

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
 Data File : VL040282.D
 Acq On : 15 Mar 2023 13:30
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

Quant Time: Mar 15 14:03:45 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Tue Mar 14 04:52:39 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.192	49	1079735	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2894578	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2579491	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.790 95 2175181 10.255 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.726	85	128943	0.641	ppbv	99
3) Chlorodifluoromethane	2.671	51	73436	0.569	ppbv	99
4) Chloromethane	2.813	50	42610	0.526	ppbv	90
5) Vinyl Chloride	2.915	62	33494	0.514	ppbv	95
6) Bromomethane	3.118	94	11604	0.494	ppbv	92
7) Chloroethane	3.195	64	13099	0.507	ppbv	100
8) Dichlorotetrafluoroethane	2.854	85	99175	0.572	ppbv	99
9) Propene	2.690	41	27630	0.526	ppbv	97
10) Heptane	7.590	43	57961m	0.463	ppbv	
11) Trichlorofluoromethane	3.558	101	101122	0.560	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.066	101	75483	0.567	ppbv	96
13) Ethanol	3.253	45	2313m	0.478	ppbv	
14) Bromoethene	3.366	108	27008	0.529	ppbv #	89
15) Acetone	3.481	43	69886	0.538	ppbv	93
16) 1,3-Butadiene	2.983	39	28867	0.486	ppbv	90
17) tert-Butyl alcohol	3.899	59	66884	0.564	ppbv	98
18) 1,1-Dichloroethene	3.877	96	29484	0.509	ppbv	88
19) Isopropyl Alcohol	3.591	45	33668	0.545	ppbv #	92
20) Methylene Chloride	3.935	84	32233	0.476	ppbv	93
21) Allyl Chloride	3.999	41	40276	0.505	ppbv	90
22) trans-1,2-Dichloroethene	4.446	96	30687	0.512	ppbv	88
23) Vinyl Acetate	4.636	43	18220m	0.462	ppbv	
24) 1,1-Dichloroethane	4.568	63	67995	0.551	ppbv	98
25) Ethyl Acetate	5.218	43	126631	0.524	ppbv	98
26) Hexane	5.214	57	52480	0.506	ppbv	92
27) Carbon Disulfide	4.124	76	61853	0.470	ppbv #	82
28) Methyl tert-Butyl Ether	4.597	73	59879	0.539	ppbv	97
29) Chloroform	5.275	83	95098	0.534	ppbv	98
30) Cyclohexane	6.603	84	37022m	0.454	ppbv	
31) cis-1,2-Dichloroethene	5.079	61	48501	0.492	ppbv	94
32) 1,1,1-Trichloroethane	6.005	97	90005	0.538	ppbv	99
34) 2-Butanone	4.803	43	68630	0.481	ppbv	95
35) Carbon Tetrachloride	6.494	117	88627	0.518	ppbv	95
36) Benzene	6.378	78	106980m	0.475	ppbv	
37) 1,2-Dichloroethane	5.812	62	72953	0.518	ppbv	99
38) Trichloroethene	7.295	130	58557	0.472	ppbv	91
39) 1,2-Dichloropropane	7.076	63	44128m	0.504	ppbv	
40) 1,4-Dioxane	7.324	88	17769m	0.507	ppbv	
41) Tetrahydrofuran	5.591	42	37119m	0.449	ppbv	
42) Bromodichloromethane	7.253	83	92486	0.476	ppbv	95
43) Methyl Methacrylate	7.484	69	34097m	0.409	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	174712	0.465	ppbv	94
45) t-1,3-Dichloropropene	8.719	75	26175	0.354	ppbv	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031523\
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/16/2023
 Supervised By : Mahesh Dadoda 03/16/2023

Quant Time: Mar 15 14:03:45 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031523AIR.M

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

QLast Update : Tue Mar 14 04:52:39 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.147	75	38810	0.377	ppbv #	82
47) 1,1,2-Trichloroethane	8.909	97	44275	0.467	ppbv	96
48) Dibromochloromethane	9.719	129	65972m	0.435	ppbv	
49) Bromoform	12.417	173	46705m	0.395	ppbv	
50) 4-Methyl-2-Pentanone	8.208	43	97244	0.439	ppbv	97
51) 2-Hexanone	9.587	43	70327m	0.412	ppbv	
52) Tetrachloroethene	10.626	164	32842m	0.467	ppbv	
53) Toluene	9.230	91	93705	0.388	ppbv	99
54) 1,2-Dibromoethane	10.015	107	43796m	0.444	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.520	131	53510	0.494	ppbv #	1
57) Chlorobenzene	11.532	112	90964	0.483	ppbv	96
58) Ethyl Benzene	12.098	91	119476	0.381	ppbv	90
59) m/p-Xylene	12.384	91	243891m	0.879	ppbv	
60) o-Xylene	13.066	91	114793m	0.430	ppbv	
61) Styrene	12.909	104	48398m	0.345	ppbv	
62) Isopropylbenzene	14.040	105	169868	0.443	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.066	83	48749m	0.506	ppbv	
64) n-propylbenzene	14.928	120	41449m	0.437	ppbv	
65) tert-Butylbenzene	16.105	119	142957	0.429	ppbv	93
66) Benzyl Chloride	16.352	91	9595m	0.433	ppbv	
67) sec-Butylbenzene	16.651	105	205511	0.430	ppbv	99
69) p-Isopropyltoluene	17.011	119	149805	0.395	ppbv	97
70) n-Butylbenzene	17.905	91	170885	0.416	ppbv	96
71) 2-Chlorotoluene	14.815	91	123740	0.422	ppbv	98
72) 4-Ethyltoluene	15.208	105	118145	0.400	ppbv	98
73) 1,3,5-Trimethylbenzene	15.365	105	115264m	0.420	ppbv	
74) 1,2,4-Trimethylbenzene	16.117	105	136747m	0.453	ppbv	
75) 1,3-Dichlorobenzene	16.349	146	76921m	0.466	ppbv	
76) 1,4-Dichlorobenzene	16.487	146	71142m	0.440	ppbv	
77) 1,2-Dichlorobenzene	17.162	146	76199m	0.464	ppbv	
78) Hexachloro-1,3-Butadiene	22.654	225	55852m	0.496	ppbv	
79) Naphthalene	21.419	128	66142m	0.390	ppbv	
80) Naphthalene,2-methyl-	24.400	142	13238m	0.275	ppbv	
81) 1,2,4-Trichlorobenzene	21.165	180	42147m	0.397	ppbv	

