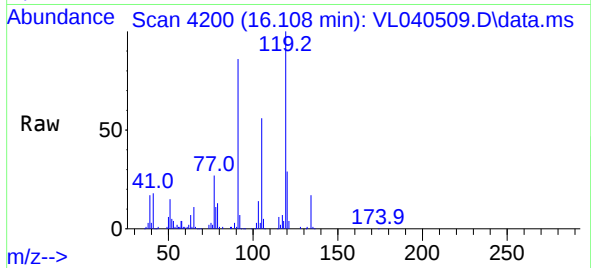




#65
tert-Butylbenzene
Concen: 0.443 ppbv
RT: 16.108 min Scan# 4199
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

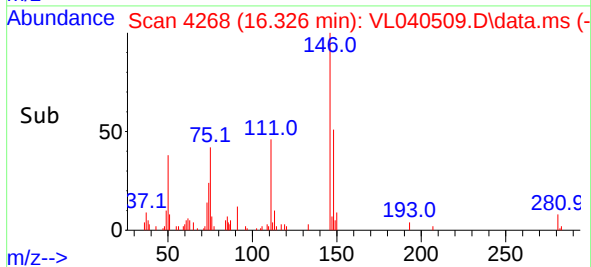
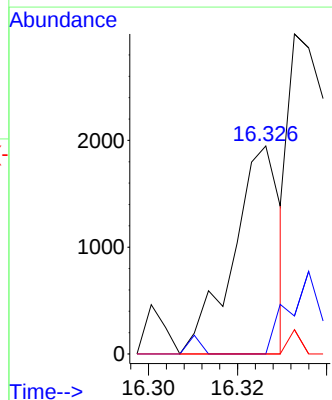
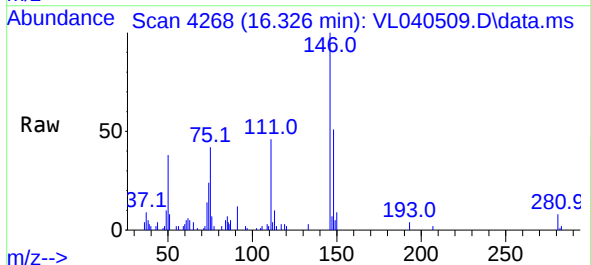
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

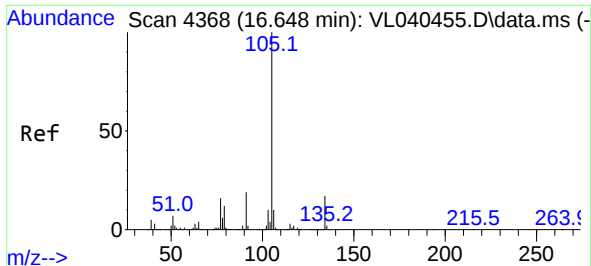
Tgt Ion:119 Resp: 154353
Ion Ratio Lower Upper
119 100
91 94.8 66.1 99.1
134 19.3 15.7 23.5



#66
Benzyl Chloride
Concen: 0.058 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 91 Resp: 1428
Ion Ratio Lower Upper
91 100
126 0.0 15.4 23.2#
128 3.1 4.5 6.7#

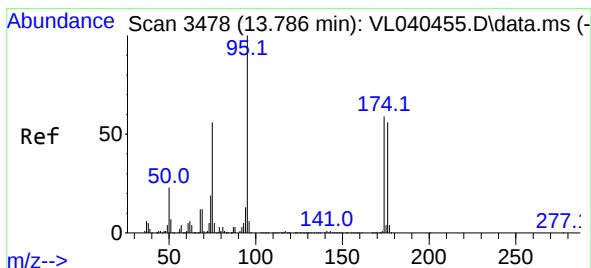
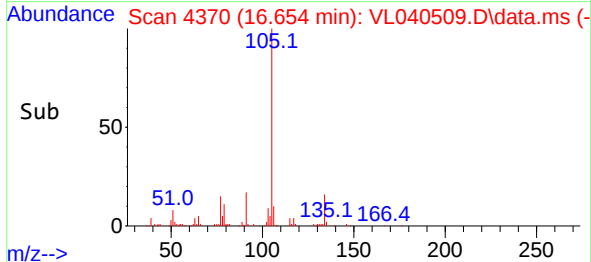
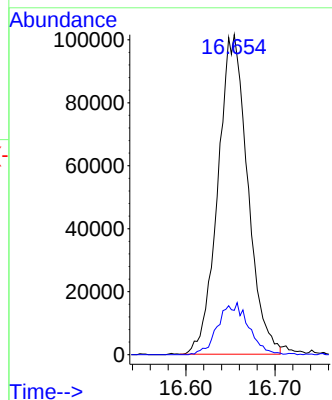
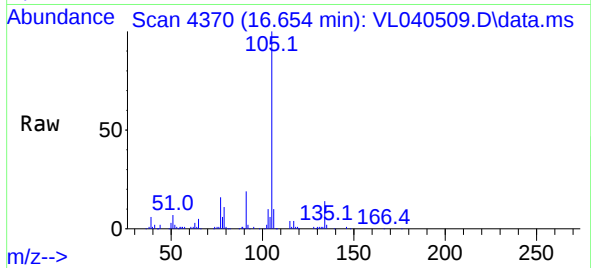




