

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
 Data File : VL040430.D
 Acq On : 16 May 2023 8:55
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: May 17 07:24:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1048619	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.652	114	2663416	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.471	117	2335070	10.000	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.783	95	1914492	10.197	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.000%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	122834	0.596	ppbv	96
3) Chlorodifluoromethane	2.665	51	71537	0.528	ppbv	97
4) Chloromethane	2.803	50	44101	0.524	ppbv	99
5) Vinyl Chloride	2.912	62	32995	0.442	ppbv	95
6) Bromomethane	3.108	94	11402	0.502	ppbv	89
7) Chloroethane	3.189	64	8663	0.328	ppbv #	87
8) Dichlorotetrafluoroethane	2.848	85	98158	0.530	ppbv	94
9) Propene	2.684	41	27079	0.514	ppbv	100
10) Heptane	7.578	43	35693	0.293	ppbv #	60
11) Trichlorofluoromethane	3.555	101	90369	0.486	ppbv	91
12) 1,1,2-Trichlorotrifluo...	4.060	101	67667	0.496	ppbv	92
13) Ethanol	3.253	45	1635	0.409	ppbv #	34
14) Bromoethene	3.359	108	25860	0.476	ppbv #	94
15) Acetone	3.475	43	69984	0.528	ppbv	92
16) 1,3-Butadiene	2.980	39	31292	0.514	ppbv	96
17) tert-Butyl alcohol	3.890	59	63355	0.477	ppbv	99
18) 1,1-Dichloroethene	3.874	96	30276	0.504	ppbv #	86
19) Isopropyl Alcohol	3.591	45	33747	0.522	ppbv #	89
20) Methylene Chloride	3.931	84	36071	0.610	ppbv	90
21) Allyl Chloride	3.993	41	38999	0.460	ppbv	92
22) trans-1,2-Dichloroethene	4.439	96	29456	0.491	ppbv	84
23) Vinyl Acetate	4.616	43	3871	0.106	ppbv #	37
24) 1,1-Dichloroethane	4.558	63	62957	0.502	ppbv	96
25) Ethyl Acetate	5.211	43	115160	0.461	ppbv	98
26) Hexane	5.208	57	48375	0.467	ppbv #	88
27) Carbon Disulfide	4.118	76	61788	0.454	ppbv #	88
28) Methyl tert-Butyl Ether	4.597	73	48286	0.439	ppbv	97
29) Chloroform	5.272	83	94564	0.501	ppbv	98
30) Cyclohexane	6.603	84	30573	0.363	ppbv #	87
31) cis-1,2-Dichloroethene	5.076	61	48094	0.469	ppbv	94
32) 1,1,1-Trichloroethane	6.002	97	86889	0.443	ppbv	96
34) 2-Butanone	4.796	43	66344	0.468	ppbv	98
35) Carbon Tetrachloride	6.494	117	86419	0.452	ppbv	84
36) Benzene	6.372	78	95153	0.440	ppbv	97
37) 1,2-Dichloroethane	5.809	62	66968	0.474	ppbv	98
38) Trichloroethene	7.295	130	54443	0.409	ppbv	96
39) 1,2-Dichloropropane	7.076	63	19695	0.232	ppbv	91
40) 1,4-Dioxane	7.320	88	4565	0.142	ppbv #	1
41) Tetrahydrofuran	5.571	42	8942	0.114	ppbv #	35
42) Bromodichloromethane	7.246	83	89590	0.468	ppbv	94
43) Methyl Methacrylate	7.484	69	31154	0.389	ppbv	99
44) 2,2,4-Trimethylpentane	7.327	57	151707	0.424	ppbv #	88
45) t-1,3-Dichloropropene	8.706	75	8255	0.118	ppbv	90

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Instrument :
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Quant Time: May 17 07:24:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed May 17 05:12:40 2023
 Response via : Initial Calibration

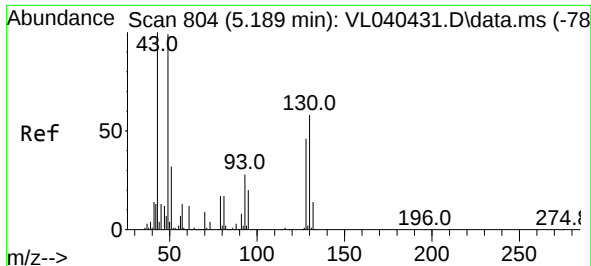
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	30219	0.305	ppbv	88
47) 1,1,2-Trichloroethane	8.902	97	22797	0.246	ppbv	96
48) Dibromochloromethane	9.713	129	60059	0.407	ppbv	94
49) Bromoform	12.410	173	46642	0.400	ppbv	98
50) 4-Methyl-2-Pentanone	8.201	43	86067	0.393	ppbv	95
51) 2-Hexanone	9.581	43	49685	0.308	ppbv #	98
52) Tetrachloroethene	10.616	164	16143	0.220	ppbv	96
53) Toluene	9.221	91	41073	0.180	ppbv #	20
54) 1,2-Dibromoethane	10.012	107	40032	0.433	ppbv	96
56) 1,1,1,2-Tetrachloroethane	11.510	131	50448	0.466	ppbv #	65
57) Chlorobenzene	11.526	112	93968	0.500	ppbv #	95
58) Ethyl Benzene	12.092	91	102700	0.348	ppbv #	88
59) m/p-Xylene	12.378	91	127312	0.472	ppbv #	53
60) o-Xylene	13.060	91	101786	0.397	ppbv	99
61) Styrene	12.899	104	17623	0.136	ppbv #	27
62) Isopropylbenzene	14.034	105	163512	0.436	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	35342	0.382	ppbv	77
64) n-propylbenzene	14.925	120	38939	0.421	ppbv	86
65) tert-Butylbenzene	16.101	119	138275	0.420	ppbv	92
66) Benzyl Chloride	16.330	91	1826	0.094	ppbv #	80
67) sec-Butylbenzene	16.645	105	204733	0.432	ppbv	99
69) p-Isopropyltoluene	17.005	119	94789	0.255	ppbv #	63
70) n-Butylbenzene	17.902	91	175347	0.423	ppbv	94
71) 2-Chlorotoluene	14.806	91	115880	0.406	ppbv	99
72) 4-Ethyltoluene	15.198	105	57136	0.196	ppbv #	55
73) 1,3,5-Trimethylbenzene	15.359	105	57733	0.216	ppbv	93
74) 1,2,4-Trimethylbenzene	16.114	105	131010	0.426	ppbv #	94
75) 1,3-Dichlorobenzene	16.336	146	35896	0.212	ppbv #	11
76) 1,4-Dichlorobenzene	16.474	146	31738	0.194	ppbv #	22
77) 1,2-Dichlorobenzene	17.150	146	39459	0.241	ppbv #	21
78) Hexachloro-1,3-Butadiene	22.625	225	15912	0.130	ppbv #	18
79) Naphthalene	21.394	128	30709	0.165	ppbv #	96
80) Naphthalene,2-methyl-	24.384	142	14314	0.269	ppbv #	89
81) 1,2,4-Trichlorobenzene	21.130	180	7631	0.066	ppbv #	12

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

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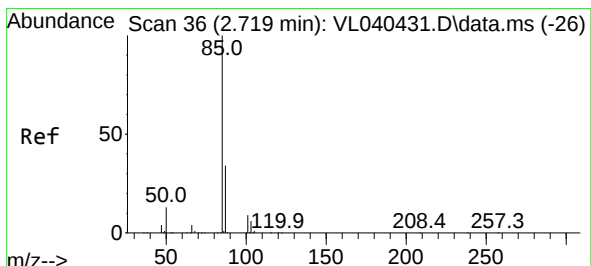
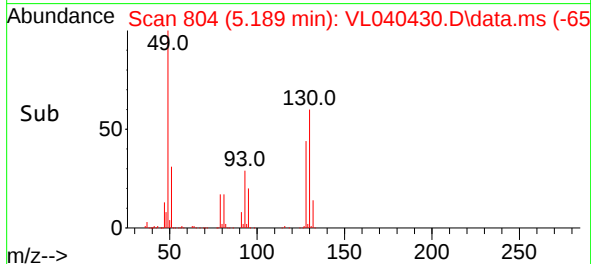
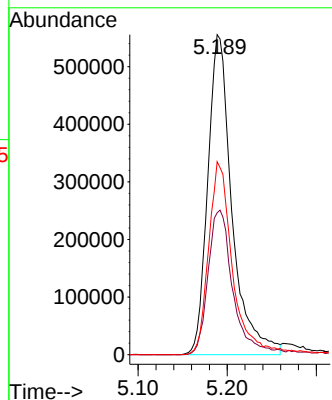
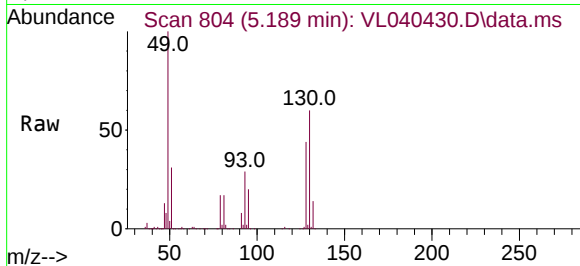




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.016 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

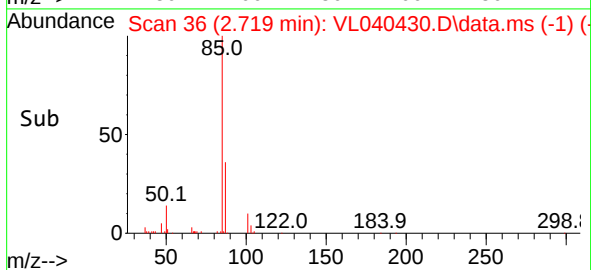
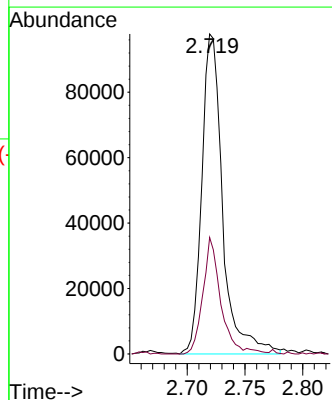
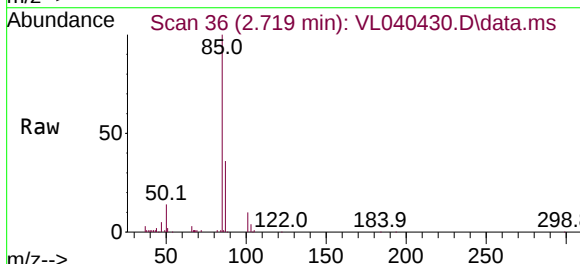
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MSVOA_L
ClientSampleId :
VSTDIC0.5

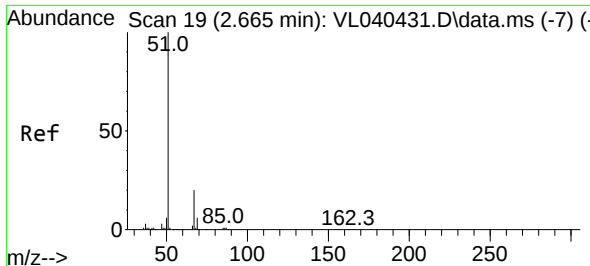
Tgt Ion: 49 Resp: 1048619
Ion Ratio Lower Upper
49 100
128 47.9 24.3 72.8
130 60.9 30.2 90.6



#2
Dichlorodifluoromethane
Concen: 0.596 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.009 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion: 85 Resp: 122834
Ion Ratio Lower Upper
85 100
87 36.4 27.4 41.0

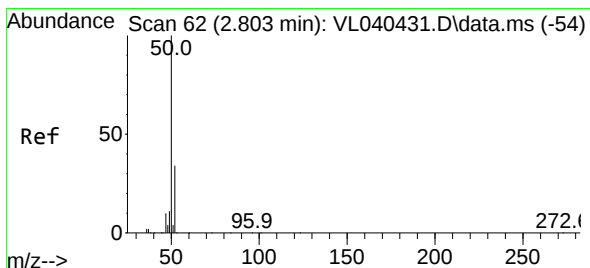
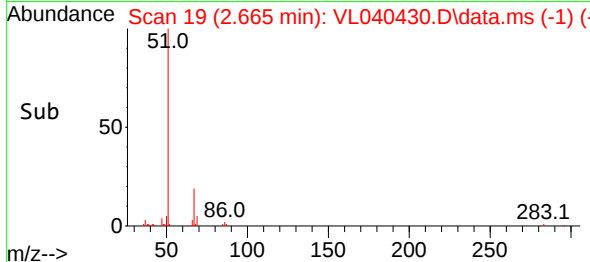
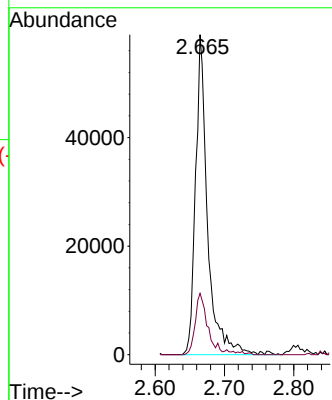
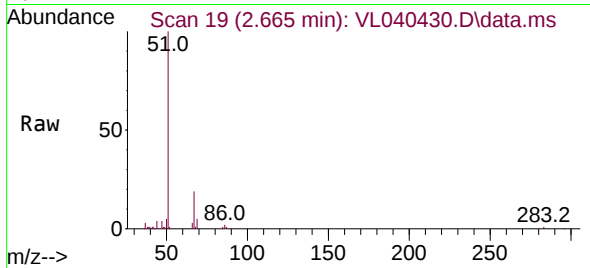




#3
Chlorodifluoromethane
Concen: 0.528 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.009 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

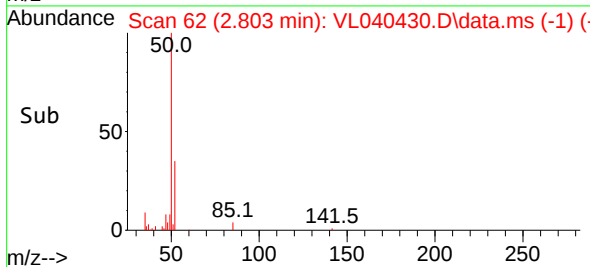
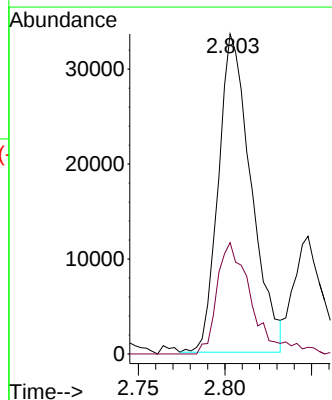
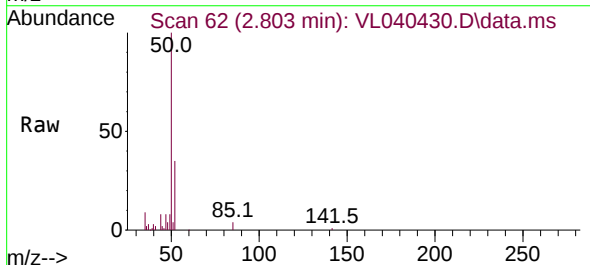
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

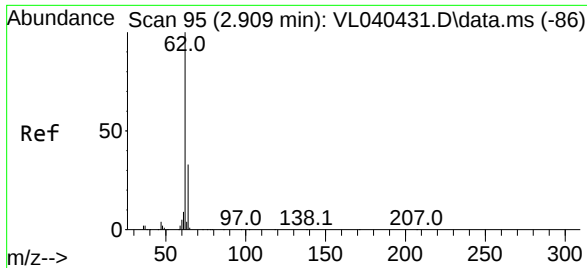
Tgt Ion: 51 Resp: 71537
Ion Ratio Lower Upper
51 100
67 21.0 15.8 23.6



#4
Chloromethane
Concen: 0.524 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.009 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion: 50 Resp: 44101
Ion Ratio Lower Upper
50 100
52 35.0 27.6 41.4

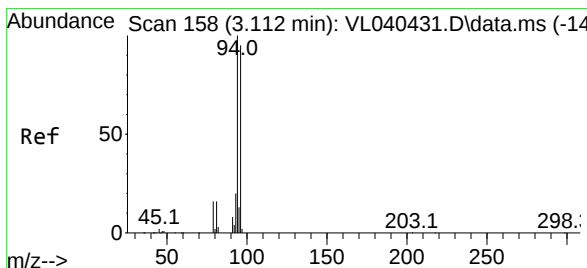
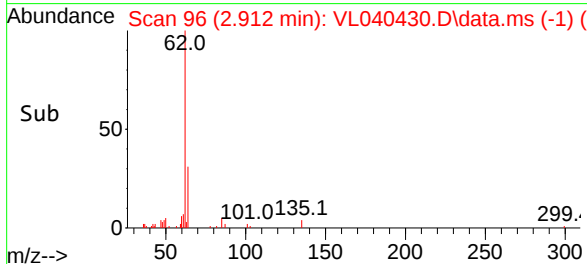
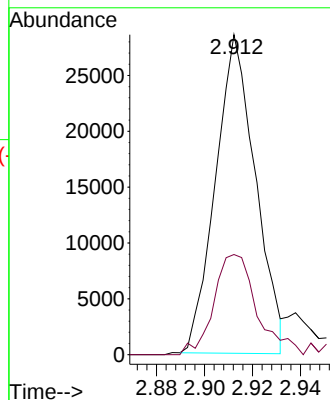
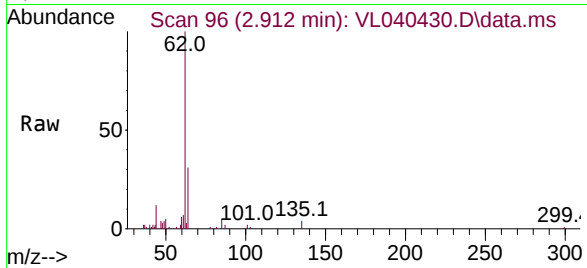




#5
 Vinyl Chloride
 Concen: 0.442 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.009 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

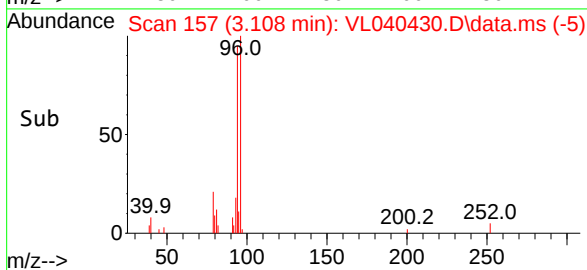
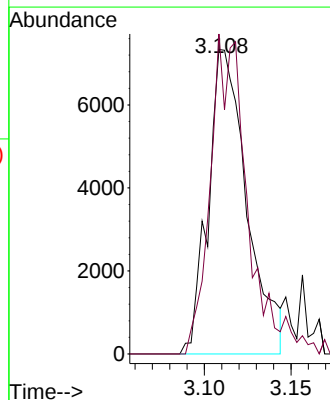
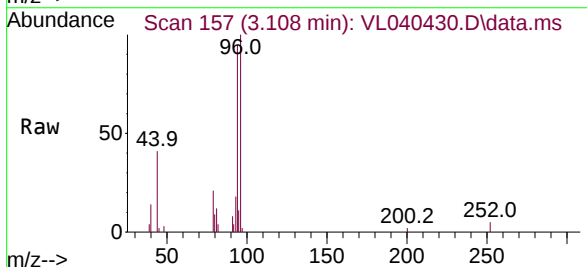
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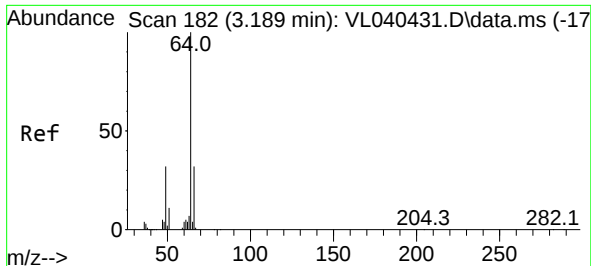
Tgt Ion: 62 Resp: 32995
 Ion Ratio Lower Upper
 62 100
 64 30.5 26.6 40.0



#6
 Bromomethane
 Concen: 0.502 ppbv
 RT: 3.108 min Scan# 157
 Delta R.T. -0.013 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

Tgt Ion: 94 Resp: 11402
 Ion Ratio Lower Upper
 94 100
 96 105.1 75.7 113.5

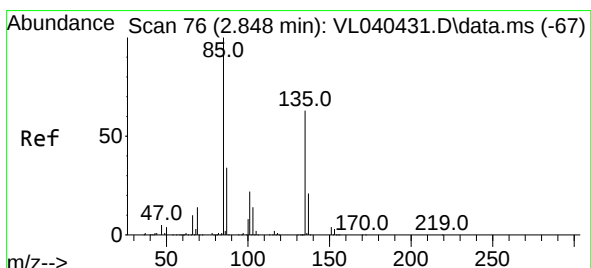
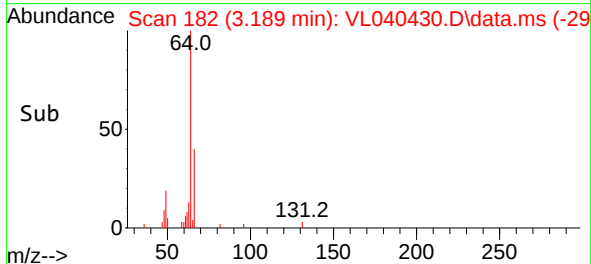
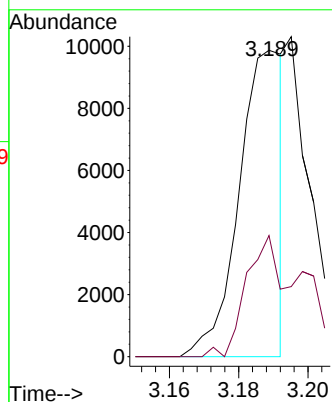
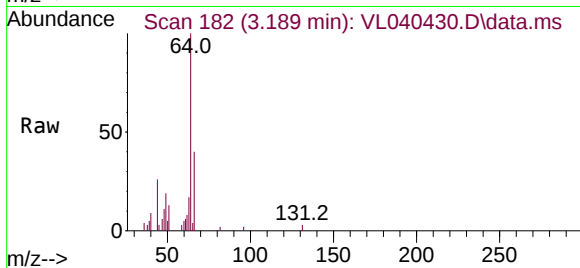




#7
Chloroethane
Concen: 0.328 ppbv
RT: 3.189 min Scan# 11
Delta R.T. -0.009 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

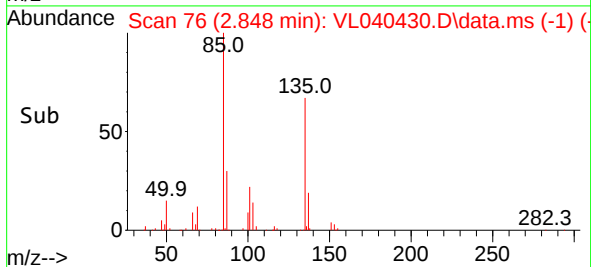
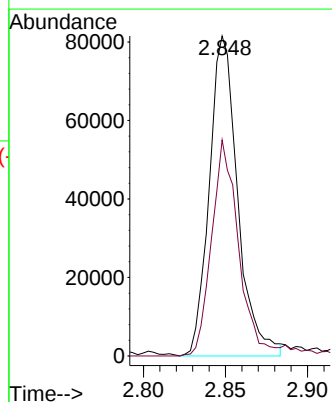
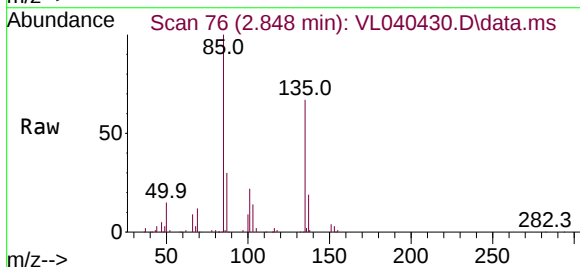
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VSTDICC0.5