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

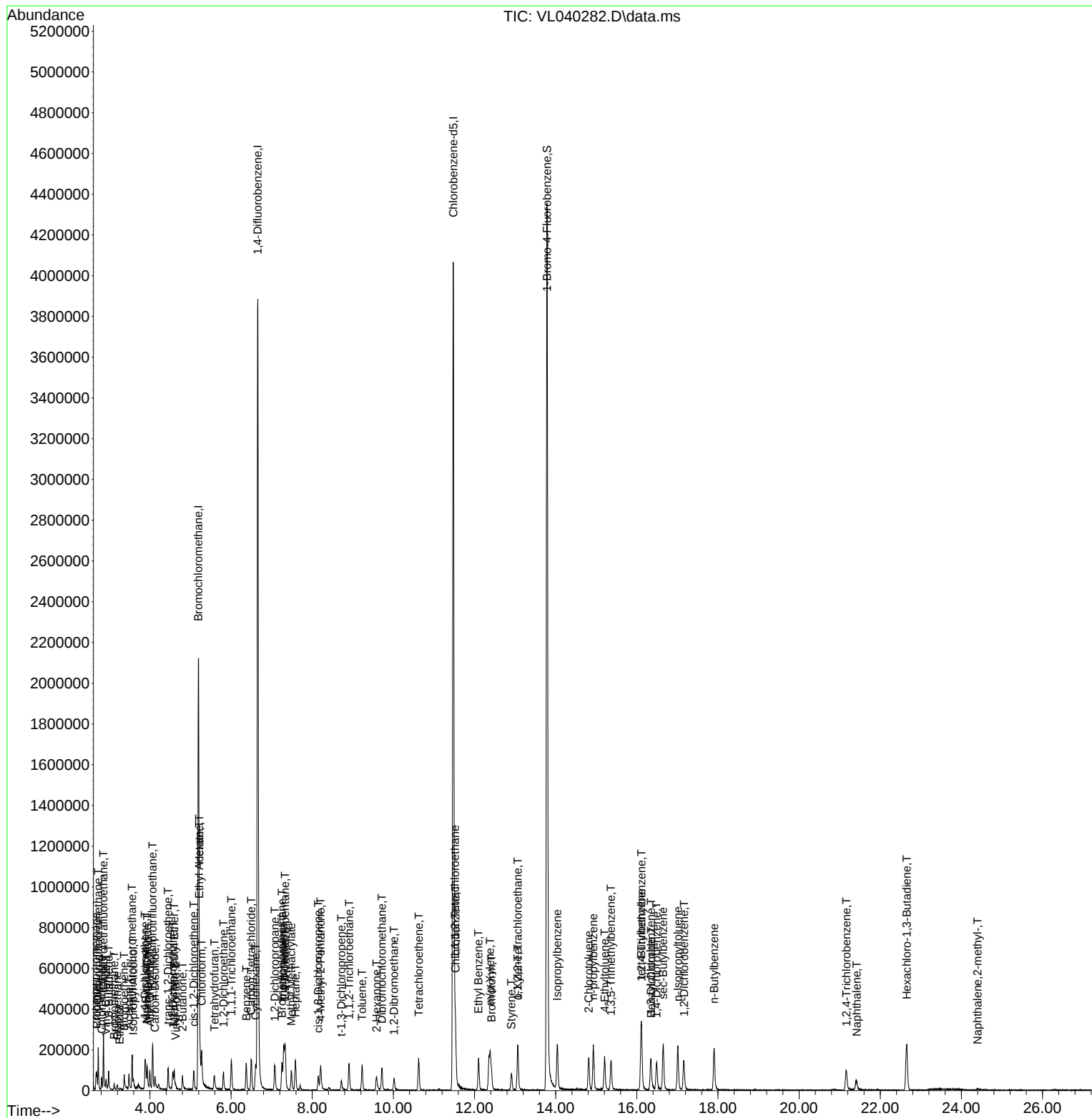
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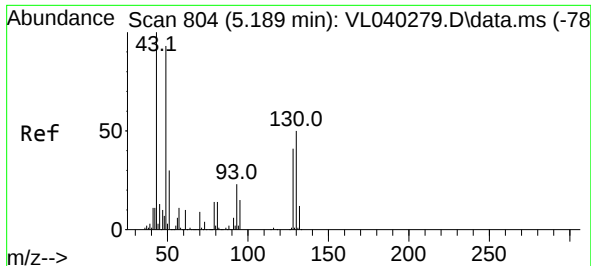
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

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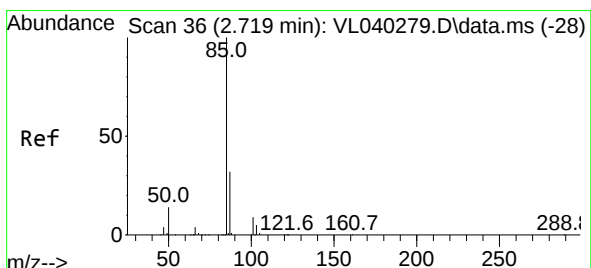
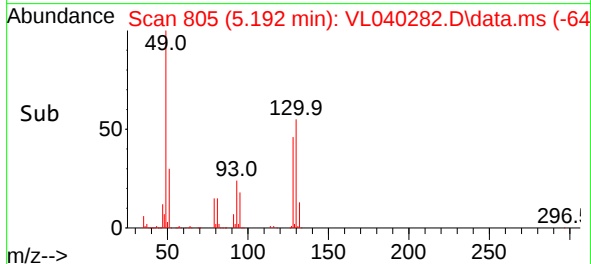
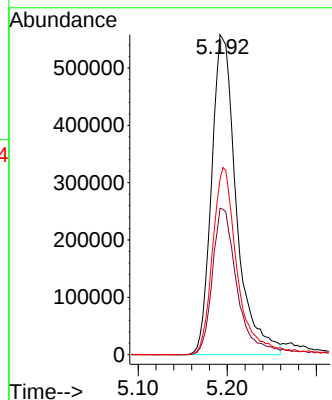
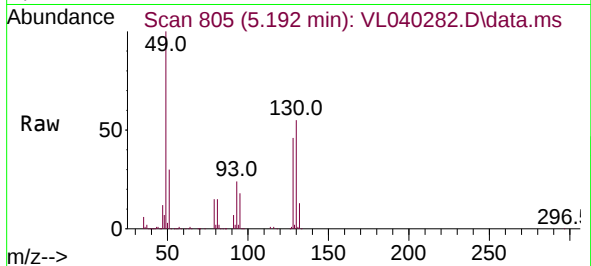
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 1079735
Ion Ratio Lower Upper
49 100
128 47.0 24.1 72.3
130 60.5 30.9 92.8

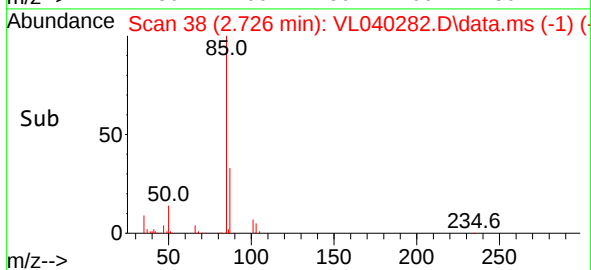
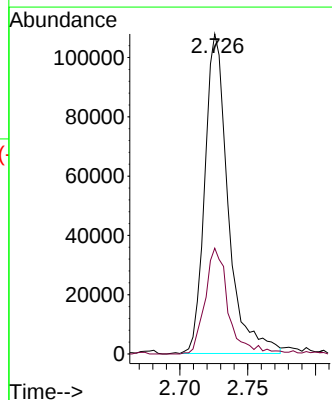
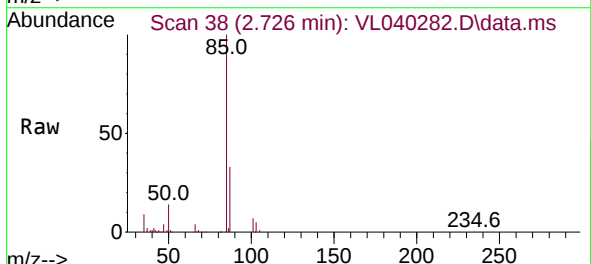
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#2
Dichlorodifluoromethane
Concen: 0.641 ppbv
RT: 2.726 min Scan# 38
Delta R.T. 0.013 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

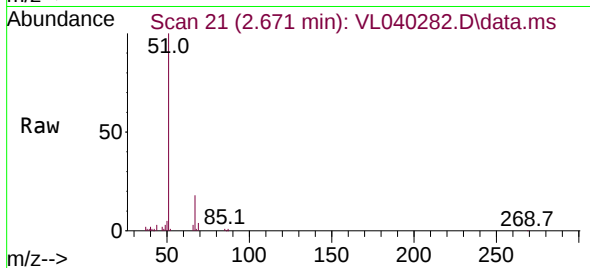
Tgt Ion: 85 Resp: 128943
Ion Ratio Lower Upper
85 100
87 33.1 27.0 40.6





#3
Chlorodifluoromethane
Concen: 0.569 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

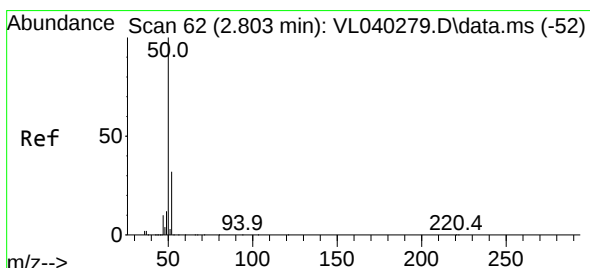
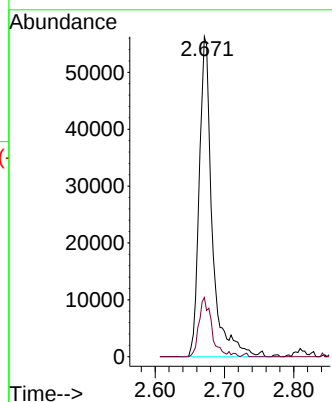
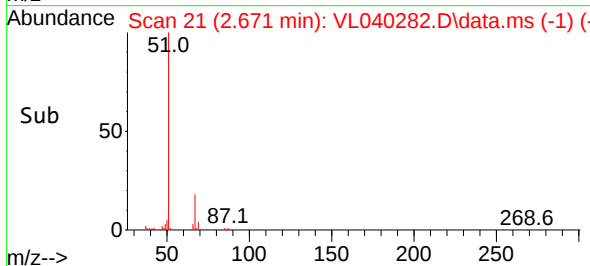
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 51 Resp: 73430
Ion Ratio Lower Upper
51 100
67 18.8 15.4 23.2