#67
 sec-Butylbenzene
 Concen: 0.460 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

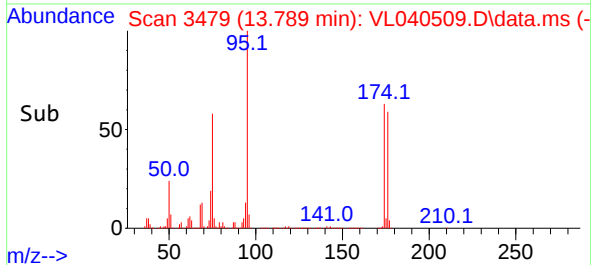
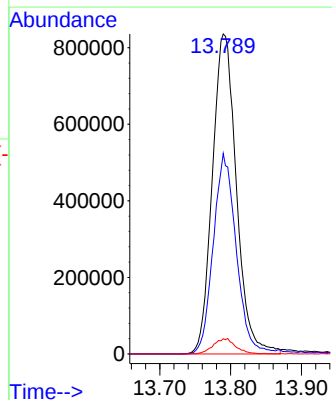
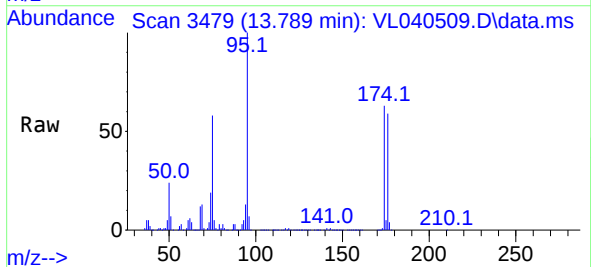
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

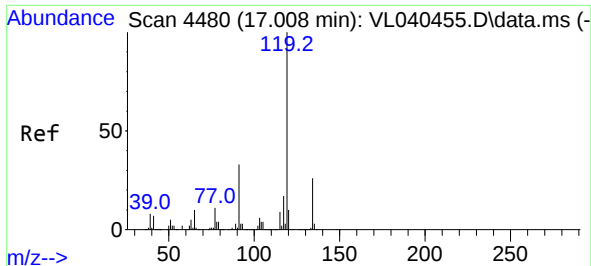
Tgt Ion:105 Resp: 235735
 Ion Ratio Lower Upper
 105 100
 134 16.8 14.4 21.6



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.112 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.006 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

Tgt Ion: 95 Resp: 1970752
 Ion Ratio Lower Upper
 95 100
 174 60.5 50.6 75.8
 175 4.6 3.7 5.5

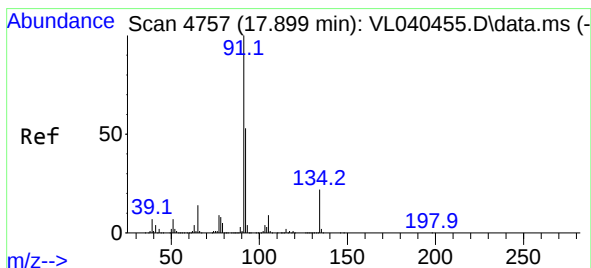
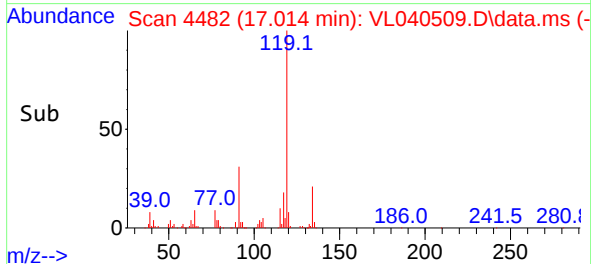
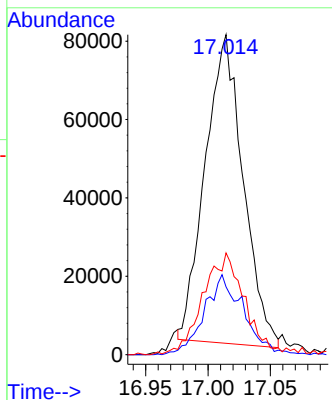
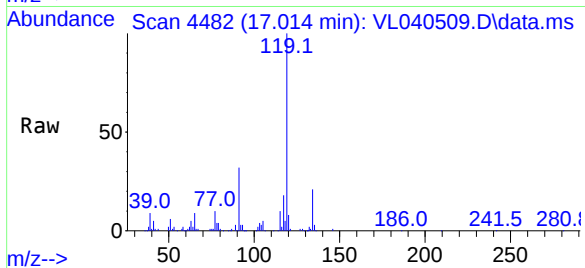




