

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 10 14:29:42 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 11 2023

QLast Update : Mon Jul 10 14:00:16 2023

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/11/2023
 Supervised By : Mahesh Dadoda 07/11/2023

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

Internal Standards						
1) Bromochloromethane	5.201	49	1052953	10.000	ppbv	0.01
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 9.696 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.738	85	114364	0.499	ppbv	99
3) Chlorodifluoromethane	2.684	51	89917	0.521	ppbv	100
4) Chloromethane	2.819	50	34403	0.515	ppbv	98
5) Vinyl Chloride	2.928	62	36926	0.554	ppbv	93
6) Bromomethane	3.128	94	16023	0.465	ppbv	91
7) Chloroethane	3.208	64	12368	0.497	ppbv	94
8) Dichlorotetrafluoroethane	2.867	85	92033	0.509	ppbv	95
9) Propene	2.700	41	31374	0.590	ppbv	100
10) Heptane	7.594	43	54988	0.457	ppbv	94
11) Trichlorofluoromethane	3.571	101	88608	0.475	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.073	101	62898	0.483	ppbv	98
13) Ethanol	3.269	45	6851m	0.622	ppbv	
14) Bromoethene	3.372	108	25321	0.464	ppbv	96
15) Acetone	3.488	43	68499	0.539	ppbv	97
16) 1,3-Butadiene	2.992	39	31572m	0.511	ppbv	
17) tert-Butyl alcohol	3.899	59	64630	0.619	ppbv	99
18) 1,1-Dichloroethene	3.890	96	29186	0.502	ppbv	90
19) Isopropyl Alcohol	3.597	45	32392	0.529	ppbv #	88
20) Methylene Chloride	3.941	84	30611	0.565	ppbv	96
21) Allyl Chloride	4.005	41	37512m	0.523	ppbv	
22) trans-1,2-Dichloroethene	4.455	96	27506	0.462	ppbv	95
23) Vinyl Acetate	4.645	43	56212	0.453	ppbv #	96
24) 1,1-Dichloroethane	4.574	63	60957m	0.490	ppbv	
25) Ethyl Acetate	5.224	43	112685	0.490	ppbv #	96
26) Hexane	5.224	57	51892	0.476	ppbv	92
27) Carbon Disulfide	4.137	76	55313	0.406	ppbv #	77
28) Methyl tert-Butyl Ether	4.603	73	42182	0.503	ppbv	97
29) Chloroform	5.282	83	91055	0.491	ppbv	96
30) Cyclohexane	6.613	84	45721m	0.521	ppbv	
31) cis-1,2-Dichloroethene	5.086	61	53190m	0.510	ppbv	
32) 1,1,1-Trichloroethane	6.015	97	88791m	0.485	ppbv	
34) 2-Butanone	4.803	43	61627	0.458	ppbv #	88
35) Carbon Tetrachloride	6.497	117	84417	0.444	ppbv #	86
36) Benzene	6.381	78	108834	0.490	ppbv	97
37) 1,2-Dichloroethane	5.819	62	64855	0.448	ppbv	98
38) Trichloroethene	7.304	130	43445	0.517	ppbv #	81
39) 1,2-Dichloropropane	7.079	63	44016	0.514	ppbv #	79
40) 1,4-Dioxane	7.333	88	12919m	0.533	ppbv	
41) Tetrahydrofuran	5.590	42	37336m	0.508	ppbv	
42) Bromodichloromethane	7.259	83	83946	0.421	ppbv	99
43) Methyl Methacrylate	7.491	69	35601m	0.446	ppbv	
44) 2,2,4-Trimethylpentane	7.336	57	167665m	0.462	ppbv	
45) t-1,3-Dichloropropene	8.729	75	20611m	0.350	ppbv	

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

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

Quant Time: Jul 10 14:29:42 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Jul 10 14:00:16 2023

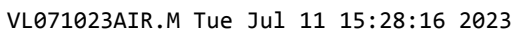
Response via : Initial Calibration

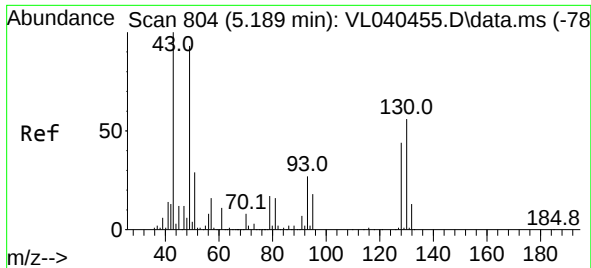
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	26862m	0.374	ppbv	
47) 1,1,2-Trichloroethane	8.912	97	47614m	0.506	ppbv	
48) Dibromochloromethane	9.722	129	62833m	0.418	ppbv	
49) Bromoform	12.420	173	45090	0.396	ppbv	98
50) 4-Methyl-2-Pentanone	8.211	43	83557	0.464	ppbv	99
51) 2-Hexanone	9.581	43	54367m	0.434	ppbv	
52) Tetrachloroethene	10.626	164	35355	0.507	ppbv #	91
53) Toluene	9.233	91	99300	0.425	ppbv	99
54) 1,2-Dibromoethane	10.024	107	56560m	0.459	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.523	131	55931	0.483	ppbv #	1
57) Chlorobenzene	11.539	112	92924	0.499	ppbv #	91
58) Ethyl Benzene	12.105	91	129011	0.432	ppbv	95
59) m/p-Xylene	12.388	91	247627m	0.903	ppbv	
60) o-Xylene	13.076	91	115008	0.442	ppbv	99
61) Styrene	12.912	104	42561m	0.380	ppbv	
62) Isopropylbenzene	14.043	105	181273	0.469	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.060	83	95626	0.568	ppbv	99
64) n-propylbenzene	14.928	120	44691m	0.455	ppbv	
65) tert-Butylbenzene	16.108	119	154353	0.465	ppbv	94
66) Benzyl Chloride	16.346	91	10916m	0.427	ppbv	
67) sec-Butylbenzene	16.654	105	235735	0.487	ppbv	98
69) p-Isopropyltoluene	17.014	119	186905m	0.486	ppbv	
70) n-Butylbenzene	17.908	91	210572	0.491	ppbv	96
71) 2-Chlorotoluene	14.818	91	134660	0.469	ppbv	98
72) 4-Ethyltoluene	15.211	105	127872	0.437	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.368	105	113352	0.438	ppbv	95
74) 1,2,4-Trimethylbenzene	16.121	105	140776	0.462	ppbv	94
75) 1,3-Dichlorobenzene	16.352	146	95342m	0.558	ppbv	
76) 1,4-Dichlorobenzene	16.490	146	94857m	0.571	ppbv	
77) 1,2-Dichlorobenzene	17.156	146	82415	0.511	ppbv	93
78) Hexachloro-1,3-Butadiene	22.654	225	88263m	0.709	ppbv	
79) Naphthalene	21.403	128	106754m	0.609	ppbv	
80) Naphthalene,2-methyl-	24.394	142	23855m	0.453	ppbv	
81) 1,2,4-Trichlorobenzene	21.159	180	76601m	0.705	ppbv	

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

Manual Integrations APPROVED

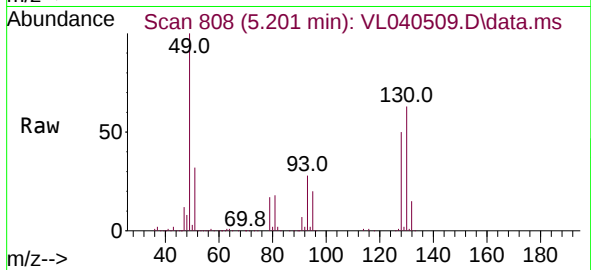
Quant Time: Jul 10 14:29:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Jul 10 14:00:16 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.201 min Scan# 804
Delta R.T. 0.012 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

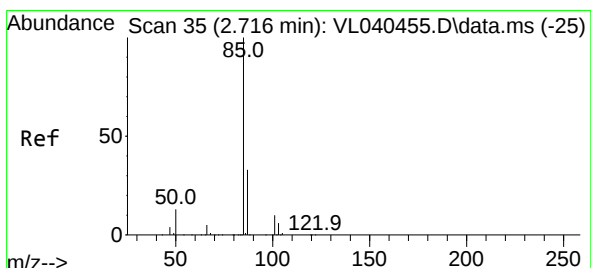
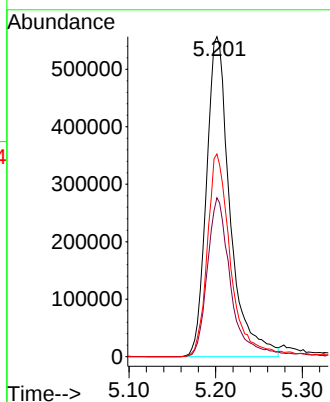
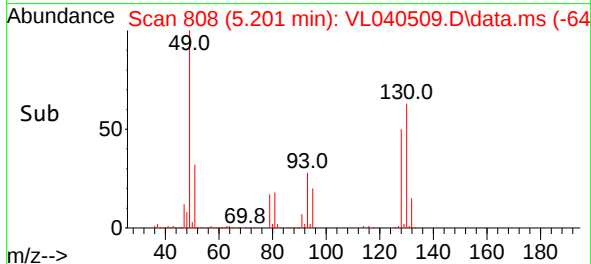
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 105295
Ion Ratio Lower Upper
49 100
128 50.2 24.7 74.1
130 64.9 31.4 94.2

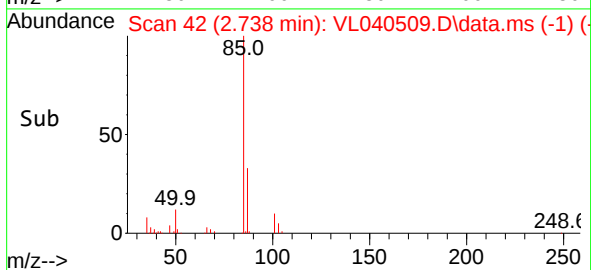
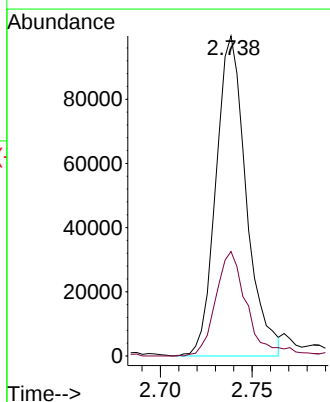
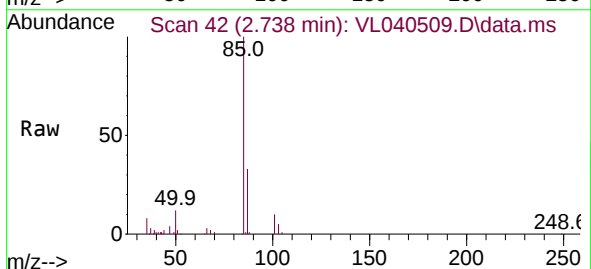
Manual Integrations
APPROVED

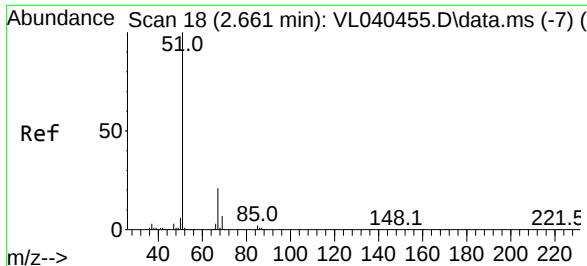
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#2
Dichlorodifluoromethane
Concen: 0.499 ppbv
RT: 2.738 min Scan# 42
Delta R.T. 0.022 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

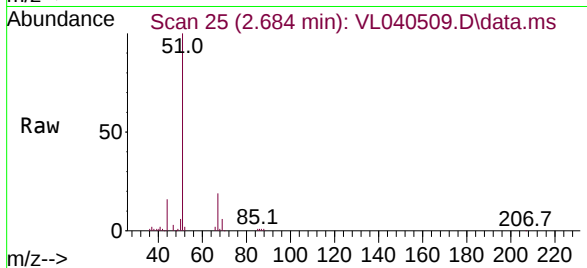
Tgt Ion: 85 Resp: 114364
Ion Ratio Lower Upper
85 100
87 32.4 26.6 39.8





#3
Chlorodifluoromethane
Concen: 0.521 ppbv
RT: 2.684 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

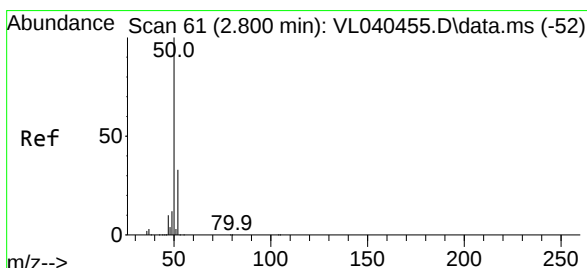
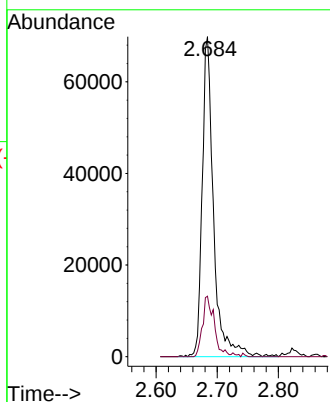
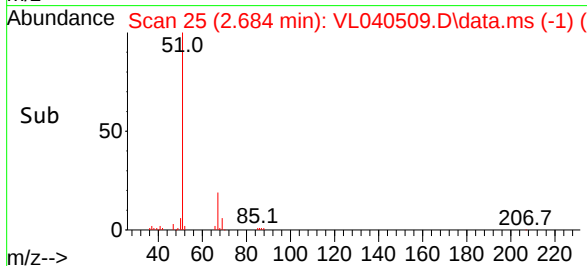
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 51 Resp: 8991
Ion Ratio Lower Upper
51 100
67 20.2 16.3 24.5

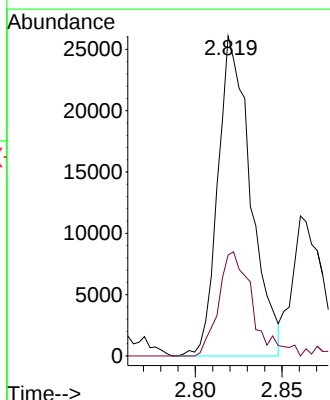
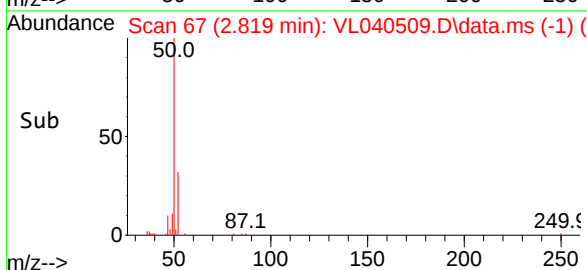
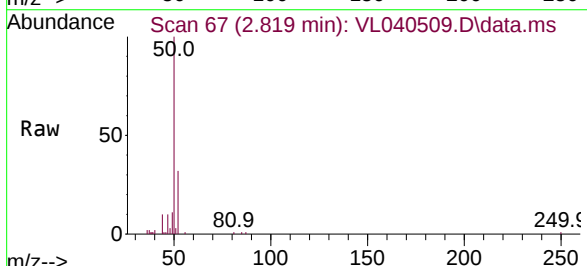
Manual Integrations
APPROVED

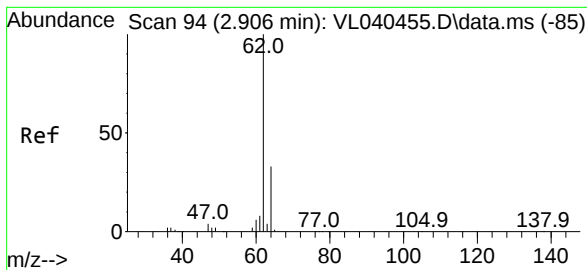
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#4
Chloromethane
Concen: 0.515 ppbv
RT: 2.819 min Scan# 67
Delta R.T. 0.019 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

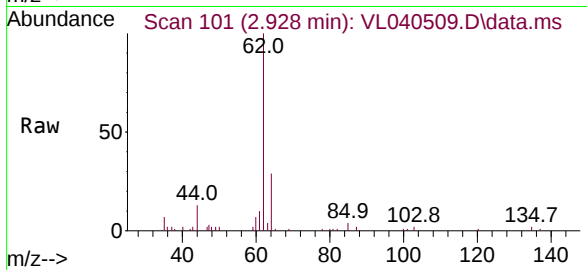
Tgt Ion: 50 Resp: 34403
Ion Ratio Lower Upper
50 100
52 31.6 26.3 39.5





#5
 Vinyl Chloride
 Concen: 0.554 ppbv
 RT: 2.928 min Scan# 101
 Delta R.T. 0.022 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

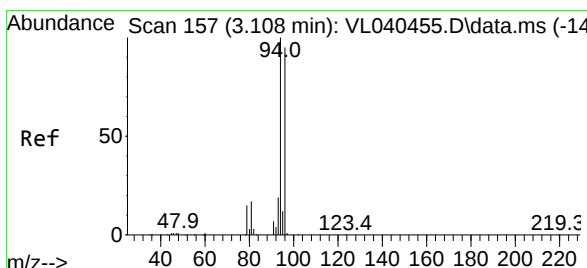
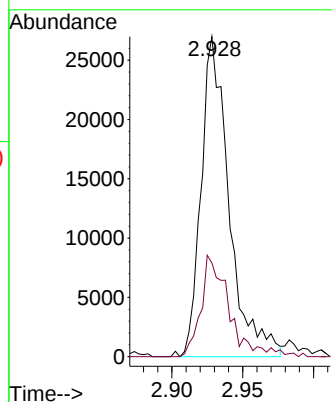
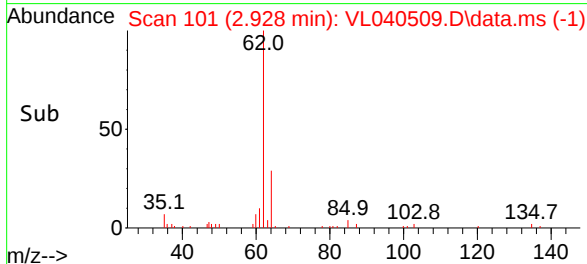
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



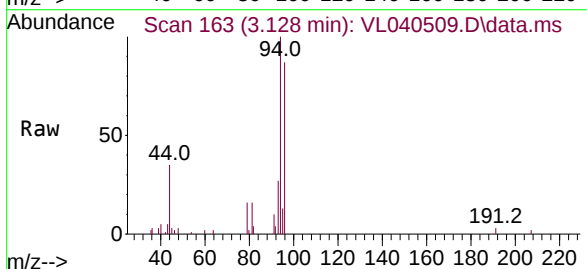
Tgt Ion: 62 Resp: 36920
 Ion Ratio Lower Upper
 62 100
 64 29.3 26.8 40.2

Manual Integrations
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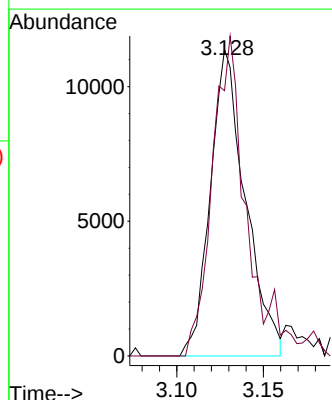
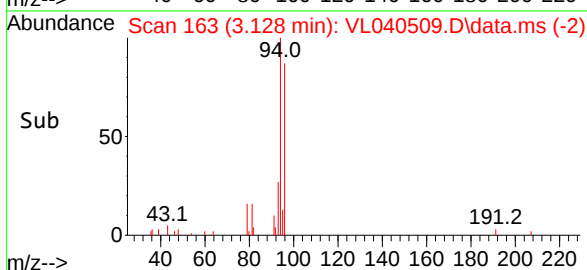
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

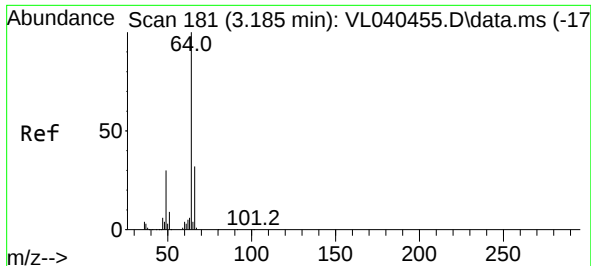


#6
 Bromomethane
 Concen: 0.465 ppbv
 RT: 3.128 min Scan# 163
 Delta R.T. 0.019 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48



Tgt Ion: 94 Resp: 16023
 Ion Ratio Lower Upper
 94 100
 96 86.5 75.8 113.8





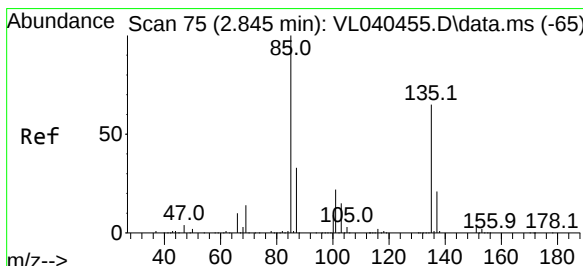
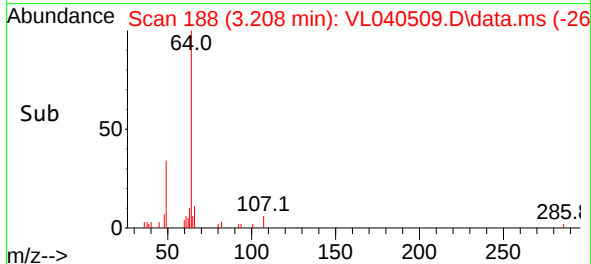
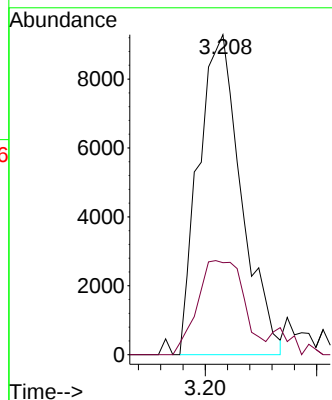
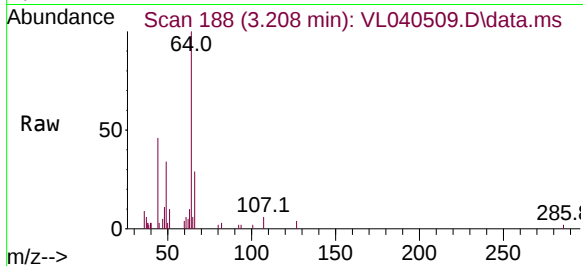
#7
Chloroethane
Concen: 0.497 ppbv
RT: 3.208 min Scan# 11
Delta R.T. 0.022 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 1236
Ion Ratio Lower Upper
64 100
66 28.7 25.6 38.4

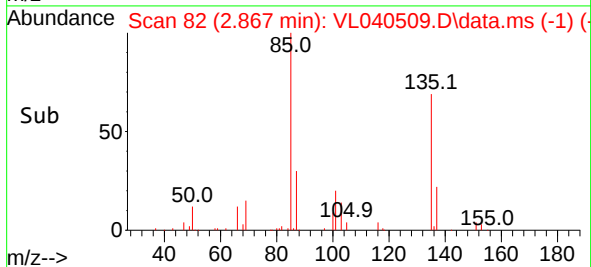
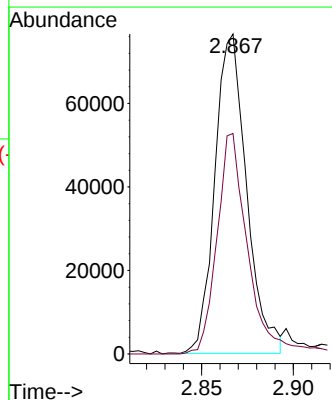
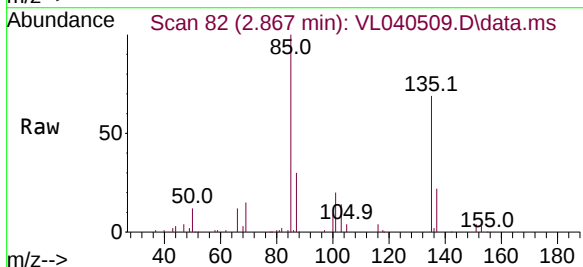
Manual Integrations
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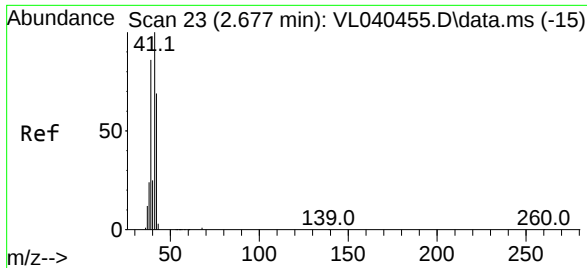
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#8
Dichlorotetrafluoroethane
Concen: 0.509 ppbv
RT: 2.867 min Scan# 82
Delta R.T. 0.022 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