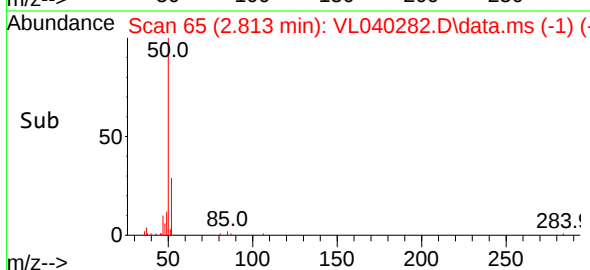
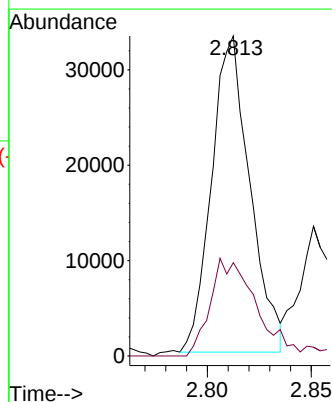
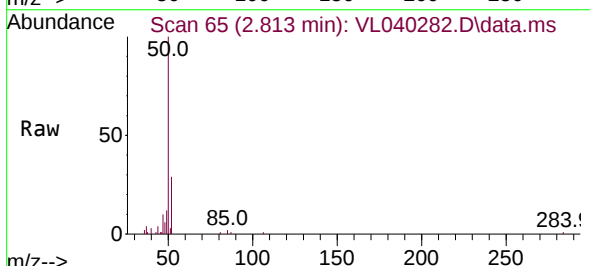
Manual Integrations
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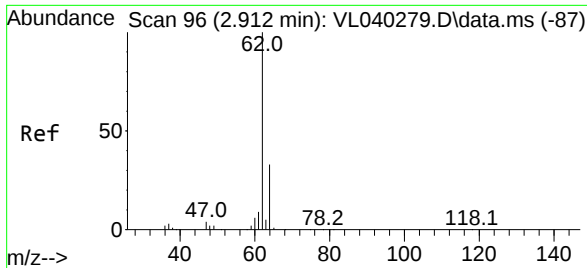
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#4
Chloromethane
Concen: 0.526 ppbv
RT: 2.813 min Scan# 65
Delta R.T. 0.013 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

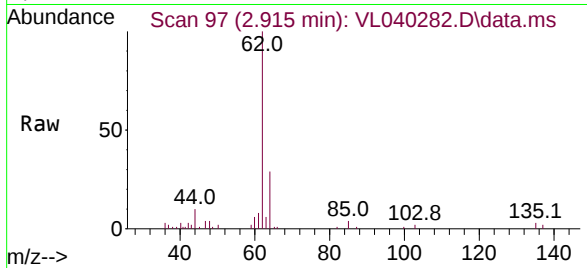
Tgt Ion: 50 Resp: 42610
Ion Ratio Lower Upper
50 100
52 29.5 28.3 42.5





#5
 Vinyl Chloride
 Concen: 0.514 ppbv
 RT: 2.915 min Scan# 91
 Delta R.T. 0.010 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

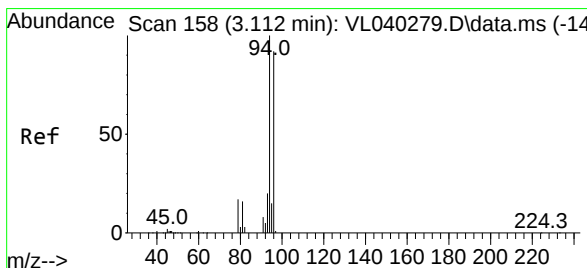
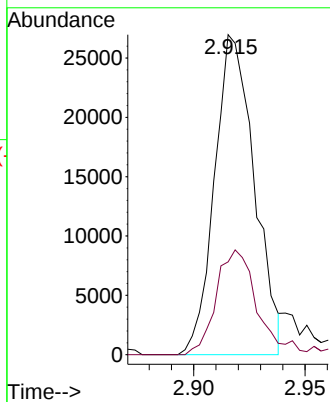
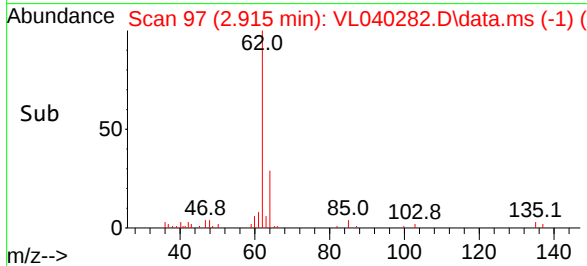
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 62 Resp: 33494
 Ion Ratio Lower Upper
 62 100
 64 29.0 25.6 38.4

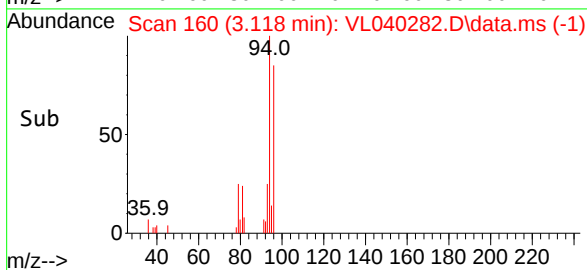
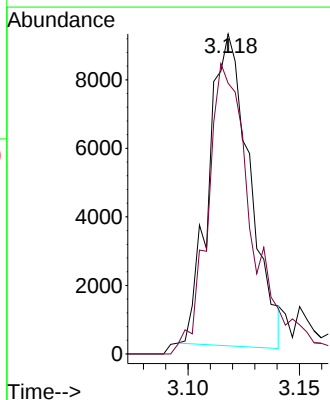
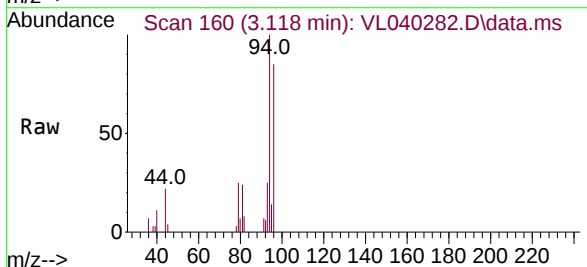
Manual Integrations
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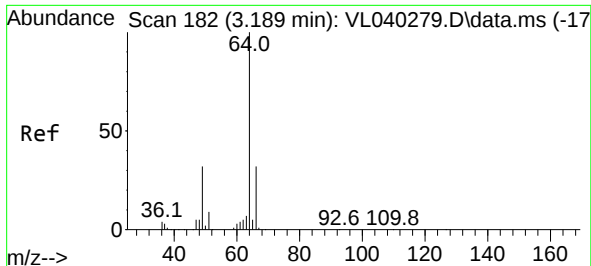
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#6
 Bromomethane
 Concen: 0.494 ppbv
 RT: 3.118 min Scan# 160
 Delta R.T. 0.013 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