#69
p-Isopropyltoluene
Concen: 0.394 ppbv
RT: 17.014 min Scan# 4480
Delta R.T. 0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

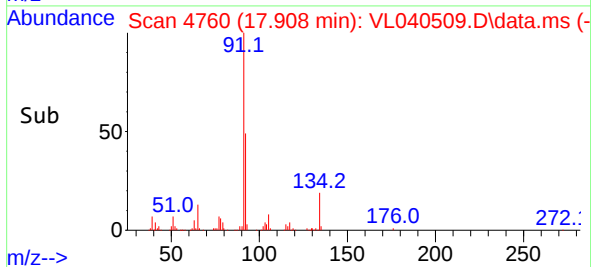
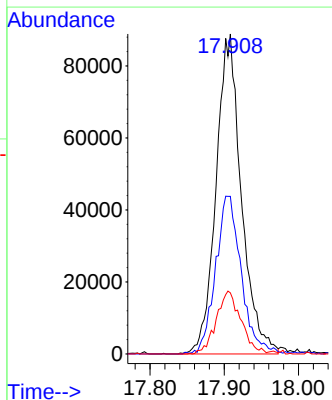
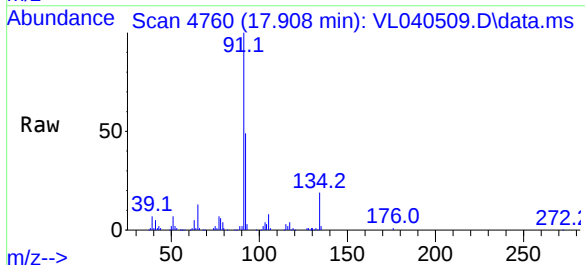
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

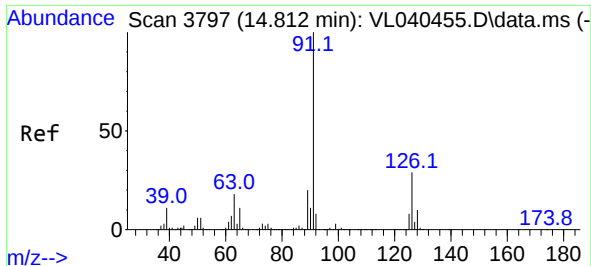
Tgt Ion:119 Resp: 166699
Ion Ratio Lower Upper
119 100
134 26.8 20.5 30.7
91 36.9 23.8 35.8#



#70
n-Butylbenzene
Concen: 0.446 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.013 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 91 Resp: 210572
Ion Ratio Lower Upper
91 100
92 50.3 43.4 65.0
134 19.7 18.1 27.1

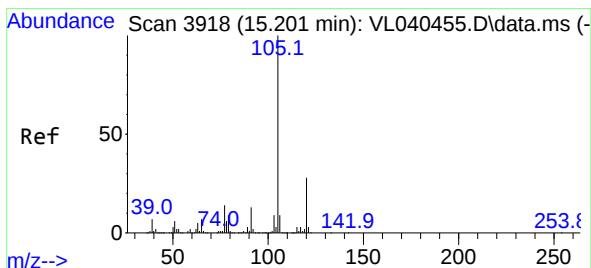
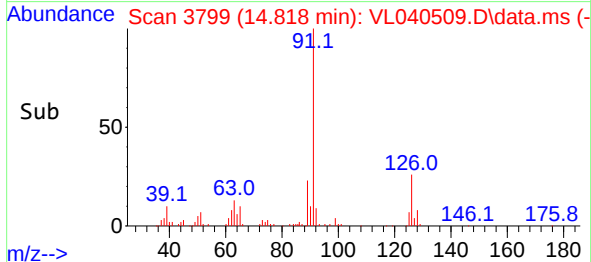
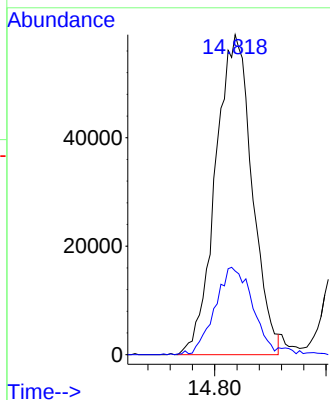
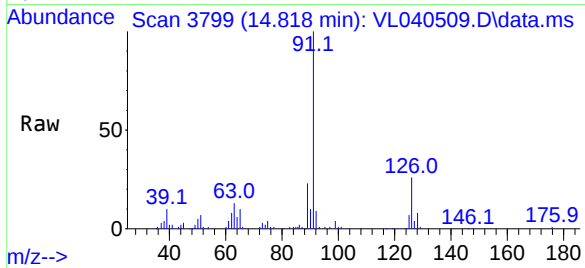