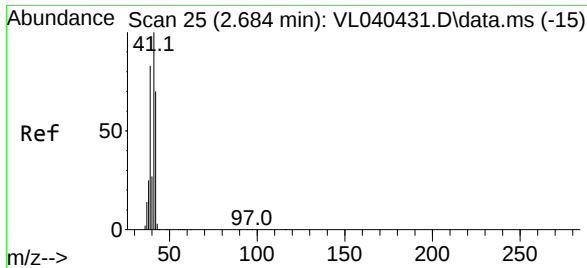
Tgt Ion: 64 Resp: 8663
Ion Ratio Lower Upper
64 100
66 39.5 25.8 38.8#



#8
Dichlorotetrafluoroethane
Concen: 0.530 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.009 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion: 85 Resp: 98158
Ion Ratio Lower Upper
85 100
135 67.5 50.6 75.8

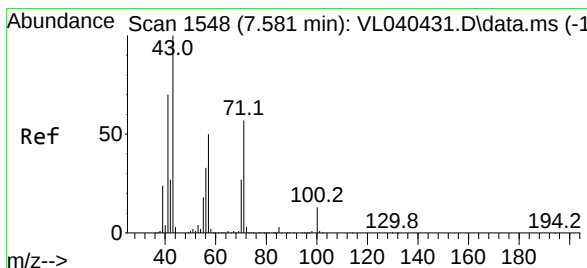
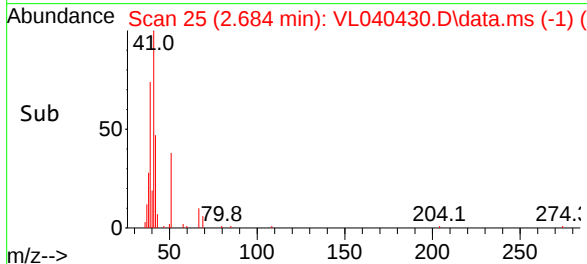
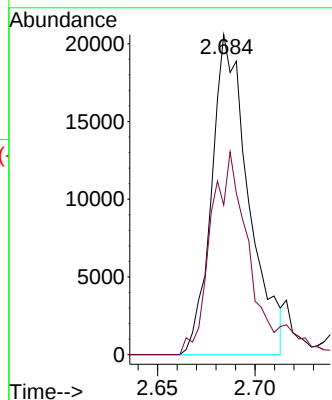
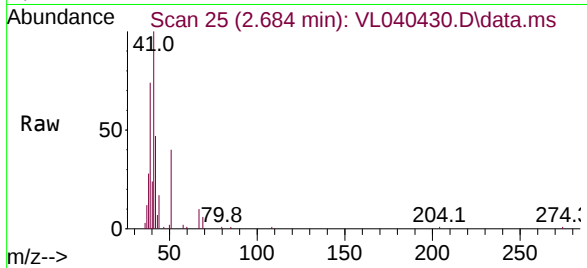




#9
 Propene
 Concen: 0.514 ppbv
 RT: 2.684 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

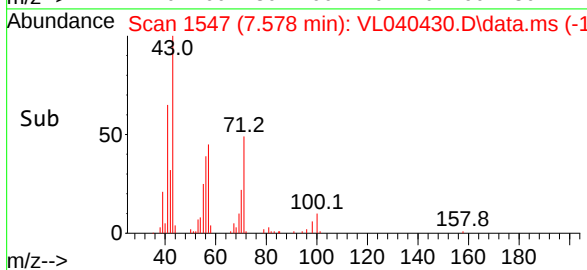
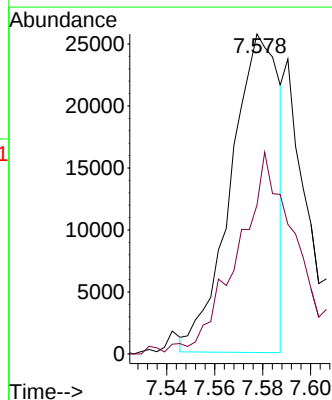
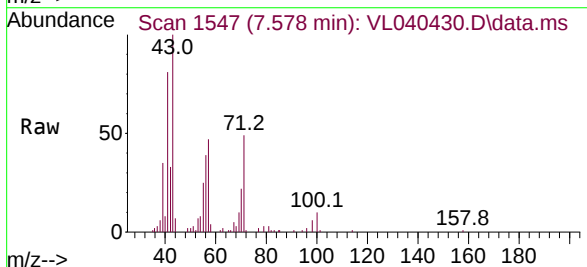
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

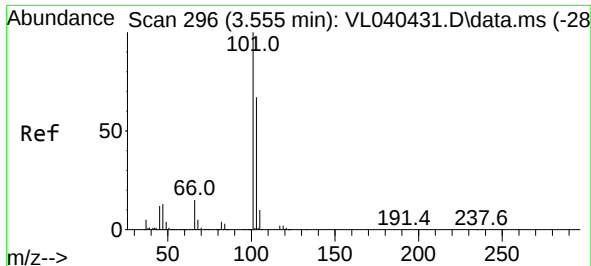
Tgt Ion: 41 Resp: 27079
 Ion Ratio Lower Upper
 41 100
 42 71.1 56.6 84.8



#10
 Heptane
 Concen: 0.293 ppbv
 RT: 7.578 min Scan# 1547
 Delta R.T. -0.019 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

Tgt Ion: 43 Resp: 35693
 Ion Ratio Lower Upper
 43 100
 57 80.7 42.2 63.2#

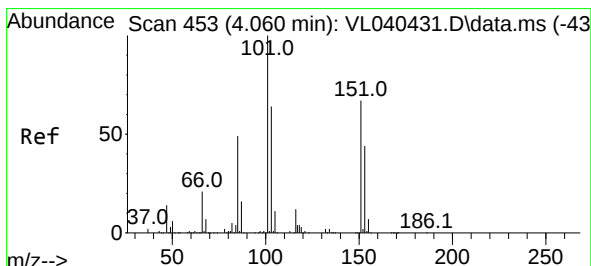
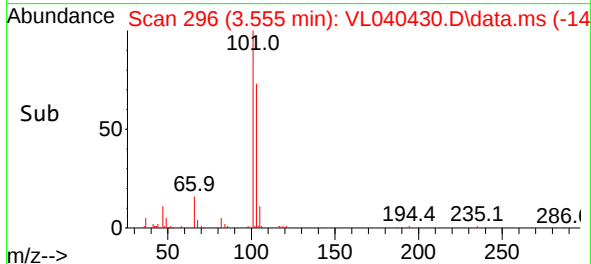
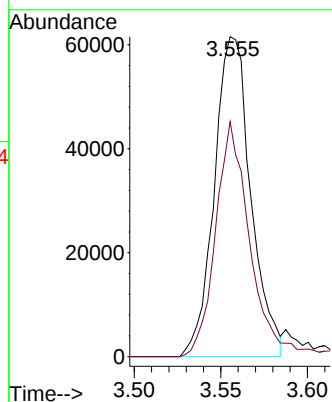
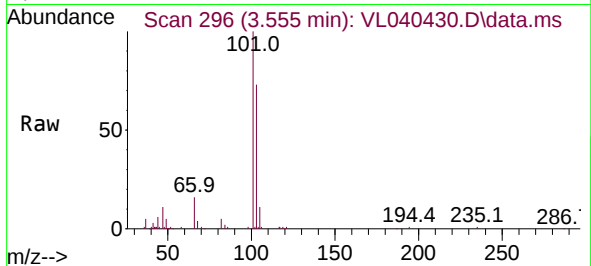




#11
 Trichlorofluoromethane
 Concen: 0.486 ppbv
 RT: 3.555 min Scan# 296
 Delta R.T. -0.013 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

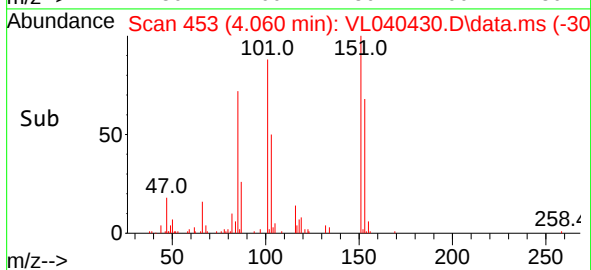
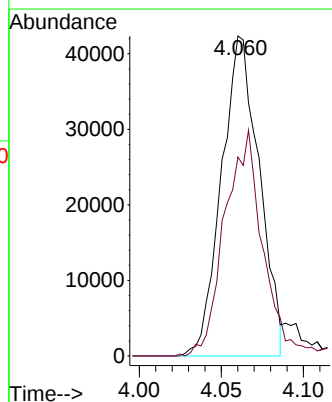
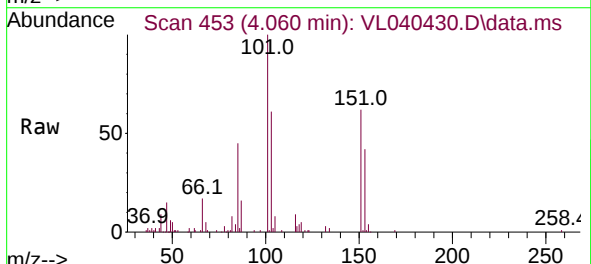
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

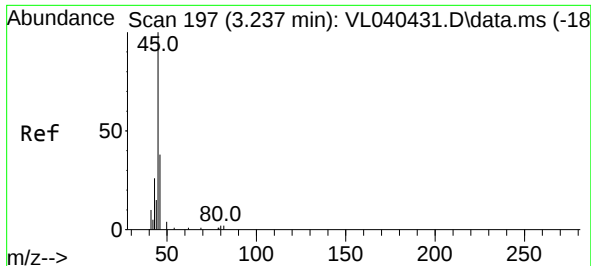
Tgt Ion:101 Resp: 90369
 Ion Ratio Lower Upper
 101 100
 103 73.5 53.3 79.9



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 0.496 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.013 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

Tgt Ion:101 Resp: 67667
 Ion Ratio Lower Upper
 101 100
 151 73.5 53.8 80.6

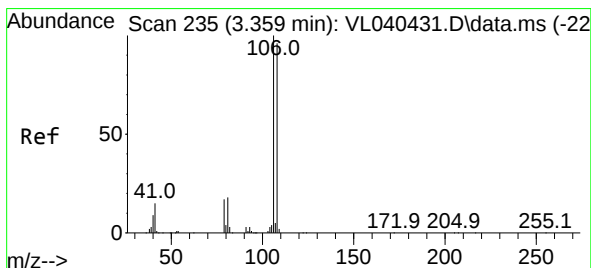
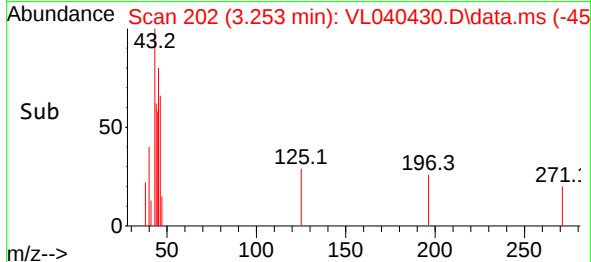
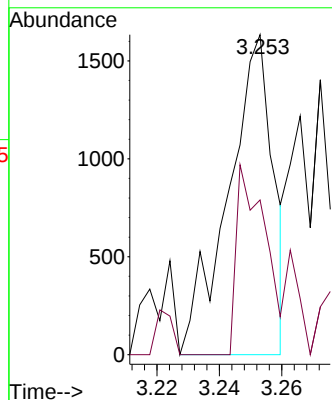
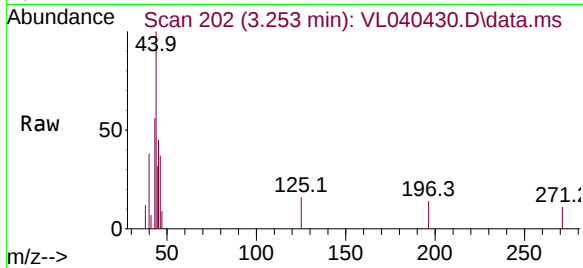




#13
Ethanol
Concen: 0.409 ppbv
RT: 3.253 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

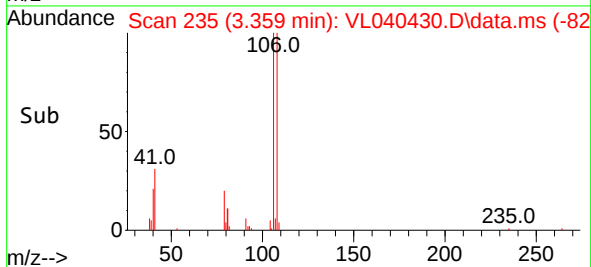
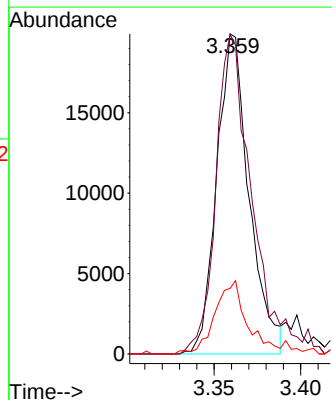
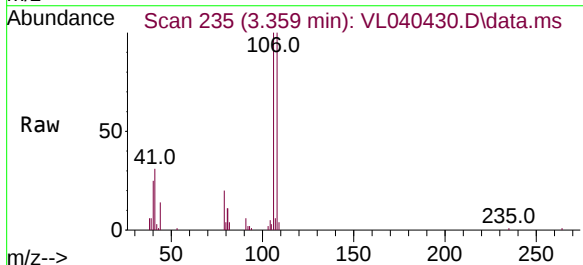
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

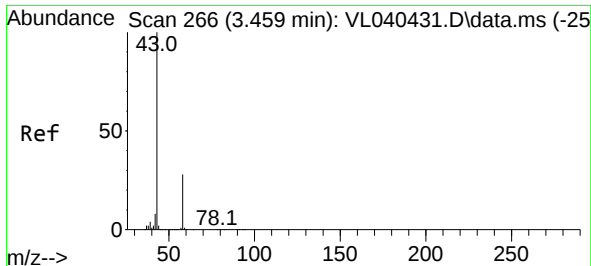
Tgt Ion: 45 Resp: 1635
Ion Ratio Lower Upper
45 100
46 70.5 13.2 52.8#



#14
Bromoethene
Concen: 0.476 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.009 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion: 108 Resp: 25860
Ion Ratio Lower Upper
108 100
106 117.1 89.5 134.3
79 24.3 16.1 24.1#

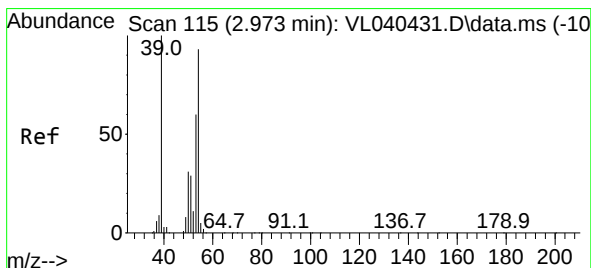
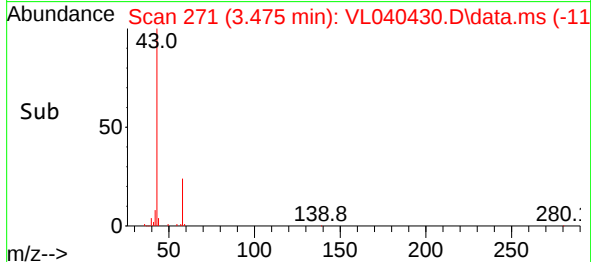
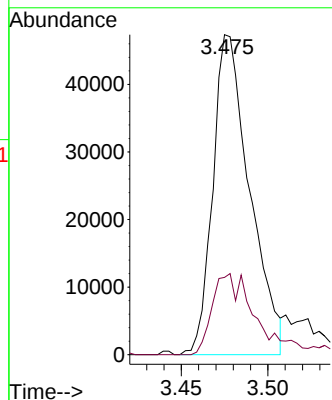
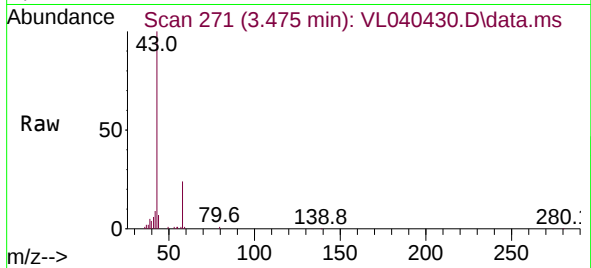




#15
Acetone
Concen: 0.528 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

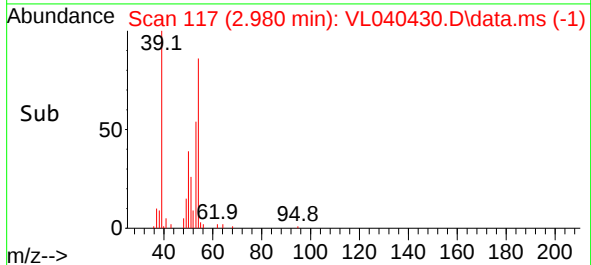
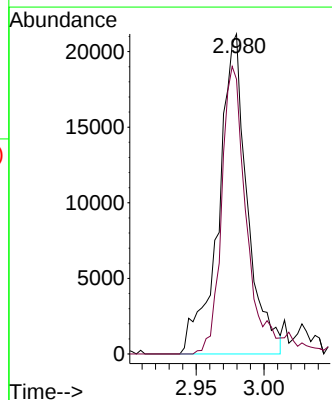
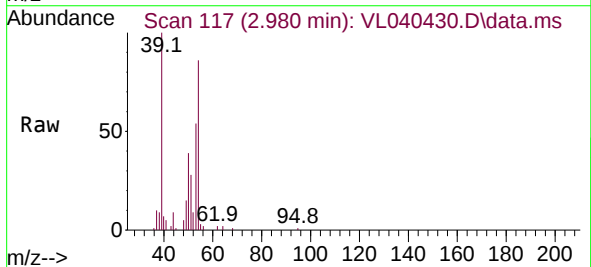
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

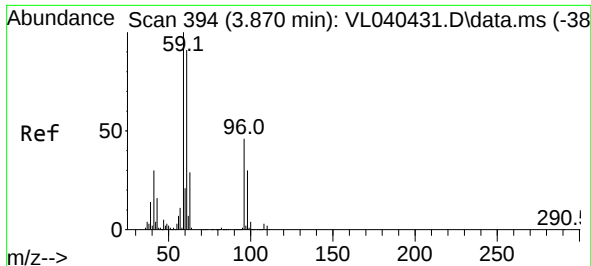
Tgt Ion: 43 Resp: 69984
Ion Ratio Lower Upper
43 100
58 32.1 22.2 33.4



#16
1,3-Butadiene
Concen: 0.514 ppbv
RT: 2.980 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion: 39 Resp: 31292
Ion Ratio Lower Upper
39 100
54 82.9 68.9 103.3





#17

tert-Butyl alcohol

Concen: 0.477 ppbv

RT: 3.890 min Scan# 40

Delta R.T. 0.010 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

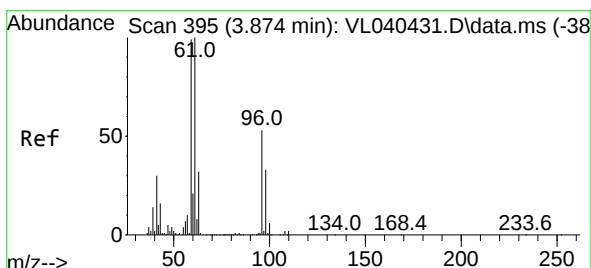
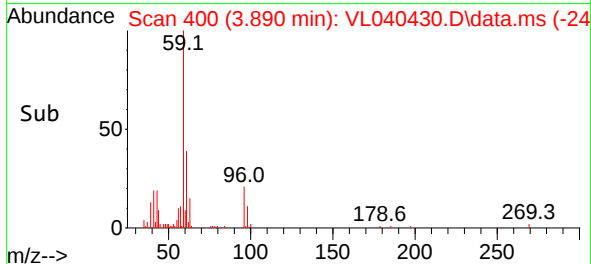
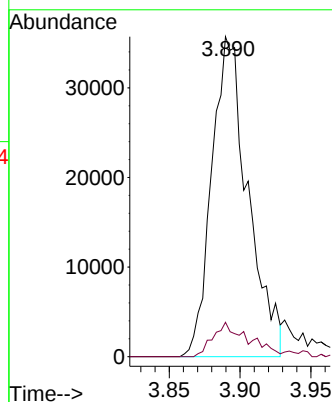
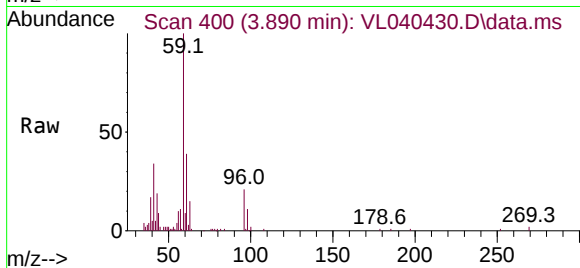
VSTDICC0.5

Tgt Ion: 59 Resp: 63355

Ion Ratio Lower Upper

59 100

57 10.9 8.6 12.8



#18

1,1-Dichloroethene

Concen: 0.504 ppbv

RT: 3.874 min Scan# 395

Delta R.T. -0.013 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

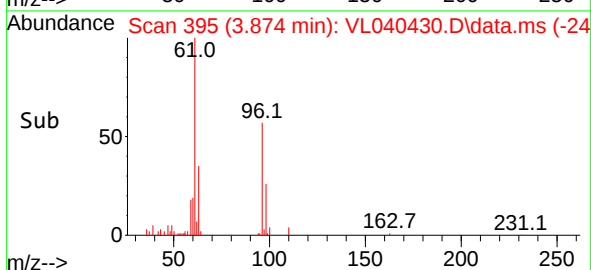
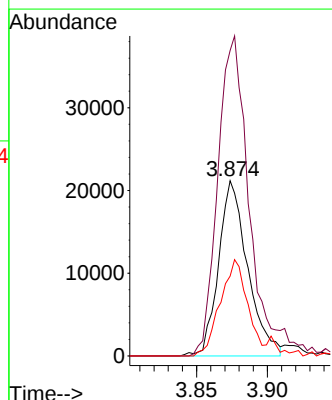
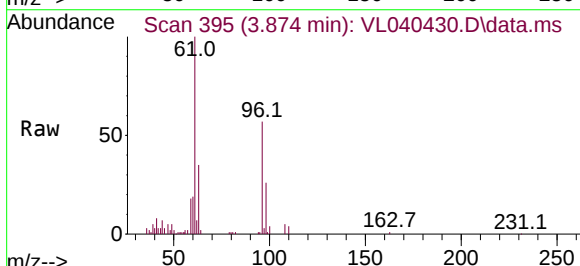
Tgt Ion: 96 Resp: 30276