Tgt Ion: 94 Resp: 11604
 Ion Ratio Lower Upper
 94 100
 96 84.5 73.4 110.2





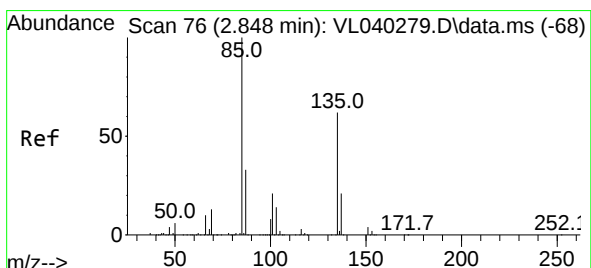
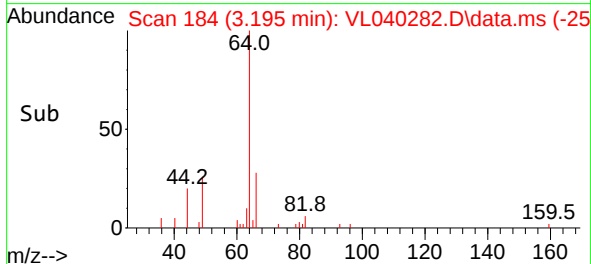
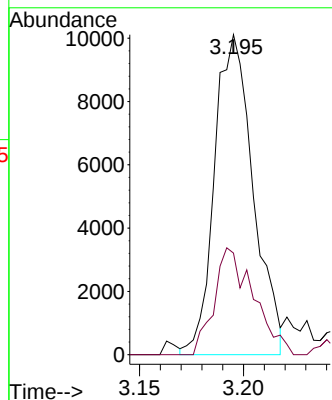
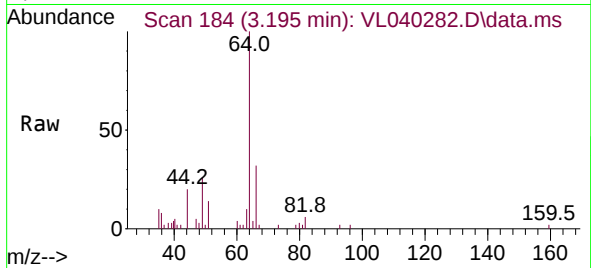
#7
Chloroethane
Concen: 0.507 ppbv
RT: 3.195 min Scan# 182
Delta R.T. 0.010 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 13099
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2

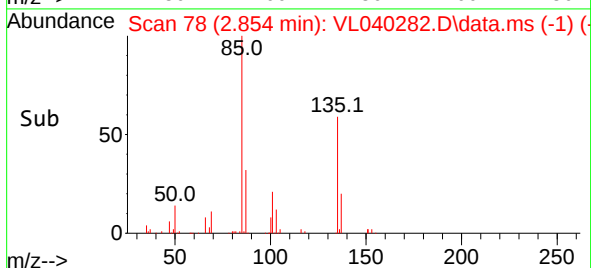
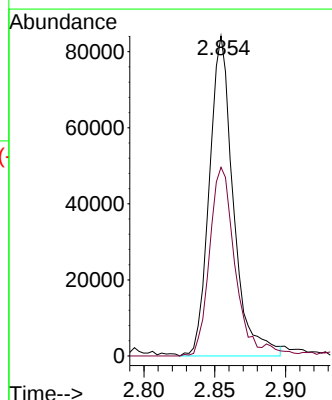
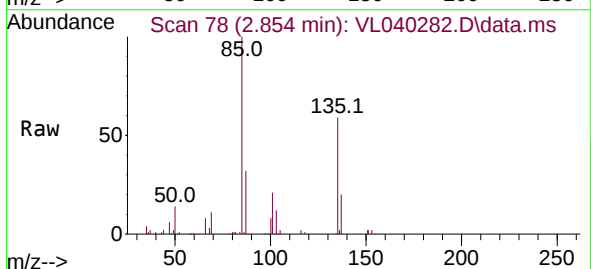
Manual Integrations
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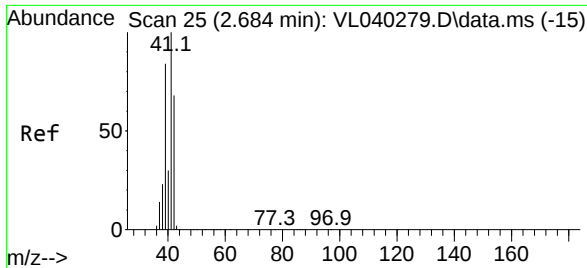
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#8
Dichlorotetrafluoroethane
Concen: 0.572 ppbv
RT: 2.854 min Scan# 78
Delta R.T. 0.013 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

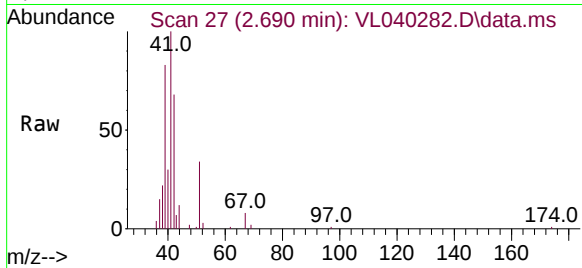
Tgt Ion: 85 Resp: 99175
Ion Ratio Lower Upper
85 100
135 64.9 51.5 77.3





#9
 Propene
 Concen: 0.526 ppbv
 RT: 2.690 min Scan# 21
 Delta R.T. 0.013 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

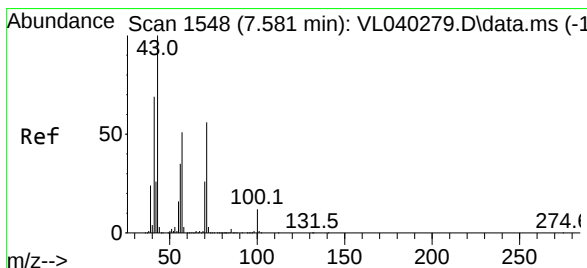
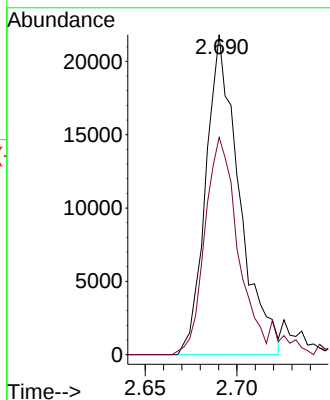
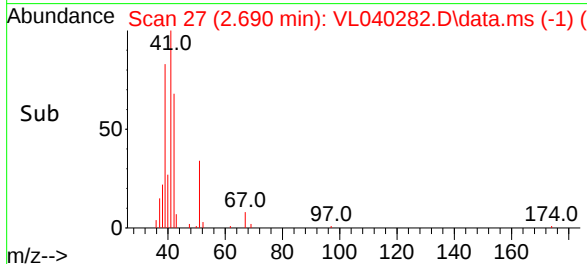
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5



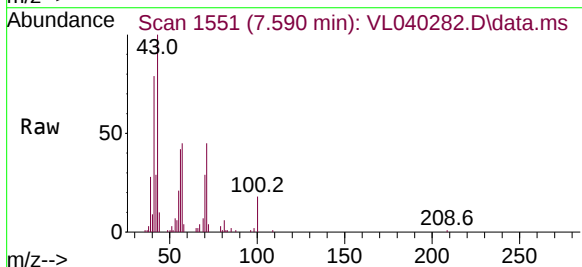
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 Ion Ratio Lower Upper
 41 100
 42 73.5 56.9 85.3

Manual Integrations
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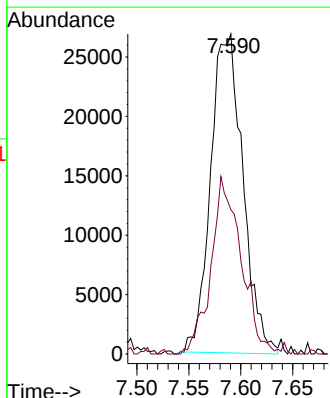
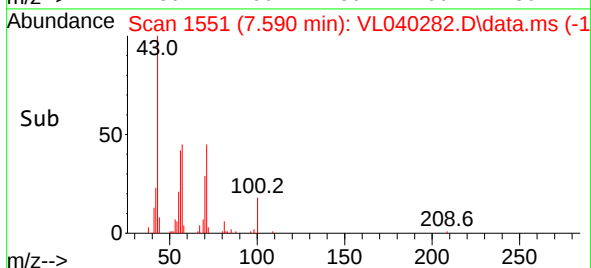
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#10
 Heptane
 Concen: 0.463 ppbv m
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.010 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30



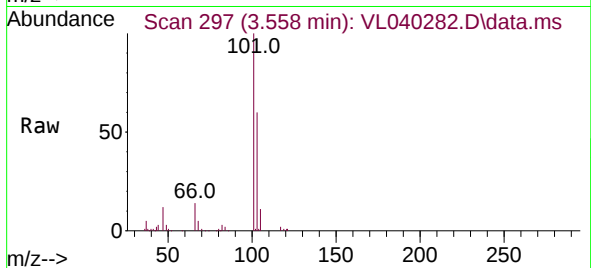
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 Ion Ratio Lower Upper
 43 100
 57 52.6 41.4 62.2