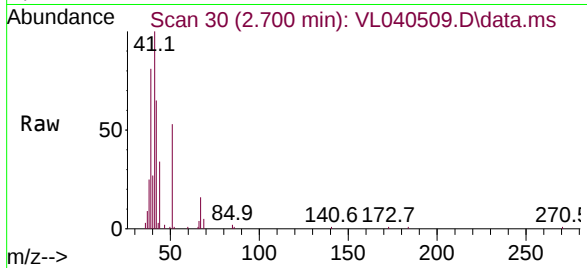
Tgt Ion: 85 Resp: 92033
Ion Ratio Lower Upper
85 100
135 68.9 52.0 78.0





#9
 Propene
 Concen: 0.590 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. 0.022 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

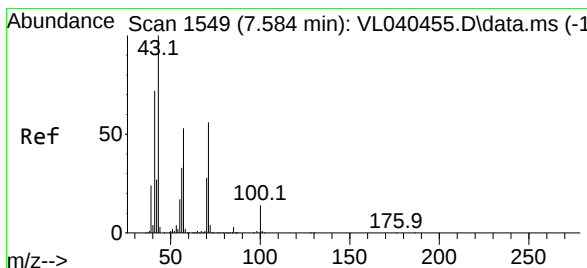
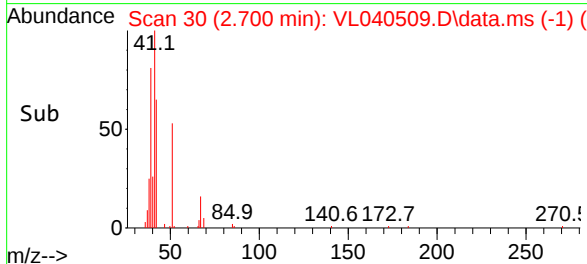
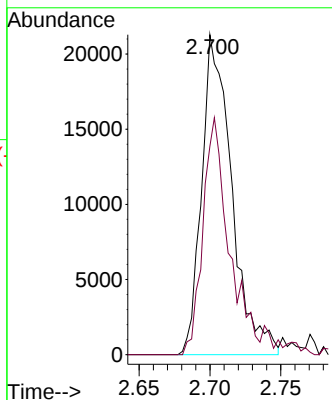
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 31374
 Ion Ratio Lower Upper
 41 100
 42 70.6 56.2 84.2

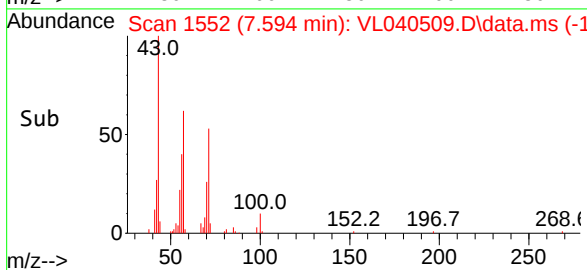
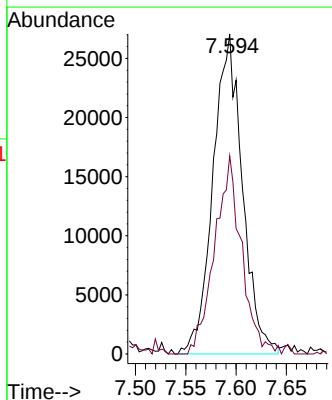
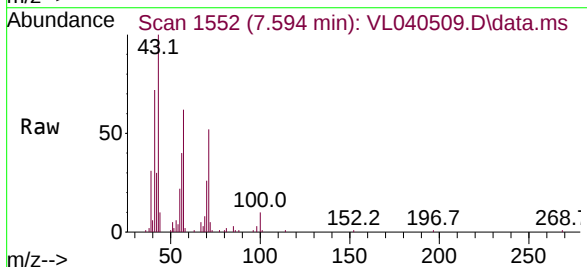
Manual Integrations
 APPROVED

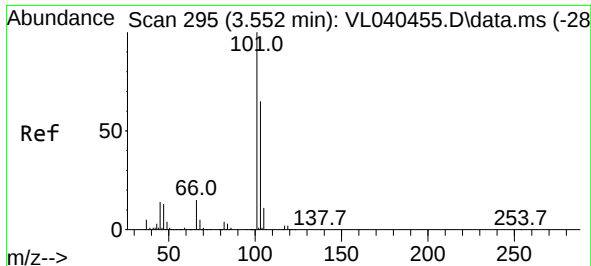
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#10
 Heptane
 Concen: 0.457 ppbv
 RT: 7.594 min Scan# 1552
 Delta R.T. 0.010 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





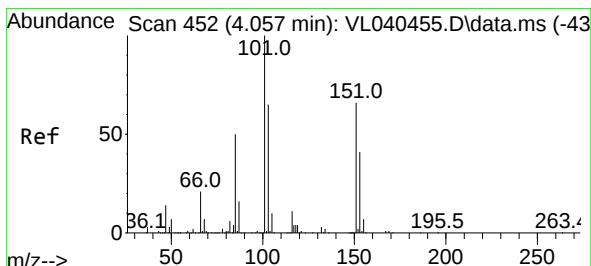
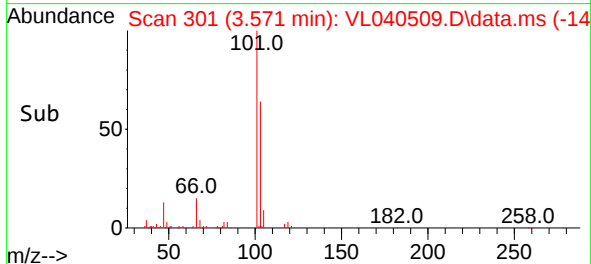
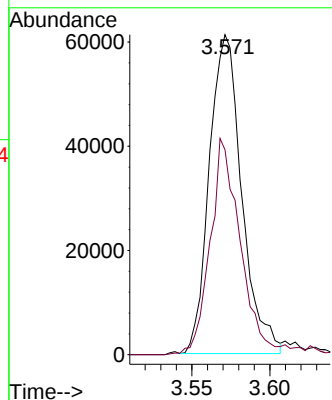
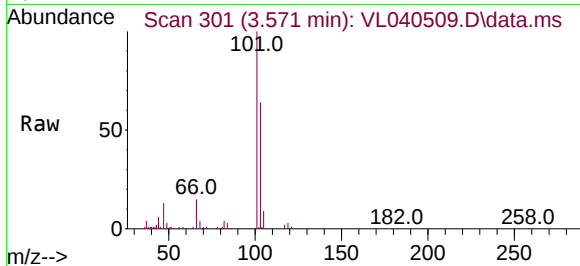
#11
Trichlorofluoromethane
Concen: 0.475 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.019 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 88608
Ion Ratio Lower Upper
101 100
103 63.8 51.7 77.5

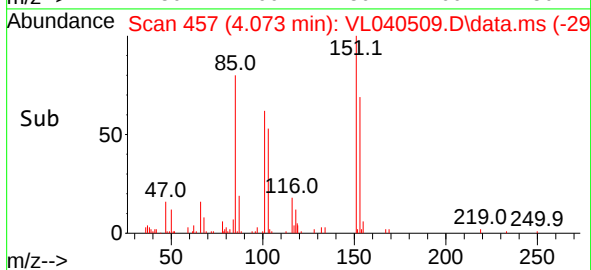
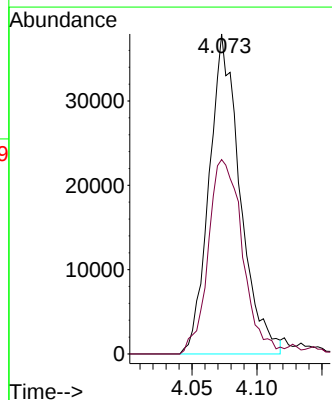
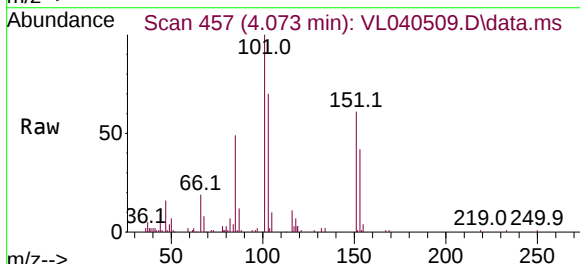
Manual Integrations
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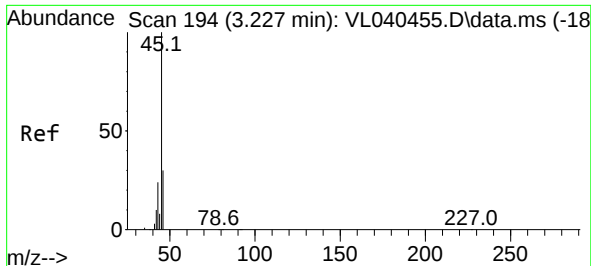
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.483 ppbv
RT: 4.073 min Scan# 457
Delta R.T. 0.016 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

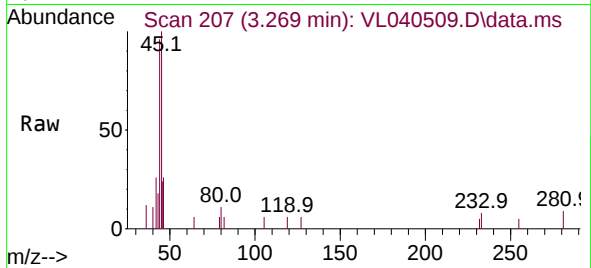
Tgt Ion:101 Resp: 62898
Ion Ratio Lower Upper
101 100
151 69.7 54.3 81.5





#13
Ethanol
Concen: 0.622 ppbv m
RT: 3.269 min Scan# 207
Delta R.T. 0.042 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

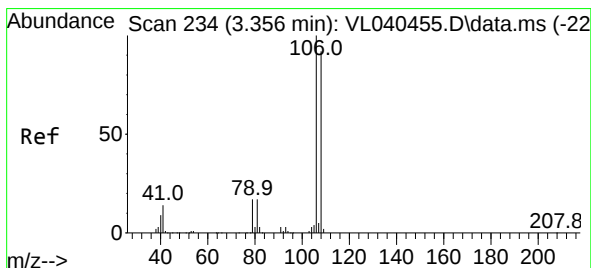
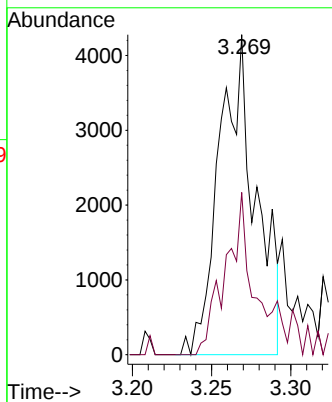
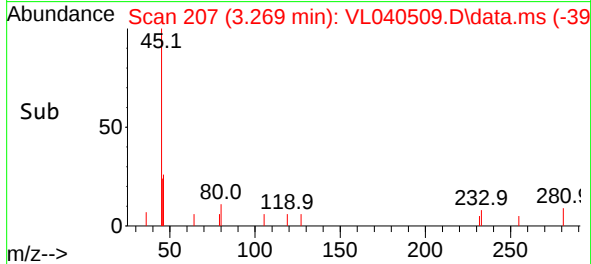
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



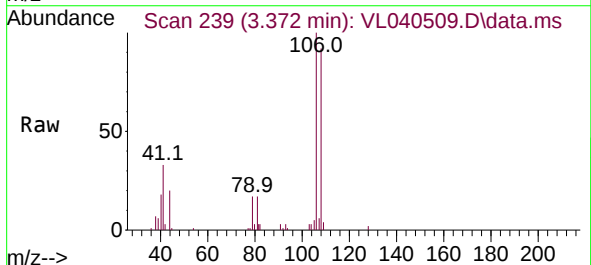
Tgt Ion: 45 Resp: 685
Ion Ratio Lower Upper
45 100
46 0.0 14.5 58.1

Manual Integrations
APPROVED

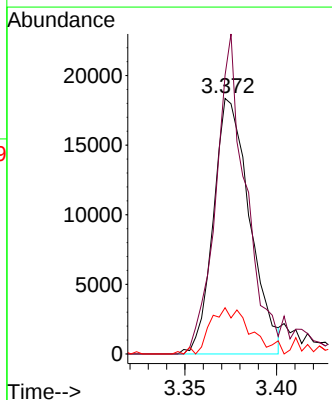
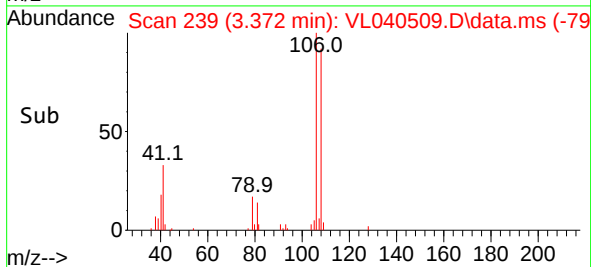
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

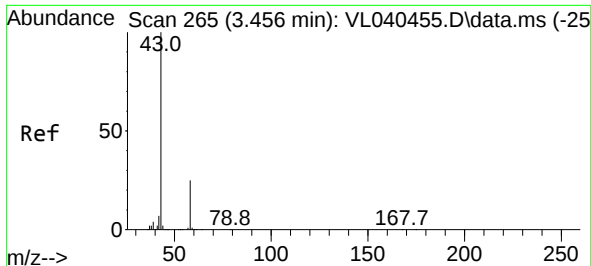


#14
Bromoethene
Concen: 0.464 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.016 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48



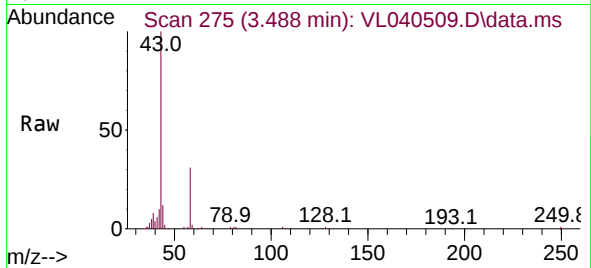
Tgt Ion:108 Resp: 25321
Ion Ratio Lower Upper
108 100
106 113.6 87.4 131.0
79 20.2 15.9 23.9





#15
Acetone
Concen: 0.539 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

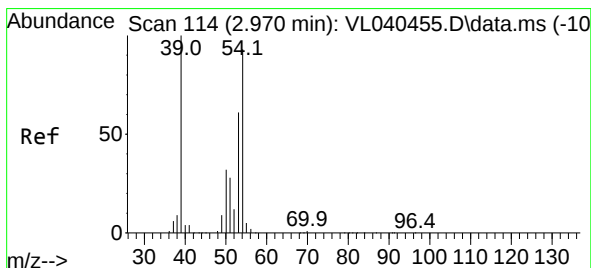
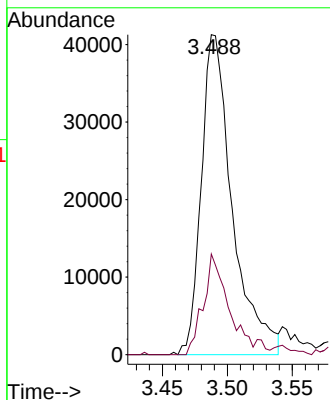
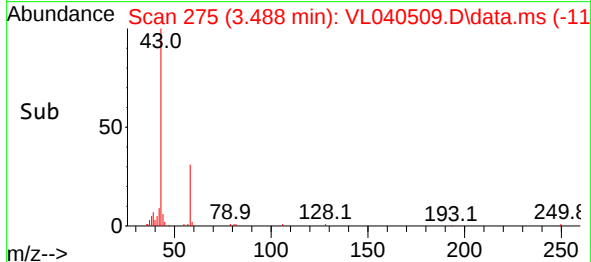
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 43 Resp: 6849
Ion Ratio Lower Upper
43 100
58 28.5 21.6 32.4

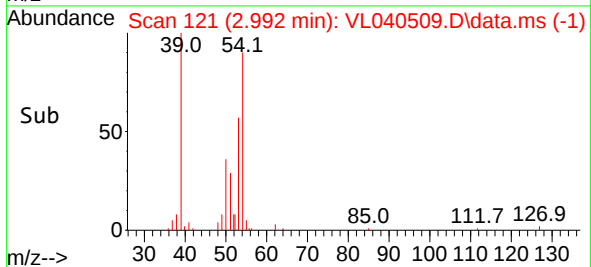
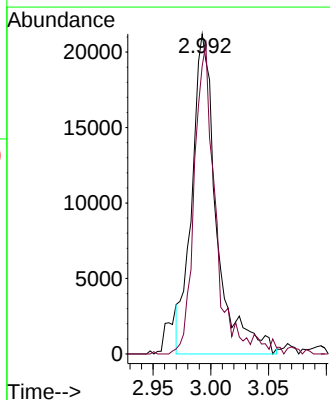
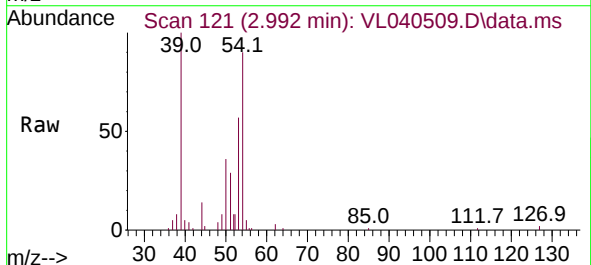
Manual Integrations
APPROVED

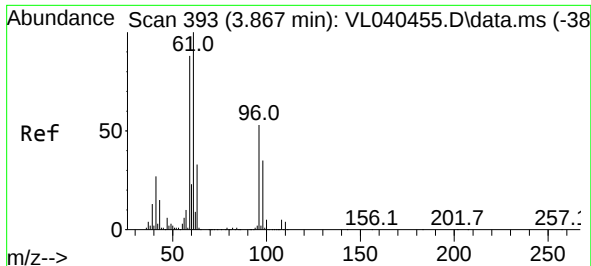
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#16
1,3-Butadiene
Concen: 0.511 ppbv m
RT: 2.992 min Scan# 121
Delta R.T. 0.022 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 39 Resp: 31572
Ion Ratio Lower Upper
39 100
54 0.0 66.9 100.3#





#17

tert-Butyl alcohol

Concen: 0.619 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.032 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 59 Resp: 64630

Ion Ratio Lower Upper

59 100

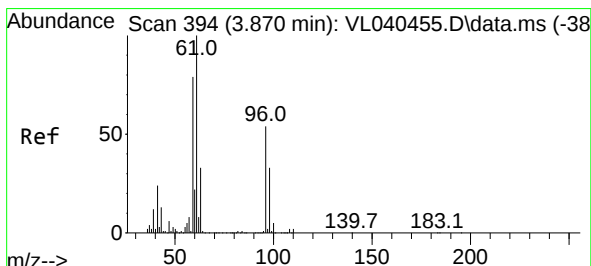
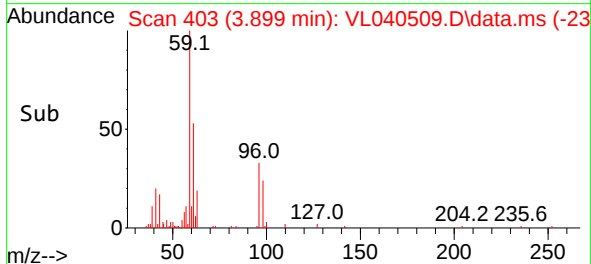
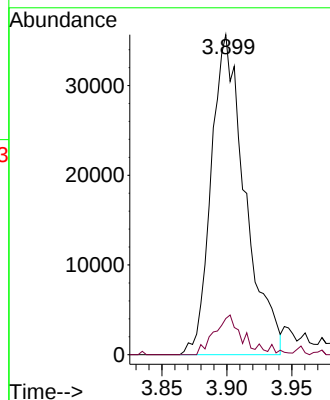
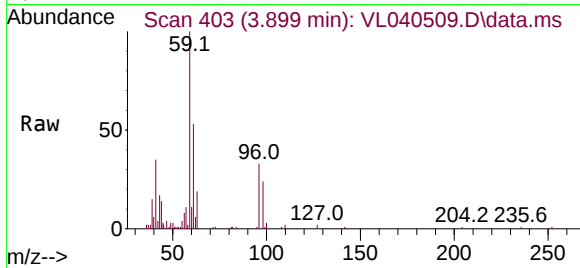
57 11.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#18

1,1-Dichloroethene

Concen: 0.502 ppbv

RT: 3.890 min Scan# 400

Delta R.T. 0.019 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

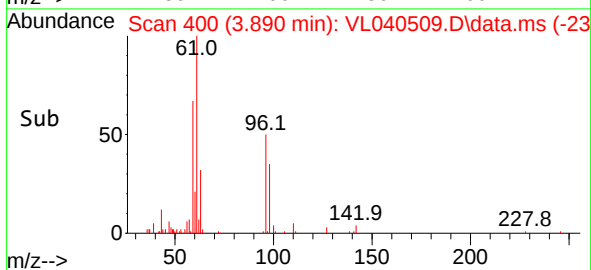
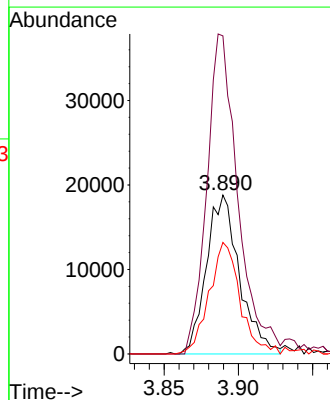
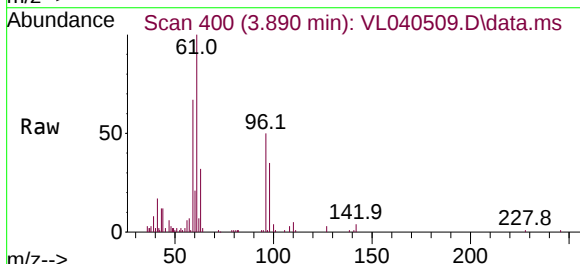
Tgt Ion: 96 Resp: 29186

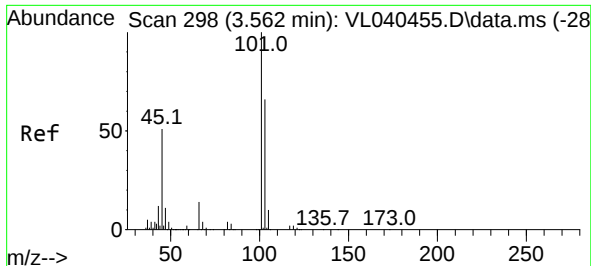
Ion Ratio Lower Upper

96 100

61 200.2 149.5 224.3

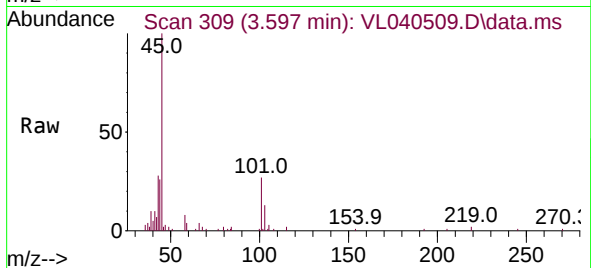
98 70.2 48.7 73.1





#19
Isopropyl Alcohol
Concen: 0.529 ppbv
RT: 3.597 min Scan# 309
Delta R.T. 0.035 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