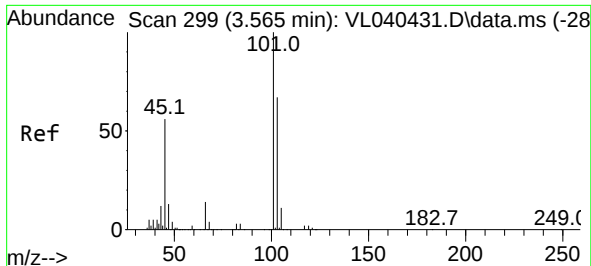
Ion Ratio Lower Upper

96 100

61 174.2 151.8 227.8

98 45.5 50.5 75.7#





#19

Isopropyl Alcohol

Concen: 0.522 ppbv

RT: 3.591 min Scan# 307

Delta R.T. 0.013 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

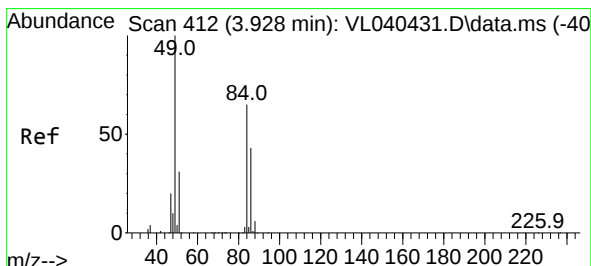
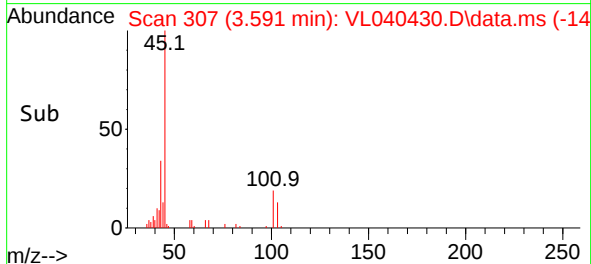
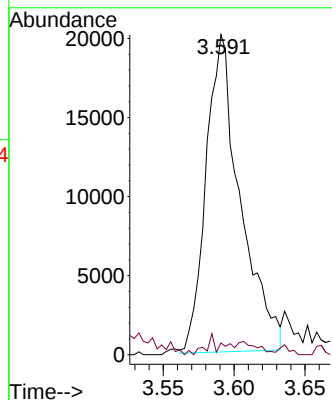
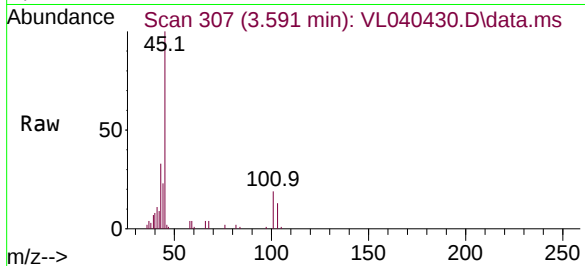
VSTDICC0.5

Tgt Ion: 45 Resp: 33747

Ion Ratio Lower Upper

45 100

58 6.2 2.1 3.1#



#20

Methylene Chloride

Concen: 0.610 ppbv

RT: 3.931 min Scan# 413

Delta R.T. -0.006 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Tgt Ion: 84 Resp: 36071

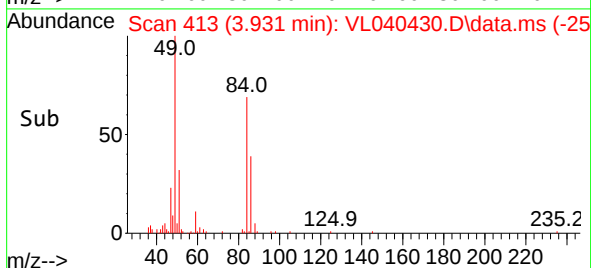
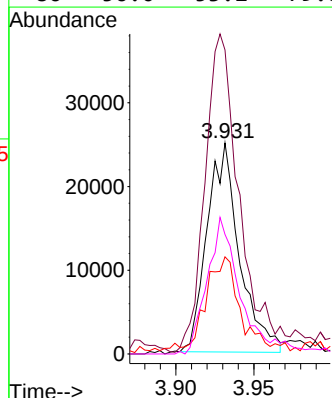
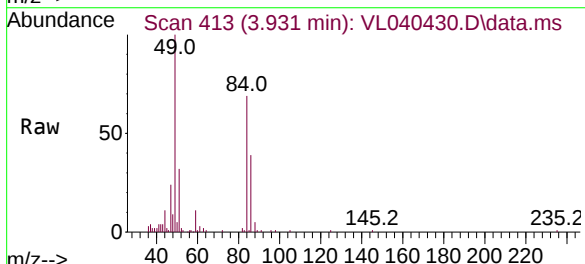
Ion Ratio Lower Upper

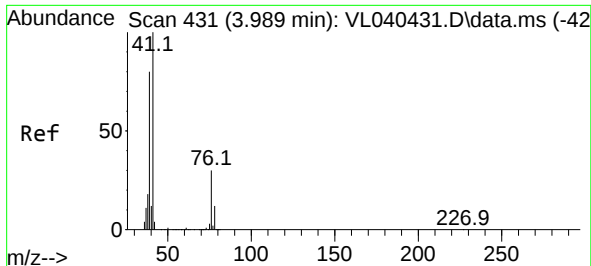
84 100

49 142.6 123.7 185.5

51 43.4 38.6 57.8

86 56.0 53.2 79.8





#21

Allyl Chloride

Concen: 0.460 ppbv

RT: 3.993 min Scan# 41

Delta R.T. -0.009 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

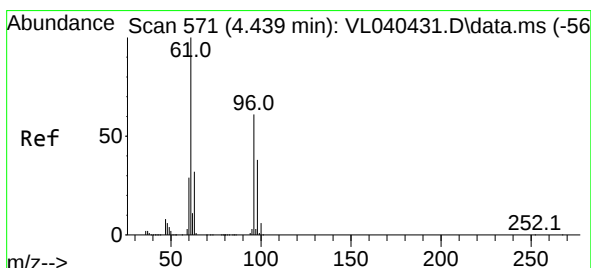
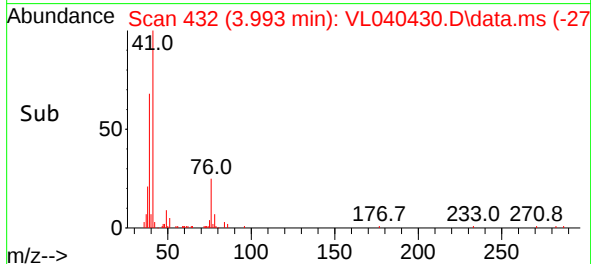
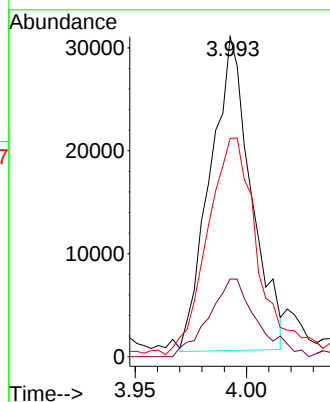
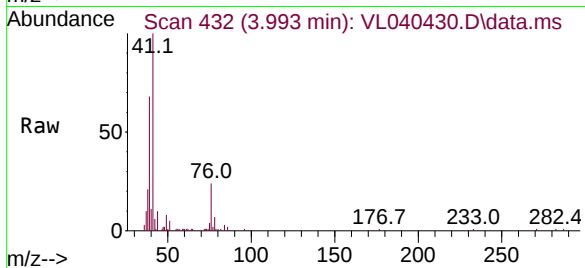
Tgt Ion: 41 Resp: 38999

Ion Ratio Lower Upper

41 100

76 30.4 25.3 37.9

39 88.6 63.5 95.3



#22

trans-1,2-Dichloroethene

Concen: 0.491 ppbv

RT: 4.439 min Scan# 571

Delta R.T. -0.016 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

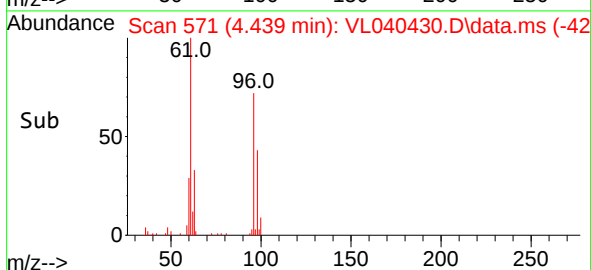
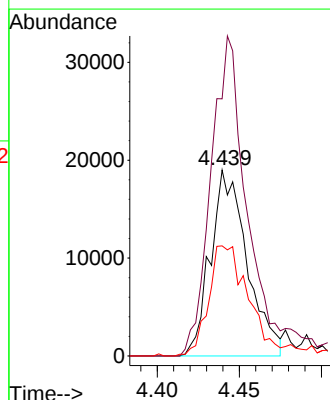
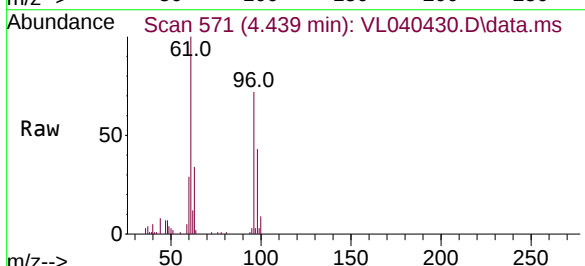
Tgt Ion: 96 Resp: 29456

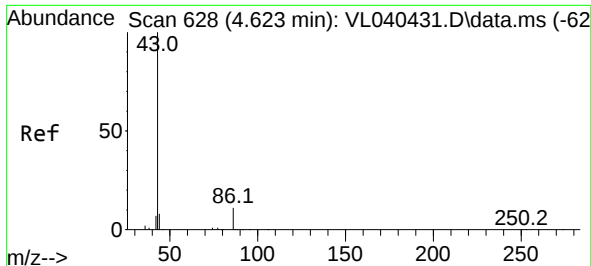
Ion Ratio Lower Upper

96 100

61 138.3 131.8 197.6

98 58.3 50.1 75.1

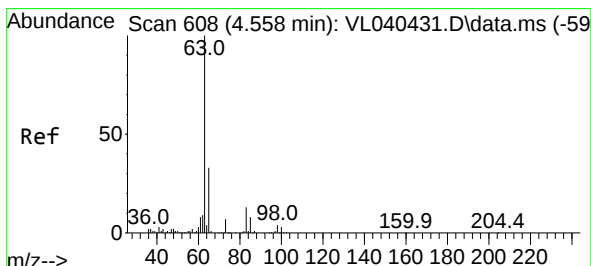
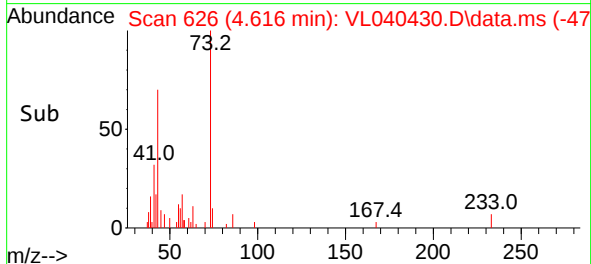
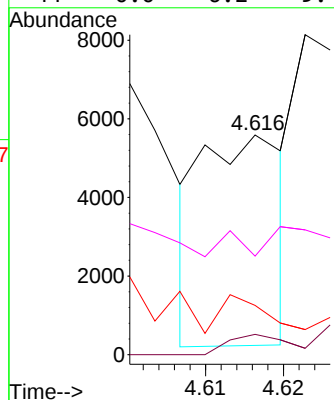
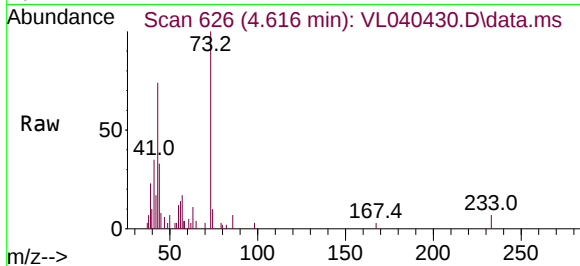




#23
 Vinyl Acetate
 Concen: 0.106 ppbv
 RT: 4.616 min Scan# 61
 Delta R.T. -0.019 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

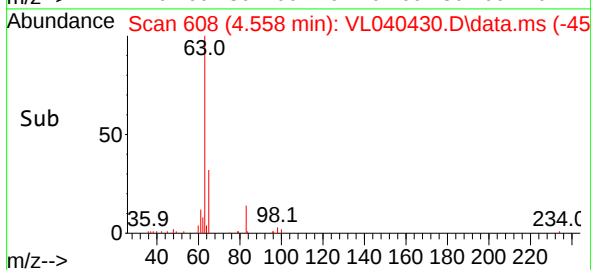
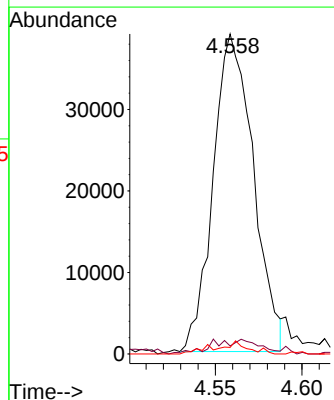
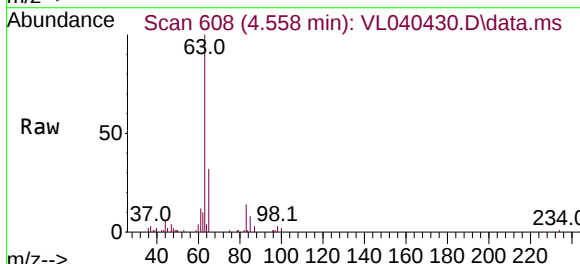
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

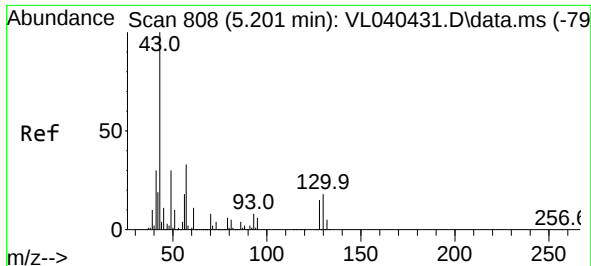
Tgt Ion: 43	Resp: 3871
Ion Ratio	Lower Upper
43 100	
86 41.0	5.4 8.2#
42 35.7	7.8 11.6#
44 0.0	6.2 9.4#



#24
 1,1-Dichloroethane
 Concen: 0.502 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.013 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

Tgt Ion: 63	Resp: 62957
Ion Ratio	Lower Upper
63 100	
98 2.0	2.0 5.8
100 2.1	1.4 4.2





#25

Ethyl Acetate

Concen: 0.461 ppbv

RT: 5.211 min Scan# 811

Delta R.T. -0.003 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 43 Resp: 115160

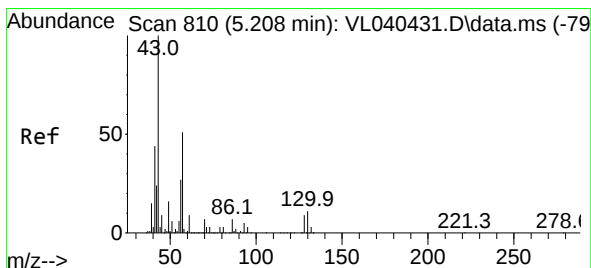
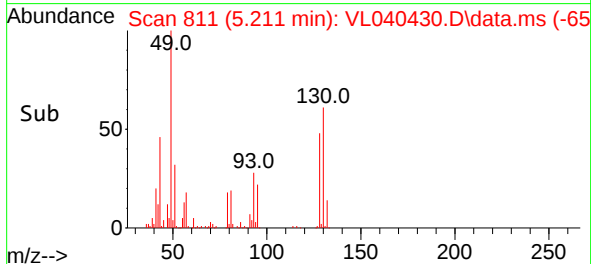
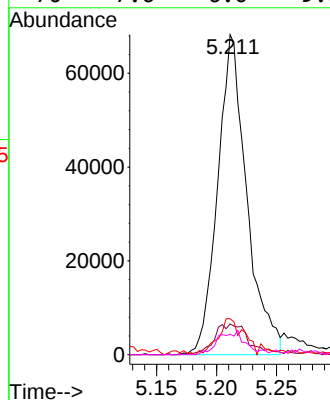
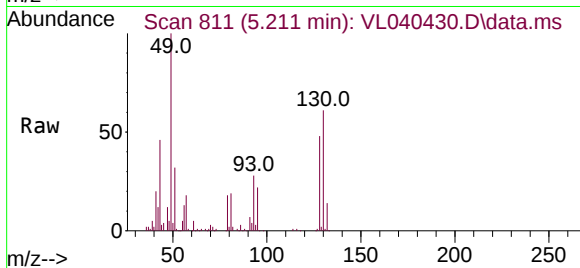
Ion Ratio Lower Upper

43 100

45 12.2 8.6 13.0

61 11.2 8.6 12.8

70 7.6 6.0 9.0



#26

Hexane

Concen: 0.467 ppbv

RT: 5.208 min Scan# 810

Delta R.T. -0.016 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Tgt Ion: 57 Resp: 48375

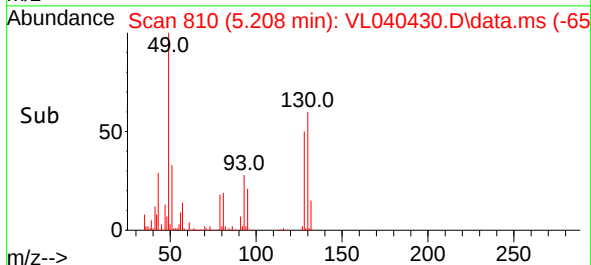
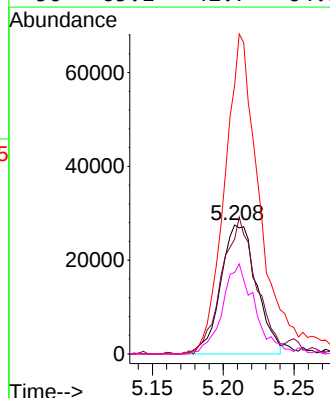
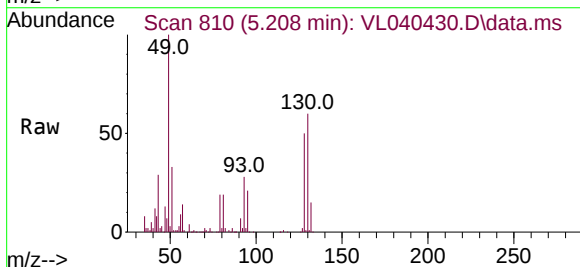
Ion Ratio Lower Upper

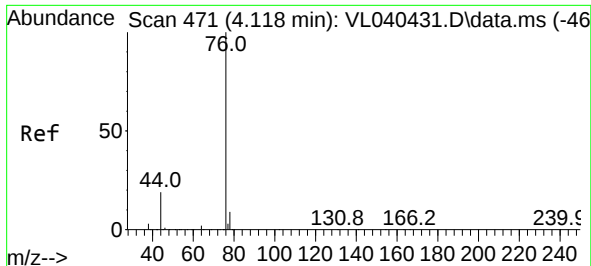
57 100

41 109.8 75.1 112.7

43 258.7 194.4 291.6

56 65.1 42.7 64.1#





#27

Carbon Disulfide

Concen: 0.454 ppbv

RT: 4.118 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

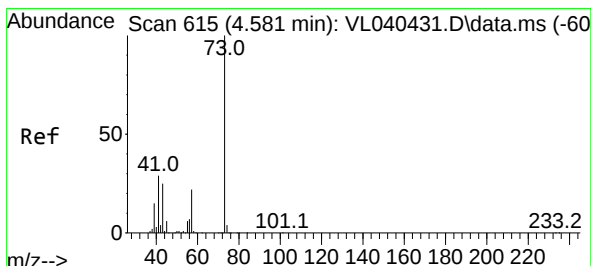
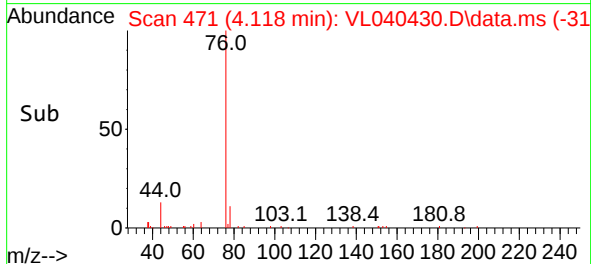
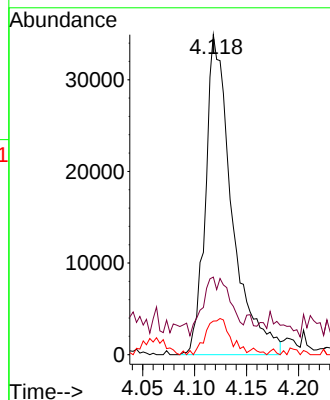
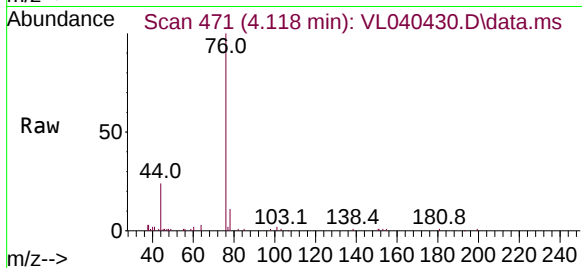
Tgt Ion: 76 Resp: 61788

Ion Ratio Lower Upper

76 100

44 25.9 15.3 22.9#

78 11.1 7.4 11.2



#28

Methyl tert-Butyl Ether

Concen: 0.439 ppbv

RT: 4.597 min Scan# 620

Delta R.T. 0.003 min

Lab File: VL040430.D

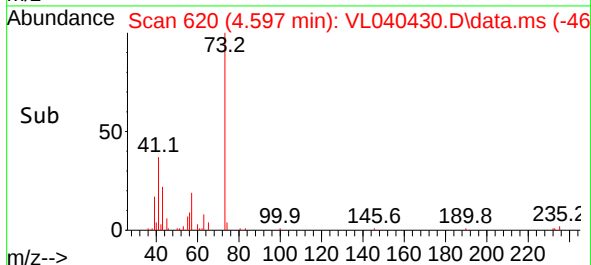
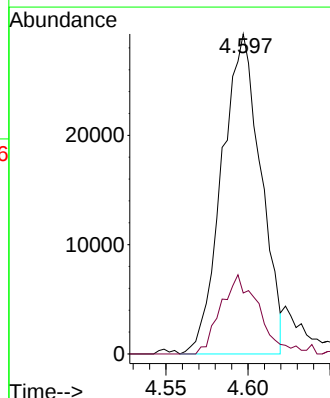
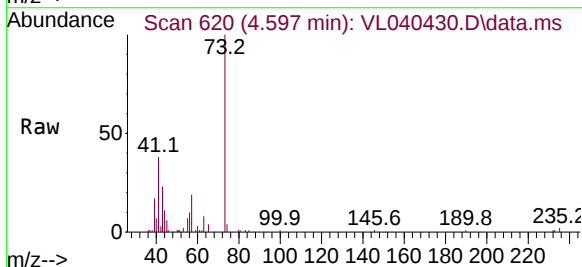
Acq: 16 May 2023 8:55

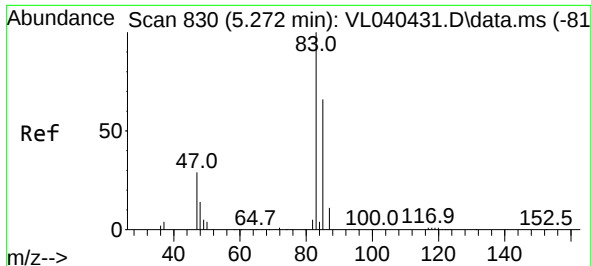
Tgt Ion: 73 Resp: 48286

Ion Ratio Lower Upper

73 100

57 25.2 18.9 28.3





#29

Chloroform

Concen: 0.501 ppbv

RT: 5.272 min Scan# 81

Delta R.T. -0.013 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_1

ClientSampleId :