#71
2-Chlorotoluene
Concen: 0.444 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

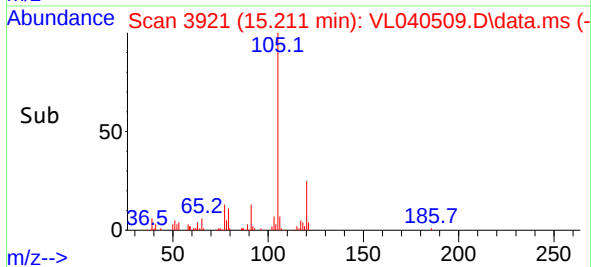
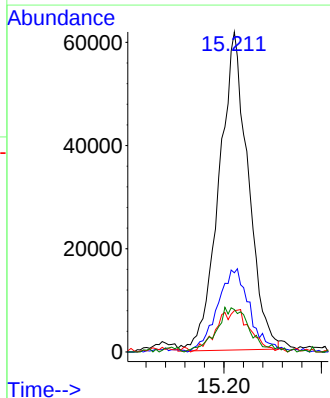
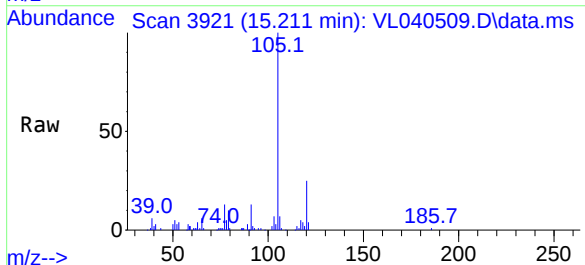
Instrument :
MSVOA_1
ClientSampleId :
VSTDICC0.5

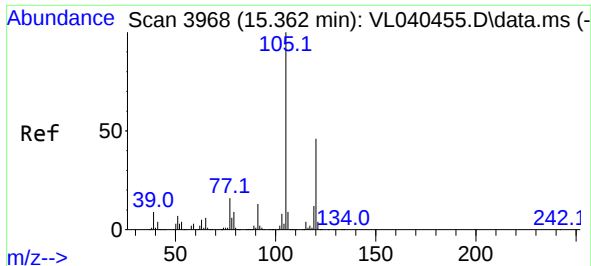
Tgt Ion: 91 Resp: 134660
Ion Ratio Lower Upper
91 100
126 29.1 12.4 49.8



#72
4-Ethyltoluene
Concen: 0.415 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 105 Resp: 127872
Ion Ratio Lower Upper
105 100
120 29.9 24.6 37.0
91 16.5 10.7 16.1#
77 17.4 11.0 16.6#

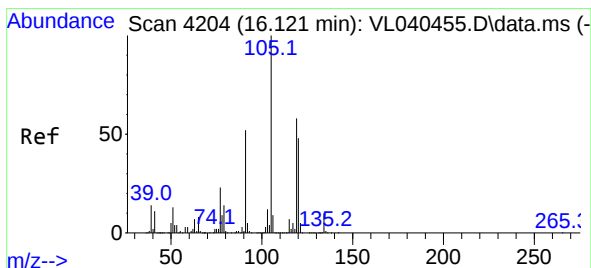
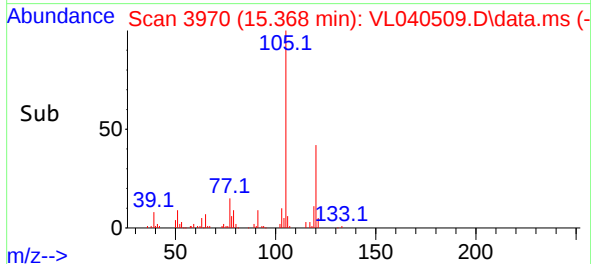
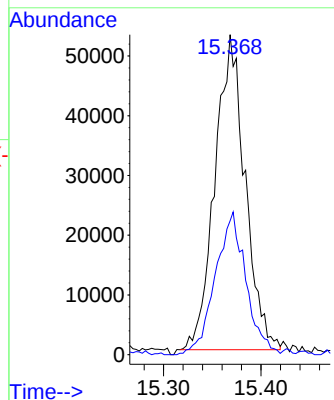
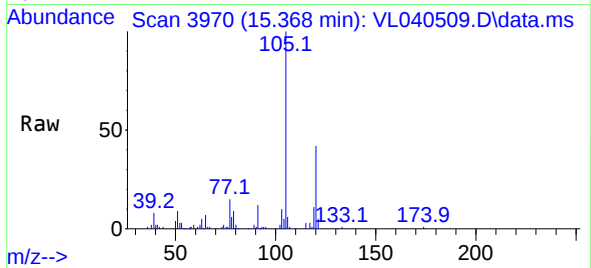