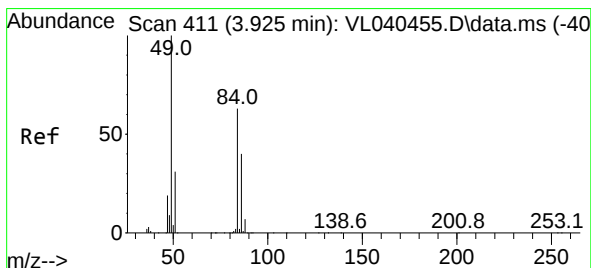
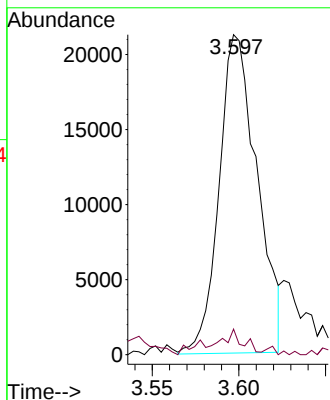
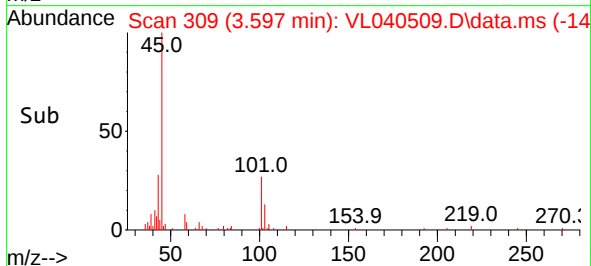
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



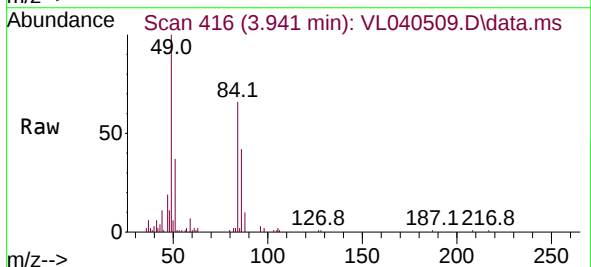
Tgt Ion: 45 Resp: 32392
Ion Ratio Lower Upper
45 100
58 7.2 2.6 4.0

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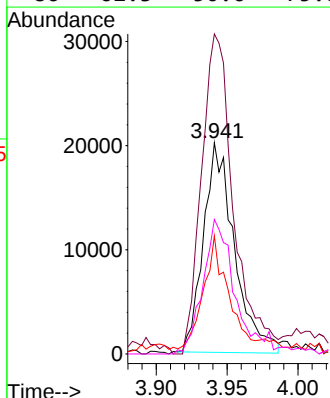
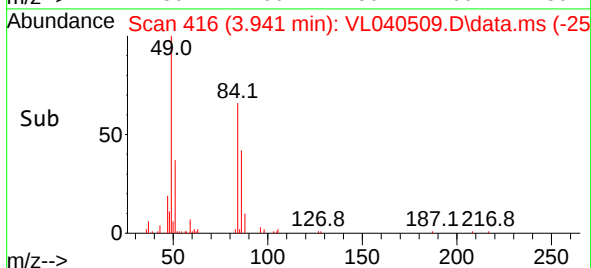
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

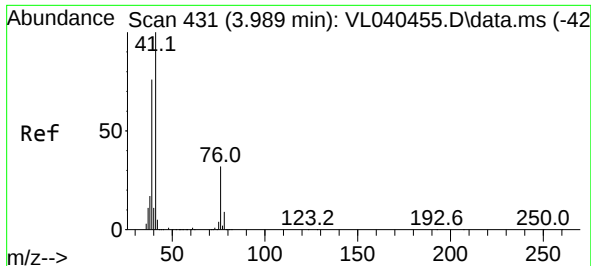


#20
Methylene Chloride
Concen: 0.565 ppbv
RT: 3.941 min Scan# 416
Delta R.T. 0.016 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48



Tgt Ion: 84 Resp: 30611
Ion Ratio Lower Upper
84 100
49 153.0 126.2 189.2
51 54.0 38.7 58.1
86 62.3 50.6 75.8





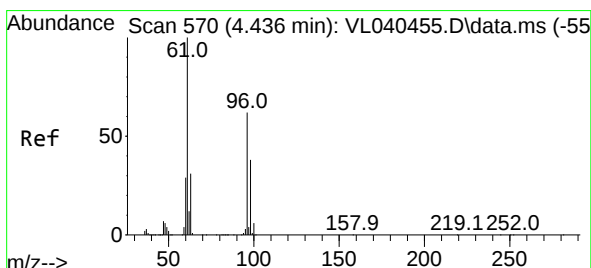
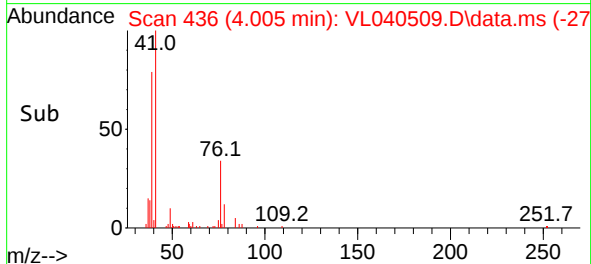
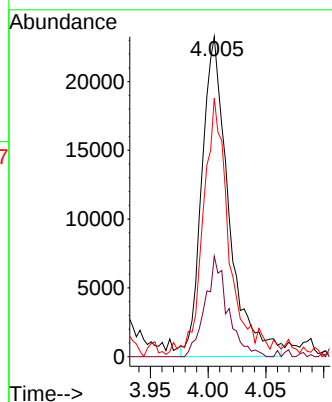
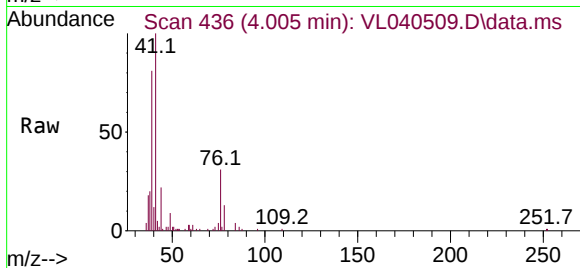
#21
 Allyl Chloride
 Concen: 0.523 ppbv m
 RT: 4.005 min Scan# 41
 Delta R.T. 0.016 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 37512
 Ion Ratio Lower Upper
 41 100
 76 26.5 26.1 39.1
 39 80.4 63.9 95.9

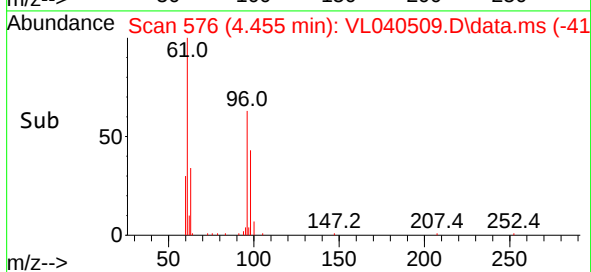
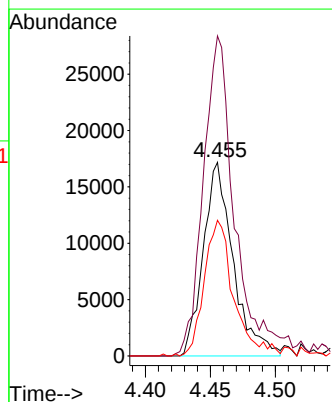
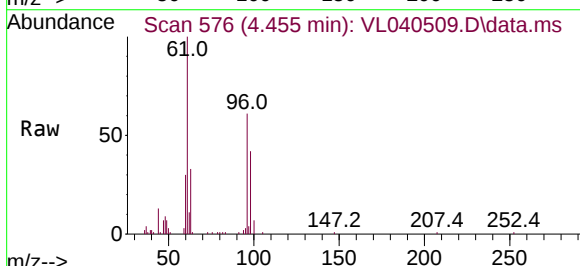
Manual Integrations
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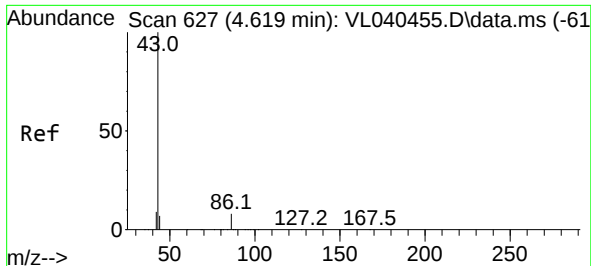
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.462 ppbv
 RT: 4.455 min Scan# 576
 Delta R.T. 0.019 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

Tgt Ion: 96 Resp: 27506
 Ion Ratio Lower Upper
 96 100
 61 163.0 128.1 192.1
 98 70.1 48.2 72.4





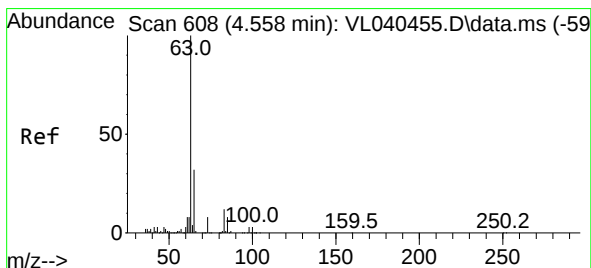
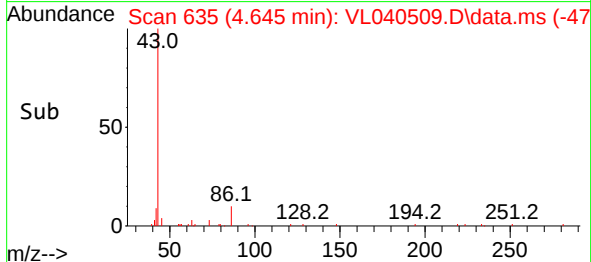
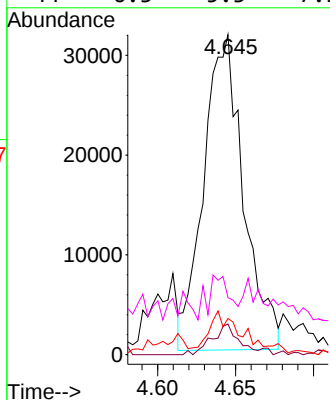
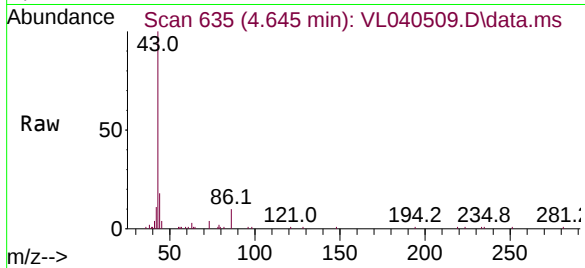
#23
 Vinyl Acetate
 Concen: 0.453 ppbv
 RT: 4.645 min Scan# 613
 Delta R.T. 0.026 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 5621
 Ion Ratio Lower Upper
 43 100
 86 10.5 5.8 8.6
 42 8.6 7.4 11.2
 44 6.3 5.3 7.9

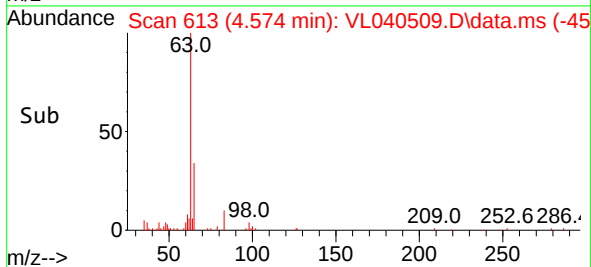
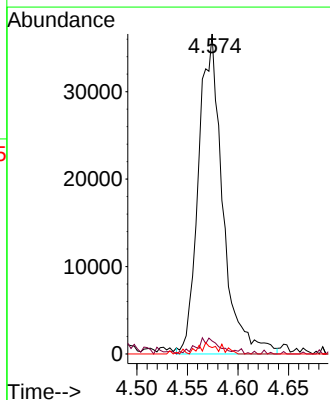
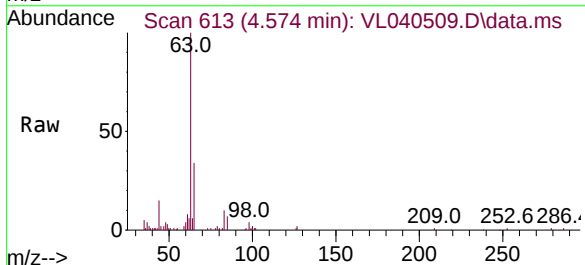
Manual Integrations
 APPROVED

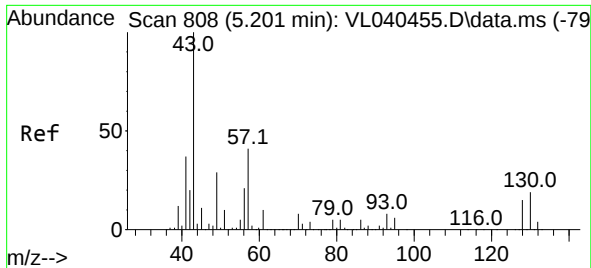
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#24
 1,1-Dichloroethane
 Concen: 0.490 ppbv m
 RT: 4.574 min Scan# 613
 Delta R.T. 0.016 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

Tgt Ion: 63 Resp: 60957
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.5
 100 2.0 1.4 4.0





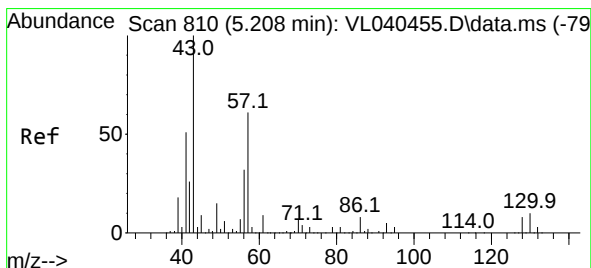
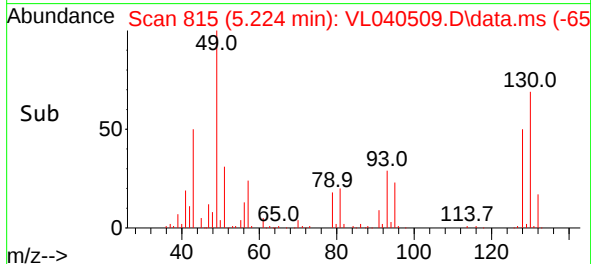
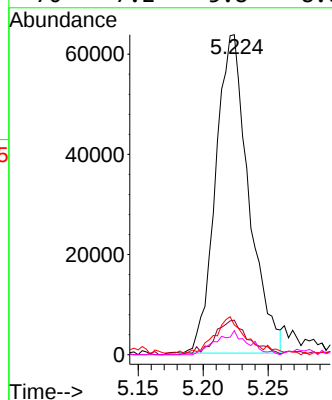
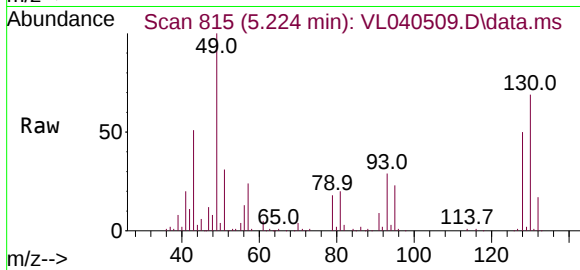
#25
Ethyl Acetate
Concen: 0.490 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.022 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 11268
Ion Ratio Lower Upper
43 100
45 12.2 8.0 12.0
61 12.0 8.1 12.1
70 7.2 5.8 8.6

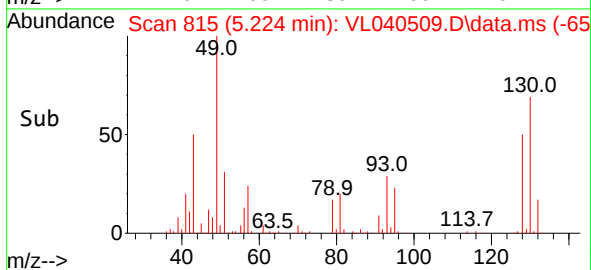
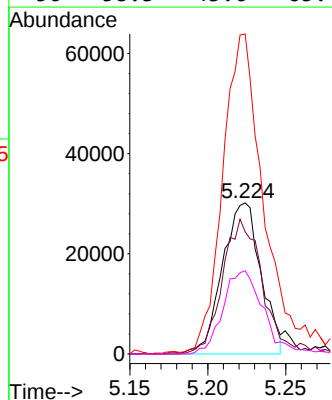
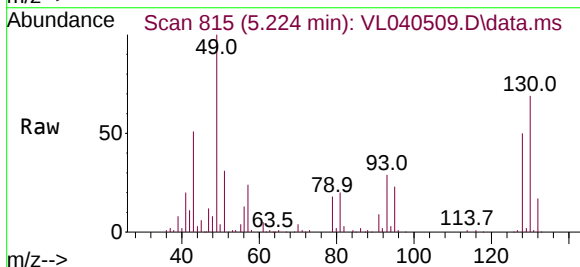
Manual Integrations
APPROVED

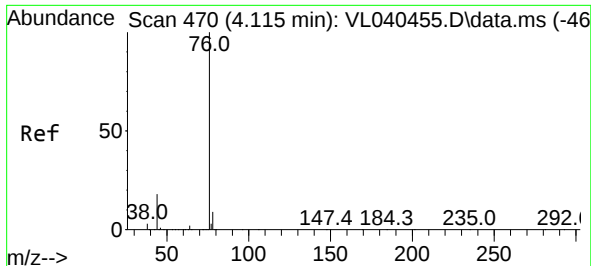
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#26
Hexane
Concen: 0.476 ppbv
RT: 5.224 min Scan# 815
Delta R.T. 0.016 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

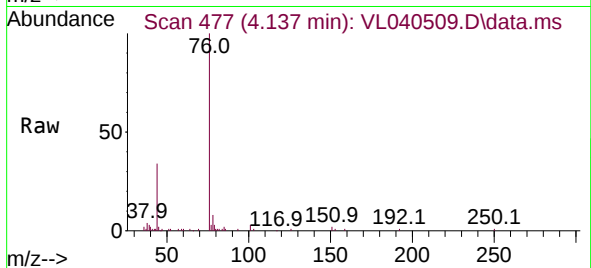
Tgt Ion: 57 Resp: 51892
Ion Ratio Lower Upper
57 100
41 97.3 73.0 109.6
43 237.6 177.5 266.3
56 58.3 43.6 65.4





#27
Carbon Disulfide
Concen: 0.406 ppbv
RT: 4.137 min Scan# 411
Delta R.T. 0.022 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

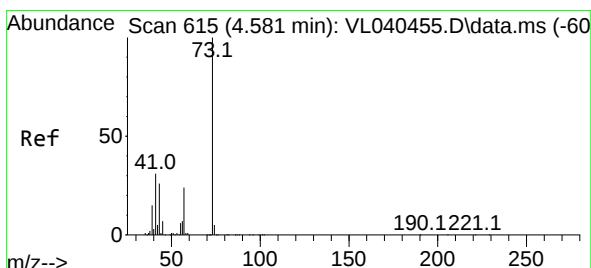
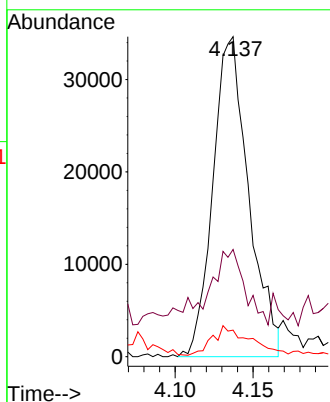
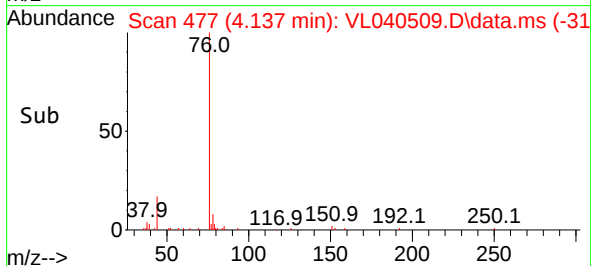
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 5531
Ion Ratio Lower Upper
76 100
44 32.7 14.6 22.0
78 11.6 7.6 11.4

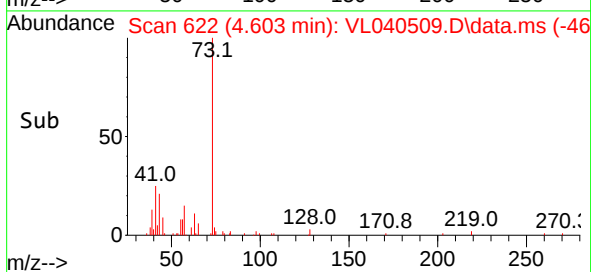
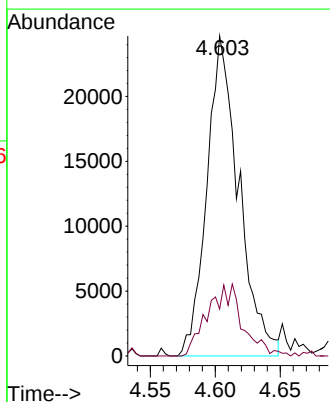
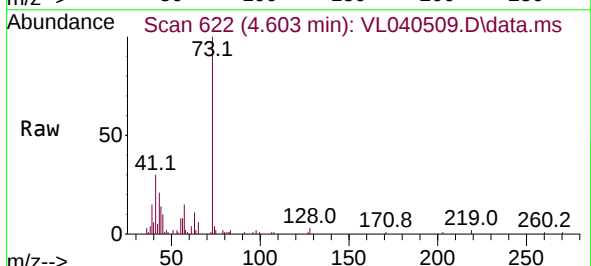
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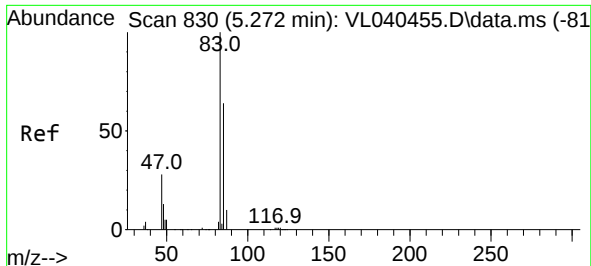
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#28
Methyl tert-Butyl Ether
Concen: 0.503 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.022 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 19.0 28.4





#29

Chloroform

Concen: 0.491 ppbv

RT: 5.282 min Scan# 81

Delta R.T. 0.010 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 9105

Ion Ratio Lower Upper

83 100

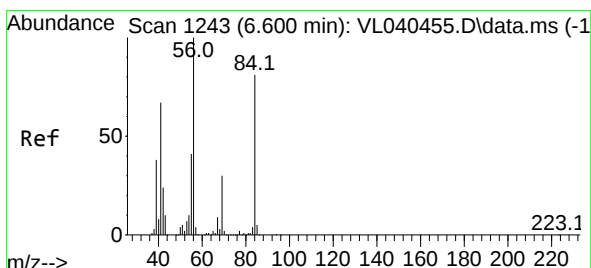
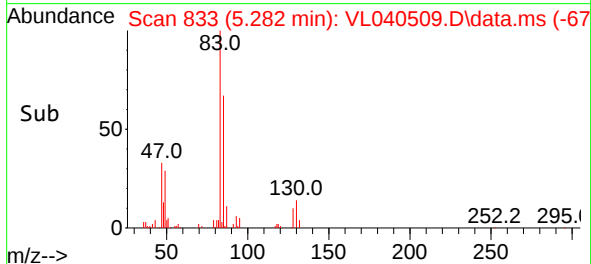
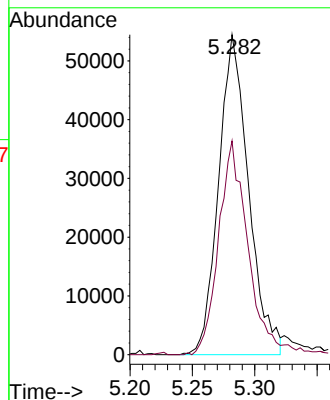
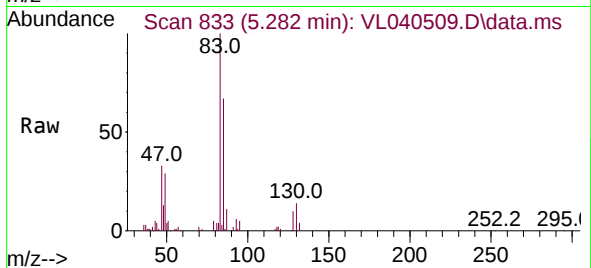
85 66.8 51.1 76.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#30