#11
Trichlorofluoromethane
Concen: 0.560 ppbv
RT: 3.558 min Scan# 296
Delta R.T. 0.006 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

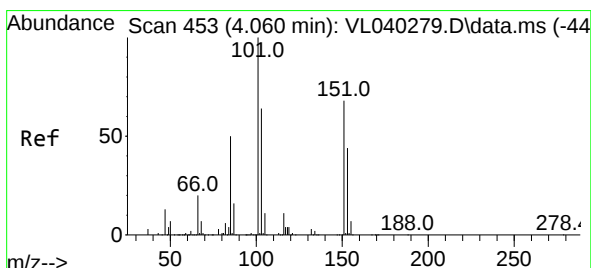
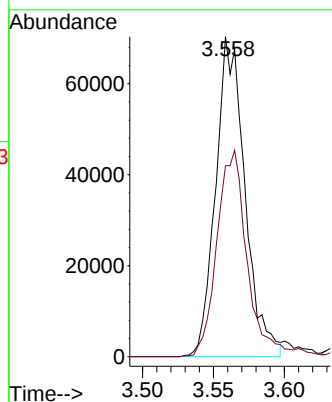
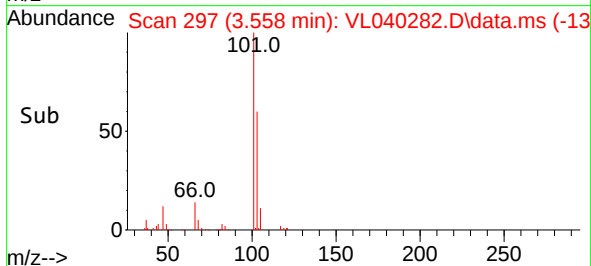
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



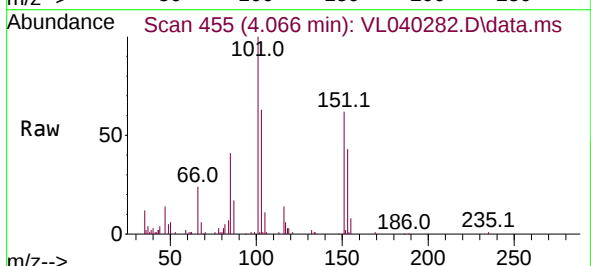
Tgt Ion:101 Resp: 10112
Ion Ratio Lower Upper
101 100
103 59.7 51.0 76.6

Manual Integrations
APPROVED

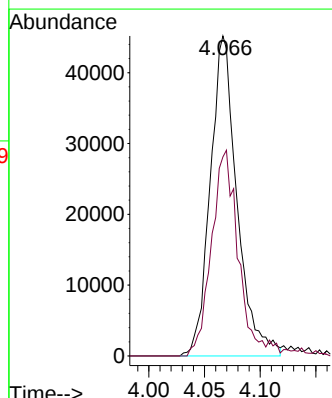
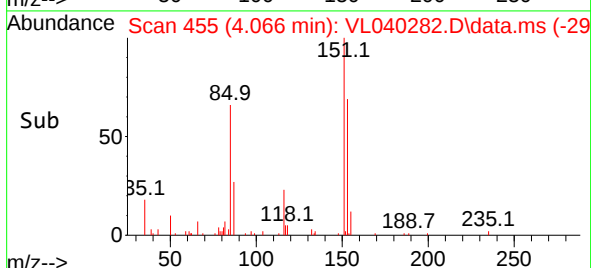
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

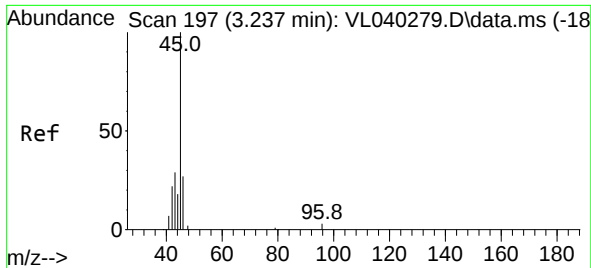


#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.567 ppbv
RT: 4.066 min Scan# 455
Delta R.T. 0.010 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30



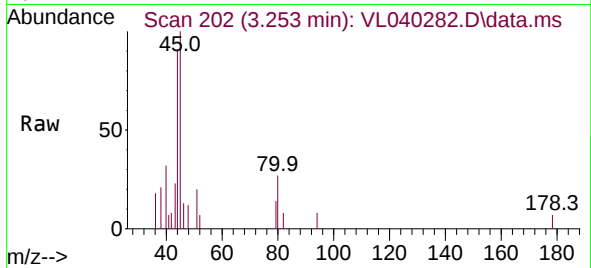
Tgt Ion:101 Resp: 75483
Ion Ratio Lower Upper
101 100
151 65.3 54.7 82.1





#13
Ethanol
Concen: 0.478 ppbv m
RT: 3.253 min Scan# 202
Delta R.T. 0.023 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

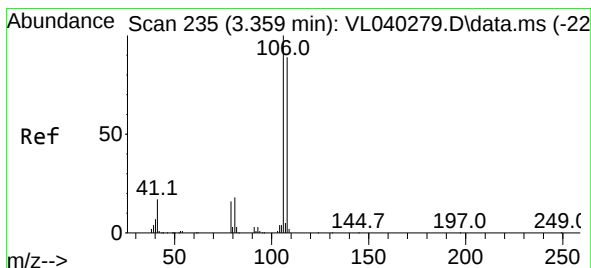
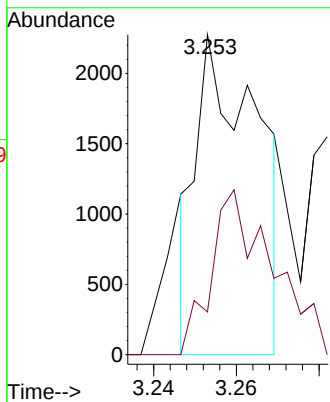
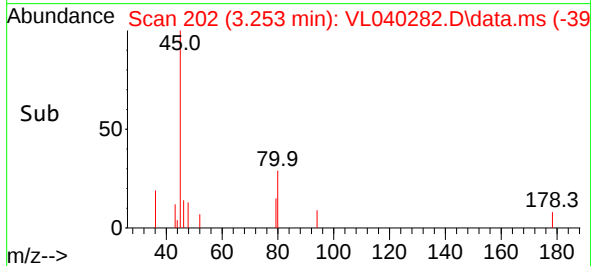
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



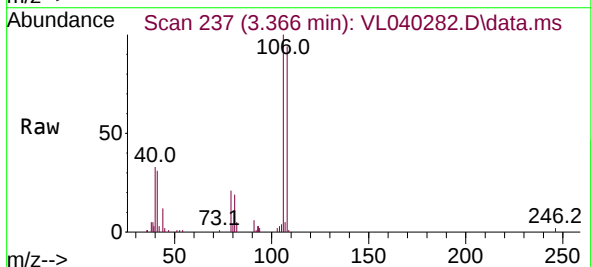
Tgt Ion: 45 Resp: 231
Ion Ratio Lower Upper
45 100
46 0.0 13.3 53.1

Manual Integrations
APPROVED

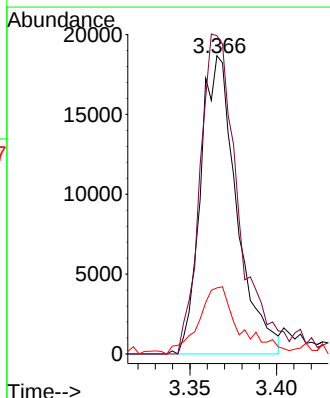
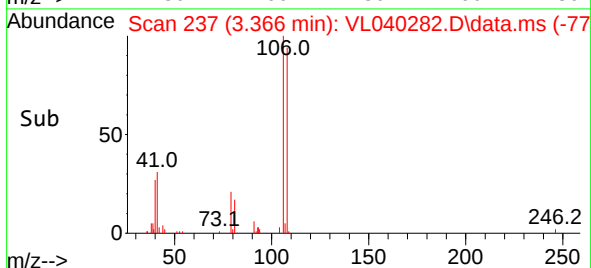
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