#73
1,3,5-Trimethylbenzene
Concen: 0.417 ppbv
RT: 15.368 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

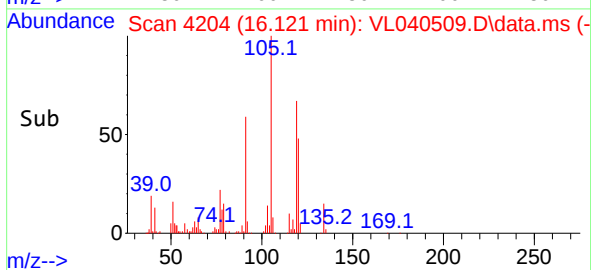
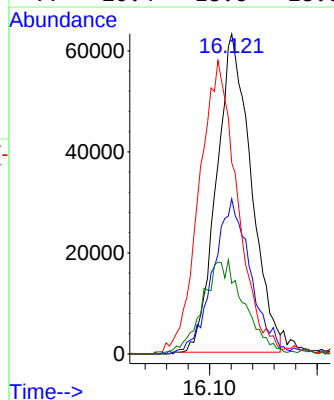
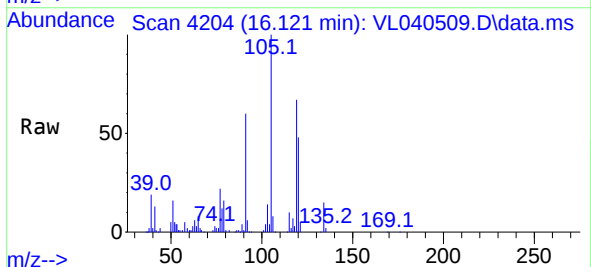
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

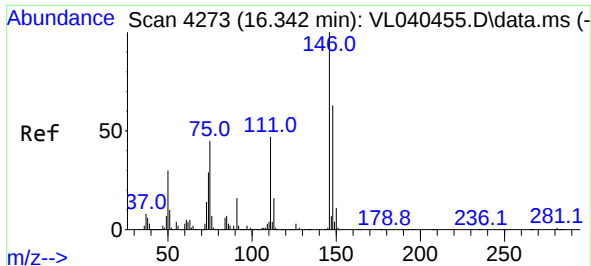
Tgt Ion:105 Resp: 113352
Ion Ratio Lower Upper
105 100
120 42.1 38.2 57.2



#74
1,2,4-Trimethylbenzene
Concen: 0.445 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion:105 Resp: 140776
Ion Ratio Lower Upper
105 100
120 47.3 40.3 60.5
91 58.6 46.8 70.2
77 20.4 18.6 28.0

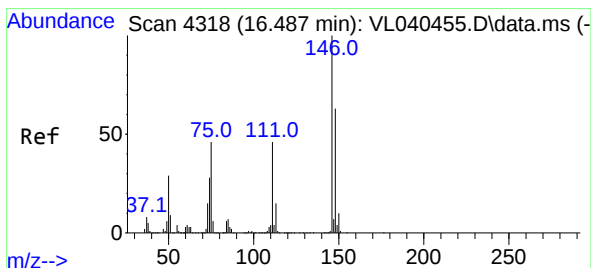
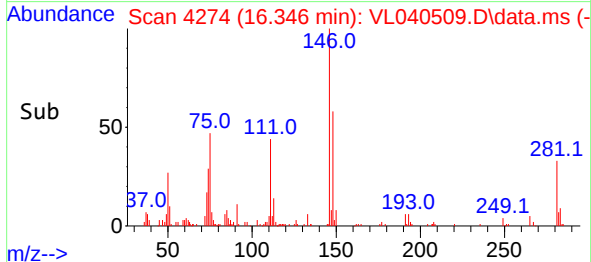
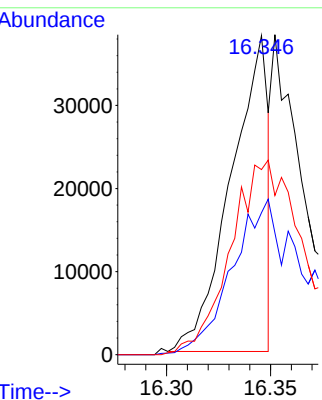
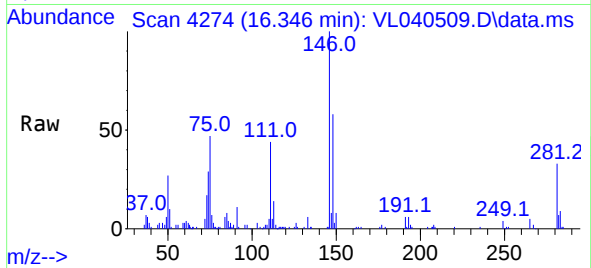