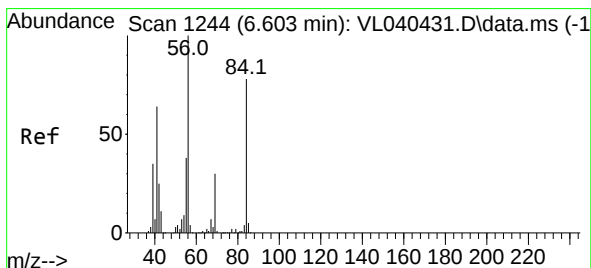
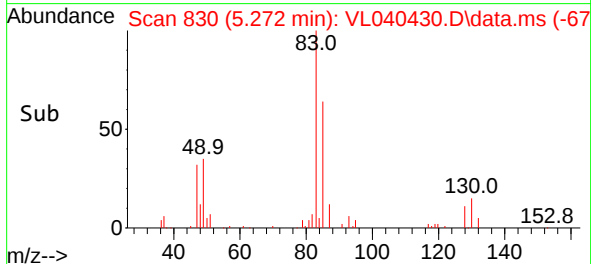
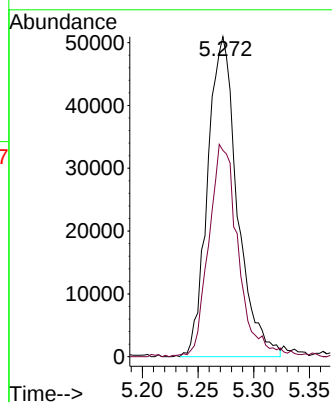
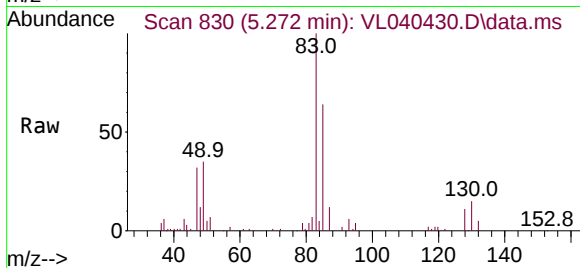
VSTDIC0.5

Tgt Ion: 83 Resp: 94564

Ion Ratio Lower Upper

83 100

85 63.8 52.4 78.6



#30

Cyclohexane

Concen: 0.363 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. -0.013 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

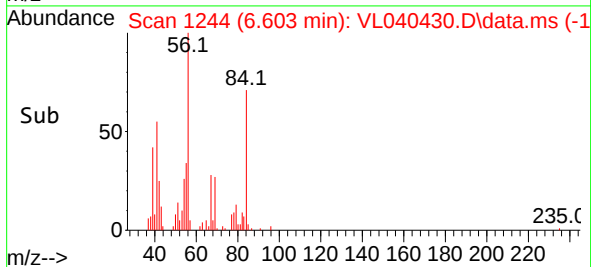
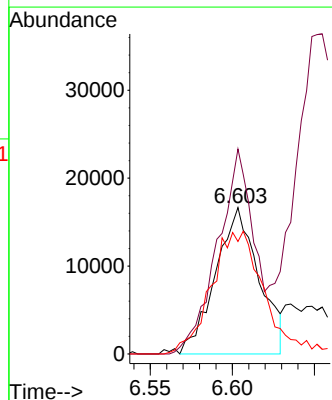
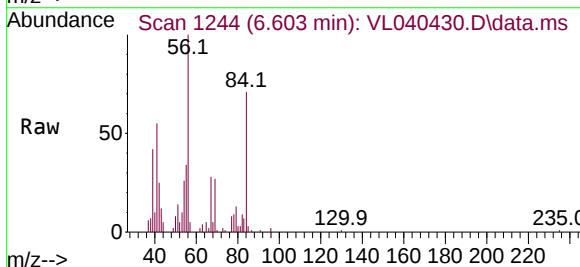
Tgt Ion: 84 Resp: 30573

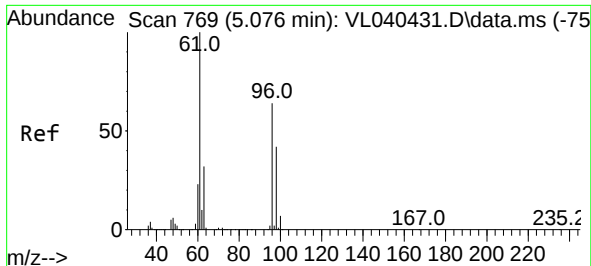
Ion Ratio Lower Upper

84 100

56 126.1 108.2 162.4

41 103.7 66.9 100.3#

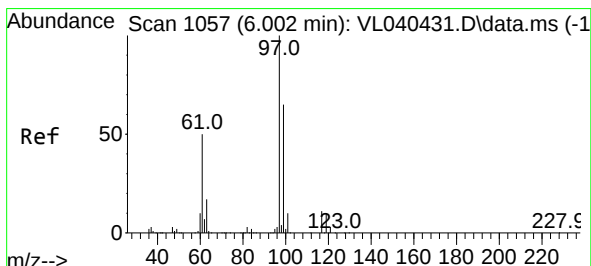
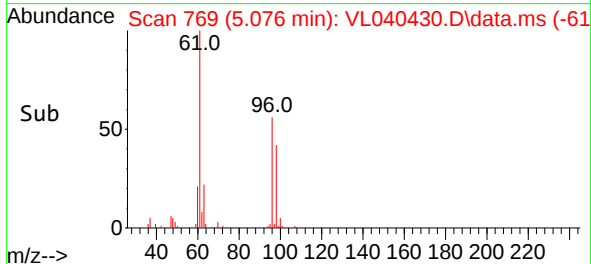
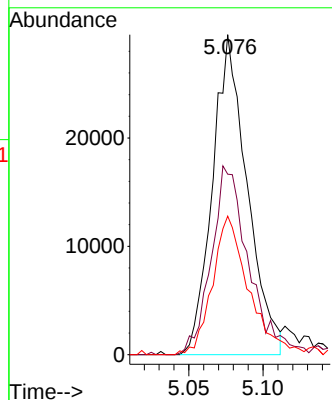
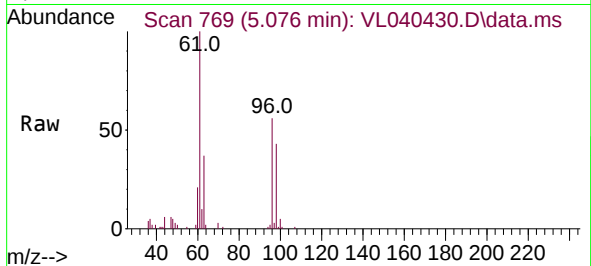




#31
 cis-1,2-Dichloroethene
 Concen: 0.469 ppbv
 RT: 5.076 min Scan# 769
 Delta R.T. -0.013 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

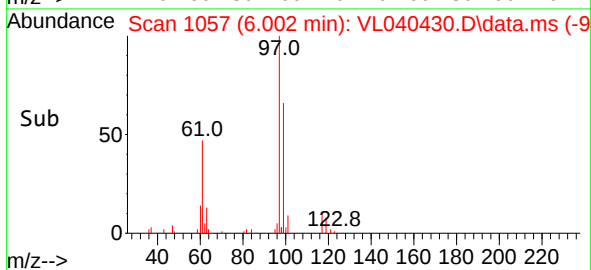
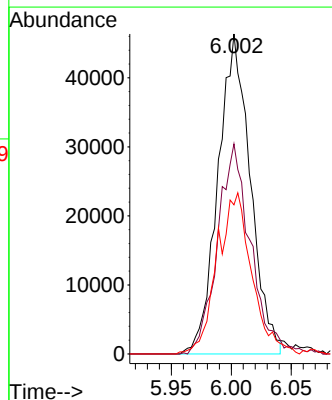
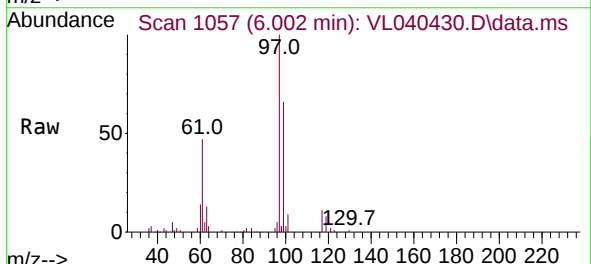
Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

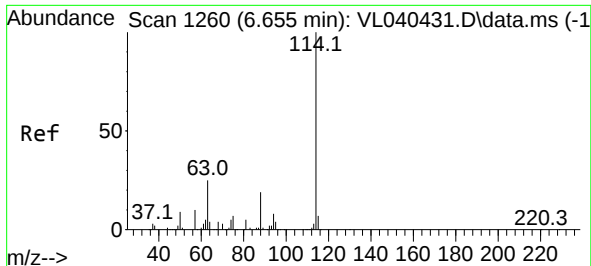
Tgt Ion: 61 Resp: 48094
 Ion Ratio Lower Upper
 61 100
 96 55.9 51.4 77.0
 98 42.1 33.6 50.4



#32
 1,1,1-Trichloroethane
 Concen: 0.443 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. -0.013 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

Tgt Ion: 97 Resp: 86889
 Ion Ratio Lower Upper
 97 100
 99 67.4 52.2 78.2
 61 54.6 40.2 60.4





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 114

Delta R.T. -0.019 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

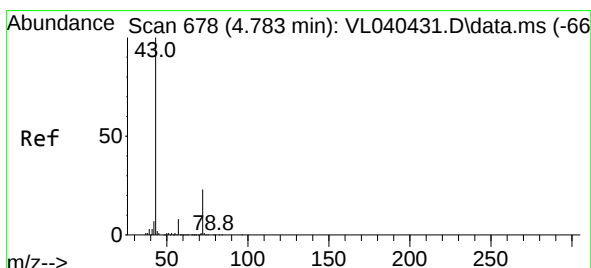
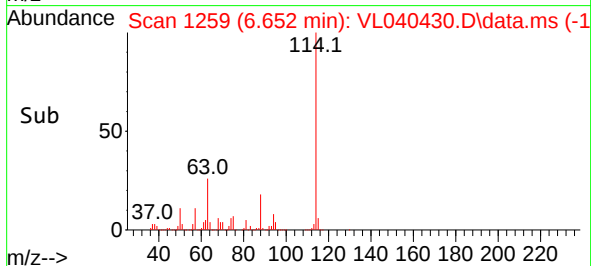
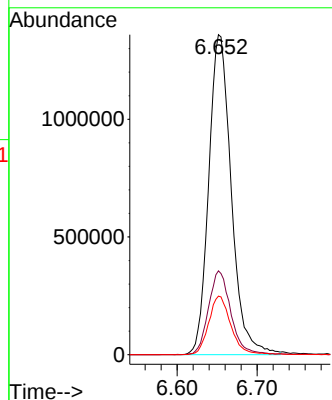
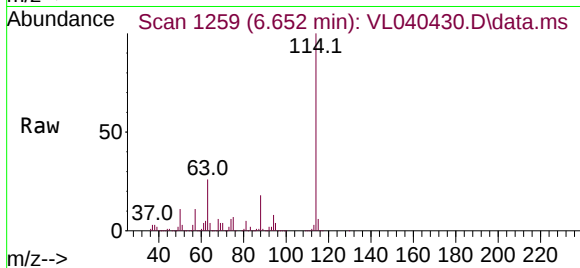
Tgt Ion:114 Resp: 2663416

Ion Ratio Lower Upper

114 100

63 26.2 21.0 31.6

88 18.1 14.6 22.0



#34

2-Butanone

Concen: 0.468 ppbv

RT: 4.796 min Scan# 682

Delta R.T. 0.000 min

Lab File: VL040430.D

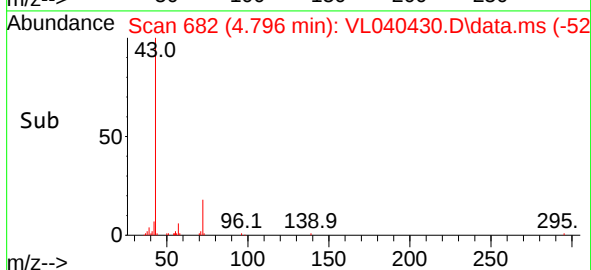
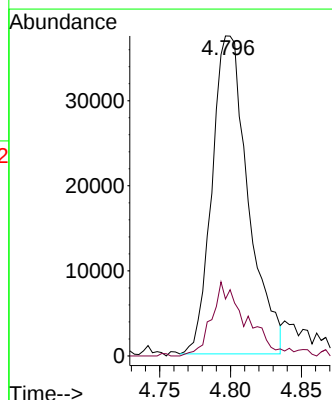
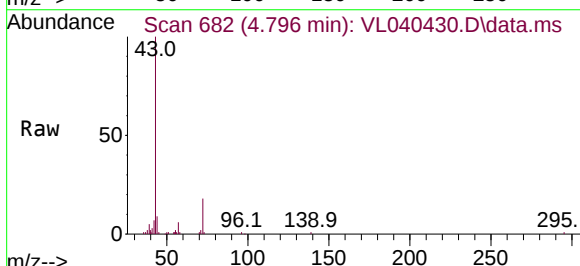
Acq: 16 May 2023 8:55

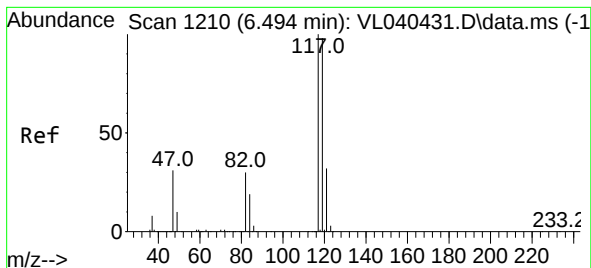
Tgt Ion: 43 Resp: 66344

Ion Ratio Lower Upper

43 100

72 23.9 18.3 27.5





#35

Carbon Tetrachloride

Concen: 0.452 ppbv

RT: 6.494 min Scan# 1170

Delta R.T. -0.016 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

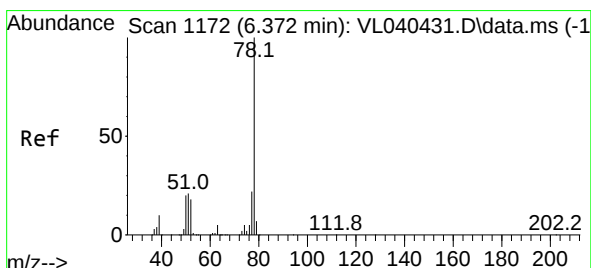
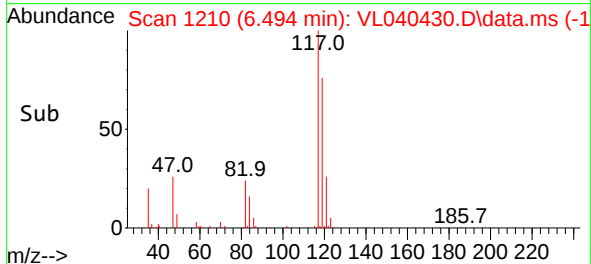
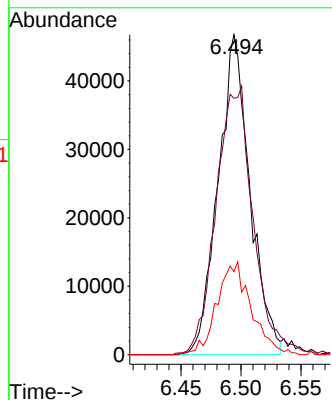
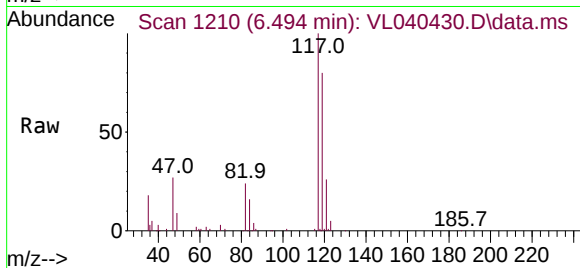
Tgt Ion:117 Resp: 86419

Ion Ratio Lower Upper

117 100

119 79.7 78.0 117.0

121 25.4 25.2 37.8



#36

Benzene

Concen: 0.440 ppbv

RT: 6.372 min Scan# 1172

Delta R.T. -0.013 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

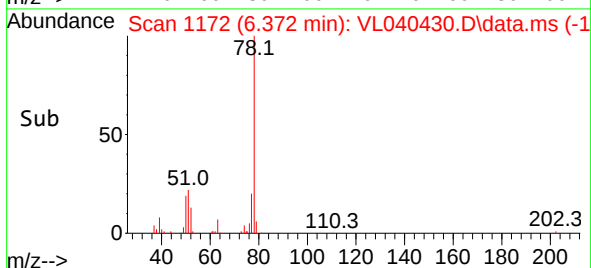
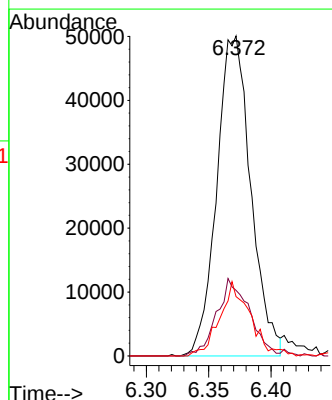
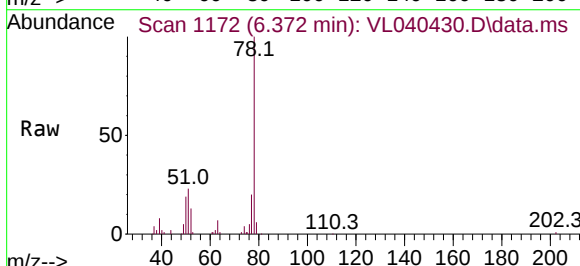
Tgt Ion: 78 Resp: 95153

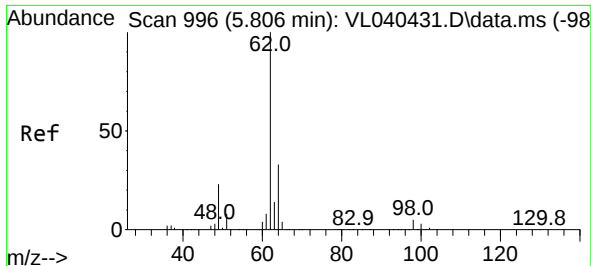
Ion Ratio Lower Upper

78 100

77 20.5 17.7 26.5

50 18.5 15.8 23.8

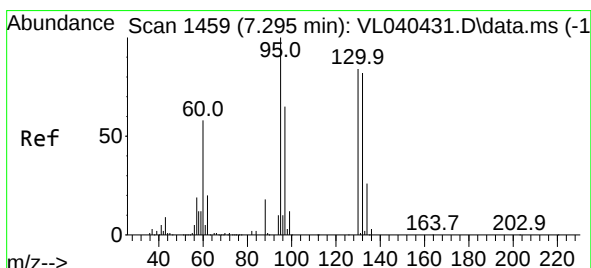
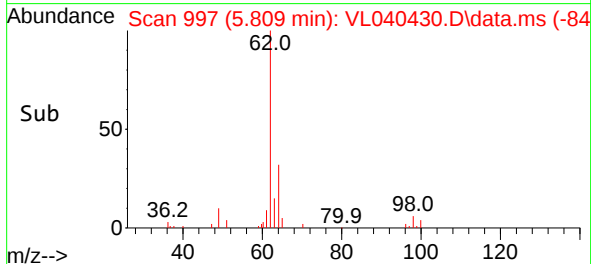
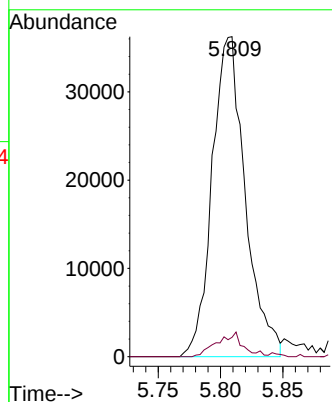
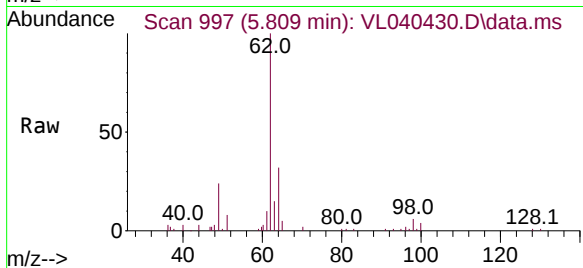




#37
1,2-Dichloroethane
Concen: 0.474 ppbv
RT: 5.809 min Scan# 996
Delta R.T. -0.009 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

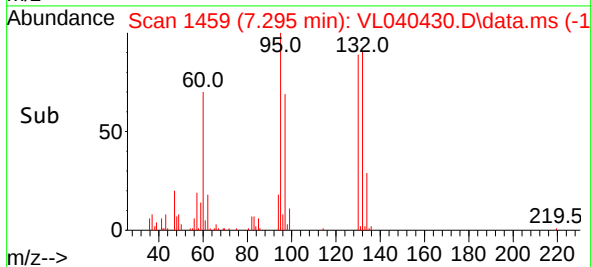
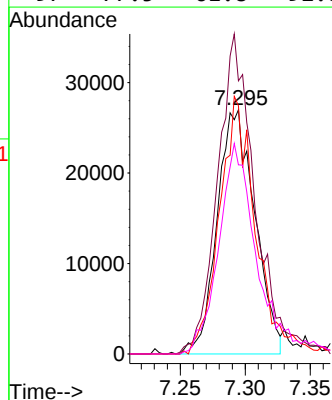
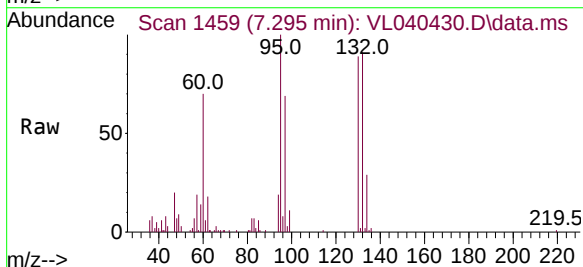
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

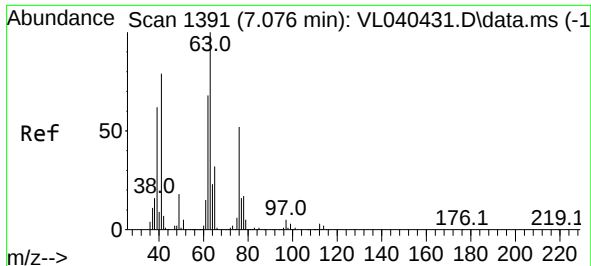
Tgt Ion: 62 Resp: 66968
Ion Ratio Lower Upper
62 100
98 6.4 4.5 6.7



#38
Trichloroethene
Concen: 0.409 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. -0.016 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion:130 Resp: 54443
Ion Ratio Lower Upper
130 100
95 111.1 94.8 142.2
132 101.6 78.2 117.4
97 77.5 61.8 92.8





#39

1,2-Dichloropropane

Concen: 0.232 ppbv

RT: 7.076 min Scan# 11

Delta R.T. -0.013 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

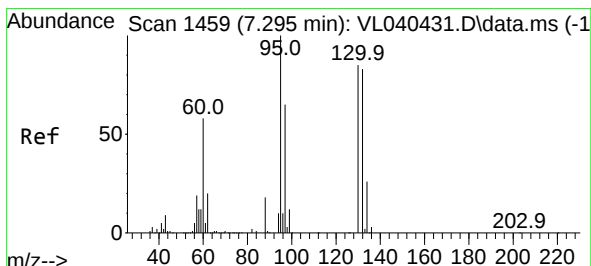
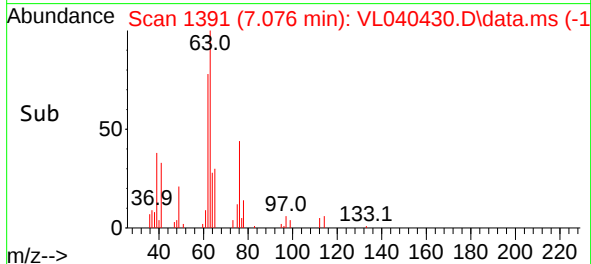
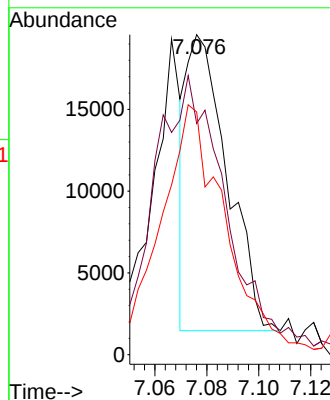
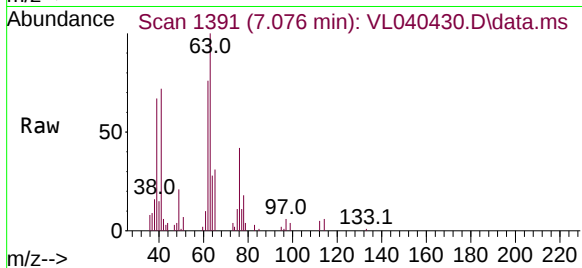
Tgt Ion: 63 Resp: 19695