Cyclohexane

Concen: 0.521 ppbv m

RT: 6.613 min Scan# 1247

Delta R.T. 0.013 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

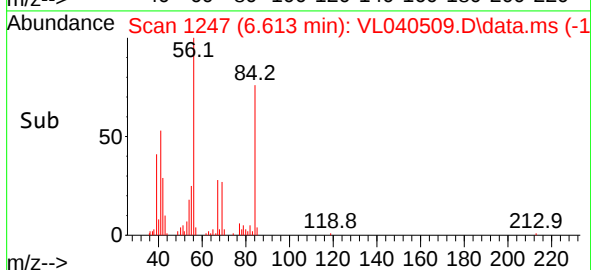
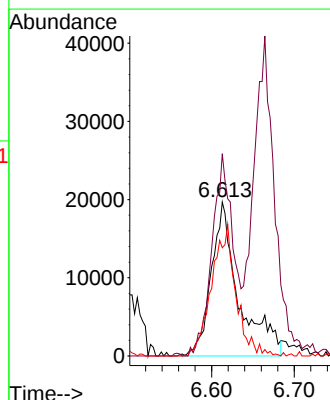
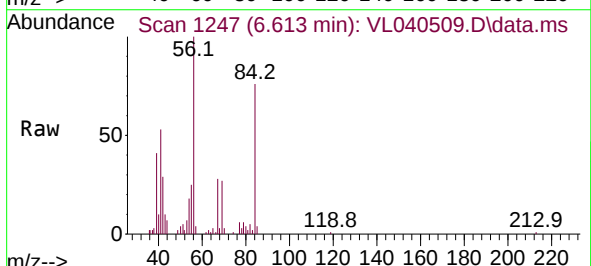
Tgt Ion: 84 Resp: 45721

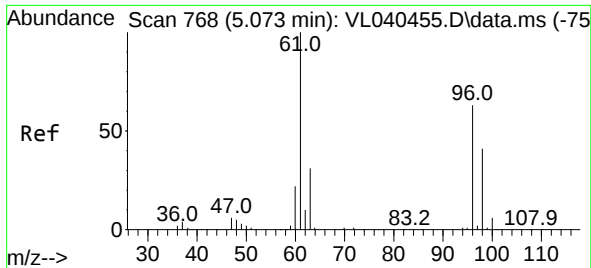
Ion Ratio Lower Upper

84 100

56 99.9 106.0 159.0#

41 74.9 66.8 100.2





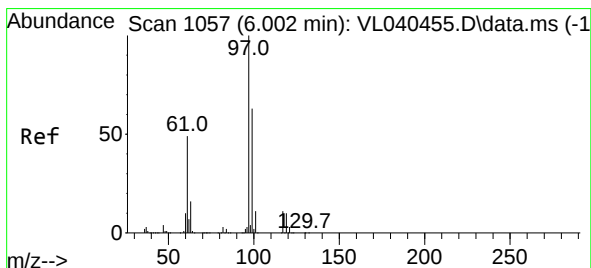
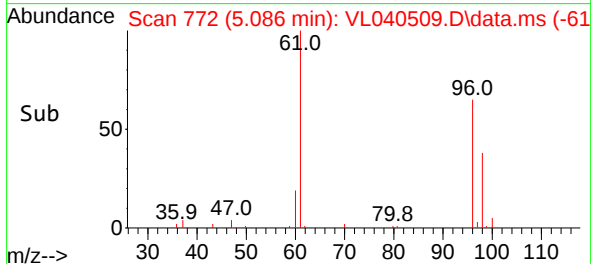
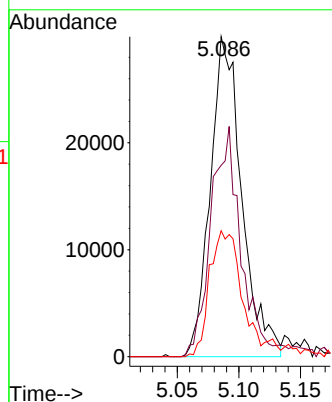
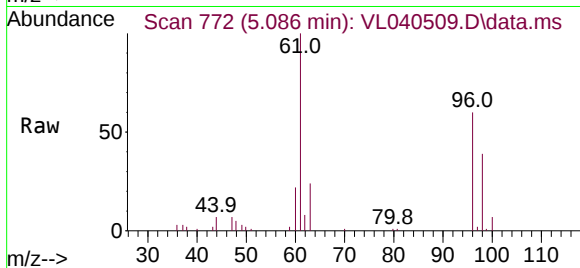
#31
 cis-1,2-Dichloroethene
 Concen: 0.510 ppbv m
 RT: 5.086 min Scan# 71
 Delta R.T. 0.013 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 53190
 Ion Ratio Lower Upper
 61 100
 96 59.8 50.2 75.4
 98 39.4 32.9 49.3

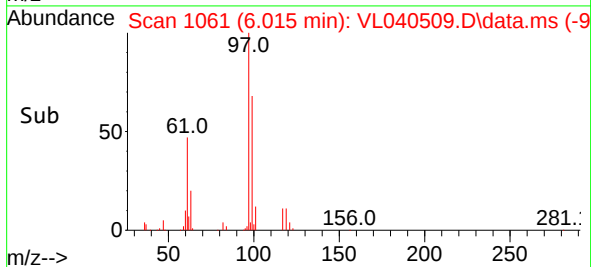
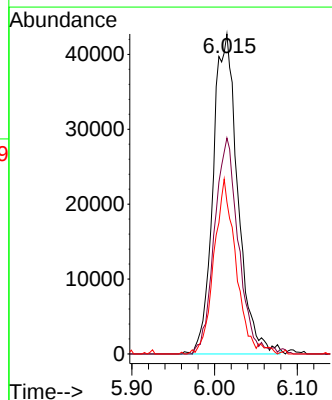
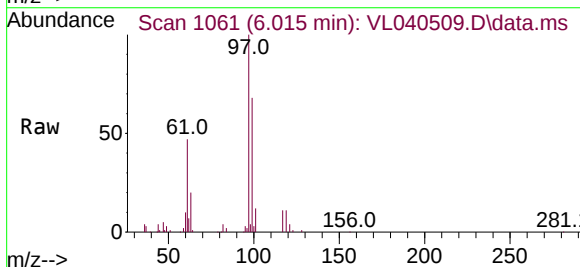
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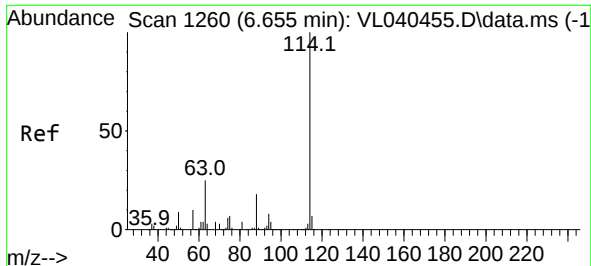
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.485 ppbv m
 RT: 6.015 min Scan# 1061
 Delta R.T. 0.013 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

Tgt Ion: 97 Resp: 88791
 Ion Ratio Lower Upper
 97 100
 99 66.1 51.5 77.3
 61 49.2 39.7 59.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 279101

Ion Ratio Lower Upper

114 100

63 24.8 21.0 31.6

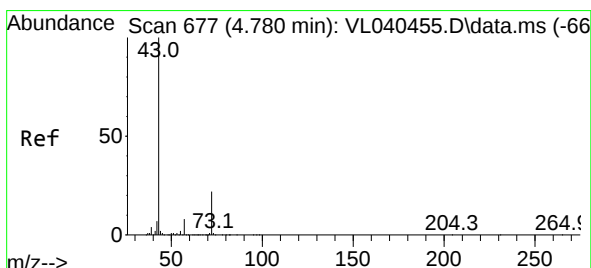
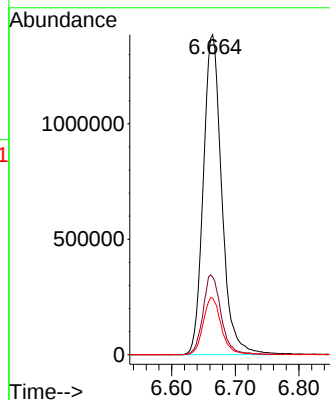
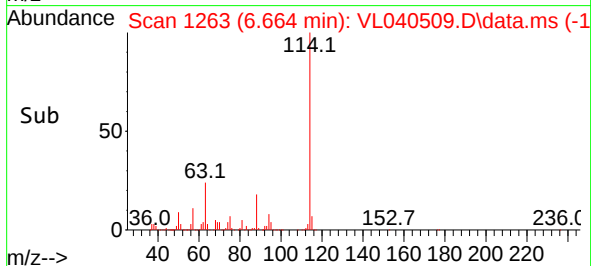
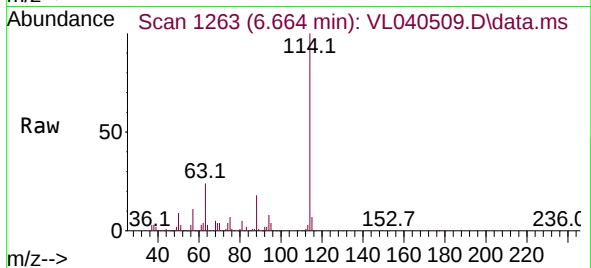
88 17.6 14.5 21.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#34

2-Butanone

Concen: 0.458 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.022 min

Lab File: VL040509.D

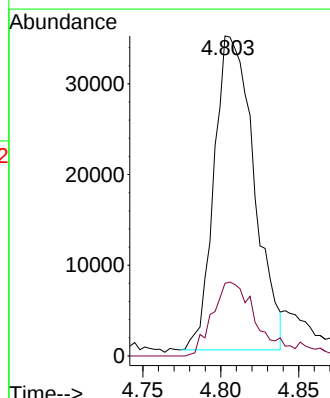
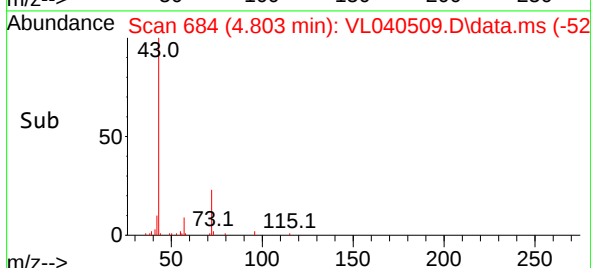
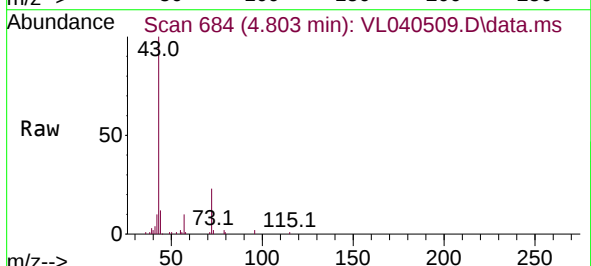
Acq: 10 Jul 2023 13:48

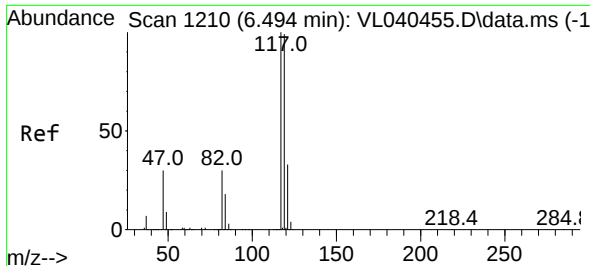
Tgt Ion: 43 Resp: 61627

Ion Ratio Lower Upper

43 100

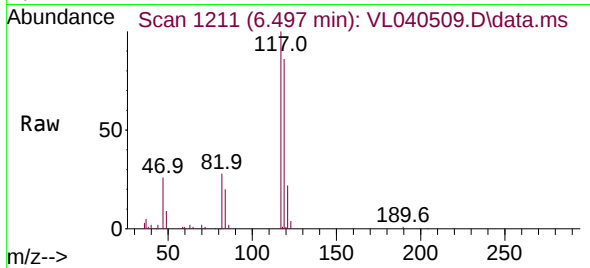
72 28.2 18.1 27.1#





#35
Carbon Tetrachloride
Concen: 0.444 ppbv
RT: 6.497 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

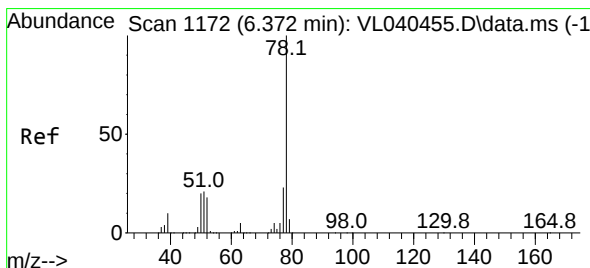
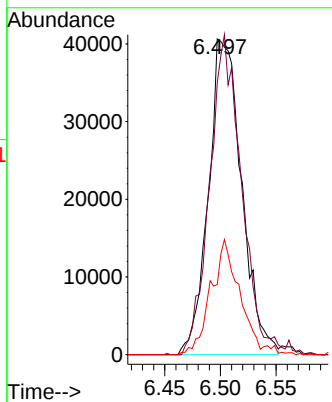
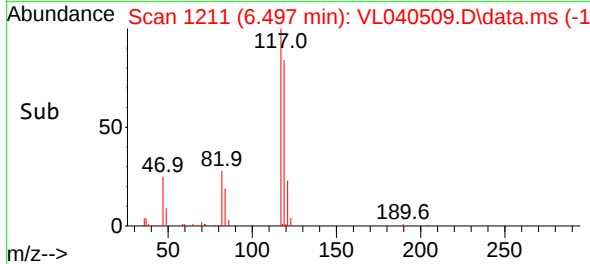
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 117 Resp: 8441
Ion Ratio Lower Upper
117 100
119 86.1 79.1 118.7
121 22.3 26.0 39.0

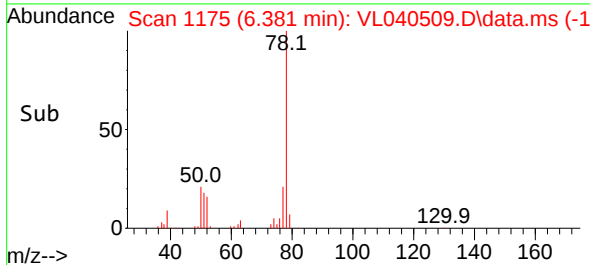
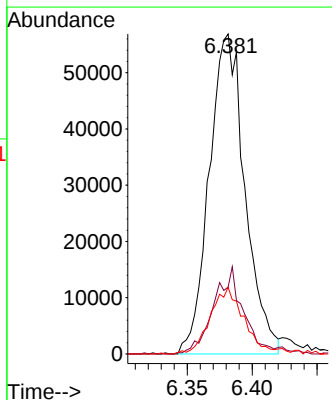
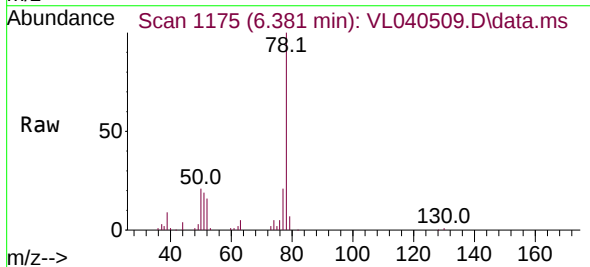
Manual Integrations
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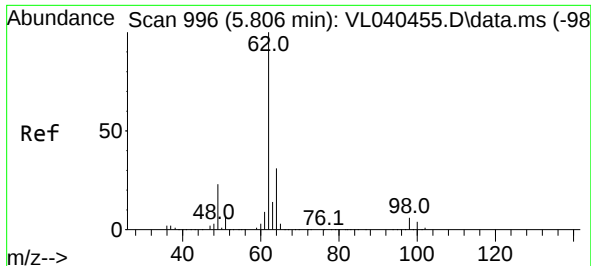
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#36
Benzene
Concen: 0.490 ppbv
RT: 6.381 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

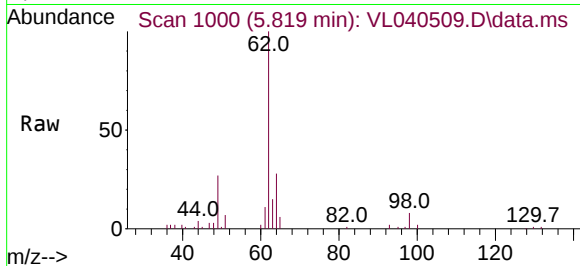
Tgt Ion: 78 Resp: 108834
Ion Ratio Lower Upper
78 100
77 20.5 18.5 27.7
50 20.5 16.1 24.1





#37
1,2-Dichloroethane
Concen: 0.448 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. 0.013 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

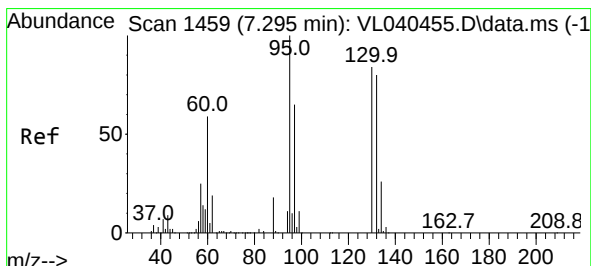
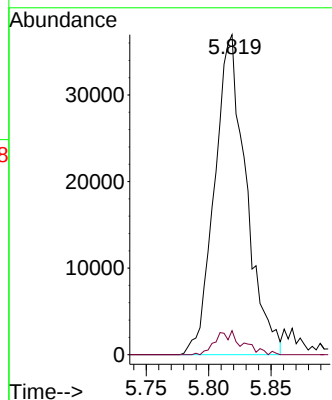
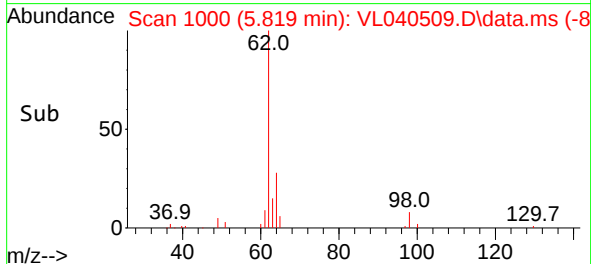
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 62 Resp: 6485
Ion Ratio Lower Upper
62 100
98 6.4 4.6 6.8

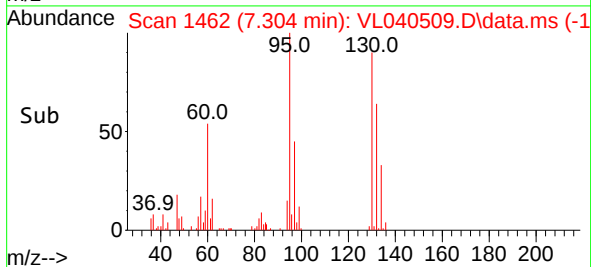
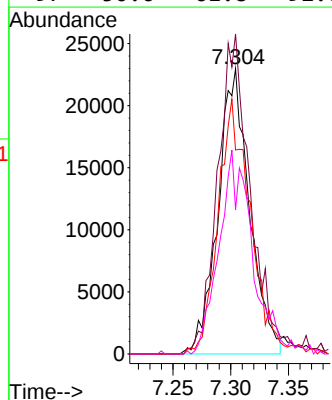
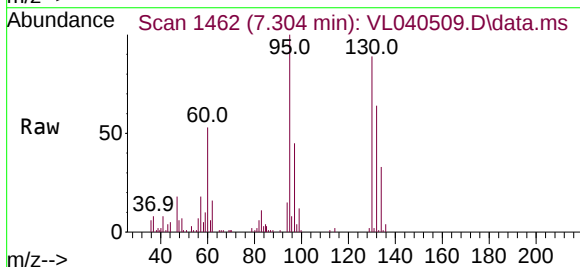
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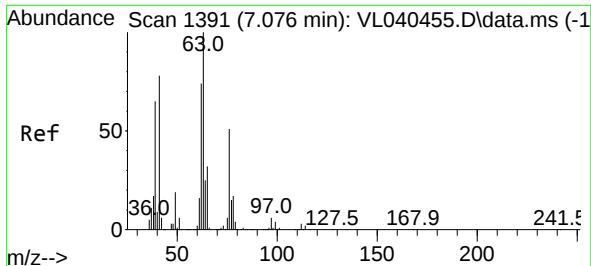
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#38
Trichloroethene
Concen: 0.517 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.010 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 95.4 143.0
132 71.5 76.3 114.5#
97 50.6 61.8 92.6#





#39

1,2-Dichloropropane

Concen: 0.514 ppbv

RT: 7.079 min Scan# 1471

Delta R.T. 0.003 min

Lab File: VL040509.D

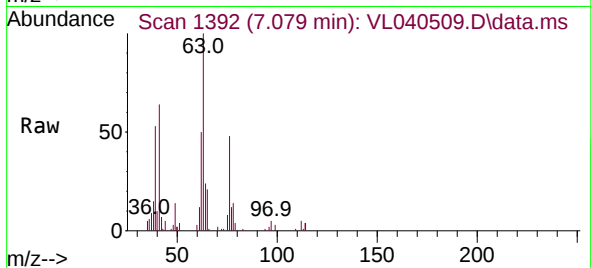
Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion: 63 Resp: 44010

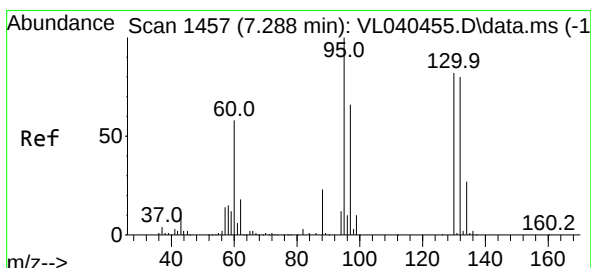
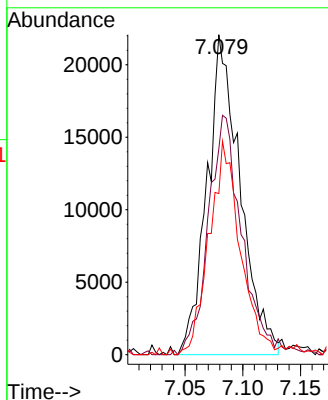
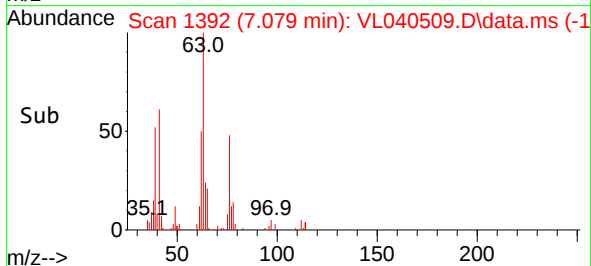
Ion	Ratio	Lower	Upper
63	100		
41	64.4	62.2	93.2
62	50.3	59.0	88.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023