#75
1,3-Dichlorobenzene
Concen: 0.246 ppbv
RT: 16.346 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

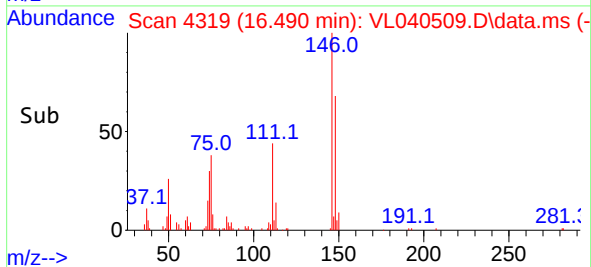
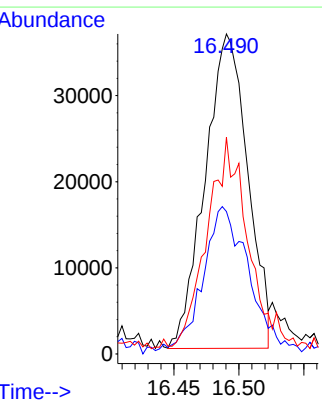
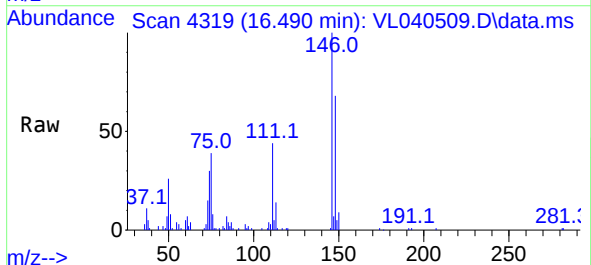
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

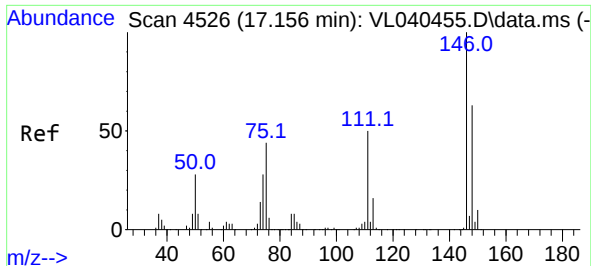
Tgt Ion:146 Resp: 47161
Ion Ratio Lower Upper
146 100
111 0.0 23.6 71.0#
148 0.0 32.2 96.6#



#76
1,4-Dichlorobenzene
Concen: 0.444 ppbv
RT: 16.490 min Scan# 4319
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion:146 Resp: 83501
Ion Ratio Lower Upper
146 100
111 54.3 22.8 68.3
148 73.5 32.6 97.8

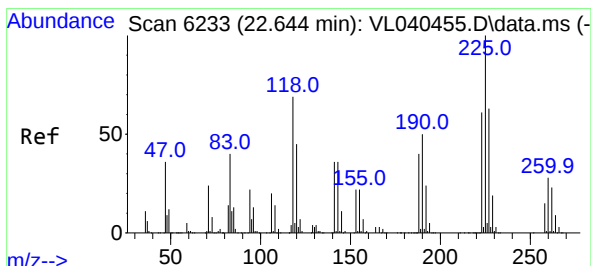
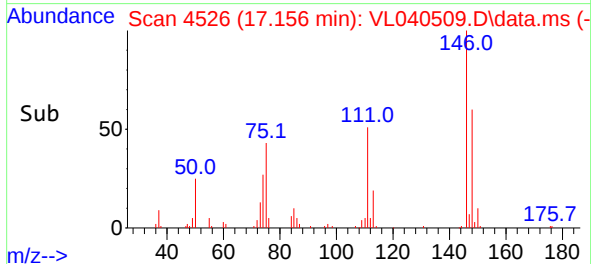
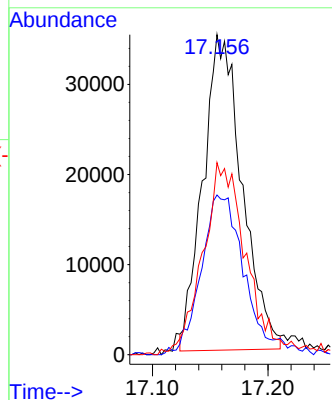
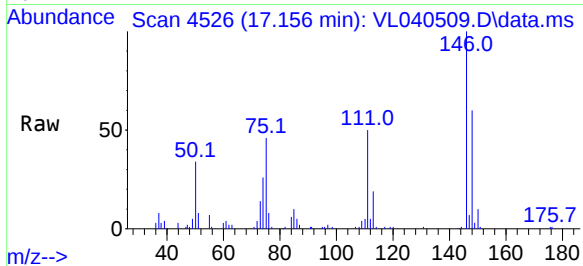