Ion Ratio Lower Upper

63 100

41 70.9 63.3 94.9

62 74.8 54.2 81.4



#40

1,4-Dioxane

Concen: 0.142 ppbv

RT: 7.320 min Scan# 1467

Delta R.T. 0.016 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Tgt Ion: 88 Resp: 4565

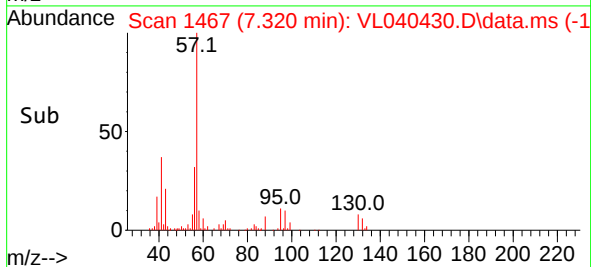
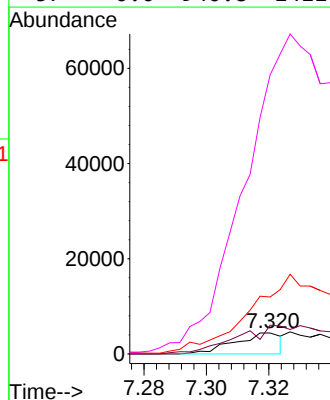
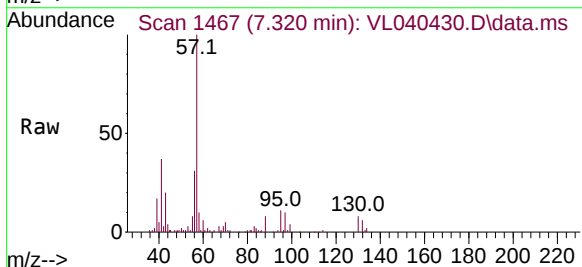
Ion Ratio Lower Upper

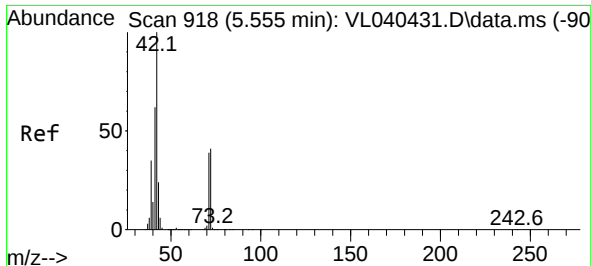
88 100

58 362.8 101.5 152.3#

43 0.0 211.7 317.5#

57 0.0 940.8 1411.2#





#41

Tetrahydrofuran

Concen: 0.114 ppbv

RT: 5.571 min Scan# 918

Delta R.T. 0.003 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

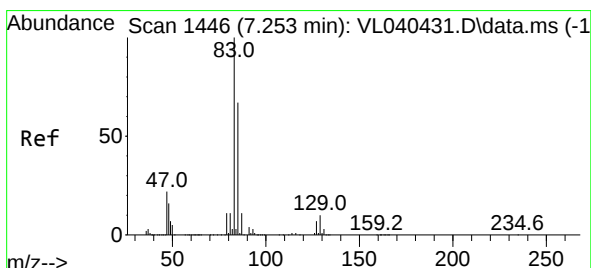
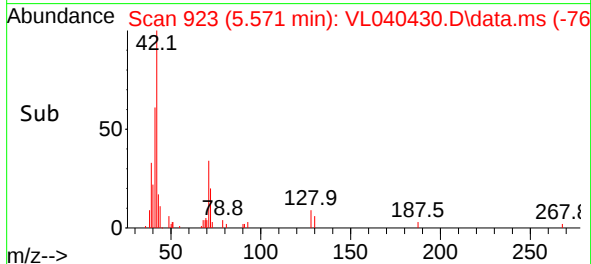
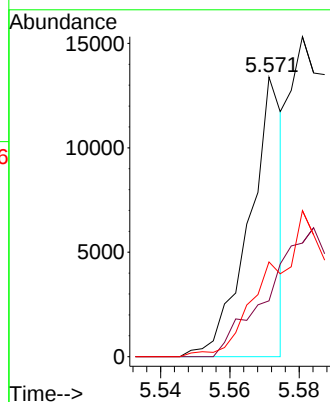
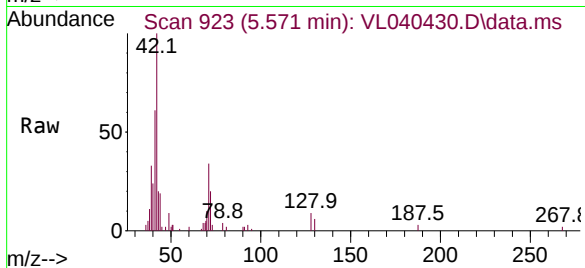
Tgt Ion: 42 Resp: 8942

Ion Ratio Lower Upper

42 100

72 0.0 33.0 49.4#

71 0.0 32.2 48.2#



#42

Bromodichloromethane

Concen: 0.468 ppbv

RT: 7.246 min Scan# 1444

Delta R.T. -0.019 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

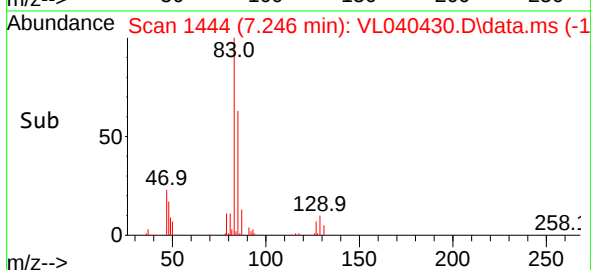
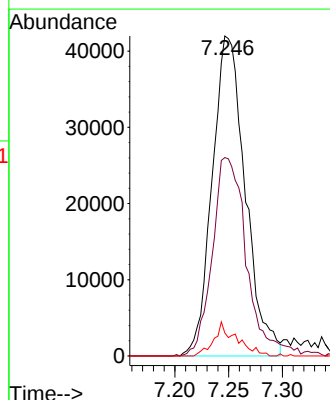
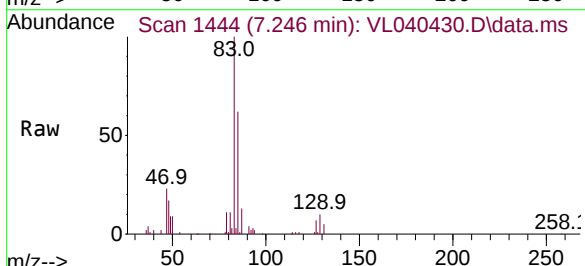
Tgt Ion: 83 Resp: 89590

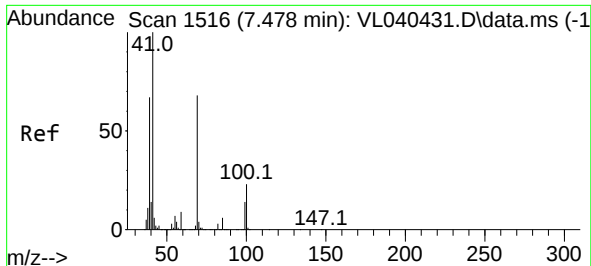
Ion Ratio Lower Upper

83 100

85 62.0 53.6 80.4

127 7.2 5.9 8.9





#43

Methyl Methacrylate

Concen: 0.389 ppbv

RT: 7.484 min Scan# 1516

Delta R.T. -0.006 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_1

ClientSampleId :

VSTDIC0.5

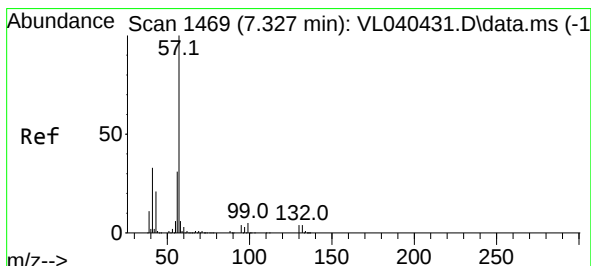
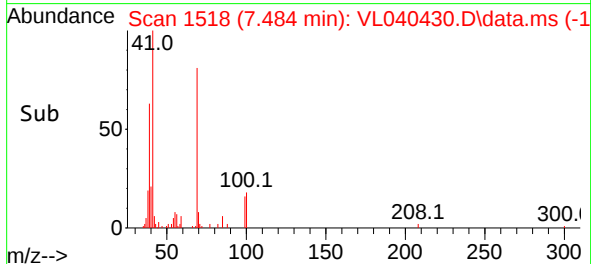
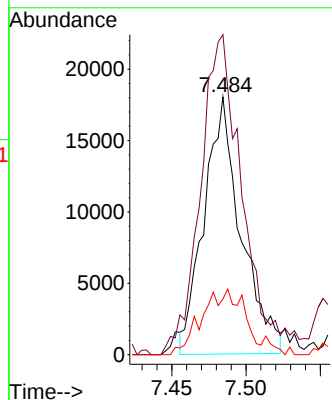
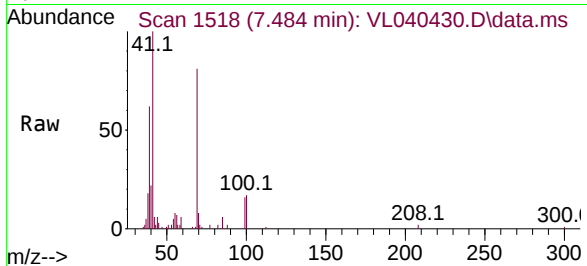
Tgt Ion: 69 Resp: 31154

Ion Ratio Lower Upper

69 100

41 142.3 114.8 172.2

100 31.2 25.4 38.0



#44

2,2,4-Trimethylpentane

Concen: 0.424 ppbv

RT: 7.327 min Scan# 1469

Delta R.T. -0.016 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

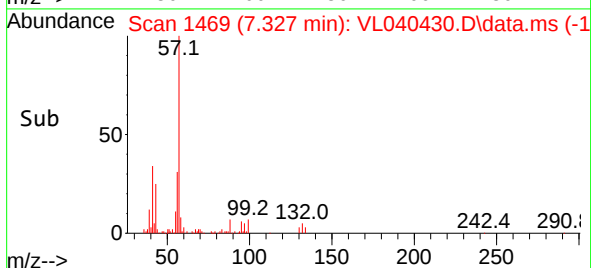
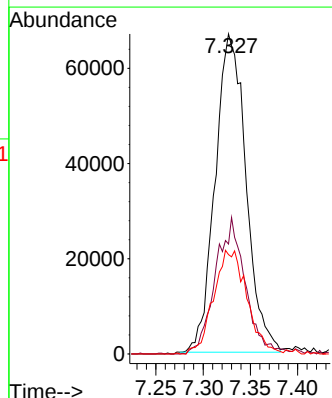
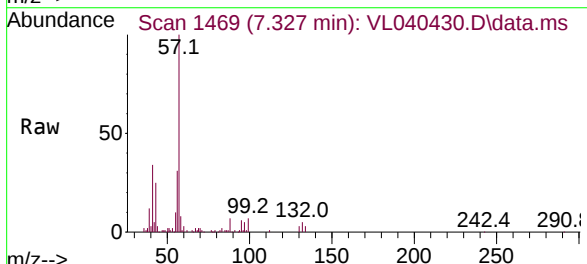
Tgt Ion: 57 Resp: 151707

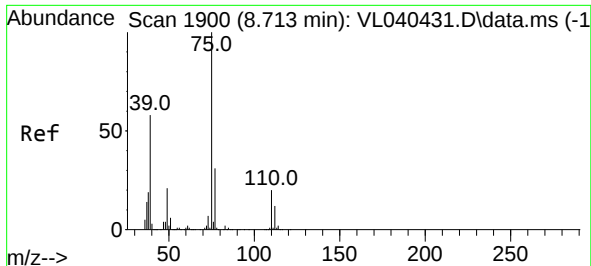
Ion Ratio Lower Upper

57 100

41 42.1 27.0 40.4#

56 35.9 25.0 37.4

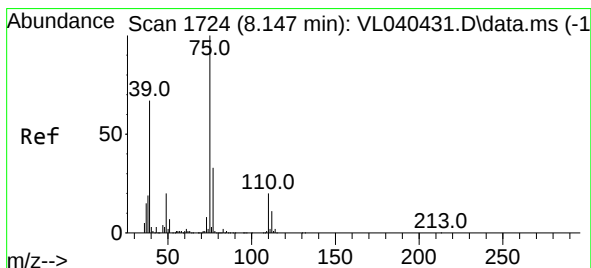
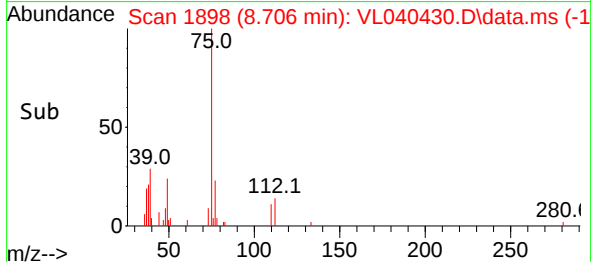
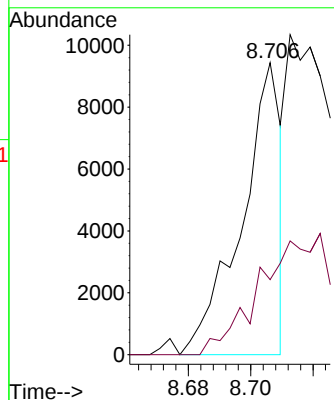
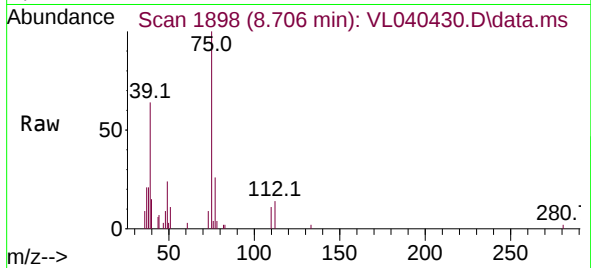




#45
 t-1,3-Dichloropropene
 Concen: 0.118 ppbv
 RT: 8.706 min Scan# 1898
 Delta R.T. -0.022 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

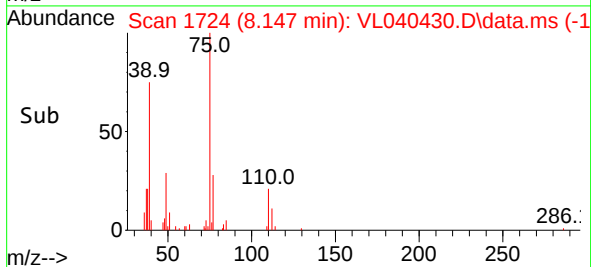
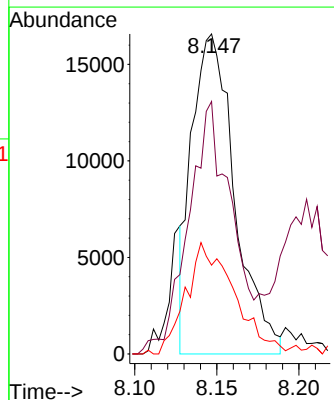
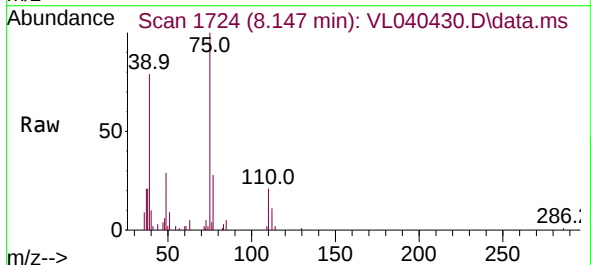
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

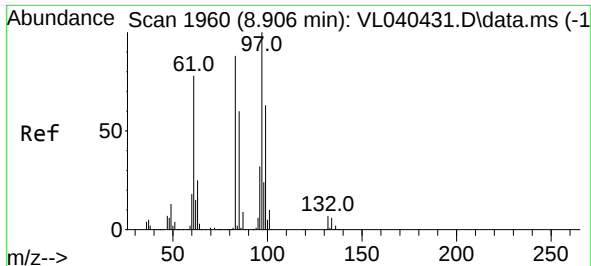
Tgt Ion: 75 Resp: 8255
 Ion Ratio Lower Upper
 75 100
 77 25.7 25.0 37.6



#46
 cis-1,3-Dichloropropene
 Concen: 0.305 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. -0.016 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

Tgt Ion: 75 Resp: 30219
 Ion Ratio Lower Upper
 75 100
 39 57.2 53.8 80.8
 77 26.6 26.3 39.5





#47

1,1,2-Trichloroethane

Concen: 0.246 ppbv

RT: 8.902 min Scan# 1959

Delta R.T. -0.019 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 97 Resp: 22797

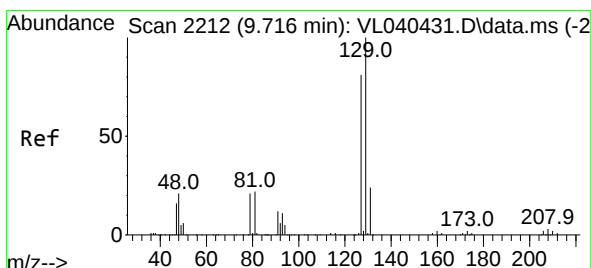
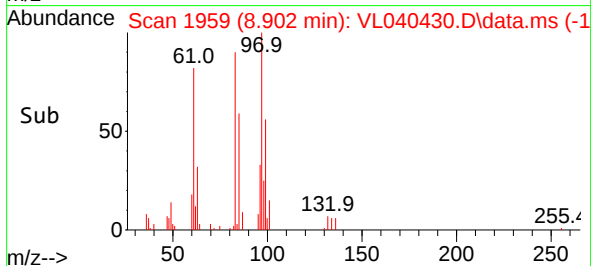
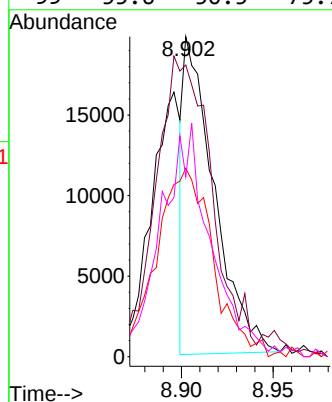
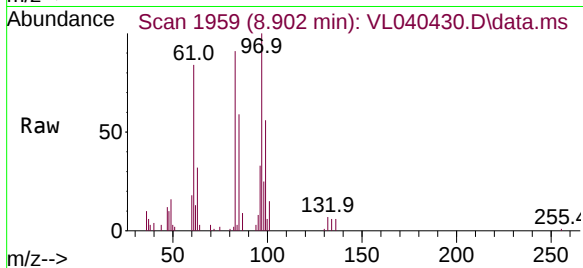
Ion Ratio Lower Upper

97 100

83 87.2 70.3 105.5

85 58.3 47.7 71.5

99 55.6 50.5 75.7



#48

Dibromochloromethane

Concen: 0.407 ppbv

RT: 9.713 min Scan# 2211

Delta R.T. -0.019 min

Lab File: VL040430.D

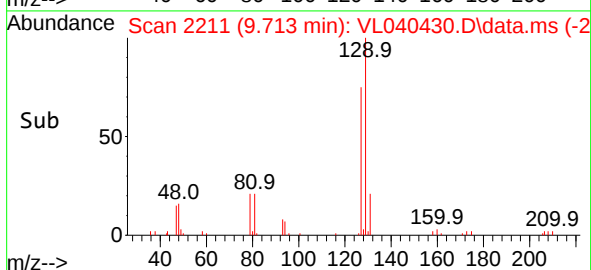
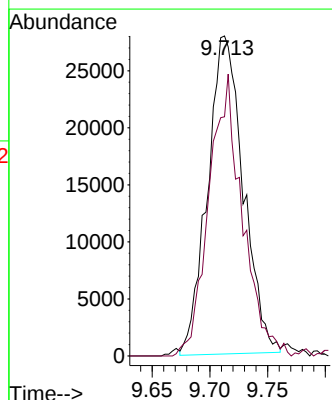
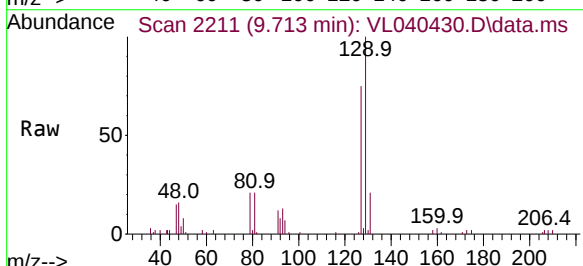
Acq: 16 May 2023 8:55

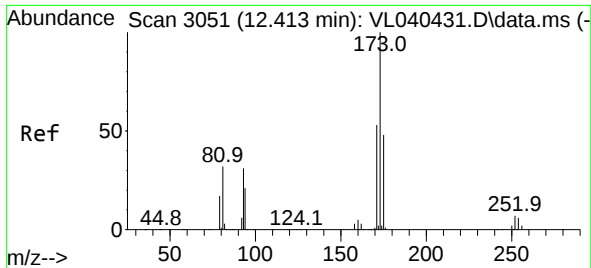
Tgt Ion: 129 Resp: 60059

Ion Ratio Lower Upper

129 100

127 83.5 39.2 117.6

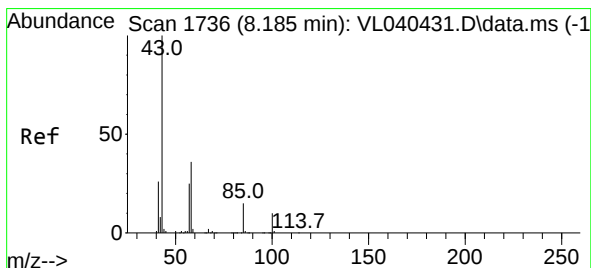
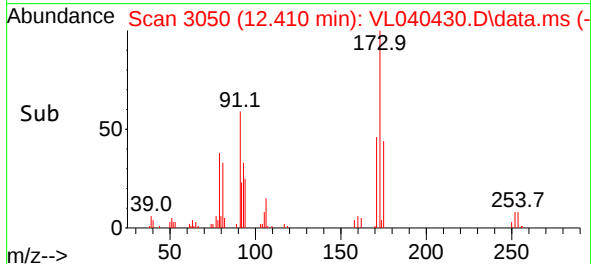
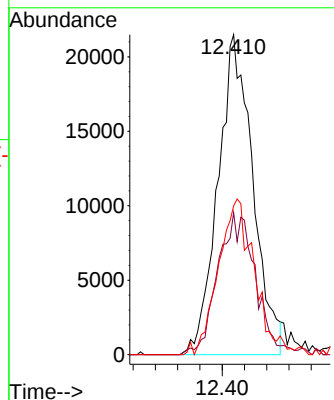
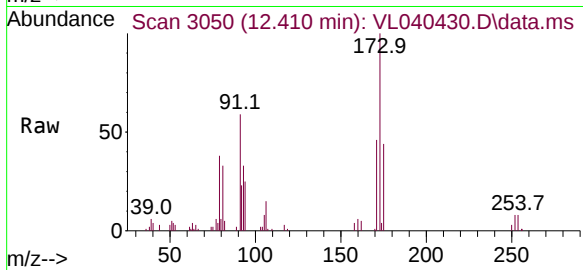




#49
Bromoform
Concen: 0.400 ppbv
RT: 12.410 min Scan# 3050
Delta R.T. -0.022 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