#40

1,4-Dioxane

Concen: 0.533 ppbv m

RT: 7.333 min Scan# 1471

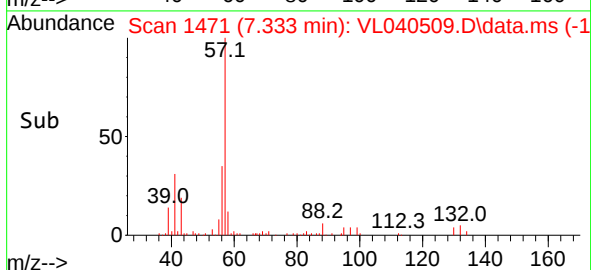
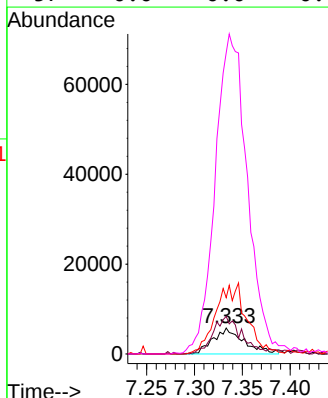
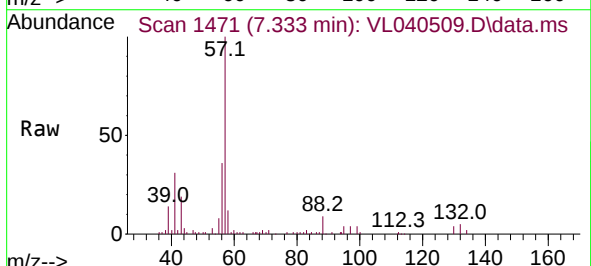
Delta R.T. 0.045 min

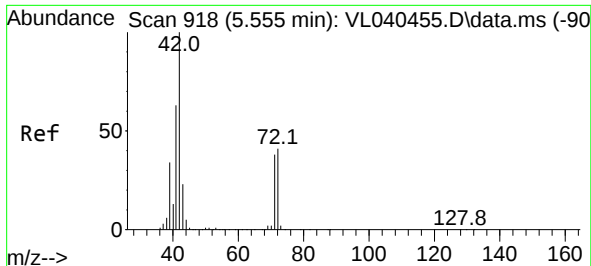
Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Tgt Ion: 88 Resp: 12919

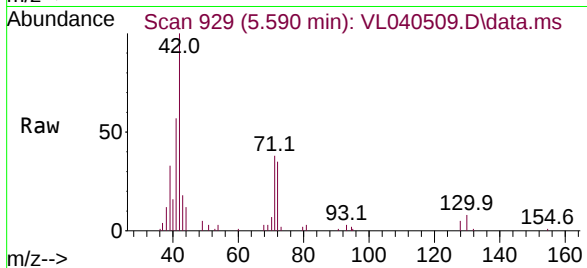
Ion	Ratio	Lower	Upper
88	100		
58	0.0	0.0	0.0
43	0.0	0.0	0.0
57	0.0	0.0	0.0





#41
Tetrahydrofuran
Concen: 0.508 ppbv m
RT: 5.590 min Scan# 918
Delta R.T. 0.035 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

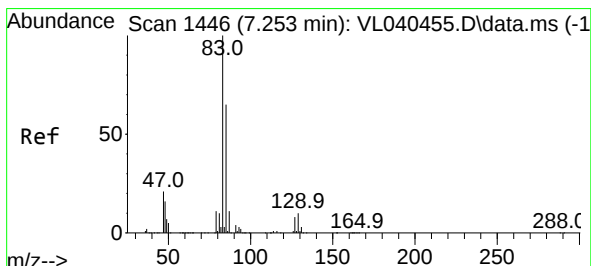
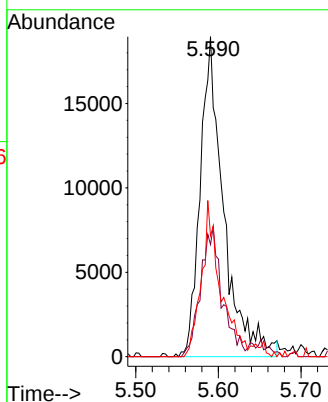
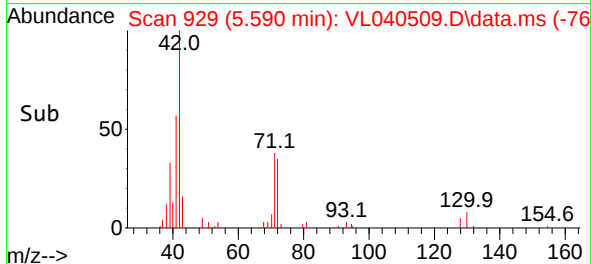
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



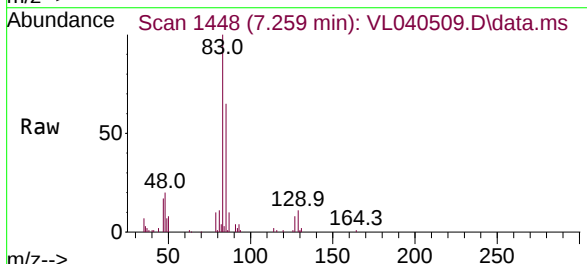
Tgt Ion: 42 Resp: 37330
Ion Ratio Lower Upper
42 100
72 37.7 33.8 50.8
71 42.0 32.3 48.5

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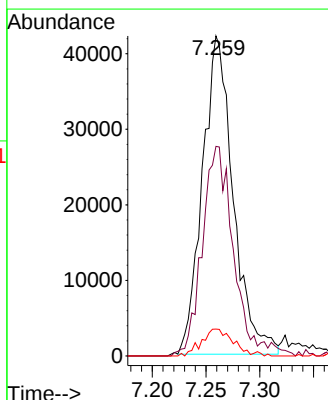
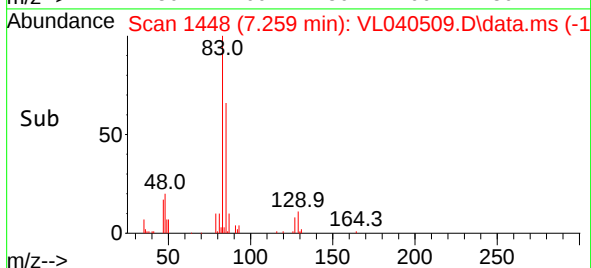
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

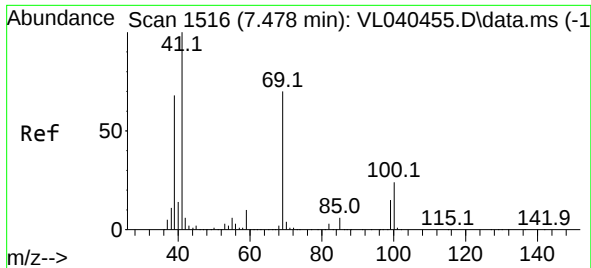


#42
Bromodichloromethane
Concen: 0.421 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48



Tgt Ion: 83 Resp: 83946
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6
127 8.4 6.1 9.1





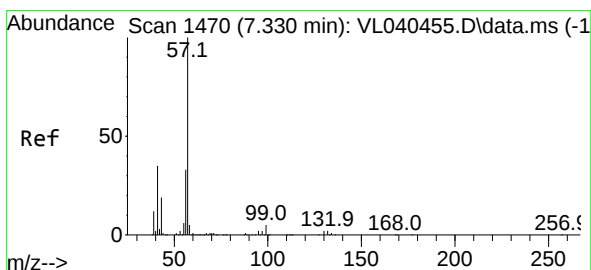
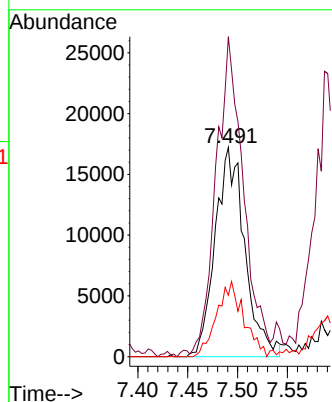
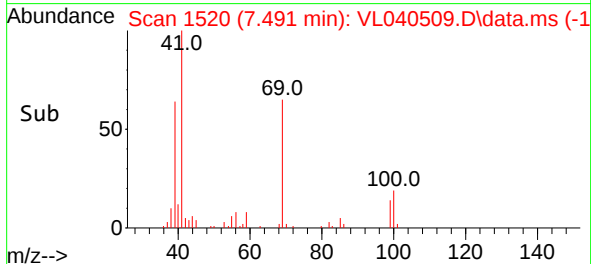
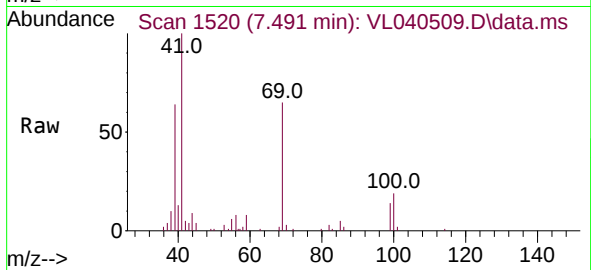
#43
Methyl Methacrylate
Concen: 0.446 ppbv m
RT: 7.491 min Scan# 1520
Delta R.T. 0.013 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 69 Resp: 3560
Ion Ratio Lower Upper
69 100
41 146.5 114.3 171.5
100 33.3 25.4 38.2

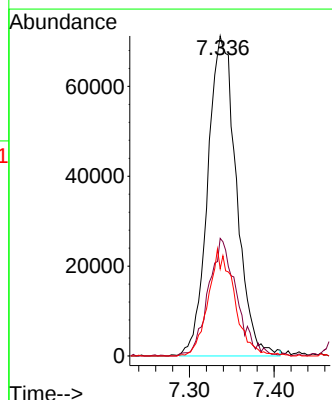
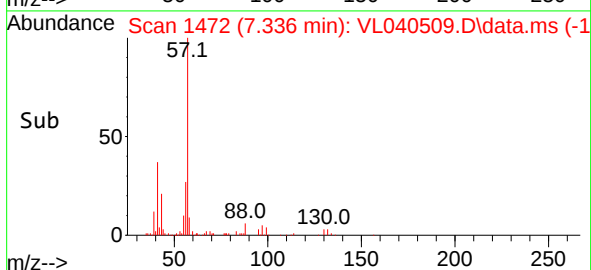
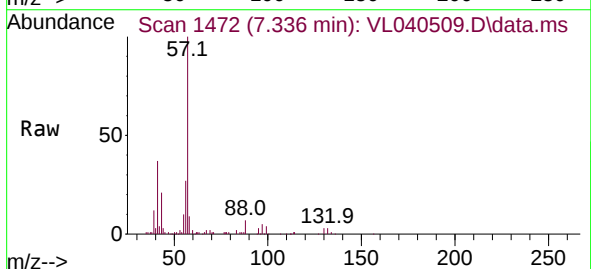
Manual Integrations
APPROVED

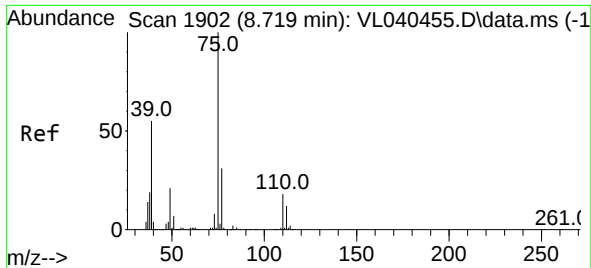
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#44
2,2,4-Trimethylpentane
Concen: 0.462 ppbv m
RT: 7.336 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion: 57 Resp: 167665
Ion Ratio Lower Upper
57 100
41 36.2 27.8 41.8
56 31.0 25.3 37.9





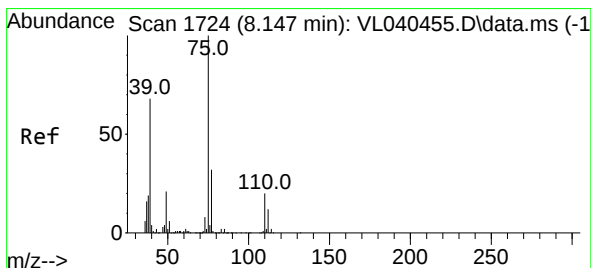
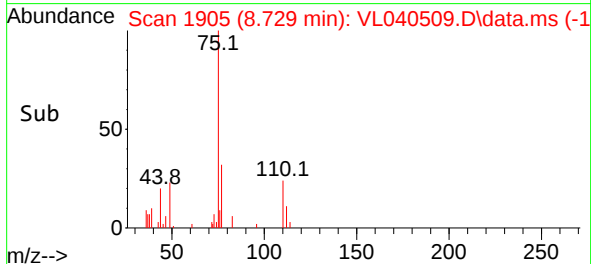
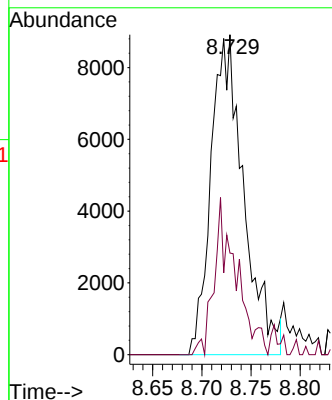
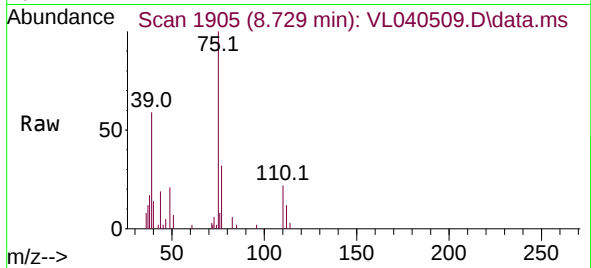
#45
t-1,3-Dichloropropene
Concen: 0.350 ppbv m
RT: 8.729 min Scan# 1902
Delta R.T. 0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 75 Resp: 2061
Ion Ratio Lower Upper
75 100
77 31.7 25.0 37.4

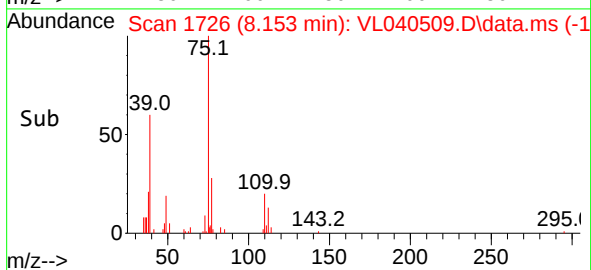
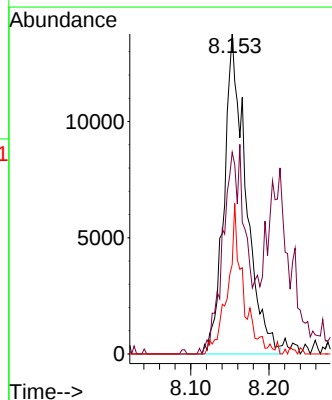
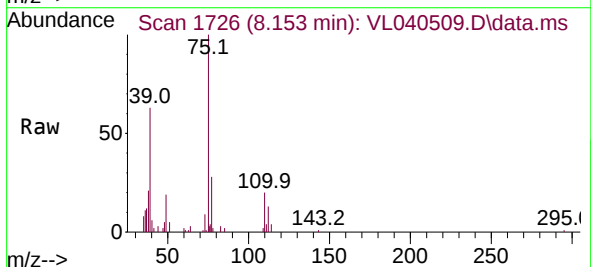
Manual Integrations
APPROVED

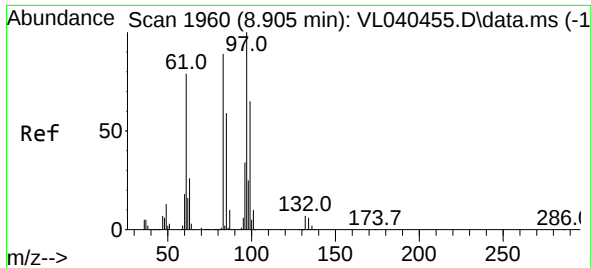
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#46
cis-1,3-Dichloropropene
Concen: 0.374 ppbv m
RT: 8.153 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

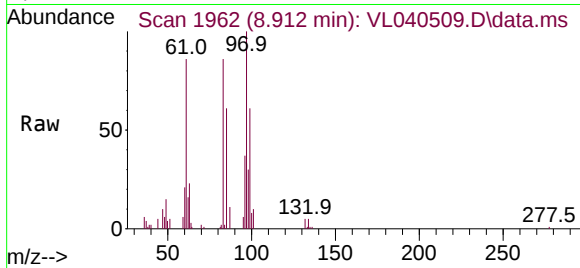
Tgt Ion: 75 Resp: 26862
Ion Ratio Lower Upper
75 100
39 63.1 54.2 81.4
77 27.9 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 0.506 ppbv m
RT: 8.912 min Scan# 1962
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

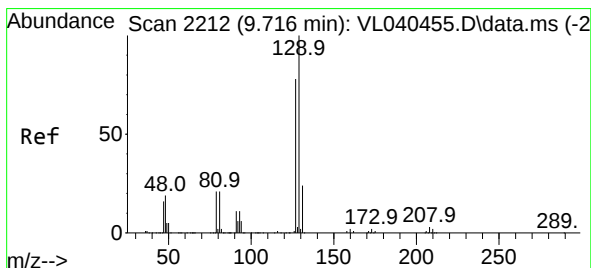
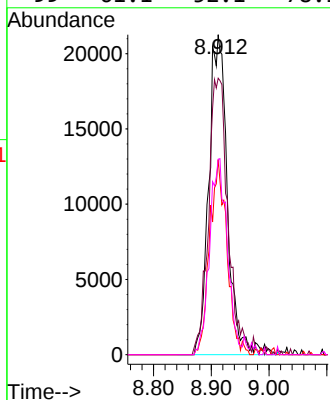
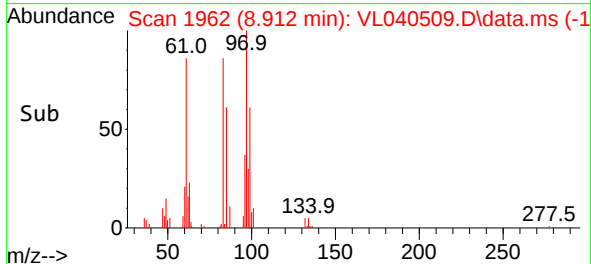
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 97 Resp: 47614
Ion Ratio Lower Upper
97 100
83 86.4 71.4 107.2
85 60.9 47.2 70.8
99 61.1 52.1 78.1

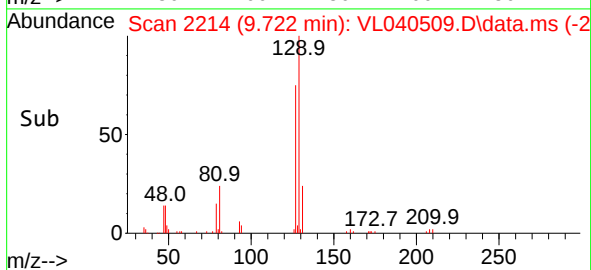
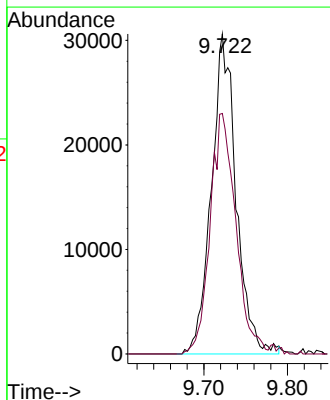
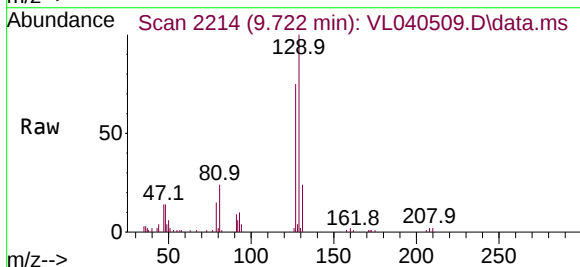
Manual Integrations
APPROVED

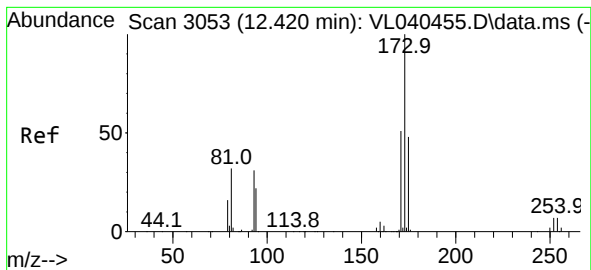
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#48
Dibromochloromethane
Concen: 0.418 ppbv m
RT: 9.722 min Scan# 2214
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Tgt Ion:129 Resp: 62833
Ion Ratio Lower Upper
129 100
127 0.0 39.4 118.1#





#49

Bromoform

Concen: 0.396 ppbv

RT: 12.420 min Scan# 3053

Delta R.T. -0.000 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

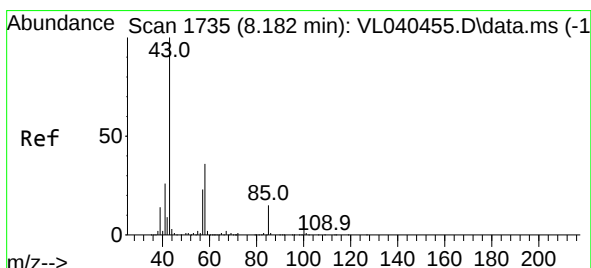
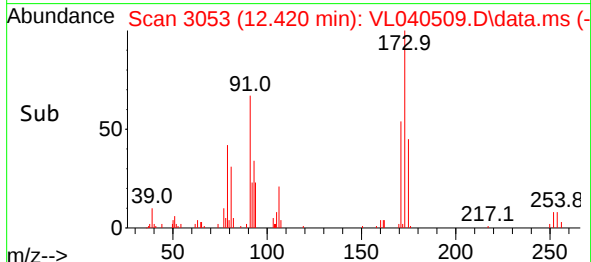
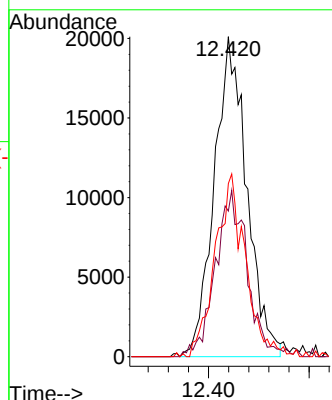
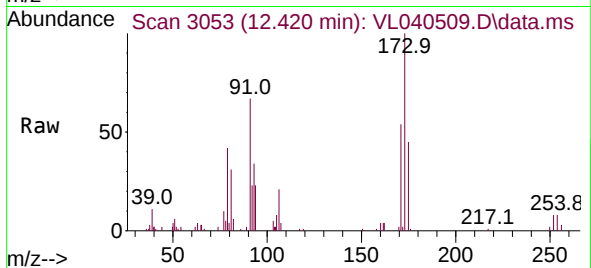
VSTDICC0.5

Tgt Ion:	173	Resp:	45090
Ion Ratio	Lower	Upper	
173	100		
175	51.4	39.2	58.8
171	53.0	42.2	63.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#50