#77
1,2-Dichlorobenzene
Concen: 0.449 ppbv
RT: 17.156 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

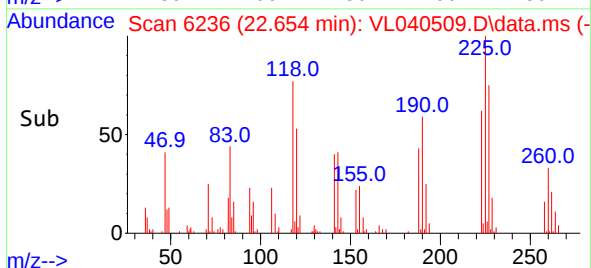
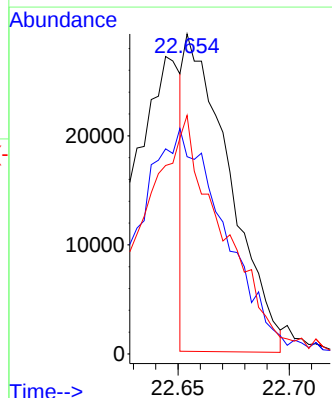
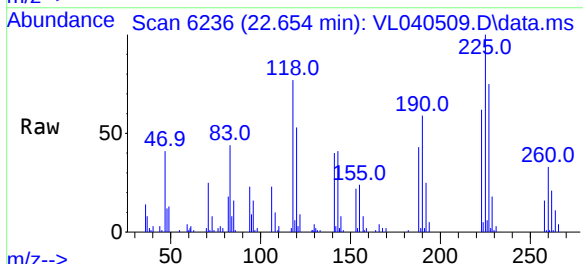
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

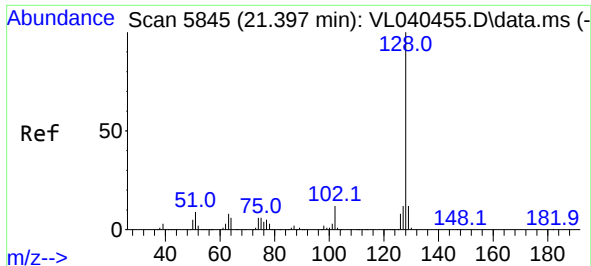
Tgt Ion:146 Resp: 82415
Ion Ratio Lower Upper
146 100
111 56.9 24.3 72.8
148 67.6 32.1 96.3



#78
Hexachloro-1,3-Butadiene
Concen: 0.237 ppbv
RT: 22.654 min Scan# 6236
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion:225 Resp: 40769
Ion Ratio Lower Upper
225 100
223 144.4 50.3 75.5#
227 140.3 51.0 76.6#