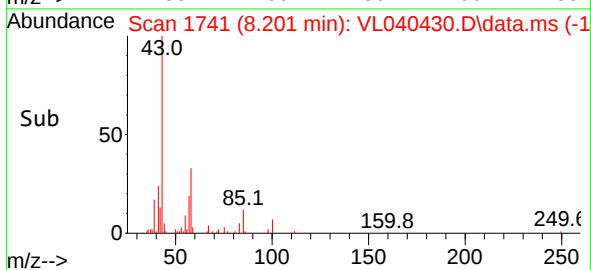
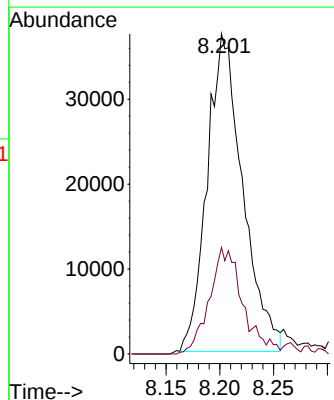
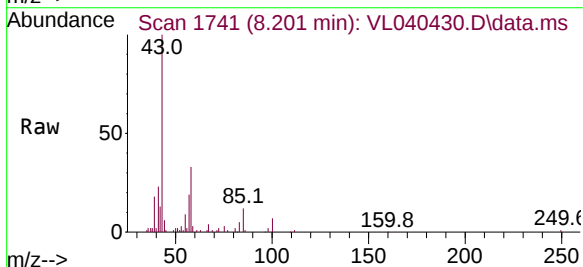
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

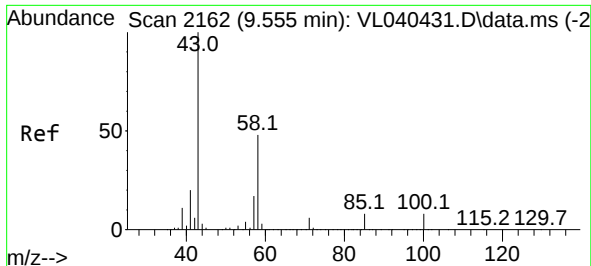
Tgt Ion:173 Resp: 46642
Ion Ratio Lower Upper
173 100
175 48.5 39.4 59.2
171 50.6 42.0 63.0



#50
4-Methyl-2-Pentanone
Concen: 0.393 ppbv
RT: 8.201 min Scan# 1741
Delta R.T. 0.003 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion: 43 Resp: 86067
Ion Ratio Lower Upper
43 100
58 32.9 28.8 43.2

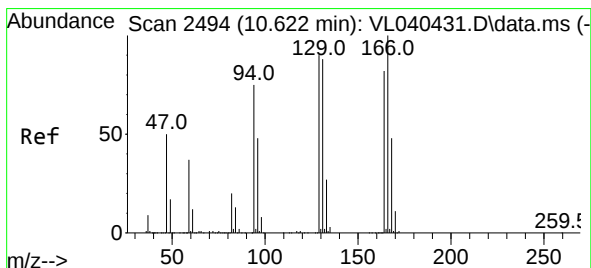
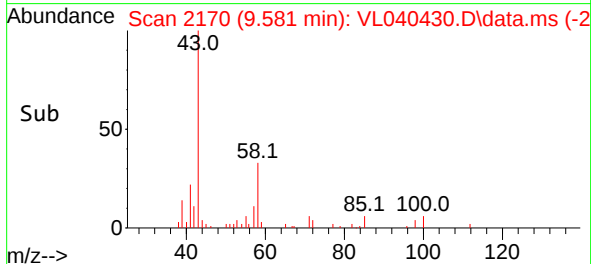
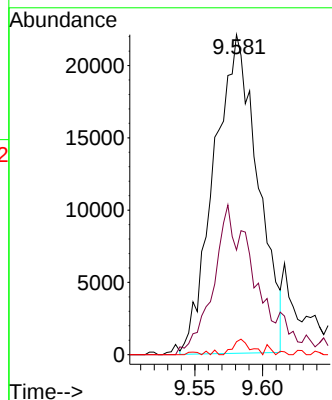
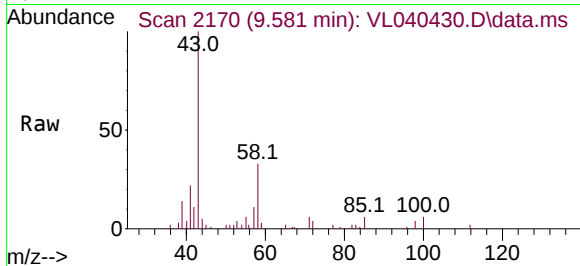




#51
2-Hexanone
Concen: 0.308 ppbv
RT: 9.581 min Scan# 2162
Delta R.T. 0.013 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

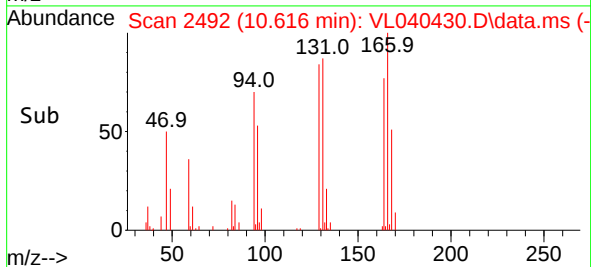
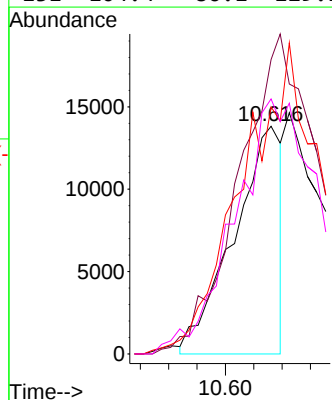
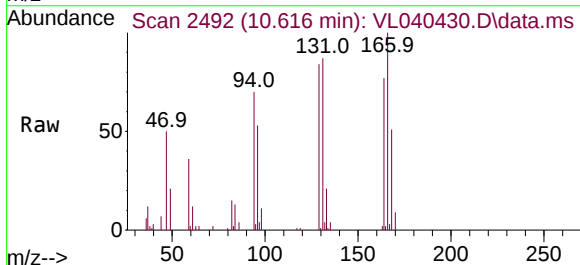
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

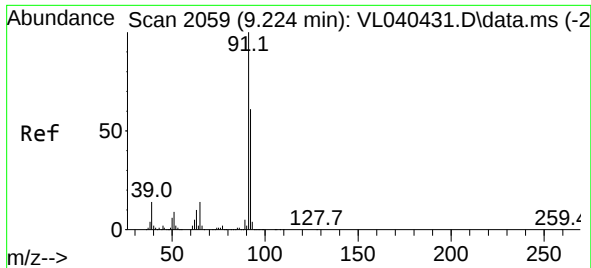
Tgt Ion: 43 Resp: 49685
Ion Ratio Lower Upper
43 100
58 46.7 38.5 57.7
98 2.6 0.2 0.4



#52
Tetrachloroethene
Concen: 0.220 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.022 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion: 164 Resp: 16143
Ion Ratio Lower Upper
164 100
166 125.8 97.8 146.6
129 105.9 88.4 132.6
131 104.4 86.1 129.1

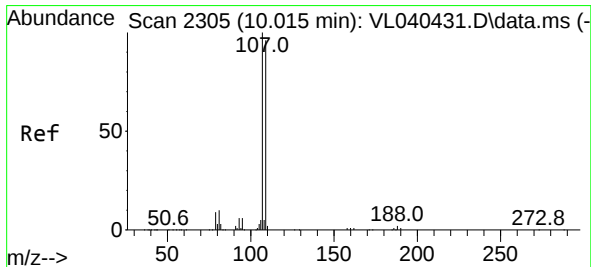
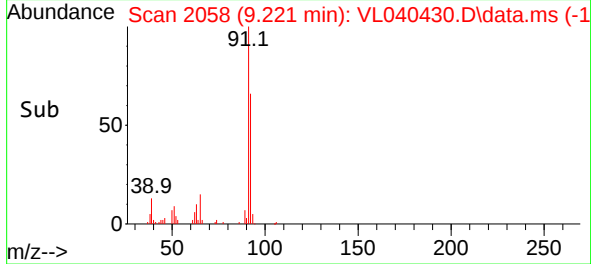
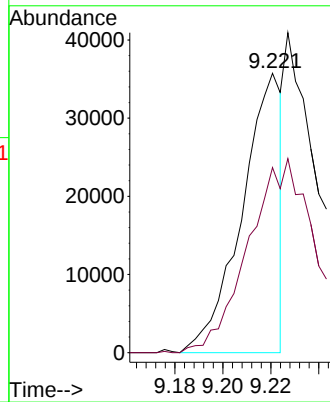
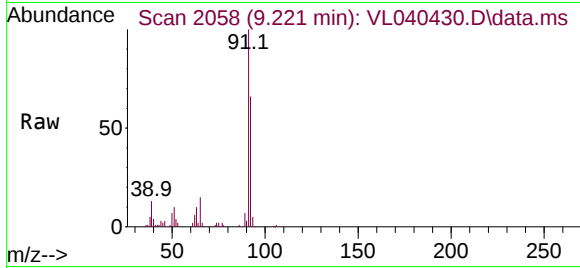




#53
Toluene
Concen: 0.180 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. -0.022 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

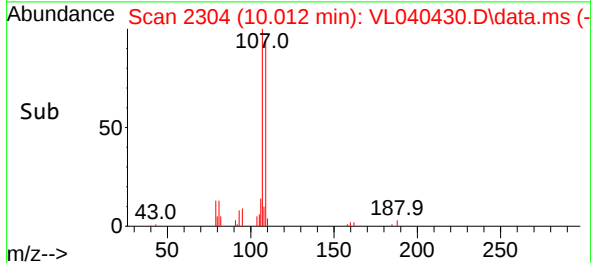
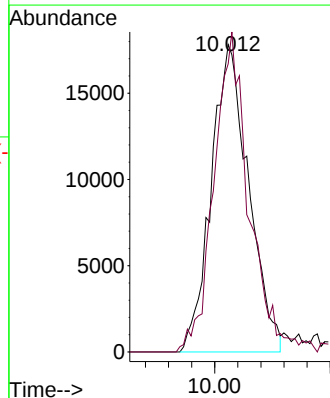
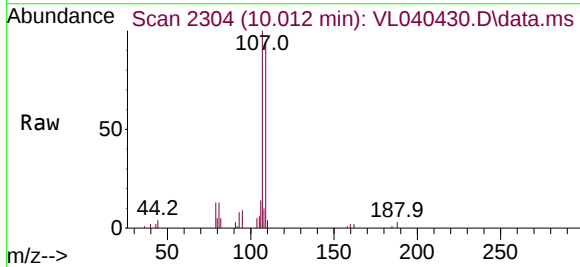
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

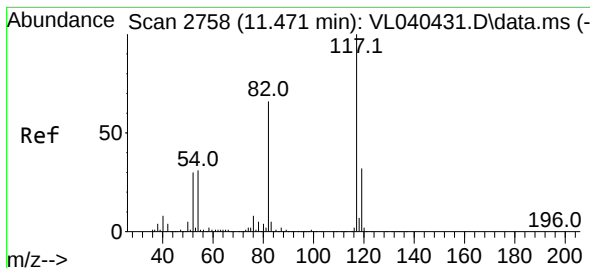
Tgt Ion: 91 Resp: 41073
Ion Ratio Lower Upper
91 100
92 0.0 49.1 73.7#



#54
1,2-Dibromoethane
Concen: 0.433 ppbv
RT: 10.012 min Scan# 2304
Delta R.T. -0.019 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion: 107 Resp: 40032
Ion Ratio Lower Upper
107 100
109 92.0 76.7 115.1

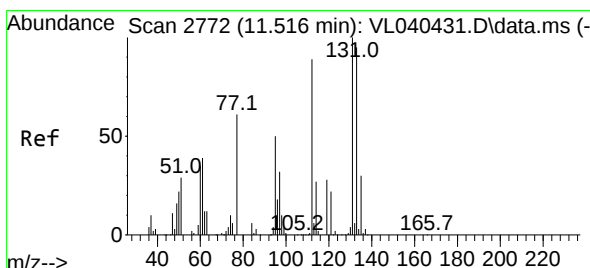
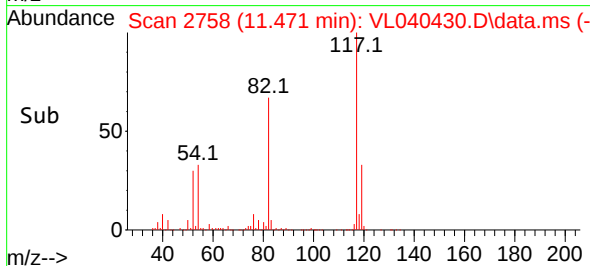
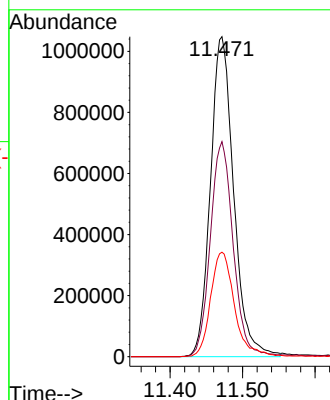
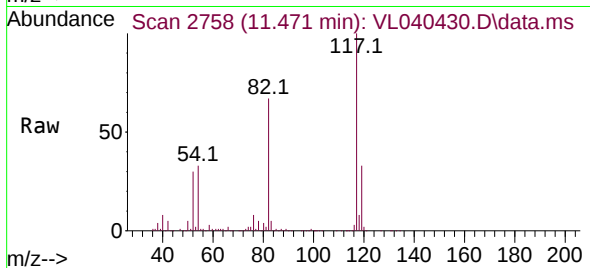




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. -0.019 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

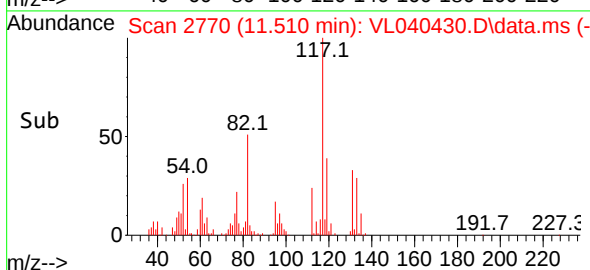
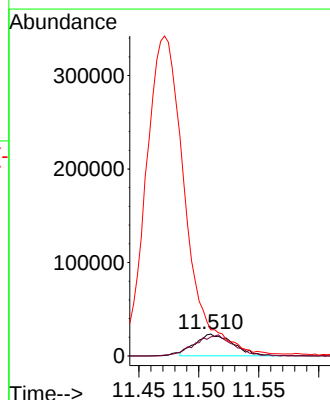
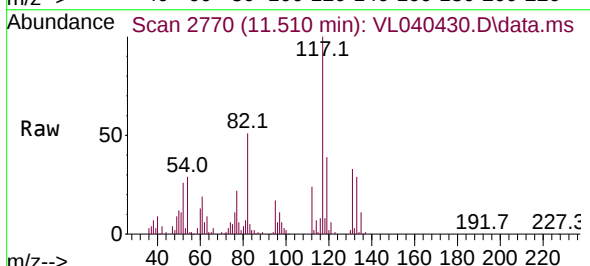
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

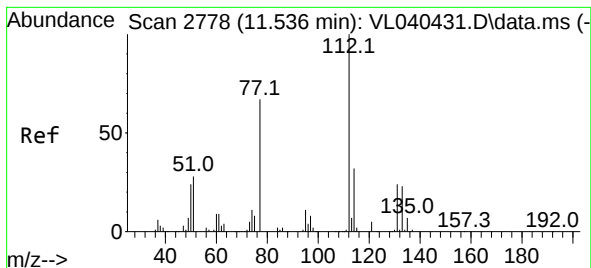
Tgt Ion:117 Resp: 2335070
Ion Ratio Lower Upper
117 100
82 67.0 52.5 78.7
119 33.8 24.0 36.0



#56
1,1,1,2-Tetrachloroethane
Concen: 0.466 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.019 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion:131 Resp: 50448
Ion Ratio Lower Upper
131 100
133 100.6 75.8 113.8
119 0.0 48.7 73.1#





#57

Chlorobenzene

Concen: 0.500 ppbv

RT: 11.526 min Scan# 21

Delta R.T. -0.026 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

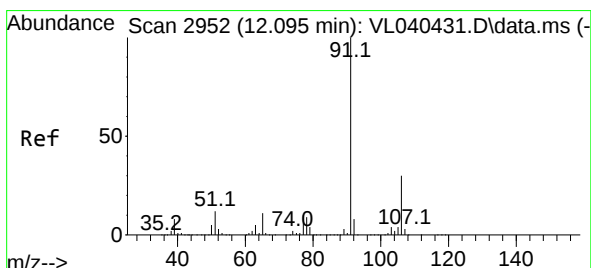
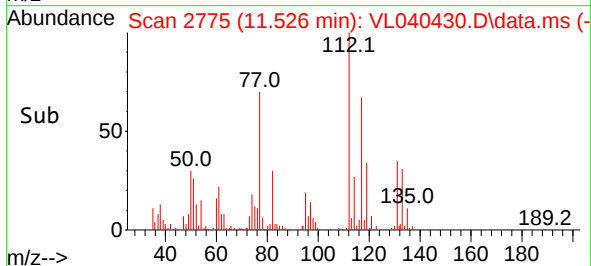
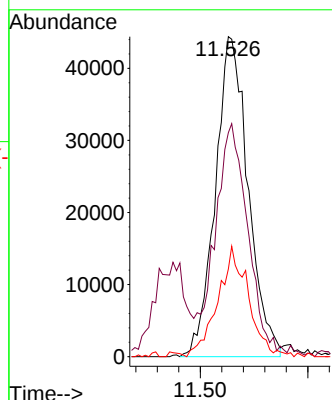
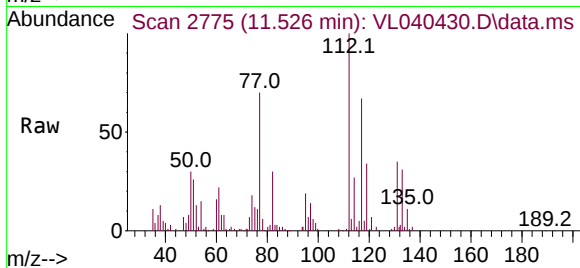
Tgt Ion:112 Resp: 93968

Ion Ratio Lower Upper

112 100

77 66.7 54.7 82.1

114 26.4 29.0 35.4#



#58

Ethyl Benzene

Concen: 0.348 ppbv

RT: 12.092 min Scan# 2951

Delta R.T. -0.019 min

Lab File: VL040430.D

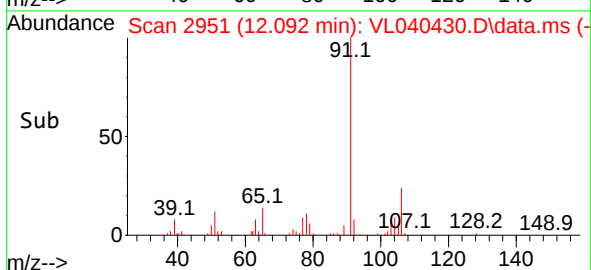
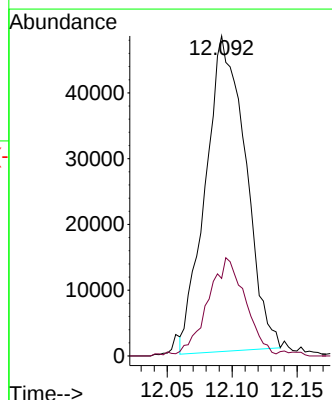
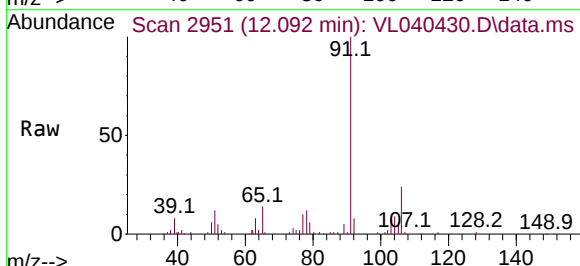
Acq: 16 May 2023 8:55

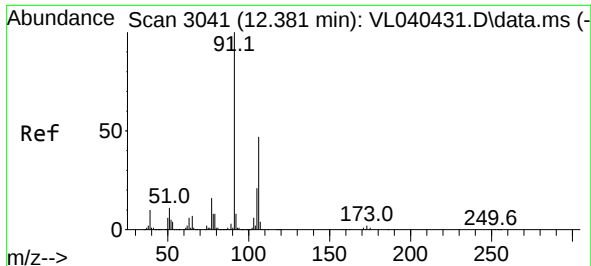
Tgt Ion: 91 Resp: 102700

Ion Ratio Lower Upper

91 100

106 23.5 23.8 35.8#





#59

m/p-Xylene

Concen: 0.472 ppbv

RT: 12.378 min Scan# 3040

Delta R.T. -0.019 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

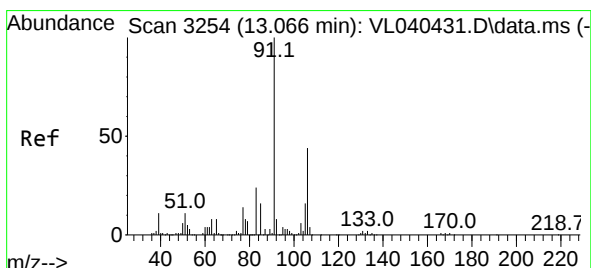
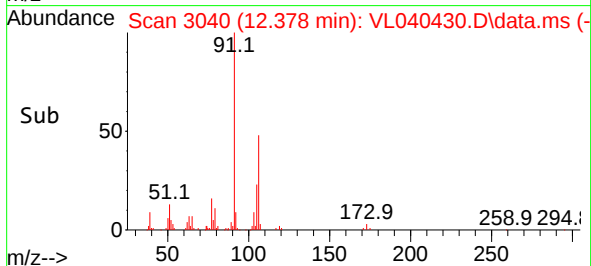
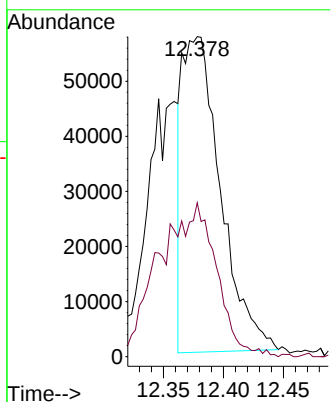
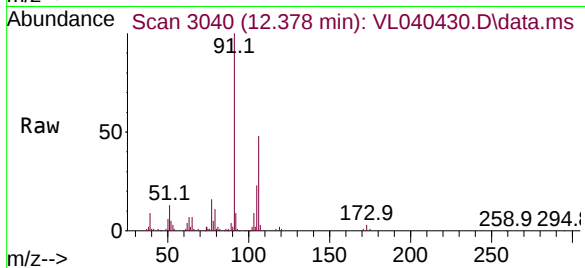
VSTDIC0.5

Tgt Ion: 91 Resp: 127312

Ion Ratio Lower Upper

91 100

106 74.0 34.9 52.3#



#60

o-Xylene

Concen: 0.397 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. -0.022 min

Lab File: VL040430.D

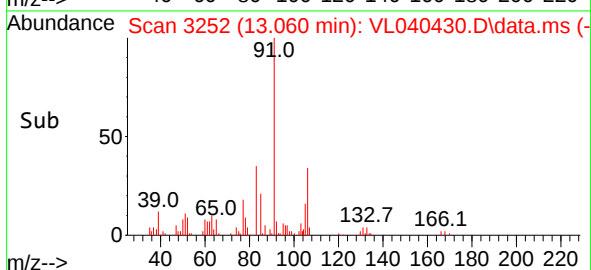
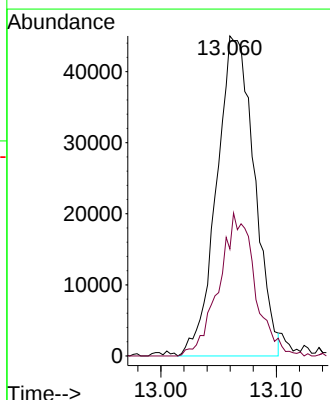
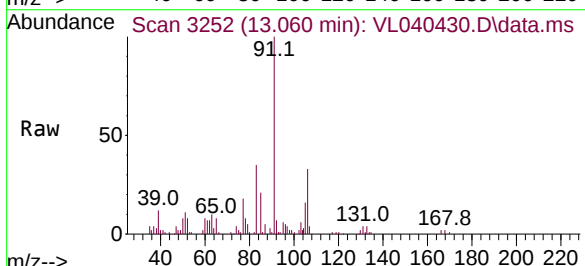
Acq: 16 May 2023 8:55