4-Methyl-2-Pentanone

Concen: 0.464 ppbv

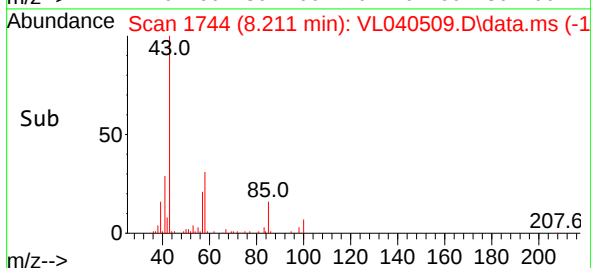
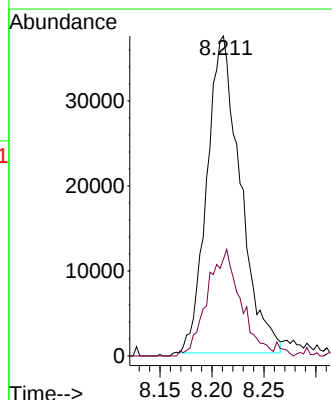
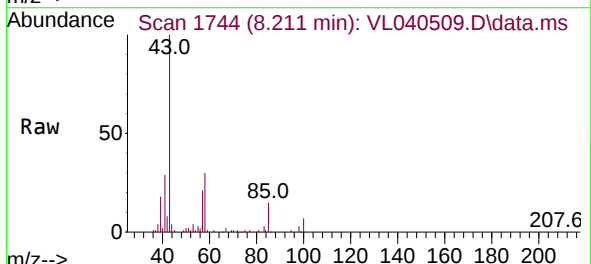
RT: 8.211 min Scan# 1744

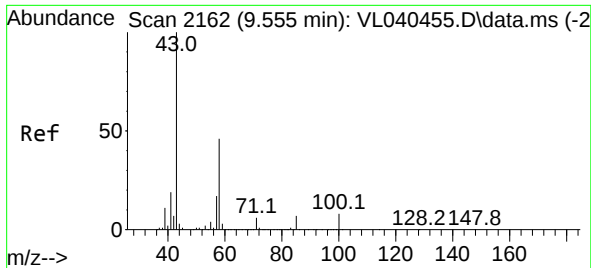
Delta R.T. 0.029 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

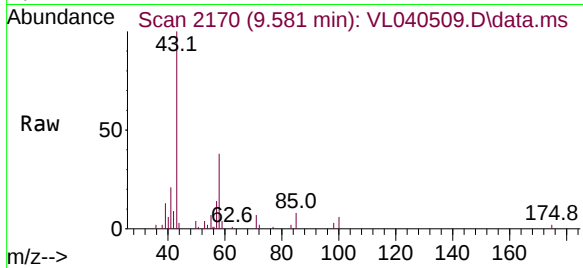
Tgt Ion:	43	Resp:	83557
Ion Ratio	Lower	Upper	
43	100		
58	34.7	28.2	42.4





#51
2-Hexanone
Concen: 0.434 ppbv m
RT: 9.581 min Scan# 2162
Delta R.T. 0.026 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

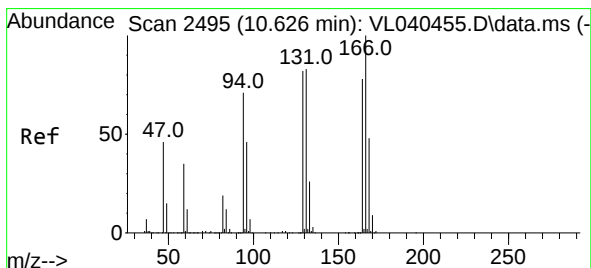
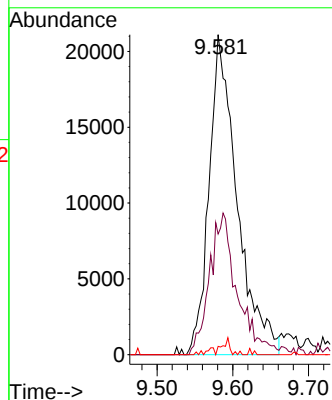
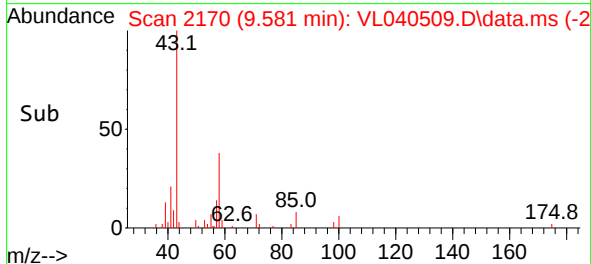
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 5436
Ion Ratio Lower Upper
43 100
58 44.7 37.1 55.7
98 2.3 0.5 0.7

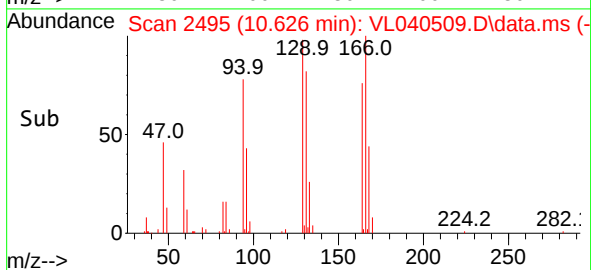
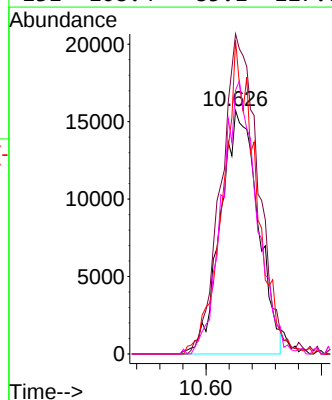
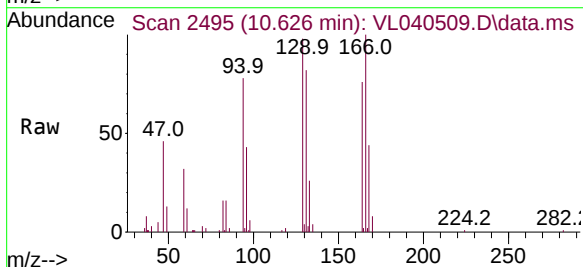
Manual Integrations
APPROVED

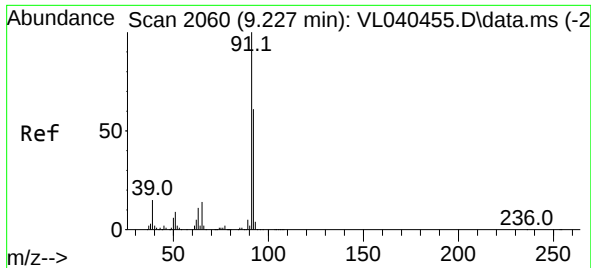
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#52
Tetrachloroethene
Concen: 0.507 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
166 131.4 102.7 154.1
129 128.8 84.6 126.8#
131 108.4 85.1 127.7





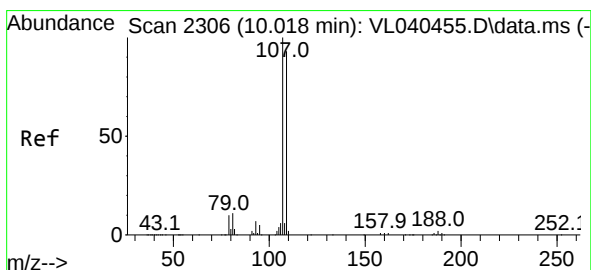
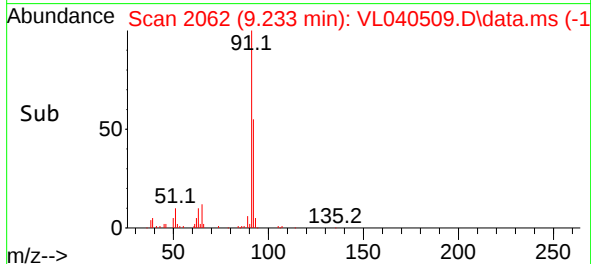
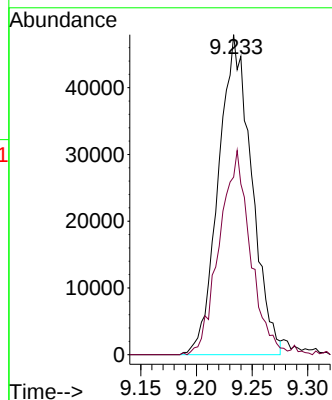
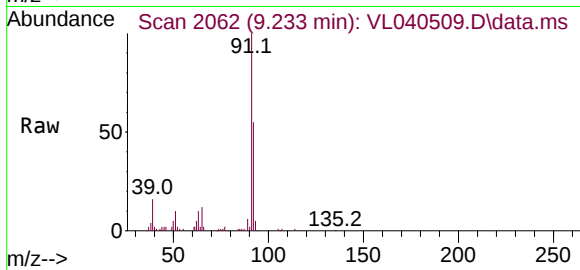
#53
Toluene
Concen: 0.425 ppbv
RT: 9.233 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

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

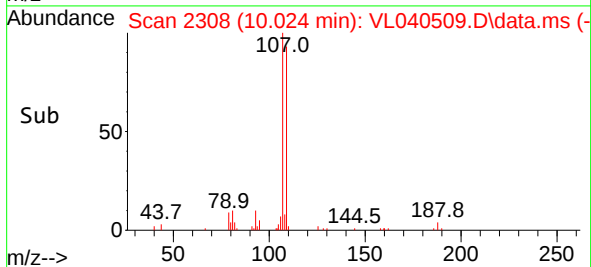
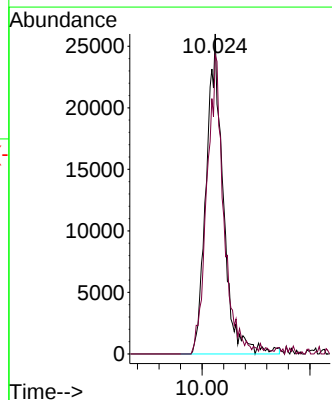
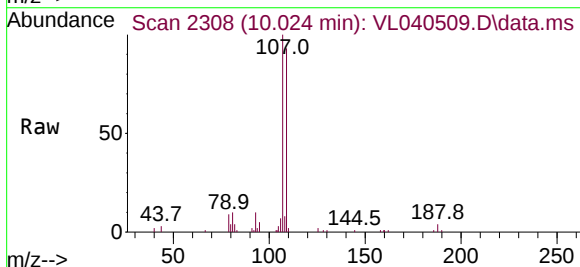
Manual Integrations
APPROVED

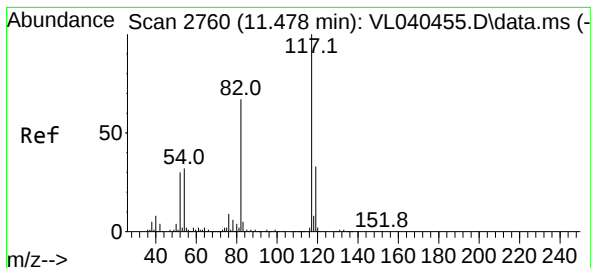
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#54
1,2-Dibromoethane
Concen: 0.459 ppbv m
RT: 10.024 min Scan# 2308
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

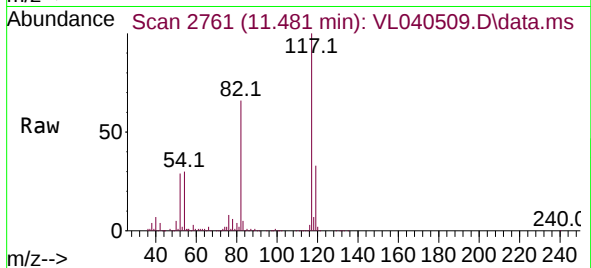
Tgt Ion:107 Resp: 56560
Ion Ratio Lower Upper
107 100
109 93.4 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.481 min Scan# 2760
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

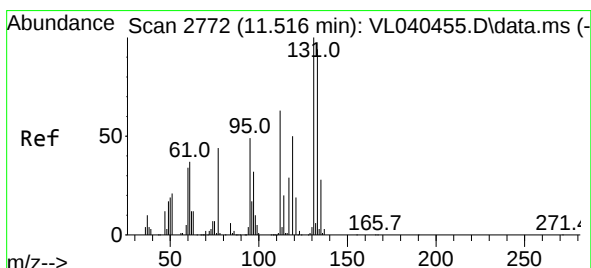
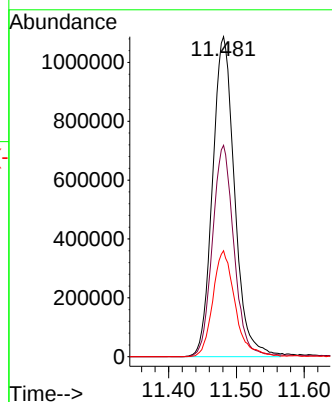
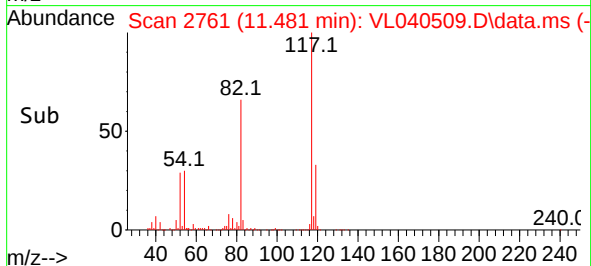
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



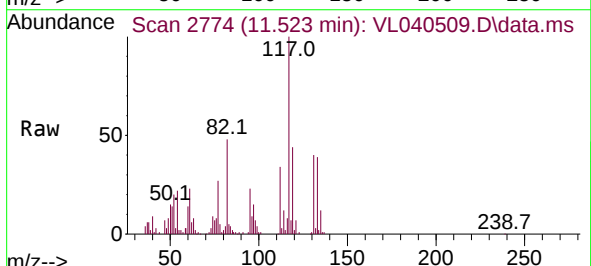
Tgt Ion:117 Resp: 2462600
Ion Ratio Lower Upper
117 100
82 64.9 53.0 79.4
119 33.7 24.4 36.6

Manual Integrations
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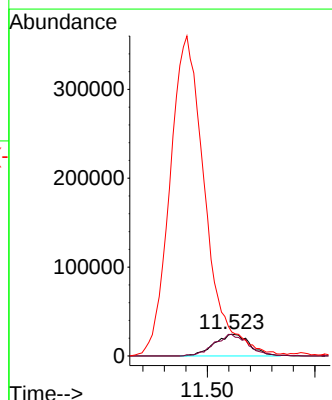
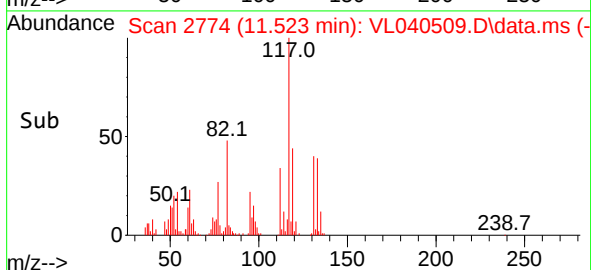
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

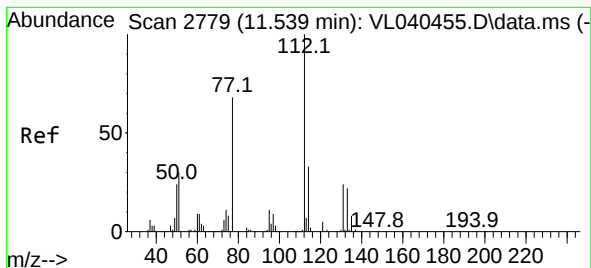


#56
1,1,1,2-Tetrachloroethane
Concen: 0.483 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48



Tgt Ion:131 Resp: 55931
Ion Ratio Lower Upper
131 100
133 95.6 75.7 113.5
119 1479.5 51.4 77.2#





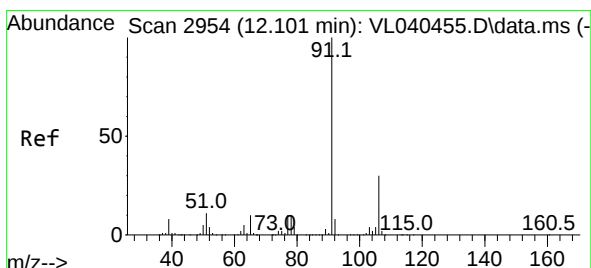
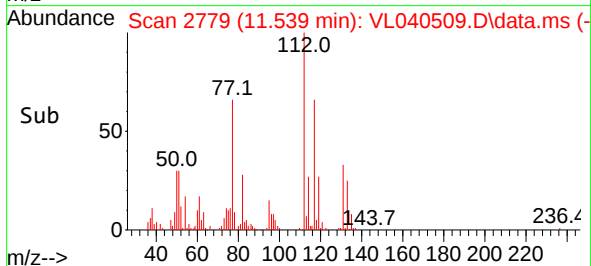
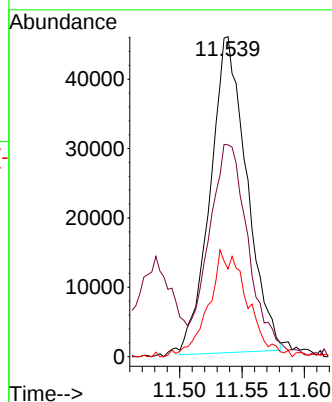
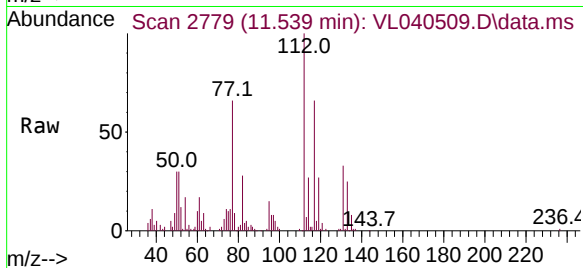
#57
Chlorobenzene
Concen: 0.499 ppbv
RT: 11.539 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 112 Resp: 92924
Ion Ratio Lower Upper
112 100
77 62.9 55.4 83.2
114 26.2 30.0 36.6

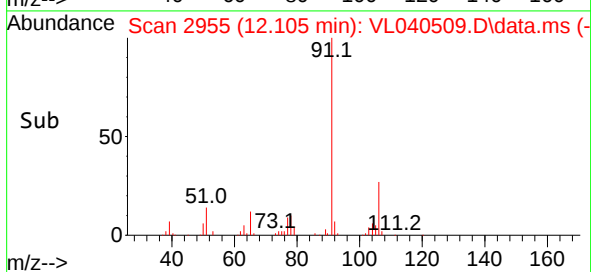
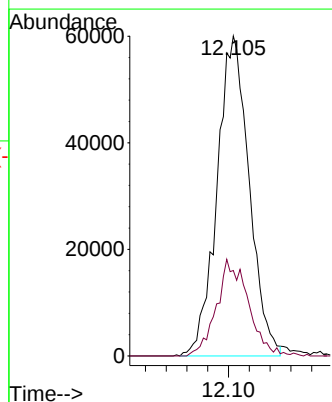
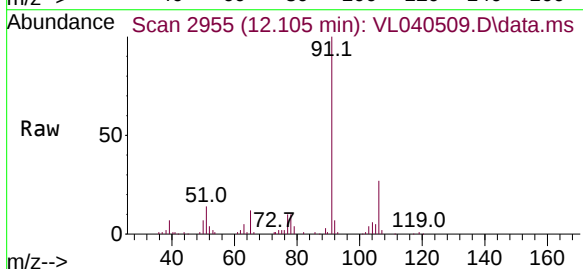
Manual Integrations
APPROVED

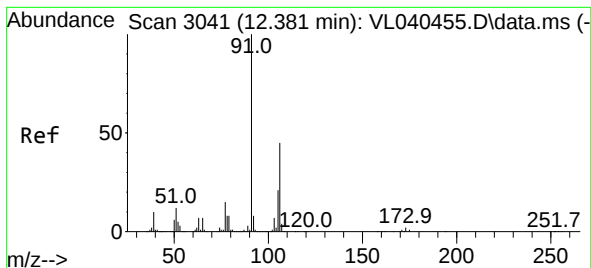
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#58
Ethyl Benzene
Concen: 0.432 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 23.7 35.5





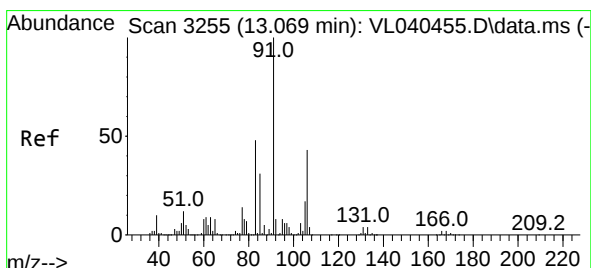
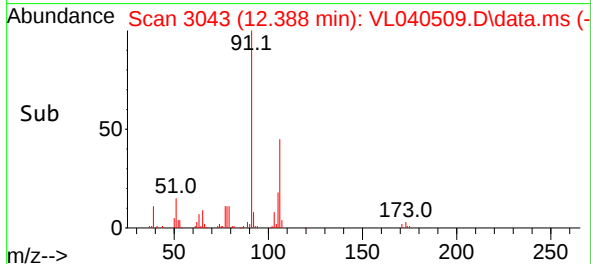
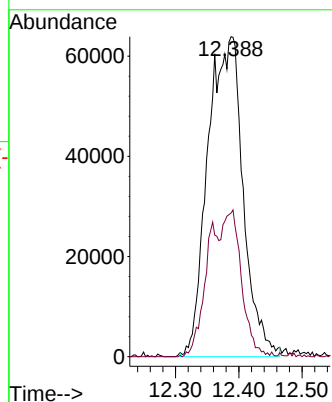
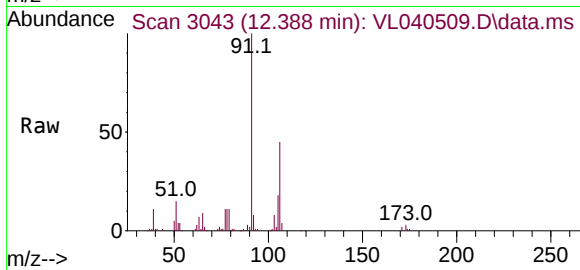
#59
m/p-Xylene
Concen: 0.903 ppbv m
RT: 12.388 min Scan# 3041
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 24762
Ion Ratio Lower Upper
91 100
106 43.1 34.6 52.0

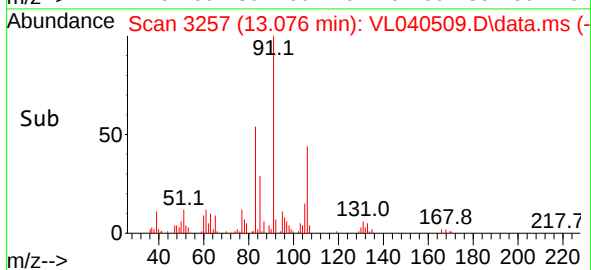
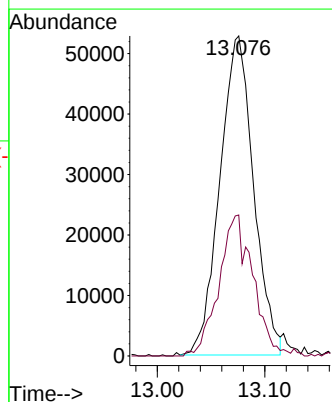
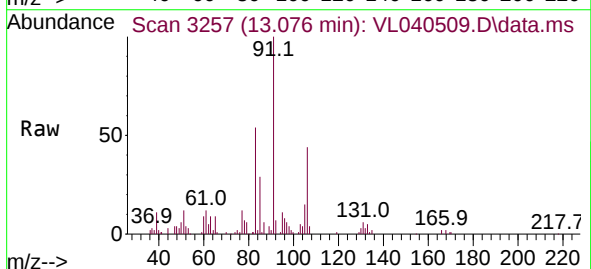
Manual Integrations
APPROVED

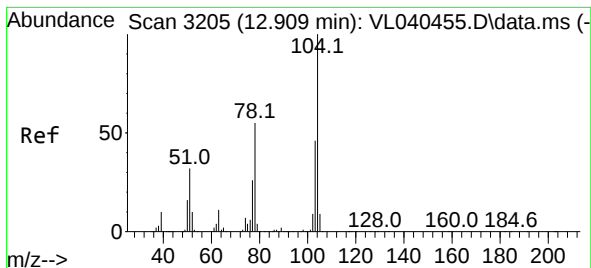
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#60
o-Xylene
Concen: 0.442 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 22.1 66.1