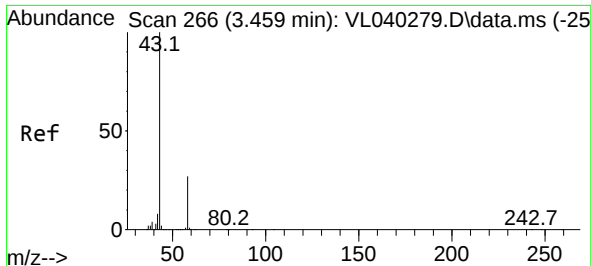


#14
Bromoethene
Concen: 0.529 ppbv
RT: 3.366 min Scan# 237
Delta R.T. 0.013 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30



Tgt Ion:108 Resp: 27008
Ion Ratio Lower Upper
108 100
106 118.6 87.1 130.7
79 27.3 15.4 23.2





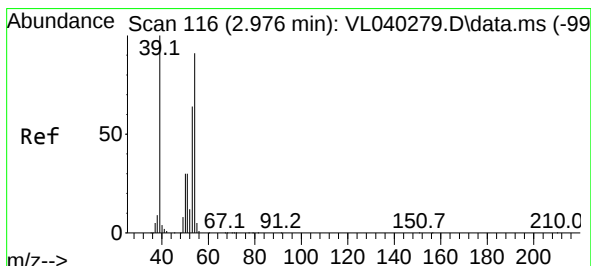
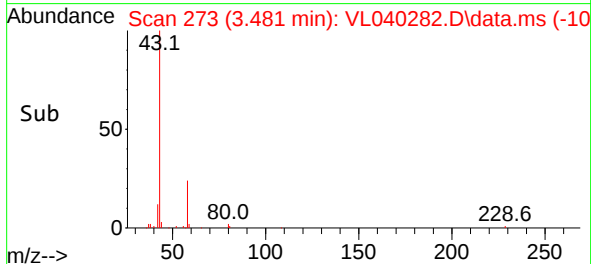
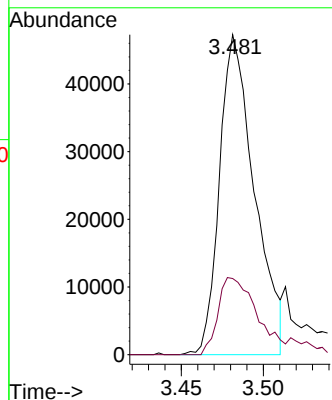
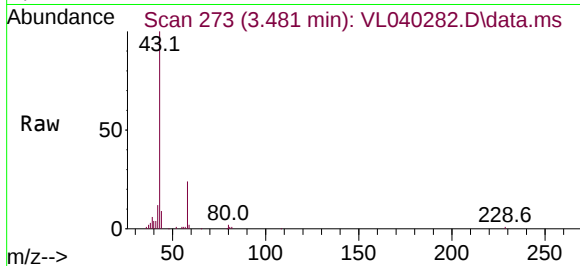
#15
Acetone
Concen: 0.538 ppbv
RT: 3.481 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 43 Resp: 69880
Ion Ratio Lower Upper
43 100
58 31.9 22.4 33.6

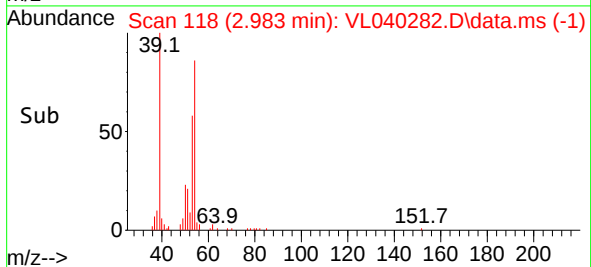
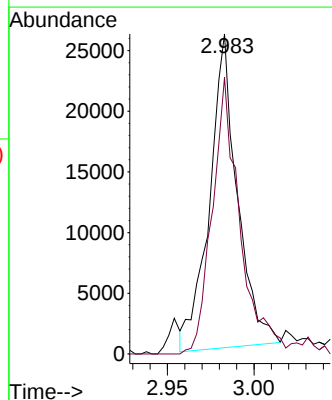
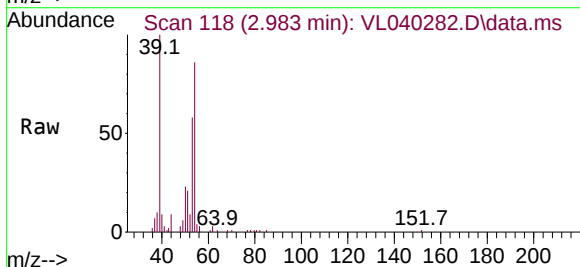
Manual Integrations
APPROVED

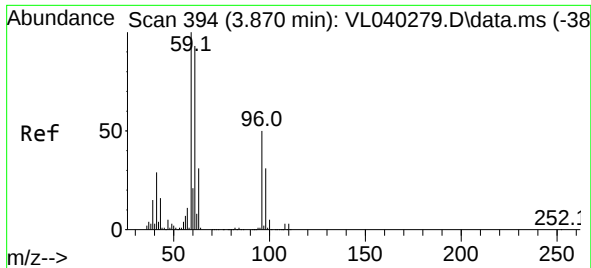
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#16
1,3-Butadiene
Concen: 0.486 ppbv
RT: 2.983 min Scan# 118
Delta R.T. 0.013 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

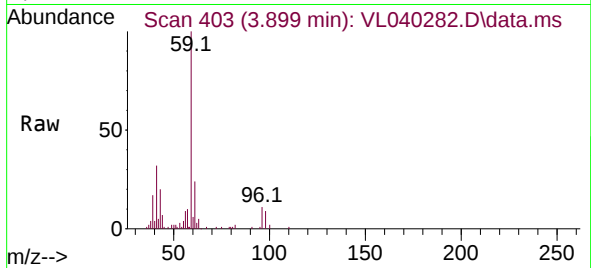
Tgt Ion: 39 Resp: 28867
Ion Ratio Lower Upper
39 100
54 92.6 66.7 100.1





#17
tert-Butyl alcohol
Concen: 0.564 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.032 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

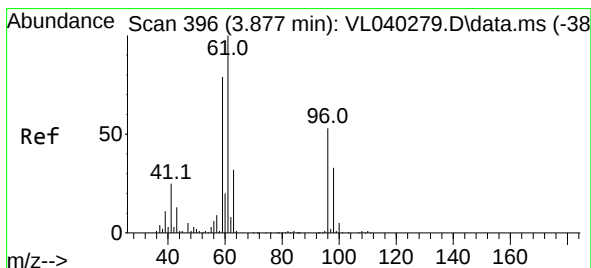
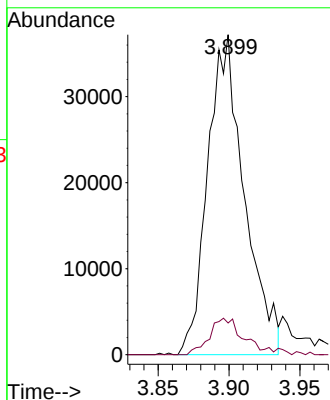
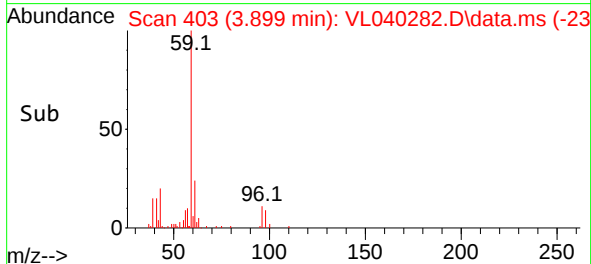
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



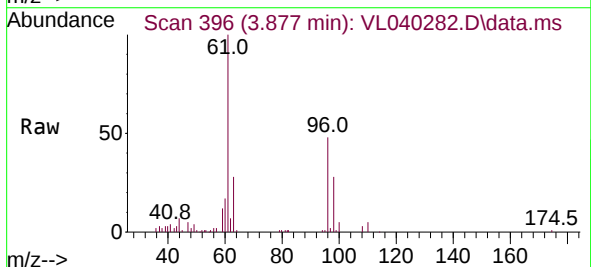
Tgt Ion: 59 Resp: 66884
Ion Ratio Lower Upper
59 100
57 11.4 8.5 12.7