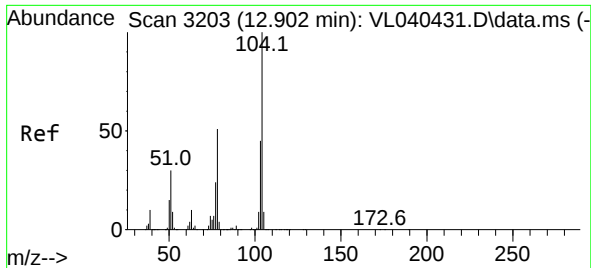
Tgt Ion: 91 Resp: 101786

Ion Ratio Lower Upper

91 100

106 42.9 21.8 65.4

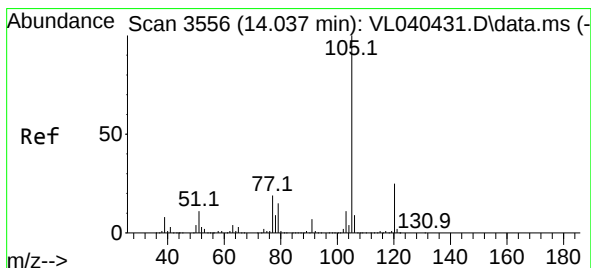
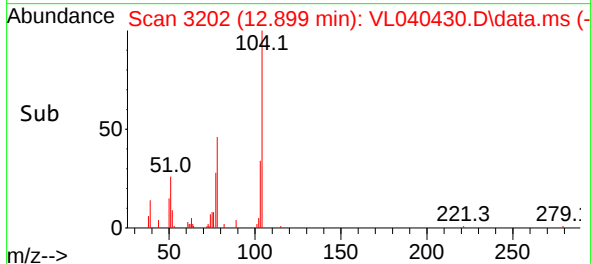
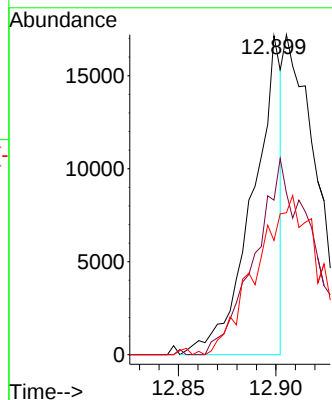
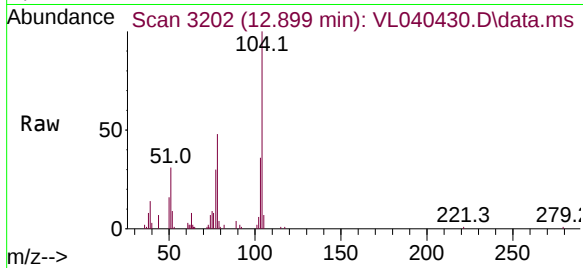




#61
Styrene
Concen: 0.136 ppbv
RT: 12.899 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

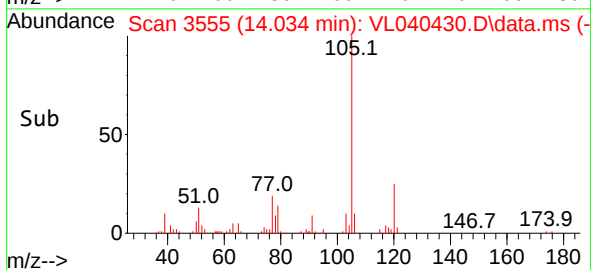
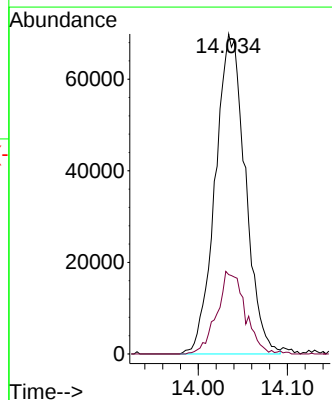
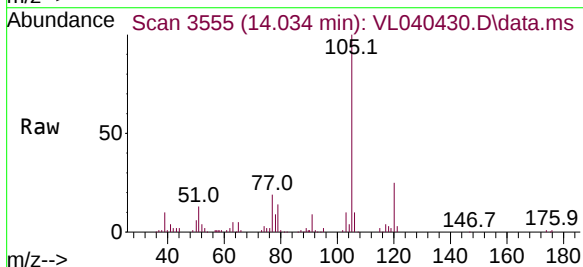
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

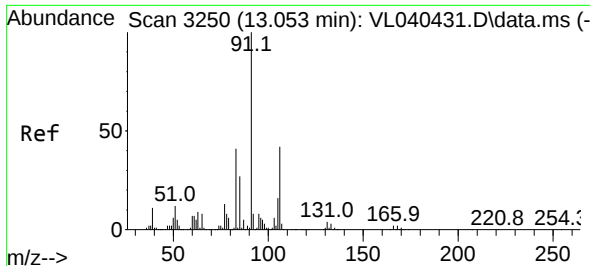
Tgt Ion:104 Resp: 17623
Ion Ratio Lower Upper
104 100
78 0.0 43.3 64.9#
103 0.0 37.4 56.2#



#62
Isopropylbenzene
Concen: 0.436 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. -0.022 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion:105 Resp: 163512
Ion Ratio Lower Upper
105 100
120 24.4 20.0 30.0

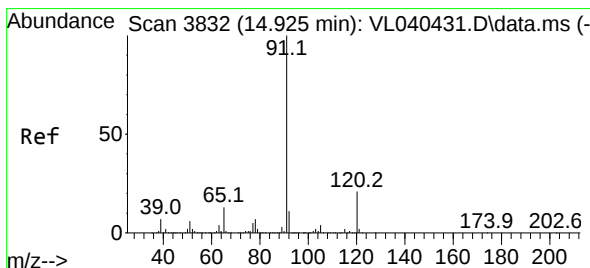
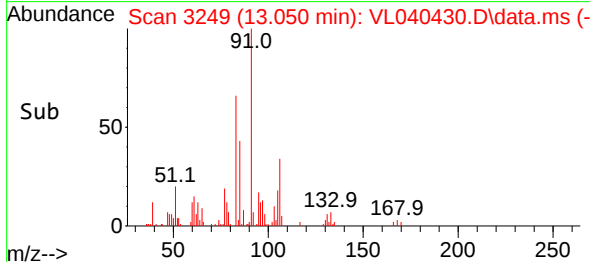
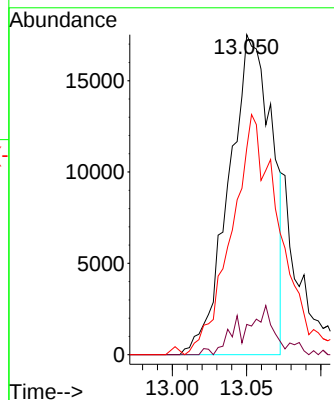
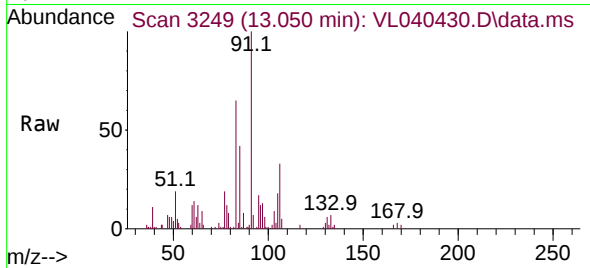




#63
1,1,2,2-Tetrachloroethane
Concen: 0.382 ppbv
RT: 13.050 min Scan# 31
Delta R.T. -0.022 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

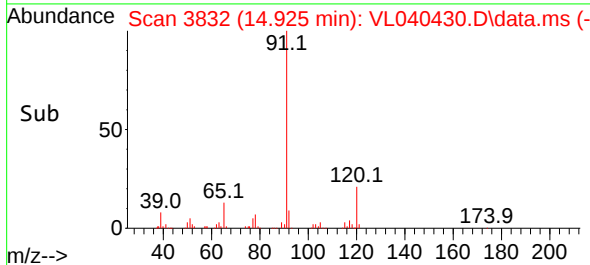
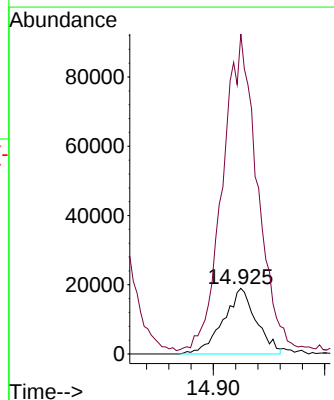
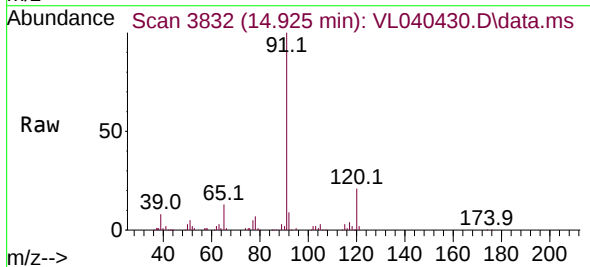
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

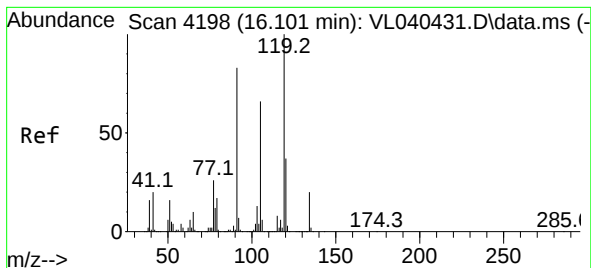
Tgt Ion: 83 Resp: 35342
Ion Ratio Lower Upper
83 100
131 12.3 4.5 13.5
85 86.1 33.0 99.0



#64
n-propylbenzene
Concen: 0.421 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. -0.019 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion: 120 Resp: 38939
Ion Ratio Lower Upper
120 100
91 528.4 393.2 589.8

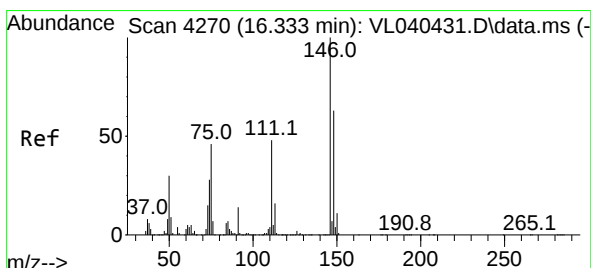
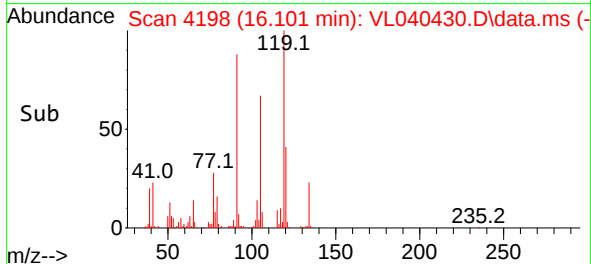
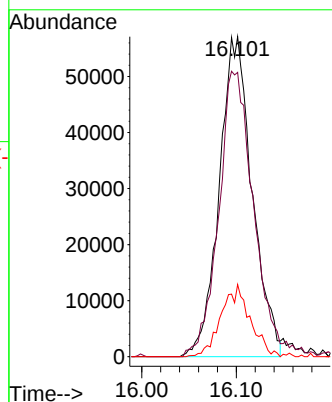
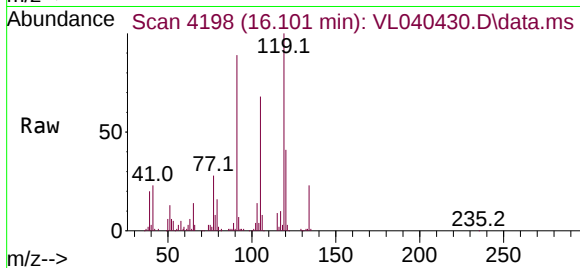




#65
tert-Butylbenzene
Concen: 0.420 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.016 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

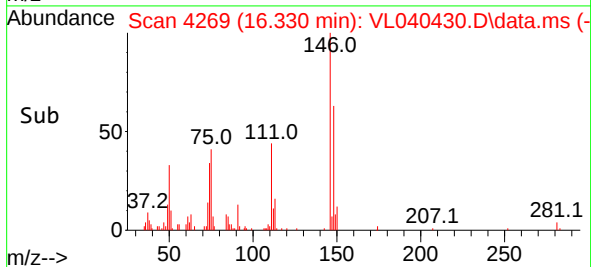
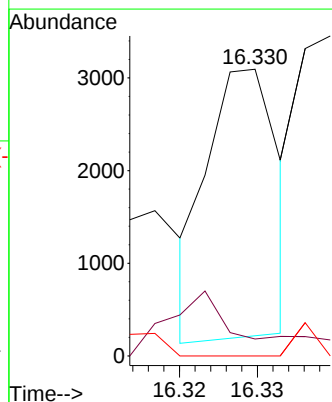
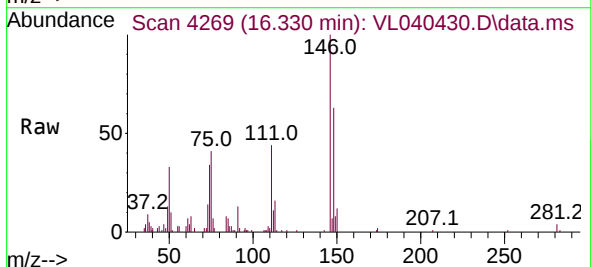
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

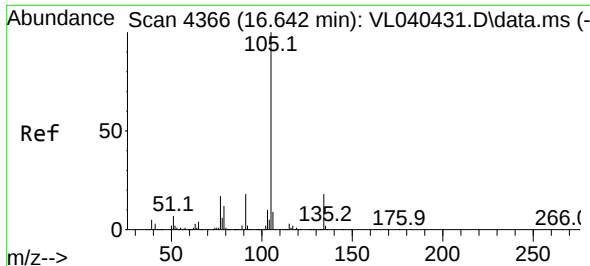
Tgt Ion:119 Resp: 138275
Ion Ratio Lower Upper
119 100
91 95.7 69.8 104.6
134 20.2 15.4 23.2



#66
Benzyl Chloride
Concen: 0.094 ppbv
RT: 16.330 min Scan# 4269
Delta R.T. -0.022 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion: 91 Resp: 1826
Ion Ratio Lower Upper
91 100
126 24.8 12.6 19.0#
128 0.0 3.9 5.9#





#67

sec-Butylbenzene

Concen: 0.432 ppbv

RT: 16.645 min Scan# 41

Delta R.T. -0.019 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_1

ClientSampleId :

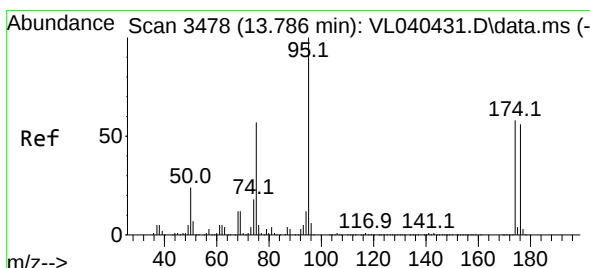
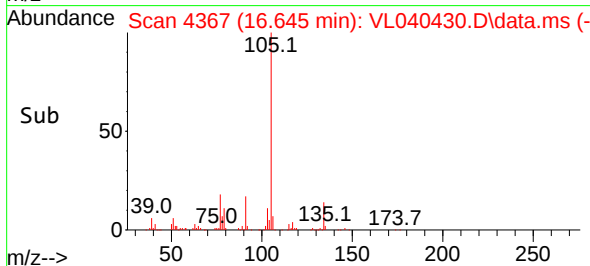
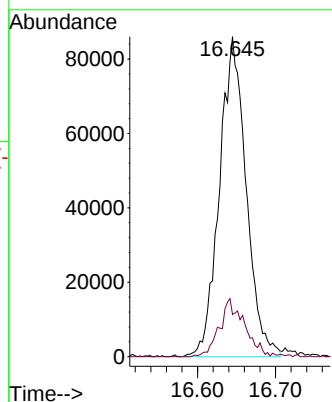
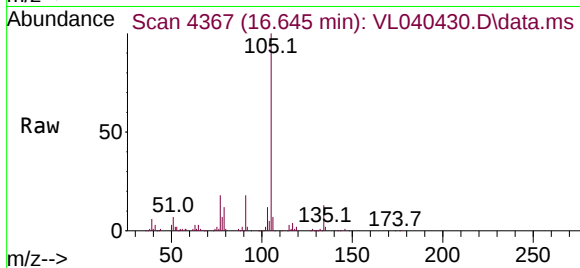
VSTDIC0.5

Tgt Ion:105 Resp: 204733

Ion Ratio Lower Upper

105 100

134 17.3 14.1 21.1



#68

1-Bromo-4-Fluorobenzene

Concen: 10.197 ppbv

RT: 13.783 min Scan# 3477

Delta R.T. -0.016 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

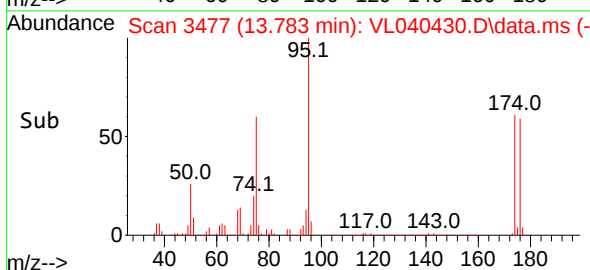
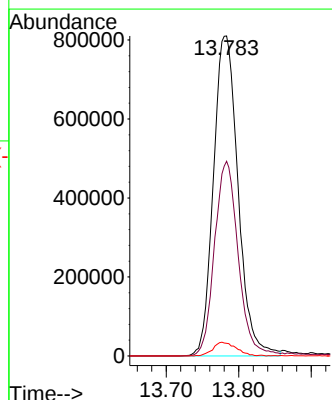
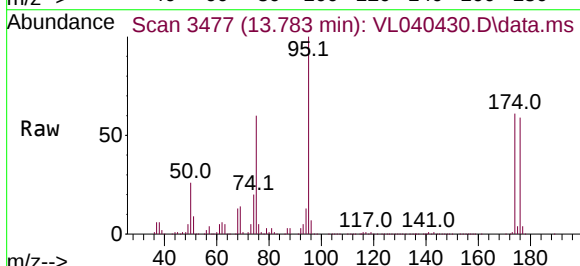
Tgt Ion: 95 Resp: 1914492

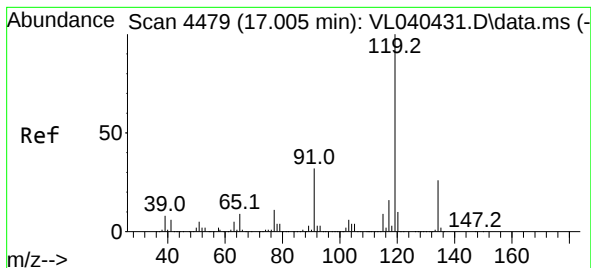
Ion Ratio Lower Upper

95 100

174 60.1 47.0 70.6

175 4.1 3.4 5.0





#69

p-Isopropyltoluene

Concen: 0.255 ppbv

RT: 17.005 min Scan# 4479

Delta R.T. -0.016 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

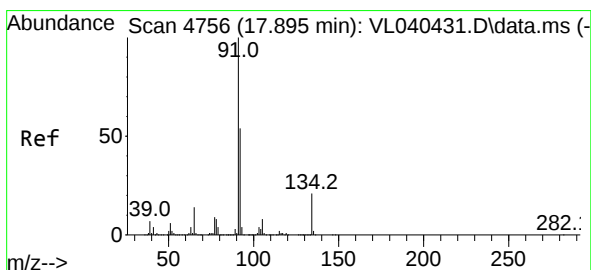
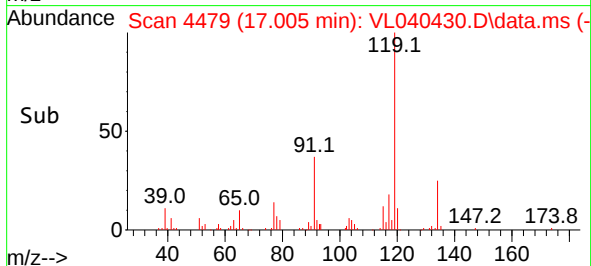
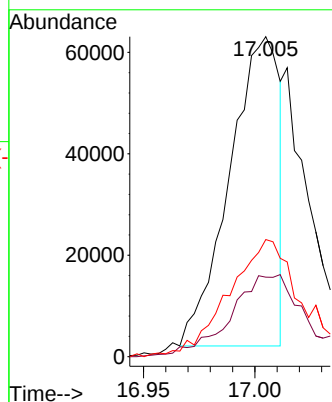
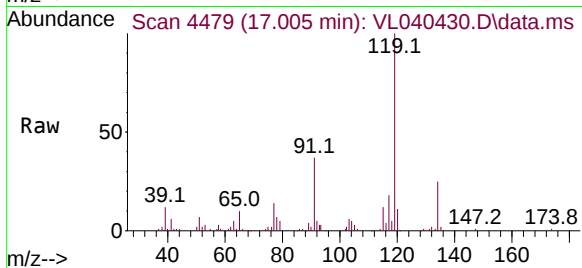
Tgt Ion:119 Resp: 94789

Ion Ratio Lower Upper

119 100

134 40.0 20.2 30.4#

91 55.9 25.4 38.0#



#70

n-Butylbenzene

Concen: 0.423 ppbv

RT: 17.902 min Scan# 4758

Delta R.T. -0.009 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

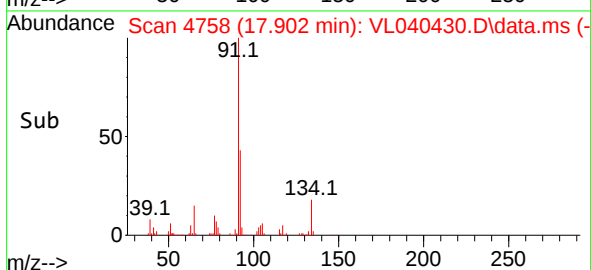
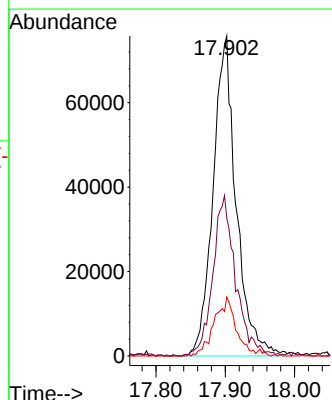
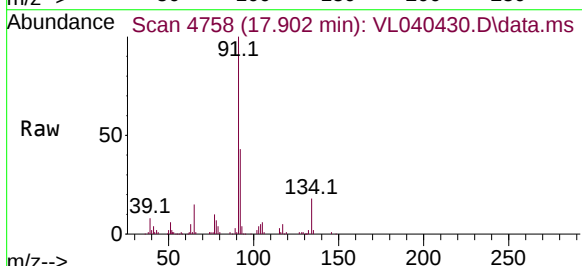
Tgt Ion: 91 Resp: 175347