#61

Styrene

Concen: 0.380 ppbv m

RT: 12.912 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

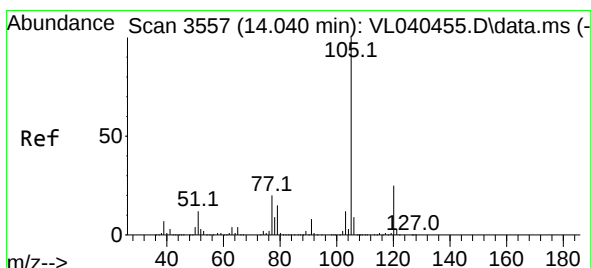
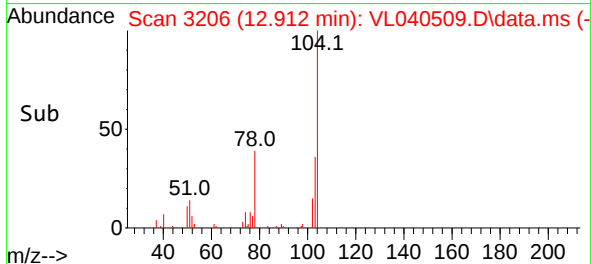
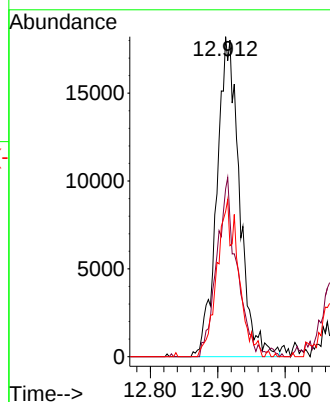
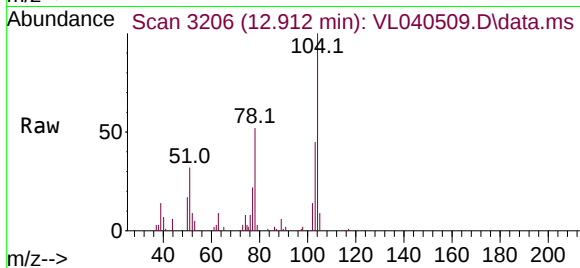
VSTDICC0.5

Tgt Ion:104	Resp:	4256
Ion Ratio	Lower	Upper
104	100	
78	50.3	43.1 64.7
103	46.7	37.1 55.7

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Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#62

Isopropylbenzene

Concen: 0.469 ppbv

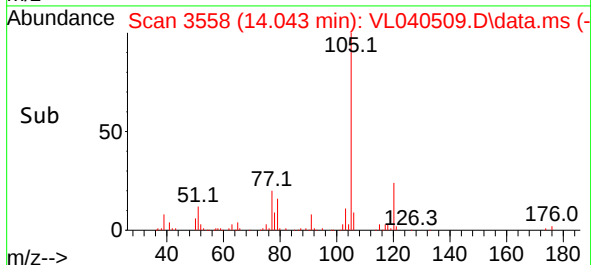
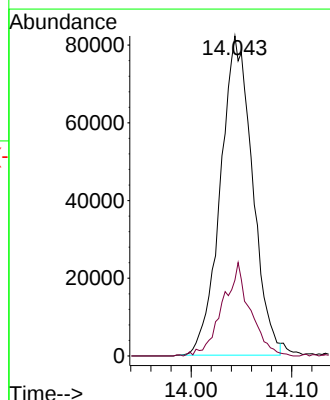
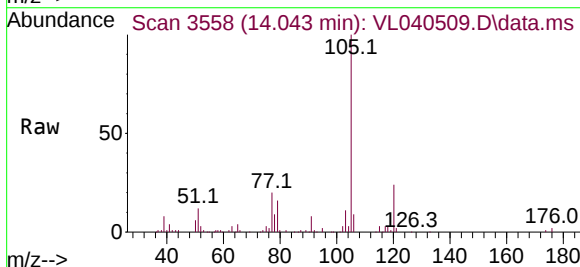
RT: 14.043 min Scan# 3558

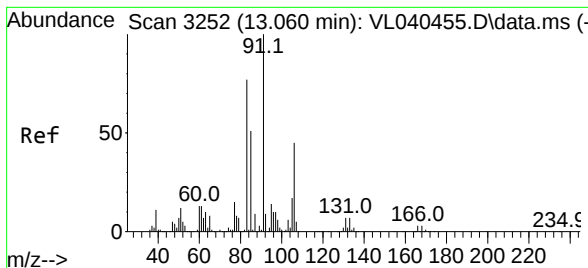
Delta R.T. 0.003 min

Lab File: VL040509.D

Acq: 10 Jul 2023 13:48

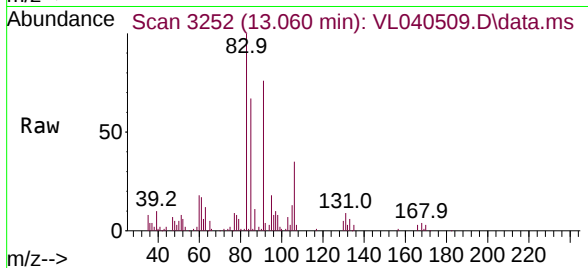
Tgt Ion:105	Resp:	181273
Ion Ratio	Lower	Upper
105	100	
120	25.5	20.2 30.4





#63
1,1,2,2-Tetrachloroethane
Concen: 0.568 ppbv
RT: 13.060 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

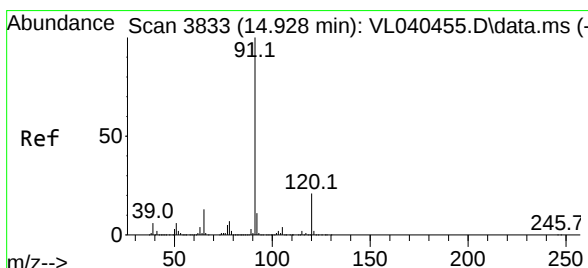
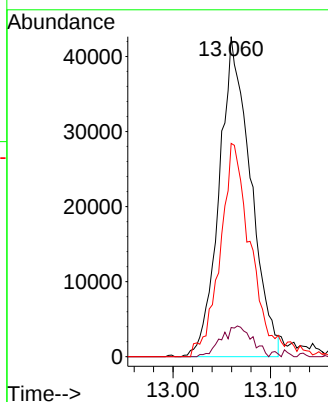
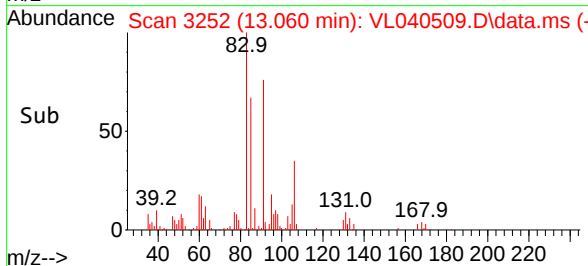
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



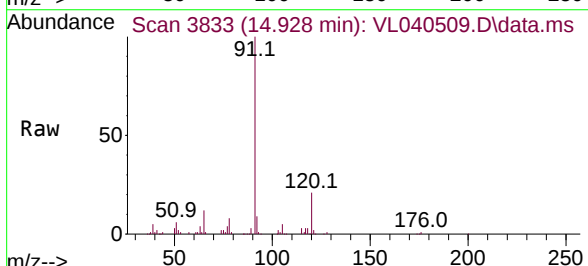
Tgt Ion: 83 Resp: 95620
Ion Ratio Lower Upper
83 100
131 10.2 4.5 13.7
85 66.8 33.0 99.0

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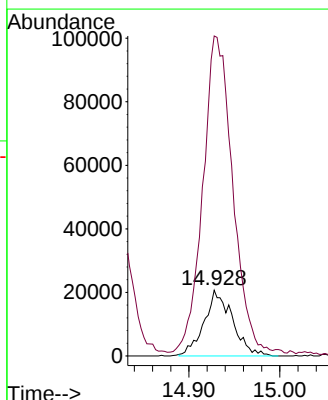
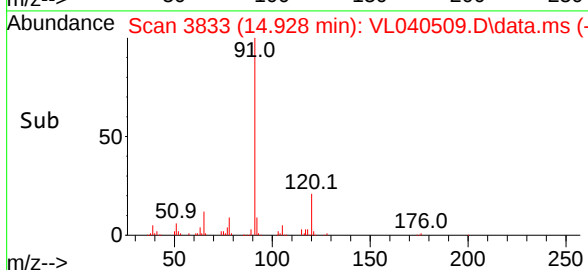
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

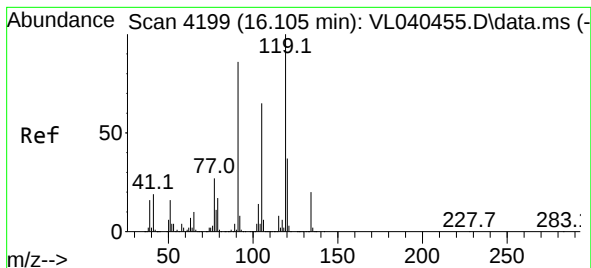


#64
n-propylbenzene
Concen: 0.455 ppbv m
RT: 14.928 min Scan# 3833
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48



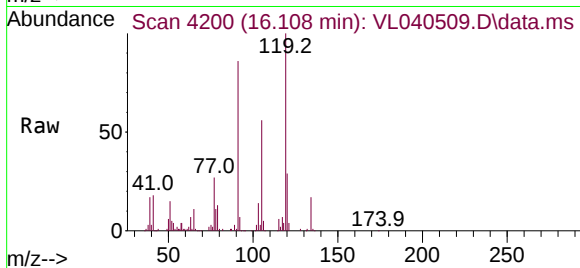
Tgt Ion:120 Resp: 44691
Ion Ratio Lower Upper
120 100
91 530.0 388.5 582.7





#65
tert-Butylbenzene
Concen: 0.465 ppbv
RT: 16.108 min Scan# 4199
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

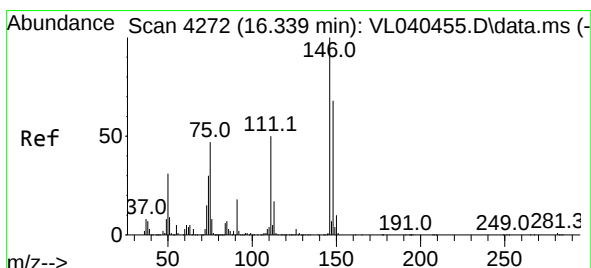
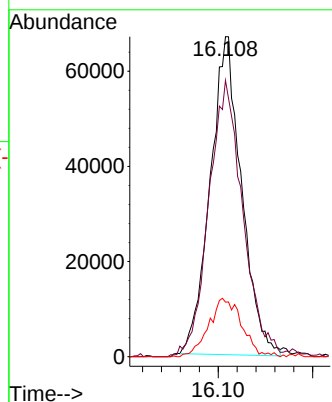
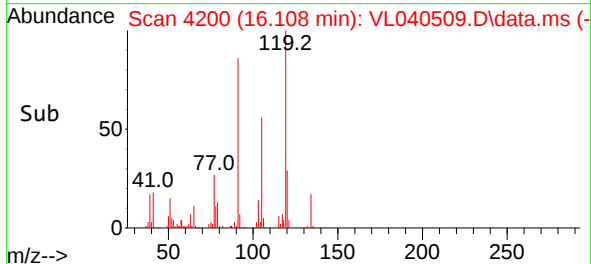
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



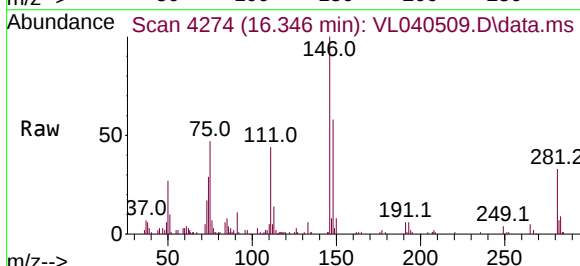
Tgt Ion: 119 Resp: 15435
Ion Ratio Lower Upper
119 100
91 94.9 70.5 105.7
134 19.6 15.6 23.4

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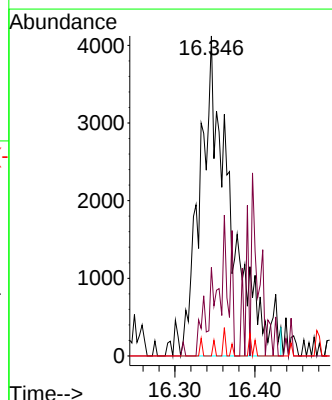
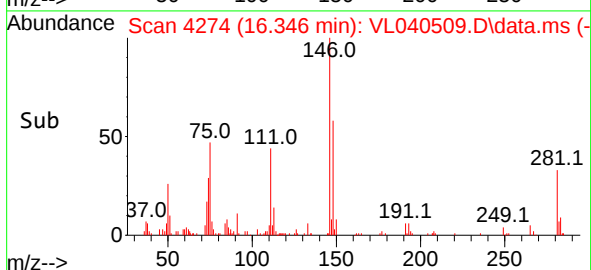
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

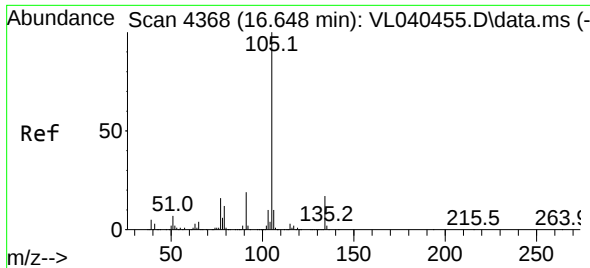


#66
Benzyl Chloride
Concen: 0.427 ppbv m
RT: 16.346 min Scan# 4274
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48



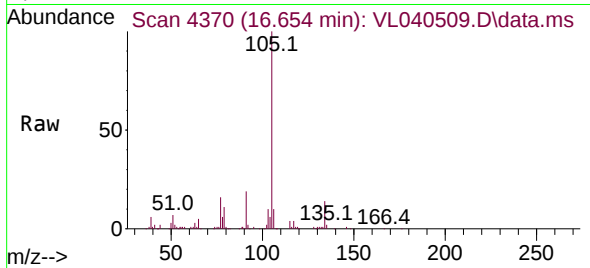
Tgt Ion: 91 Resp: 10916
Ion Ratio Lower Upper
91 100
126 19.3 13.2 19.8
128 0.0 4.6 6.8





#67
 sec-Butylbenzene
 Concen: 0.487 ppbv
 RT: 16.654 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48

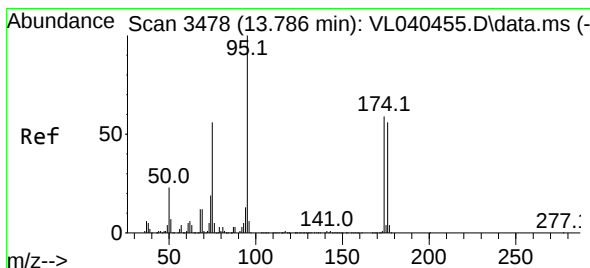
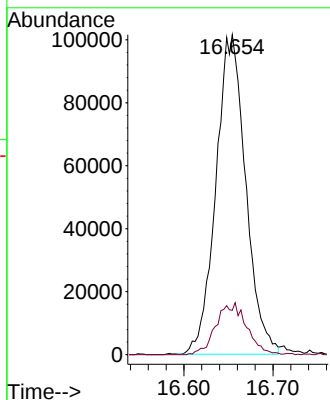
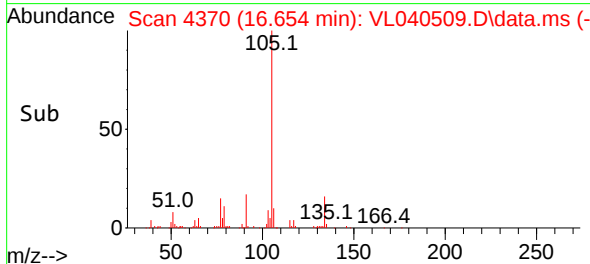
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



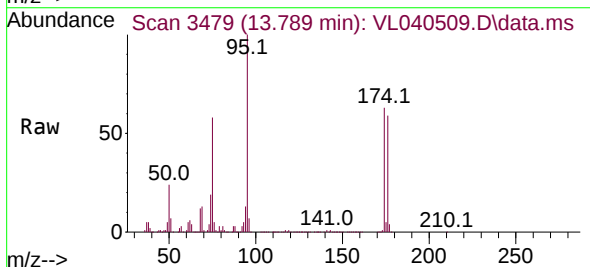
Tgt Ion:105 Resp: 23573
 Ion Ratio Lower Upper
 105 100
 134 16.8 14.0 21.0

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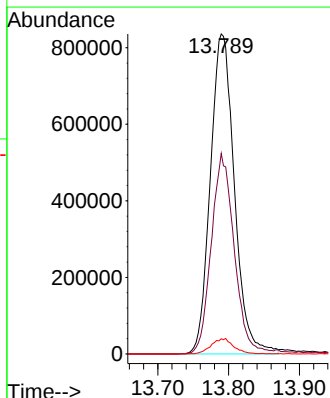
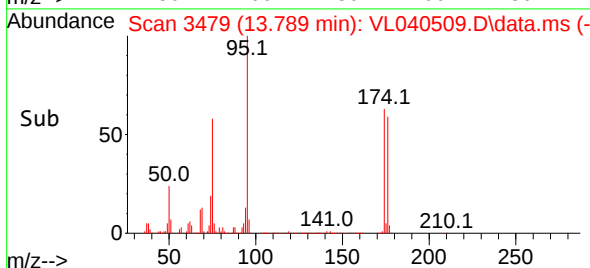
Reviewed By :Semsettin Yesilyurt 07/11/2023
 Supervised By :Mahesh Dadoda 07/11/2023

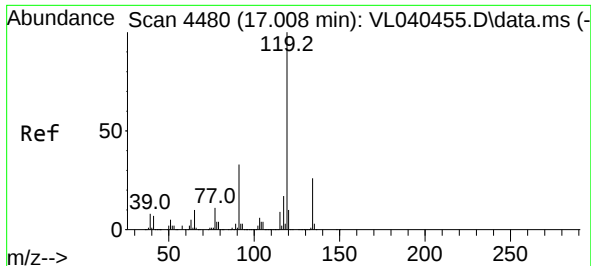


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.696 ppbv
 RT: 13.789 min Scan# 3479
 Delta R.T. 0.003 min
 Lab File: VL040509.D
 Acq: 10 Jul 2023 13:48



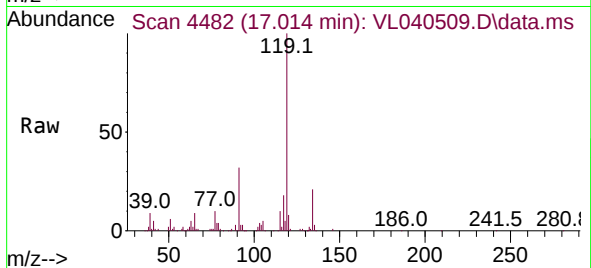
Tgt Ion: 95 Resp: 1970752
 Ion Ratio Lower Upper
 95 100
 174 61.1 47.7 71.5
 175 4.6 3.5 5.3





#69
p-Isopropyltoluene
Concen: 0.486 ppbv m
RT: 17.014 min Scan# 4480
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

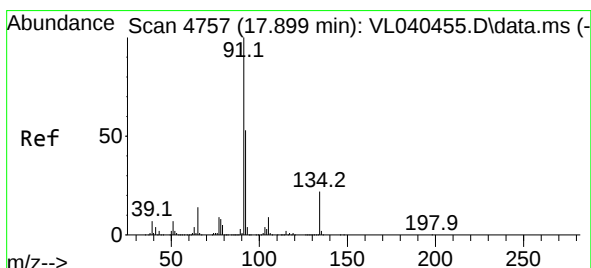
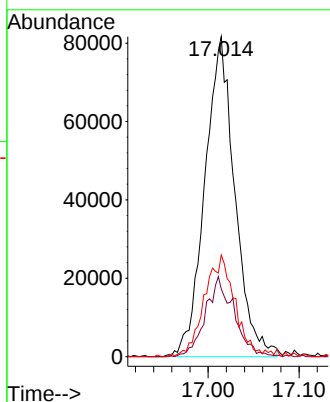
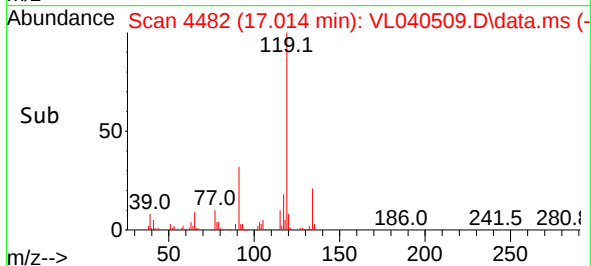
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:119 Resp: 18690
Ion Ratio Lower Upper
119 100
134 23.8 20.3 30.5
91 33.2 25.5 38.3

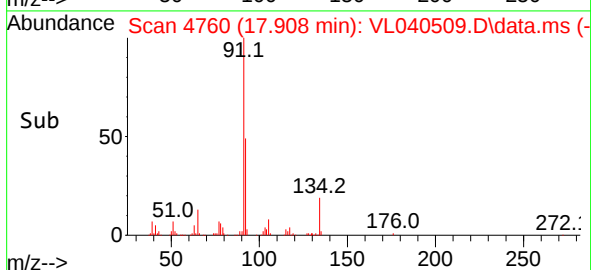
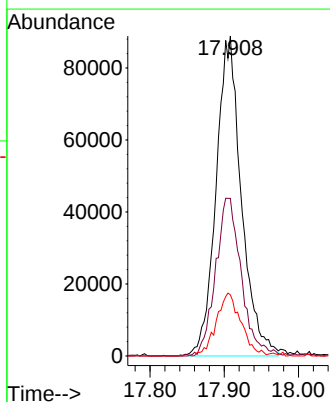
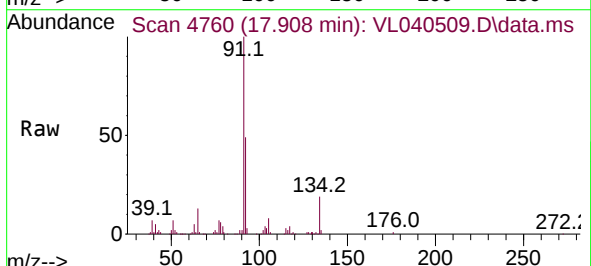
Manual Integrations
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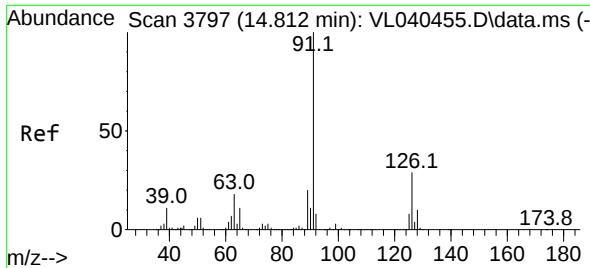
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023



#70
n-Butylbenzene
Concen: 0.491 ppbv
RT: 17.908 min Scan# 4760
Delta R.T. 0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

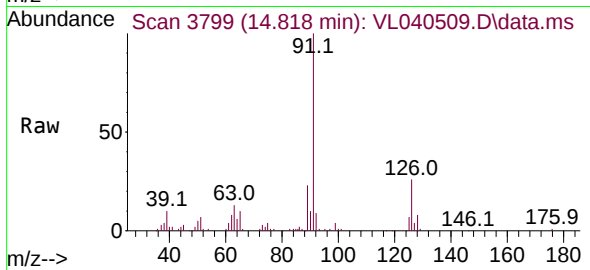
Tgt Ion: 91 Resp: 210572
Ion Ratio Lower Upper
91 100
92 50.3 42.7 64.1
134 19.7 16.9 25.3





#71
2-Chlorotoluene
Concen: 0.469 ppbv
RT: 14.818 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