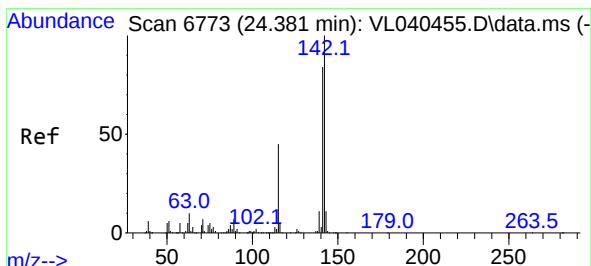
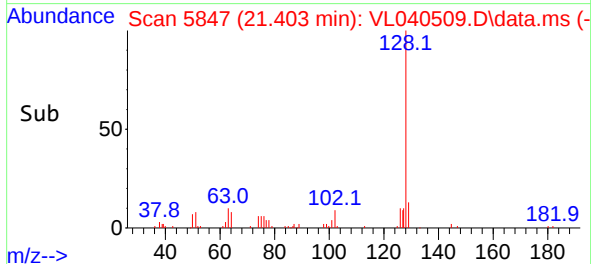
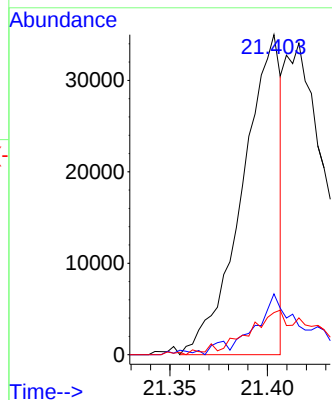
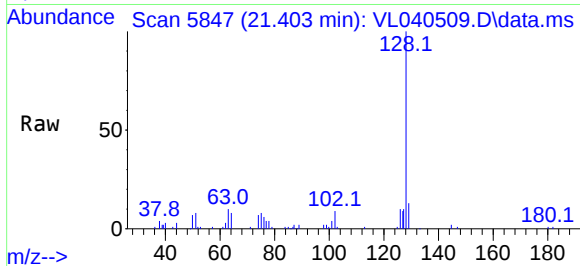




#79
Naphthalene
Concen: 0.179 ppbv
RT: 21.403 min Scan# 5847
Delta R.T. 0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

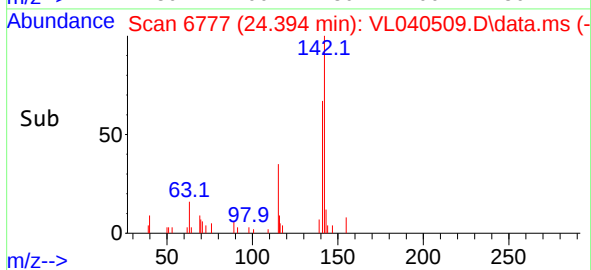
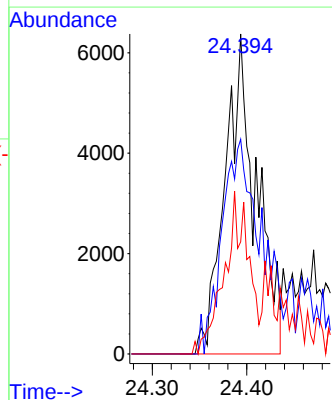
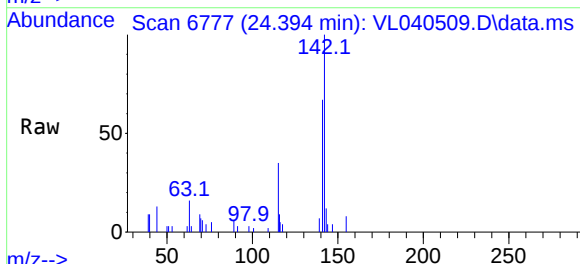
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

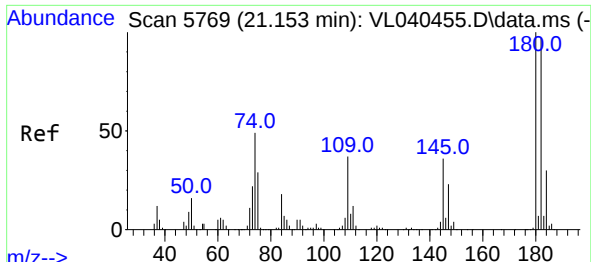
Tgt Ion:128 Resp: 47861
Ion Ratio Lower Upper
128 100
127 17.6 10.7 16.1#
129 12.4 9.2 13.8



#80
Naphthalene,2-methyl-
Concen: 0.132 ppbv
RT: 24.394 min Scan# 6777
Delta R.T. 0.016 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion:142 Resp: 14617
Ion Ratio Lower Upper
142 100
141 106.7 66.7 100.1#
115 40.2 33.0 49.6





#81

1,2,4-Trichlorobenzene

Concen: 0.205 ppbv

RT: 21.159 min Scan# 51

Delta R.T. 0.010 min

Lab File: VL040509.D

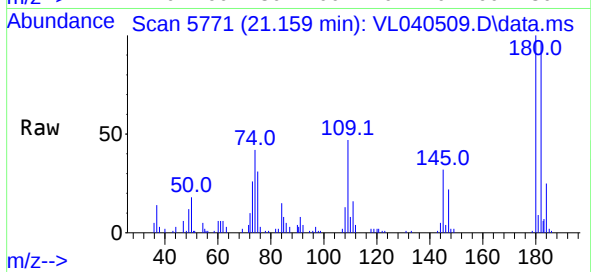
Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion:180 Resp: 37778

Ion Ratio Lower Upper

180 100

182 0.0 77.5 116.3#

184 0.0 24.5 36.7#