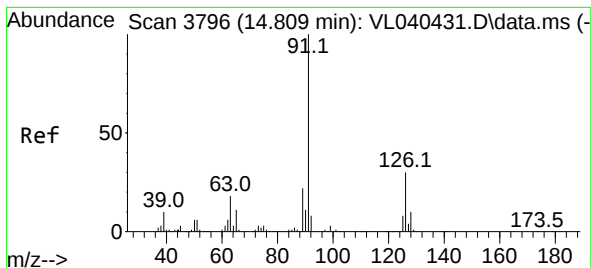
Ion Ratio Lower Upper

91 100

92 49.7 43.2 64.8

134 18.0 16.9 25.3

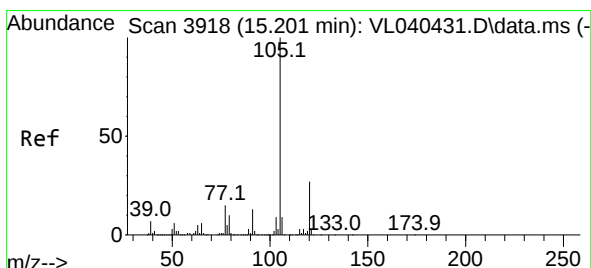
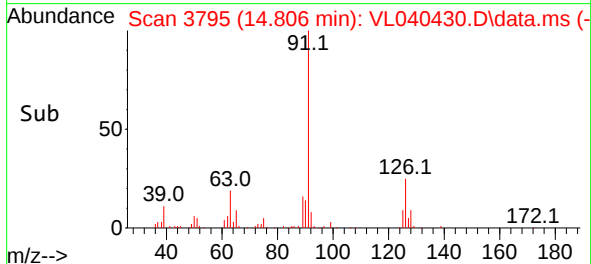
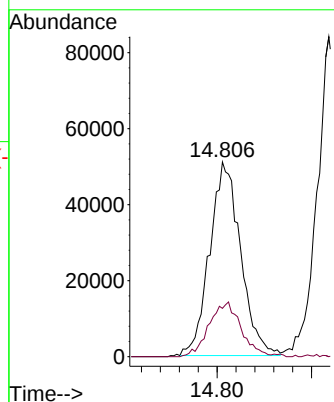
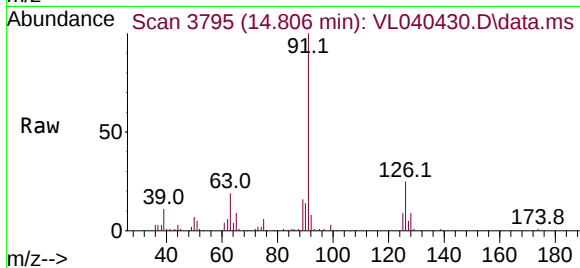




#71
2-Chlorotoluene
Concen: 0.406 ppbv
RT: 14.806 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

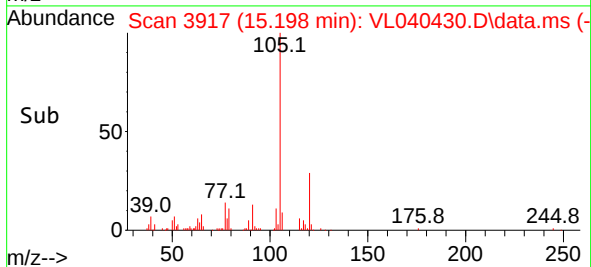
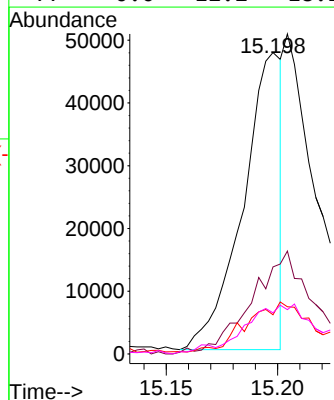
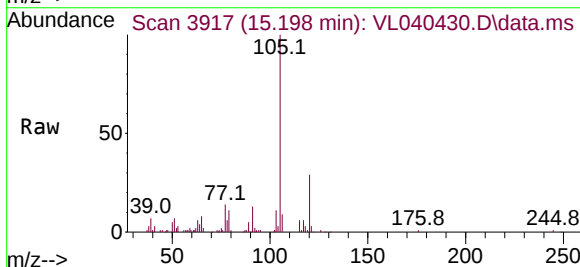
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

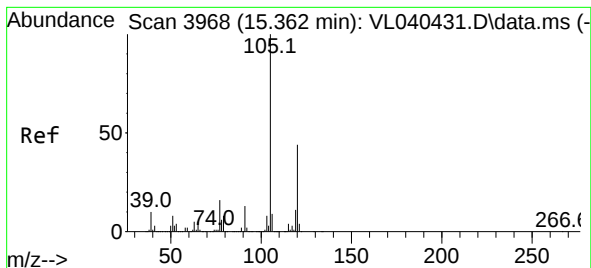
Tgt Ion: 91 Resp: 115880
Ion Ratio Lower Upper
91 100
126 29.5 12.0 48.0



#72
4-Ethyltoluene
Concen: 0.196 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. -0.022 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion:105 Resp: 57136
Ion Ratio Lower Upper
105 100
120 0.0 23.8 35.8#
91 0.0 11.0 16.4#
77 0.0 12.2 18.2#





#73

1,3,5-Trimethylbenzene

Concen: 0.216 ppbv

RT: 15.359 min Scan# 3967

Delta R.T. -0.016 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Instrument :

MSVOA_L

ClientSampleId :

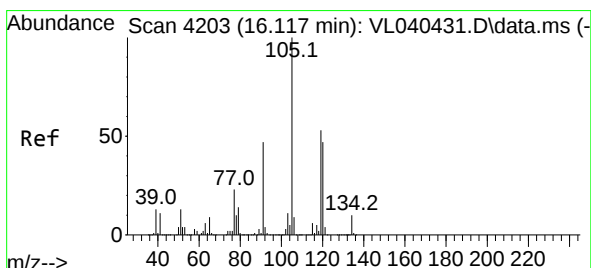
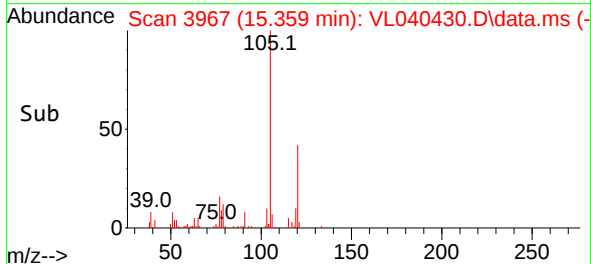
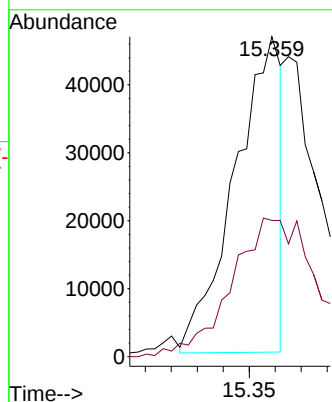
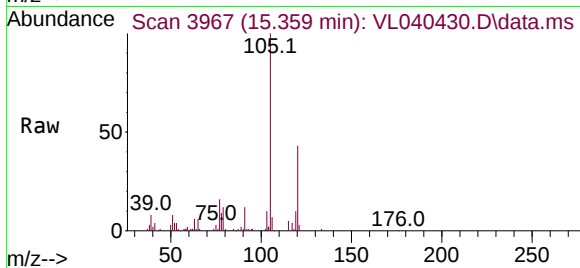
VSTDIC0.5

Tgt Ion:105 Resp: 57733

Ion Ratio Lower Upper

105 100

120 39.6 35.2 52.8



#74

1,2,4-Trimethylbenzene

Concen: 0.426 ppbv

RT: 16.114 min Scan# 4202

Delta R.T. -0.019 min

Lab File: VL040430.D

Acq: 16 May 2023 8:55

Tgt Ion:105 Resp: 131010

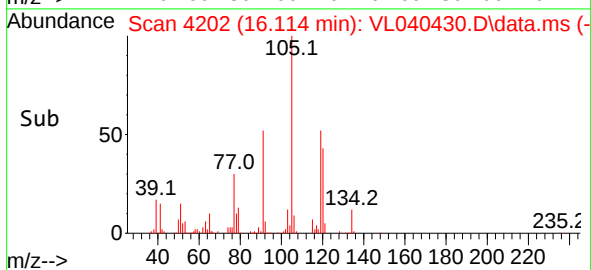
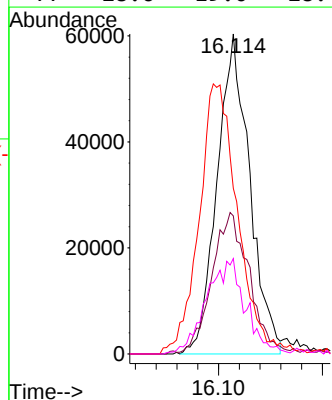
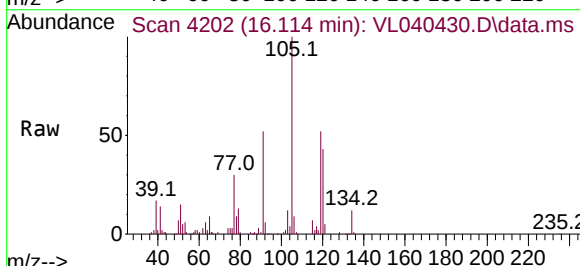
Ion Ratio Lower Upper

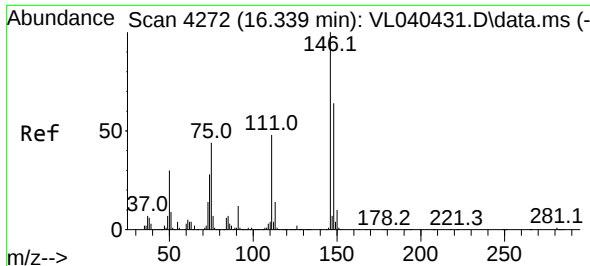
105 100

120 42.6 38.1 57.1

91 48.3 40.2 60.2

77 28.6 19.0 28.4#

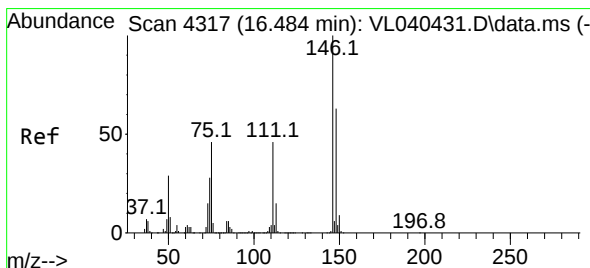
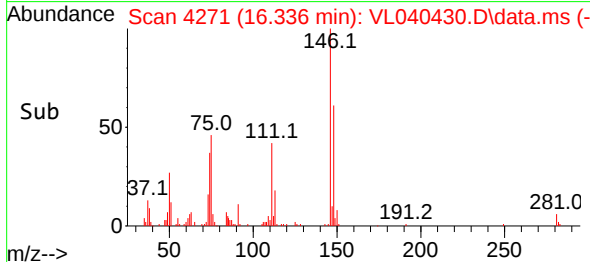
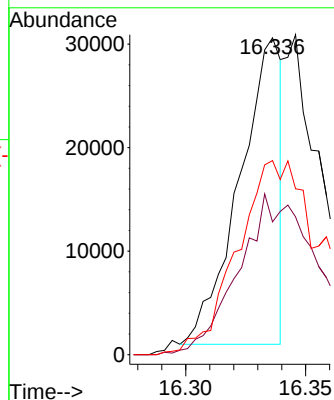
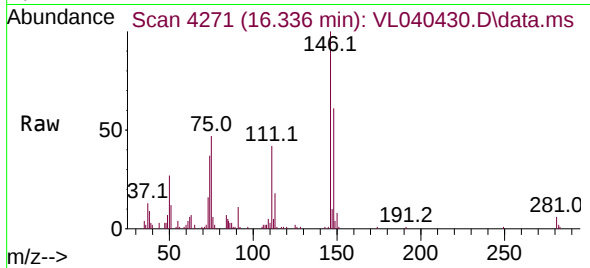




#75
1,3-Dichlorobenzene
Concen: 0.212 ppbv
RT: 16.336 min Scan# 4314
Delta R.T. -0.022 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

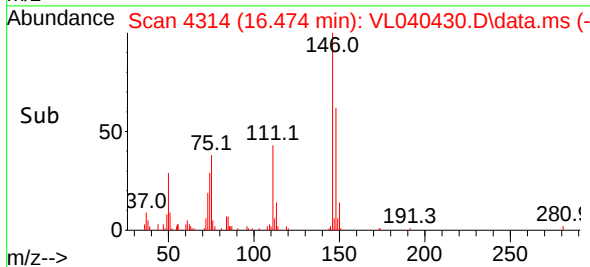
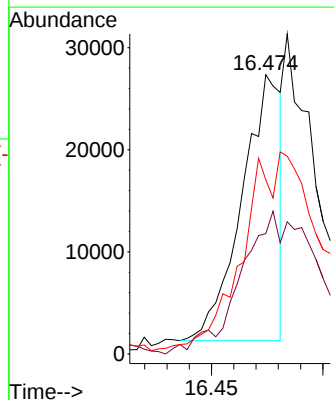
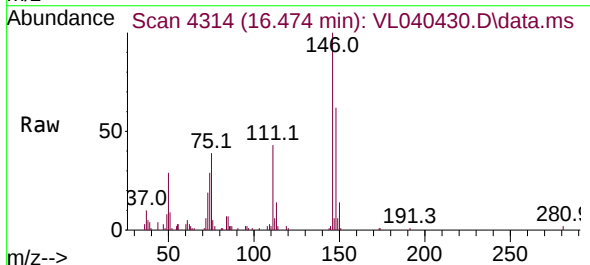
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

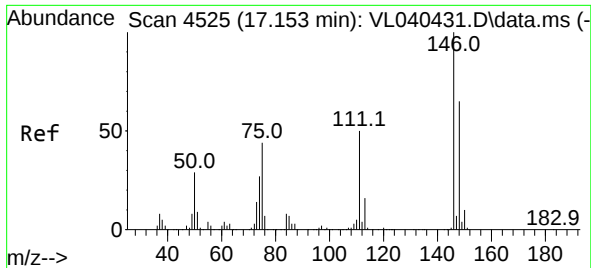
Tgt Ion:146 Resp: 35896
Ion Ratio Lower Upper
146 100
111 107.6 24.6 74.0#
148 136.6 32.1 96.3#



#76
1,4-Dichlorobenzene
Concen: 0.194 ppbv
RT: 16.474 min Scan# 4314
Delta R.T. -0.026 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion:146 Resp: 31738
Ion Ratio Lower Upper
146 100
111 0.0 24.0 72.0#
148 0.0 32.5 97.4#

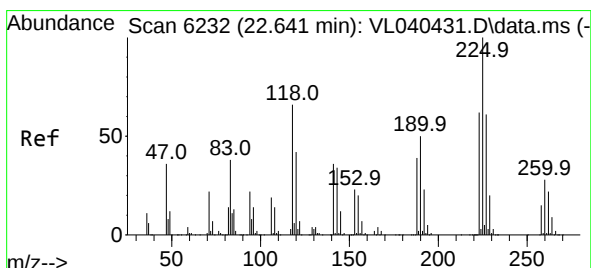
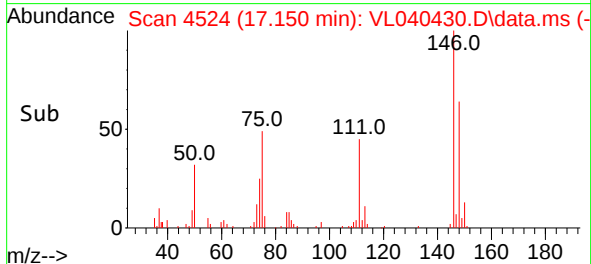
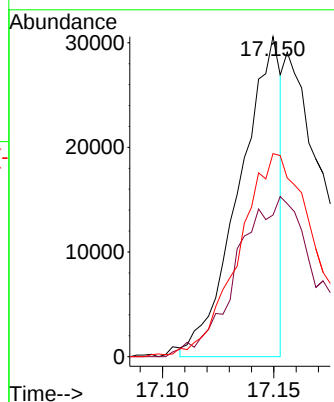
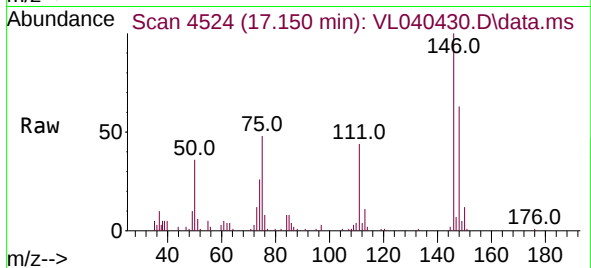




#77
1,2-Dichlorobenzene
Concen: 0.241 ppbv
RT: 17.150 min Scan# 41
Delta R.T. -0.019 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

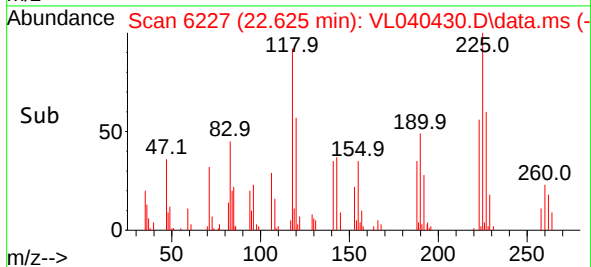
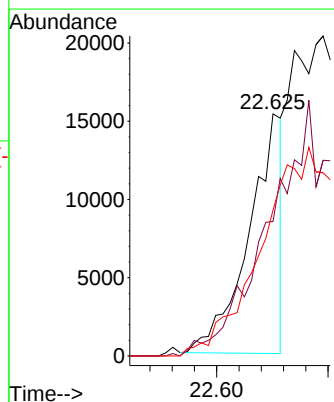
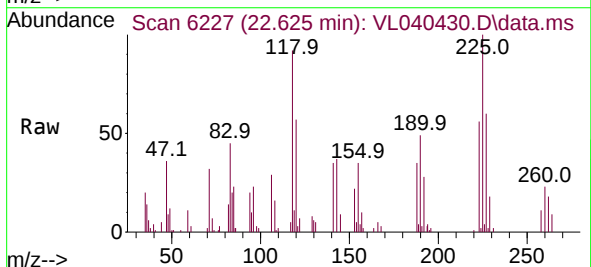
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

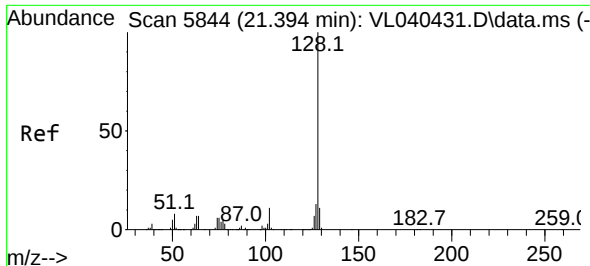
Tgt Ion:146 Resp: 39459
Ion Ratio Lower Upper
146 100
111 0.0 25.2 75.6#
148 129.8 32.1 96.5#



#78
Hexachloro-1,3-Butadiene
Concen: 0.130 ppbv
RT: 22.625 min Scan# 6227
Delta R.T. -0.038 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion:225 Resp: 15912
Ion Ratio Lower Upper
225 100
223 0.0 51.2 76.8#
227 0.0 51.0 76.6#

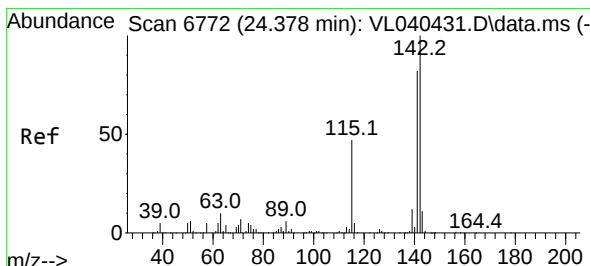
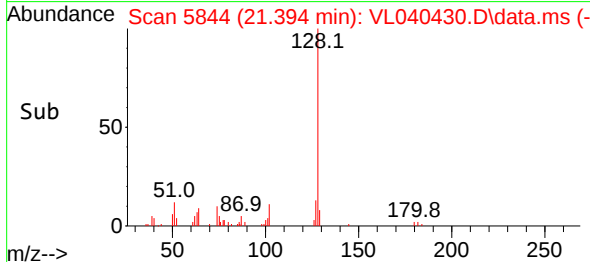
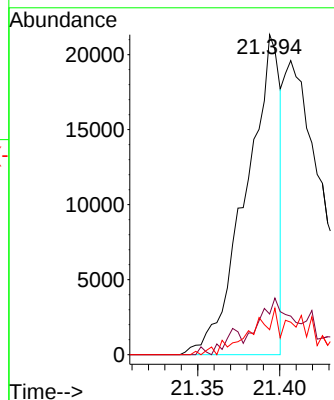
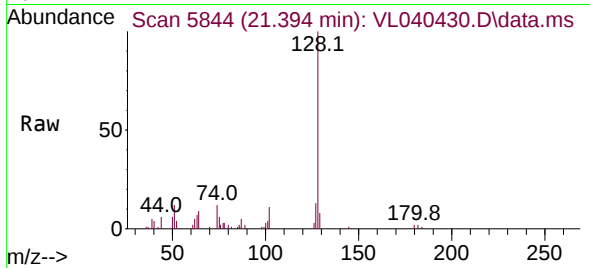




#79
Naphthalene
Concen: 0.165 ppbv
RT: 21.394 min Scan# 5844
Delta R.T. -0.022 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

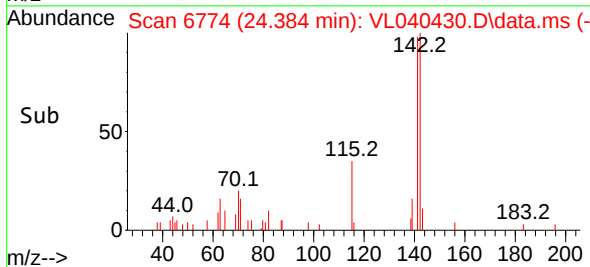
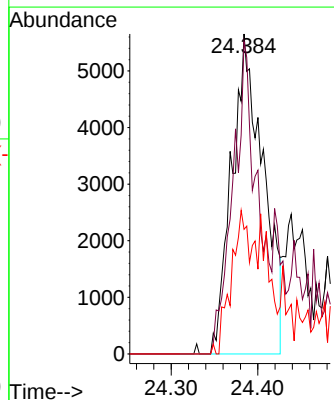
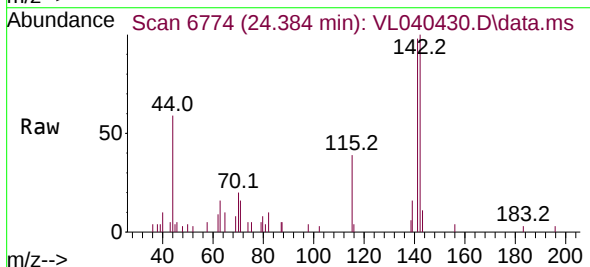
Instrument :
MSVOA_1
ClientSampleId :
VSTDIC0.5

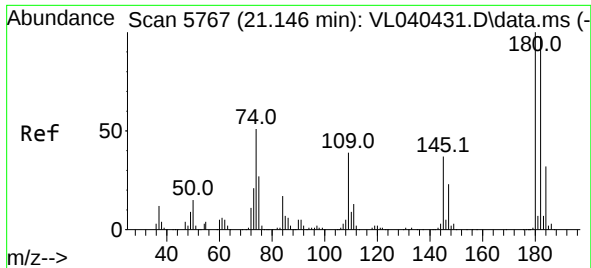
Tgt Ion:128 Resp: 30709
Ion Ratio Lower Upper
128 100
127 12.7 10.3 15.5
129 7.8 9.0 13.6#



#80
Naphthalene,2-methyl-
Concen: 0.269 ppbv
RT: 24.384 min Scan# 6774
Delta R.T. -0.013 min
Lab File: VL040430.D
Acq: 16 May 2023 8:55

Tgt Ion:142 Resp: 14314
Ion Ratio Lower Upper
142 100
141 89.1 66.2 99.2
115 58.4 36.8 55.2#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.066 ppbv
 RT: 21.130 min Scan# 51
 Delta R.T. -0.038 min
 Lab File: VL040430.D
 Acq: 16 May 2023 8:55

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:180 Resp: 7631
 Ion Ratio Lower Upper
 180 100
 182 0.0 77.0 115.6#
 184 0.0 24.7 37.1#