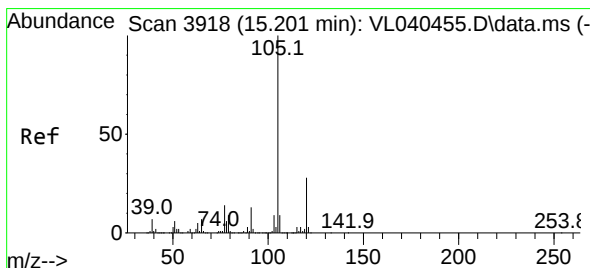
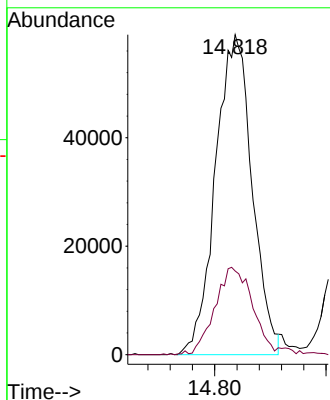
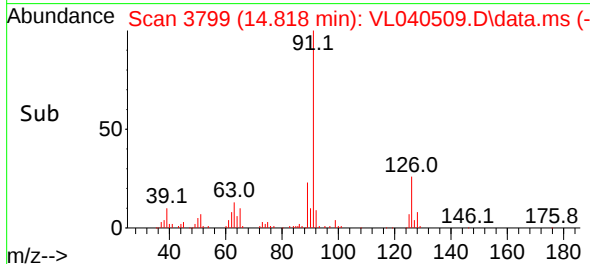
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



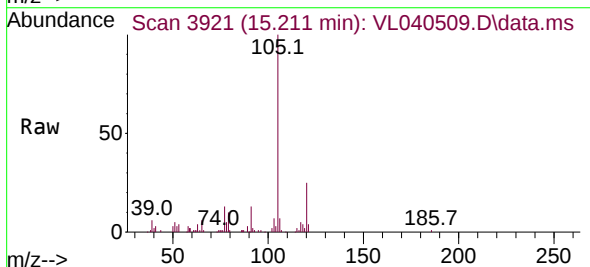
Tgt Ion: 91 Resp: 134660
Ion Ratio Lower Upper
91 100
126 29.1 12.0 48.2

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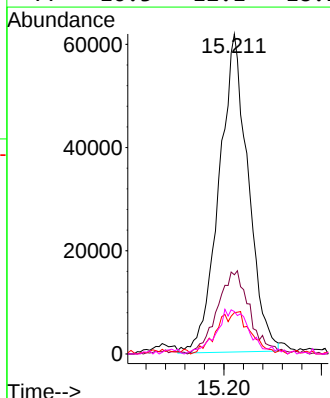
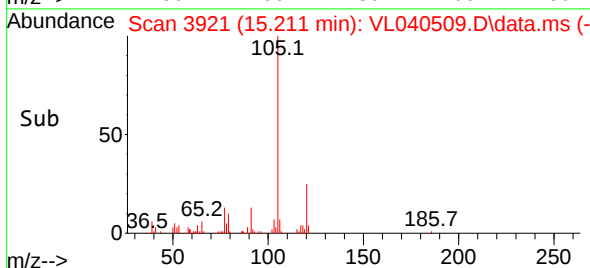
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

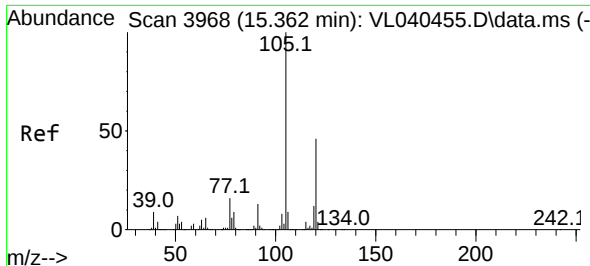


#72
4-Ethyltoluene
Concen: 0.437 ppbv
RT: 15.211 min Scan# 3921
Delta R.T. 0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48



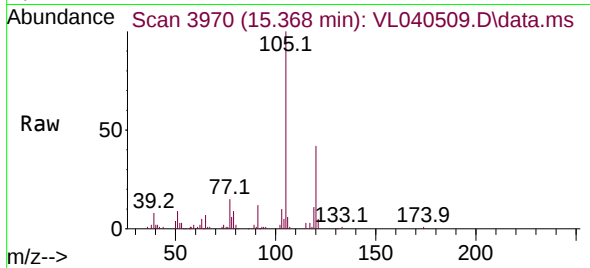
Tgt Ion:105 Resp: 127872
Ion Ratio Lower Upper
105 100
120 29.7 23.4 35.0
91 17.2 11.1 16.7#
77 16.3 12.1 18.1





#73
1,3,5-Trimethylbenzene
Concen: 0.438 ppbv
RT: 15.368 min Scan# 3968
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

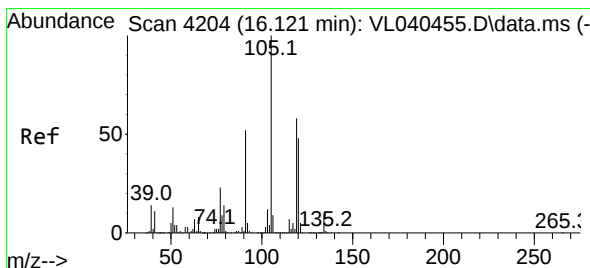
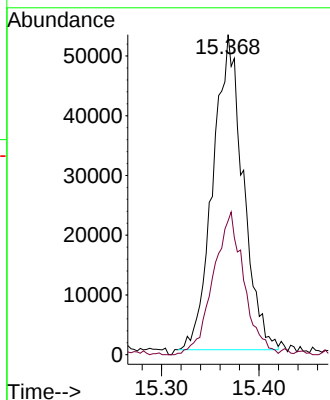
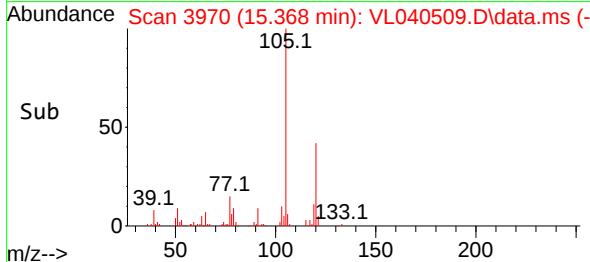
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



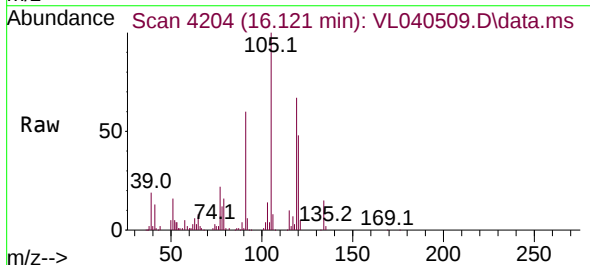
Tgt Ion:105 Resp: 113352
Ion Ratio Lower Upper
105 100
120 42.1 36.4 54.6

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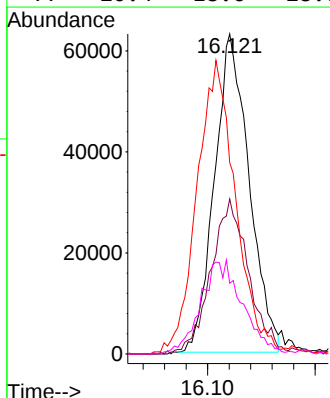
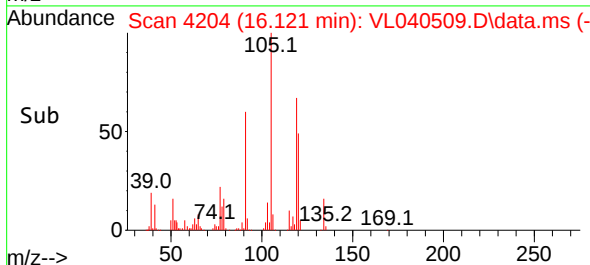
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

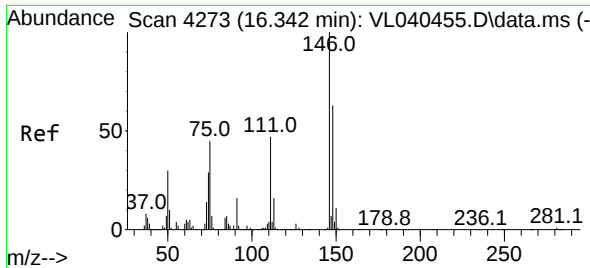


#74
1,2,4-Trimethylbenzene
Concen: 0.462 ppbv
RT: 16.121 min Scan# 4204
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48



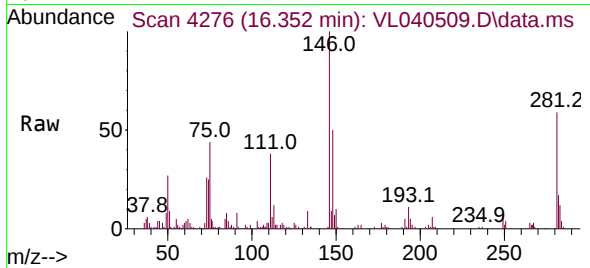
Tgt Ion:105 Resp: 140776
Ion Ratio Lower Upper
105 100
120 47.3 38.4 57.6
91 58.6 41.3 61.9
77 20.4 18.6 28.0





#75
1,3-Dichlorobenzene
Concen: 0.558 ppbv m
RT: 16.352 min Scan# 4276
Delta R.T. 0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

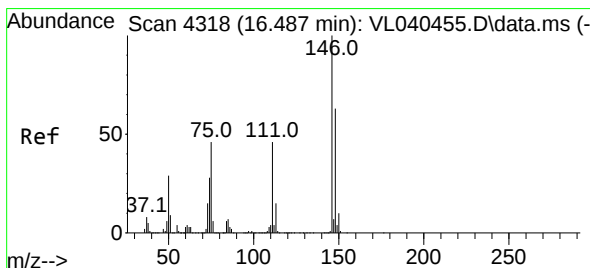
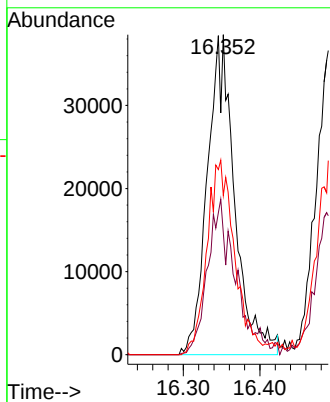
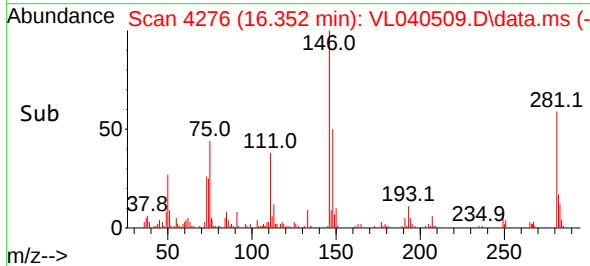
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



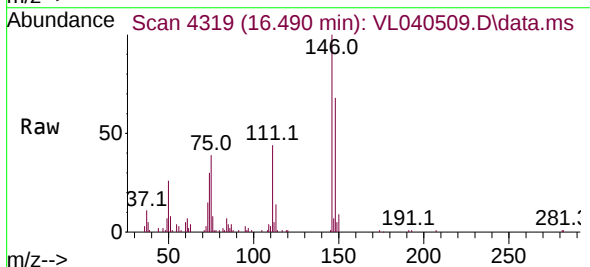
Tgt Ion:146 Resp: 9534
Ion Ratio Lower Upper
146 100
111 0.0 24.6 73.8
148 0.0 32.4 97.2

Manual Integrations
APPROVED

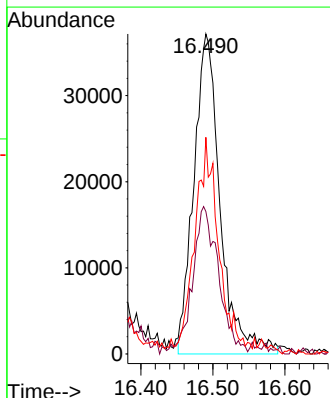
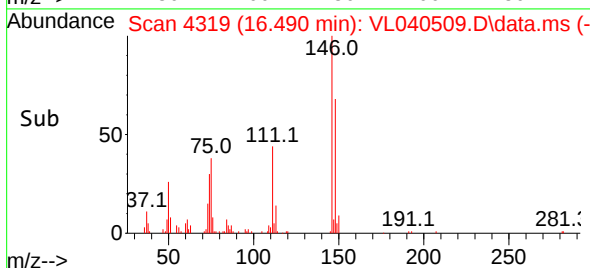
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

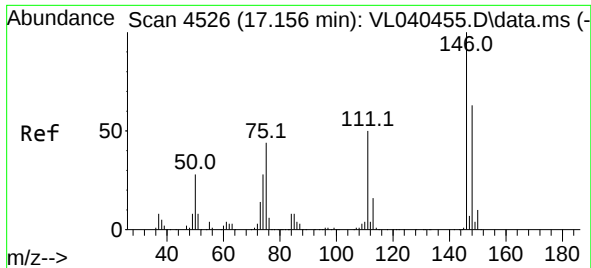


#76
1,4-Dichlorobenzene
Concen: 0.571 ppbv m
RT: 16.490 min Scan# 4319
Delta R.T. 0.003 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48



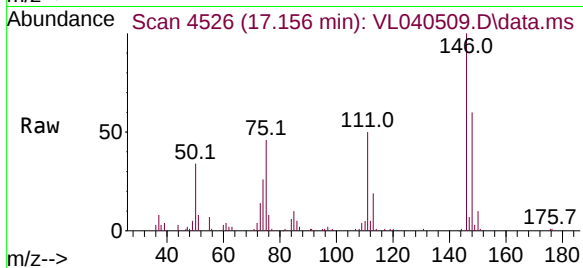
Tgt Ion:146 Resp: 94857
Ion Ratio Lower Upper
146 100
111 47.8 23.8 71.5
148 64.7 32.9 98.6





#77
1,2-Dichlorobenzene
Concen: 0.511 ppbv
RT: 17.156 min Scan# 4526
Delta R.T. -0.000 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

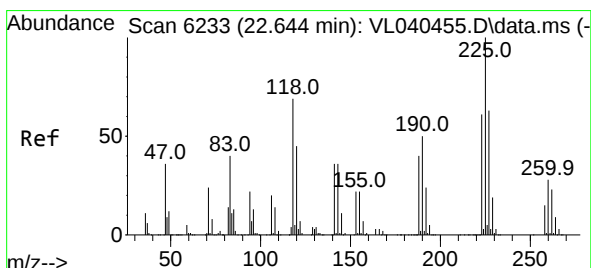
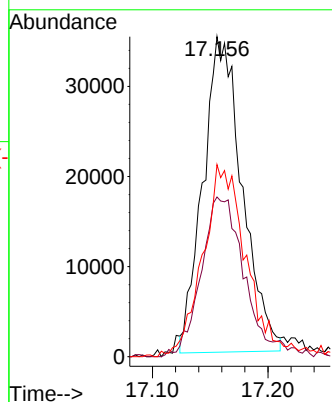
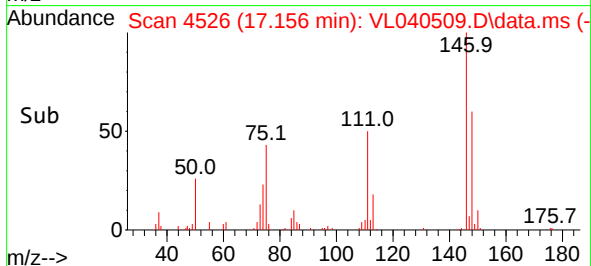
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



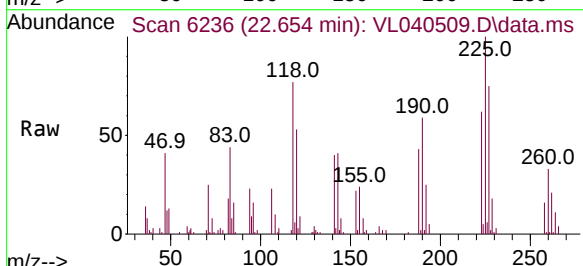
Tgt Ion:146 Resp: 82415
Ion Ratio Lower Upper
146 100
111 56.5 25.1 75.3
148 68.4 32.0 96.2

Manual Integrations
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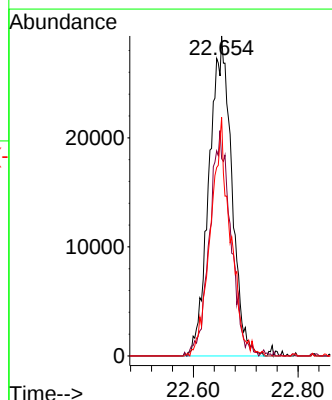
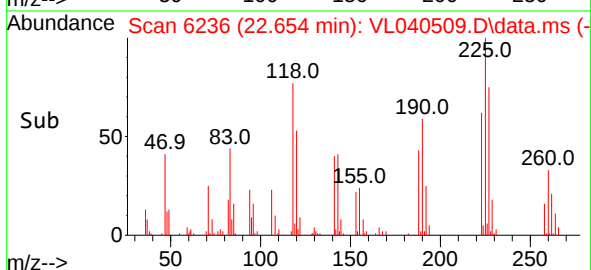
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

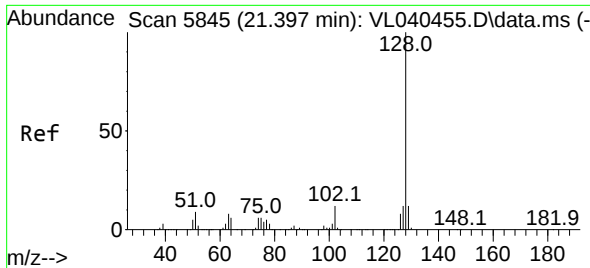


#78
Hexachloro-1,3-Butadiene
Concen: 0.709 ppbv m
RT: 22.654 min Scan# 6236
Delta R.T. 0.010 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48



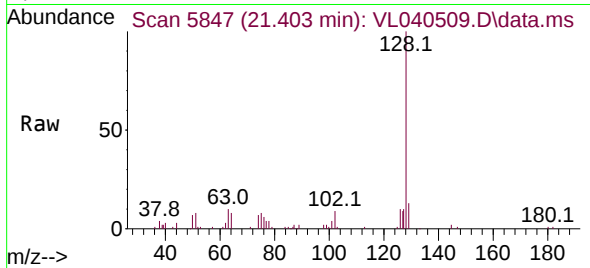
Tgt Ion:225 Resp: 88263
Ion Ratio Lower Upper
225 100
223 66.7 50.0 75.0
227 64.8 50.9 76.3





#79
Naphthalene
Concen: 0.609 ppbv m
RT: 21.403 min Scan# 5845
Delta R.T. 0.006 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48

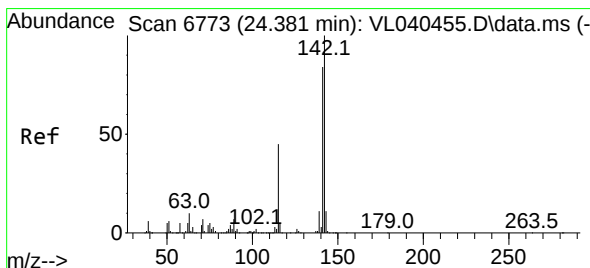
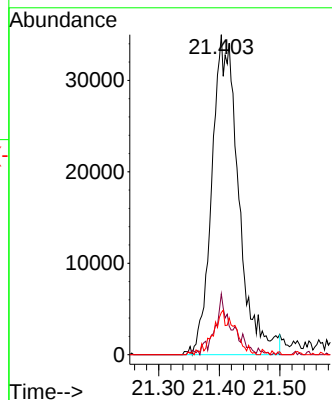
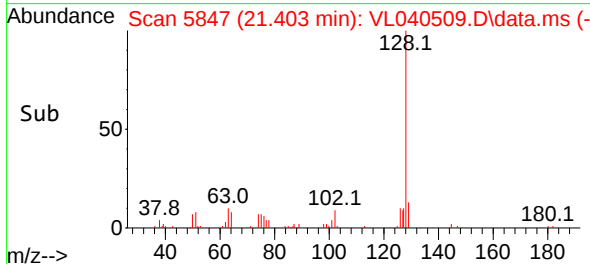
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



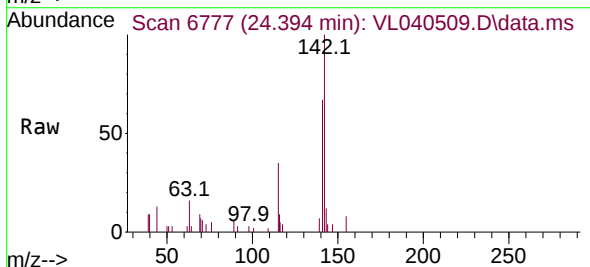
Tgt Ion:128 Resp: 106754
Ion Ratio Lower Upper
128 100
127 9.6 9.9 14.9
129 13.1 9.2 13.8

Manual Integrations
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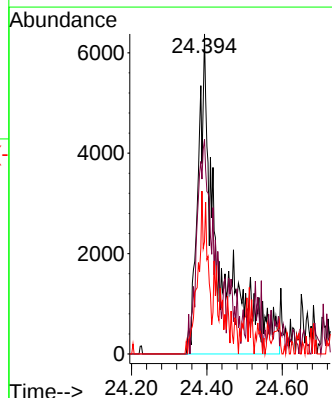
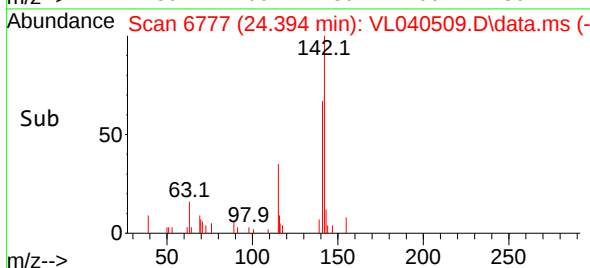
Reviewed By :Semsettin Yesilyurt 07/11/2023
Supervised By :Mahesh Dadoda 07/11/2023

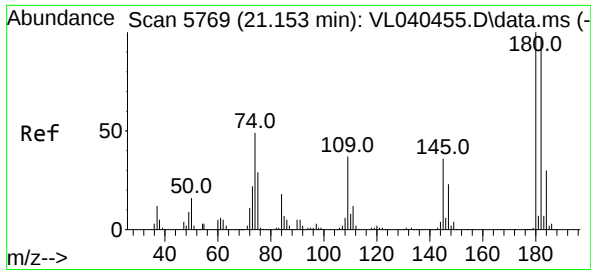


#80
Naphthalene,2-methyl-
Concen: 0.453 ppbv m
RT: 24.394 min Scan# 6777
Delta R.T. 0.013 min
Lab File: VL040509.D
Acq: 10 Jul 2023 13:48



Tgt Ion:142 Resp: 23855
Ion Ratio Lower Upper
142 100
141 51.0 65.4 98.0#
115 36.5 36.6 55.0#





#81

1,2,4-Trichlorobenzene

Concen: 0.705 ppbv m

RT: 21.159 min Scan# 51

Delta R.T. 0.006 min

Lab File: VL040509.D

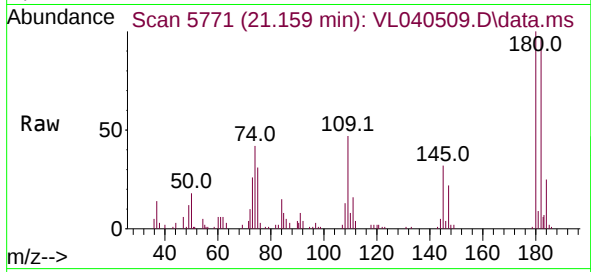
Acq: 10 Jul 2023 13:48

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5



Tgt Ion:180 Resp: 7660

Ion Ratio Lower Upper

180 100

182 0.0 77.2 115.8

184 0.0 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/11/2023

Supervised By :Mahesh Dadoda 07/11/2023