Manual Integrations
APPROVED

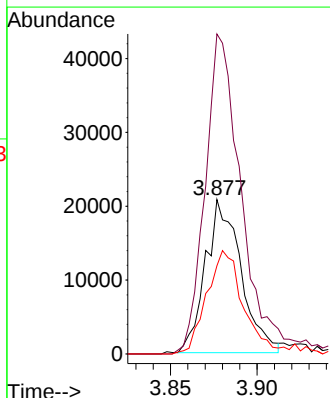
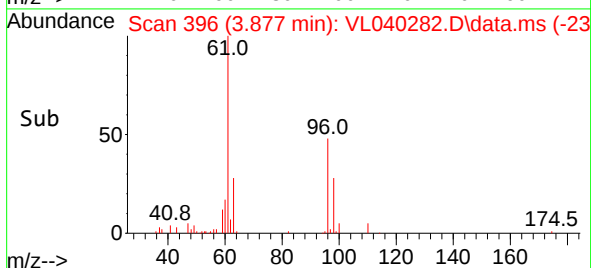
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

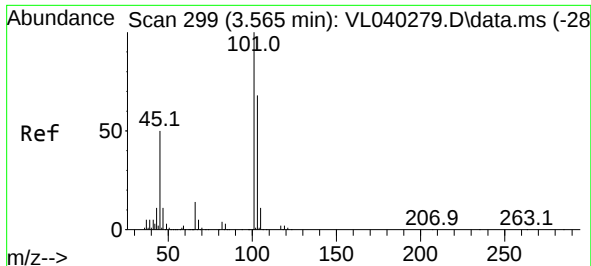


#18
1,1-Dichloroethene
Concen: 0.509 ppbv
RT: 3.877 min Scan# 396
Delta R.T. 0.006 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30



Tgt Ion: 96 Resp: 29484
Ion Ratio Lower Upper
96 100
61 206.6 149.6 224.4
98 56.4 51.1 76.7





#19

Isopropyl Alcohol

Concen: 0.545 ppbv

RT: 3.591 min Scan# 307

Delta R.T. 0.029 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

Instrument :

MSVOA_L

ClientSampleId :

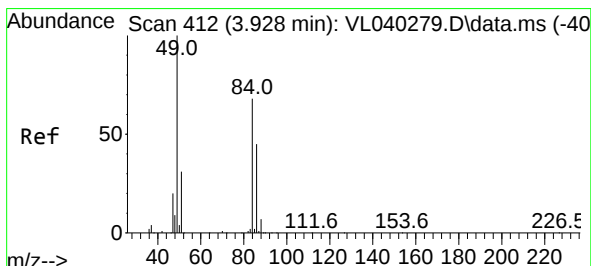
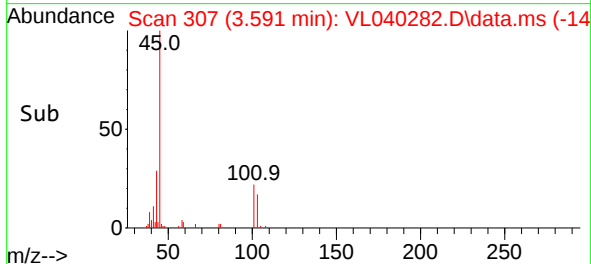
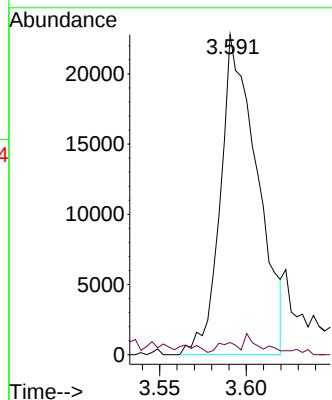
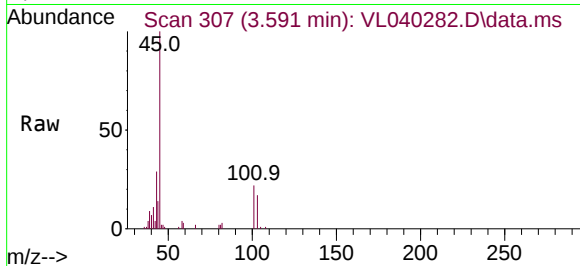
VSTDICC0.5

Tgt Ion: 45 Resp: 3366
 Ion Ratio Lower Upper
 45 100
 58 5.8 2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#20

Methylene Chloride

Concen: 0.476 ppbv

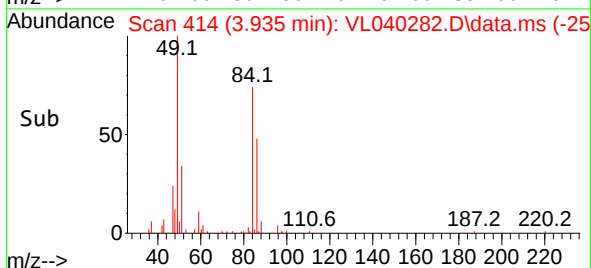
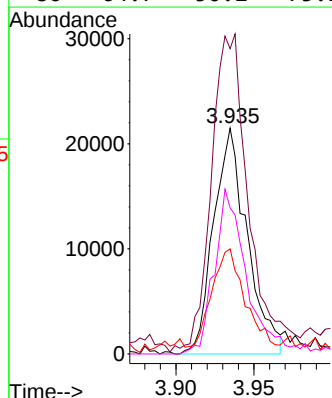
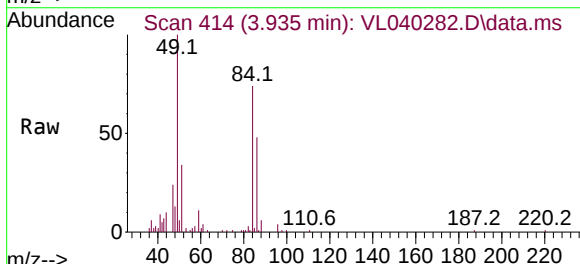
RT: 3.935 min Scan# 414

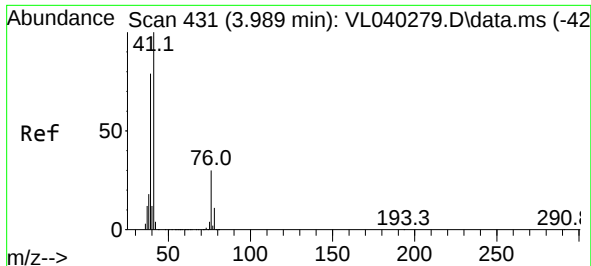
Delta R.T. 0.013 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

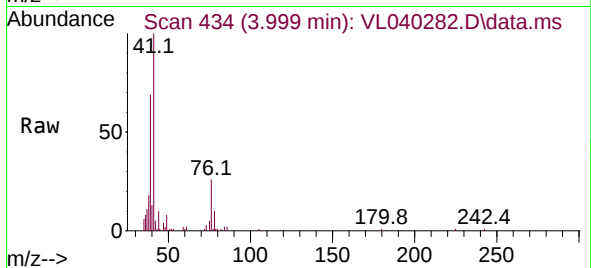
Tgt Ion: 84 Resp: 32233
 Ion Ratio Lower Upper
 84 100
 49 132.6 115.5 173.3
 51 42.7 33.1 49.7
 86 64.7 50.2 75.2





#21
 Allyl Chloride
 Concen: 0.505 ppbv
 RT: 3.999 min Scan# 41
 Delta R.T. 0.013 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

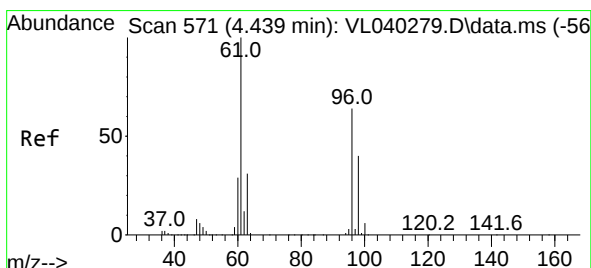
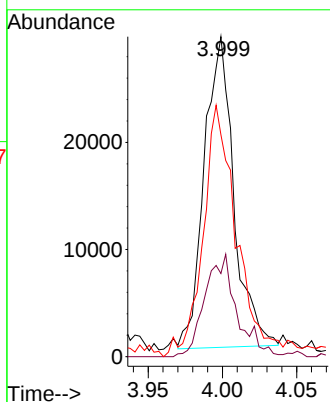
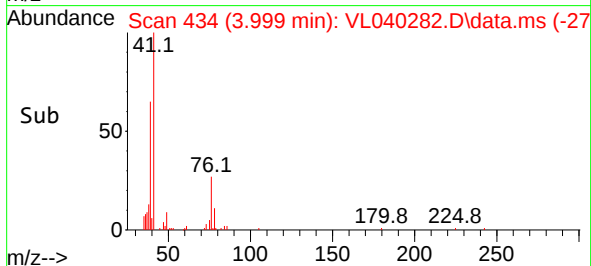
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 41 Resp: 40270
 Ion Ratio Lower Upper
 41 100
 76 36.5 25.5 38.3
 39 90.0 64.5 96.7

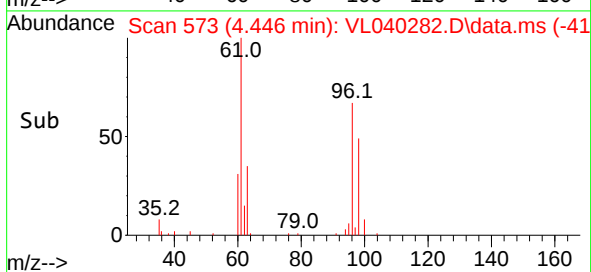
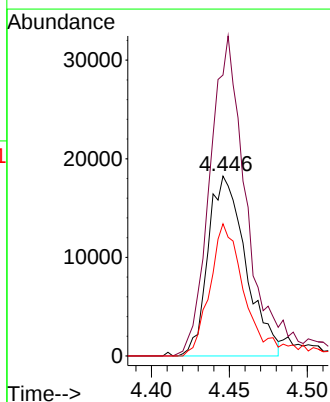
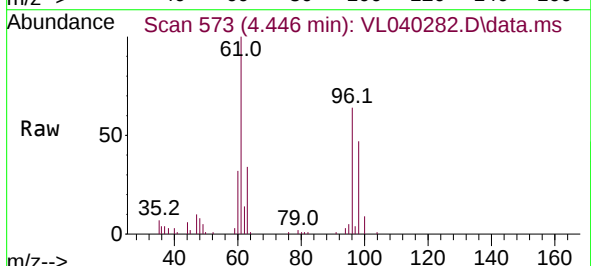
Manual Integrations
 APPROVED

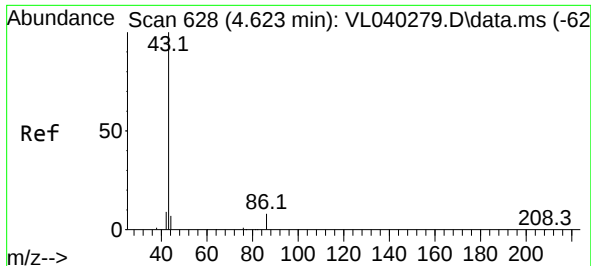
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#22
 trans-1,2-Dichloroethene
 Concen: 0.512 ppbv
 RT: 4.446 min Scan# 573
 Delta R.T. 0.010 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

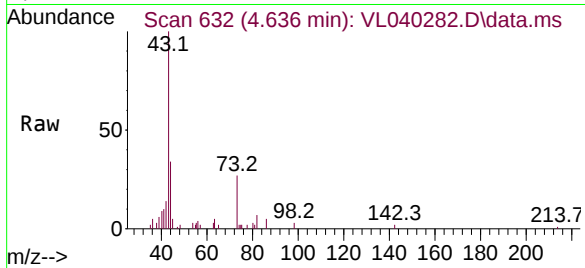
Tgt Ion: 96 Resp: 30687
 Ion Ratio Lower Upper
 96 100
 61 154.8 137.5 206.3
 98 73.5 52.8 79.2





#23
 Vinyl Acetate
 Concen: 0.462 ppbv m
 RT: 4.636 min Scan# 611
 Delta R.T. 0.016 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

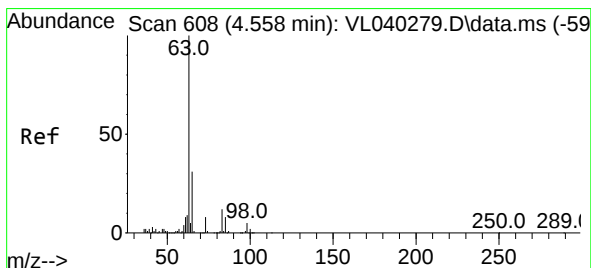
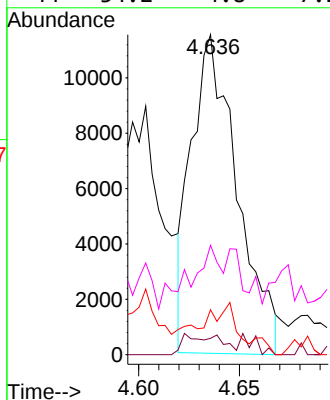
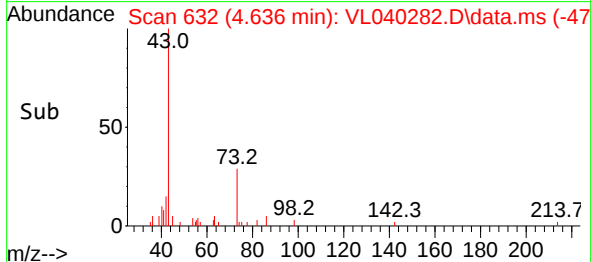
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



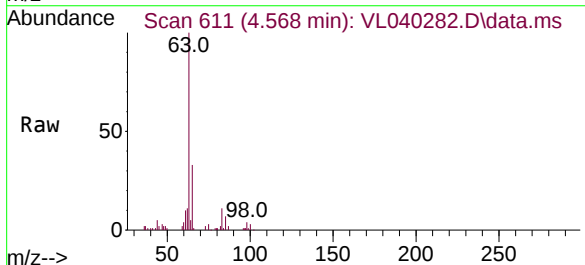
Tgt Ion: 43 Resp: 18220
 Ion Ratio Lower Upper
 43 100
 86 5.1 5.6 8.4
 42 14.0 7.6 11.4
 44 34.2 4.8 7.2

Manual Integrations
 APPROVED

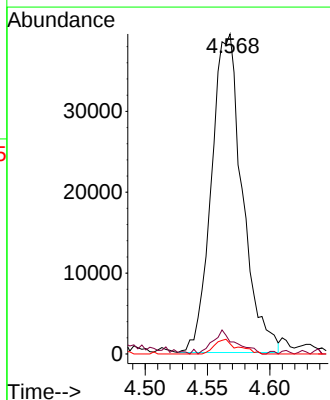
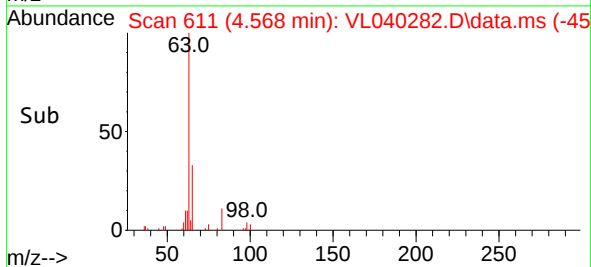
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023

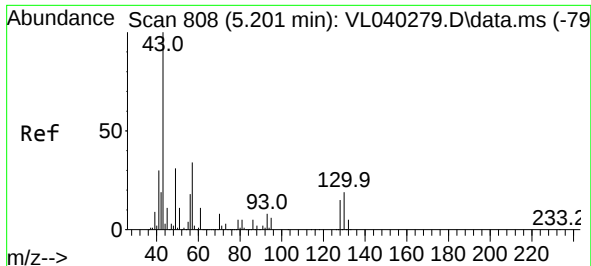


#24
 1,1-Dichloroethane
 Concen: 0.551 ppbv
 RT: 4.568 min Scan# 611
 Delta R.T. 0.013 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30



Tgt Ion: 63 Resp: 67995
 Ion Ratio Lower Upper
 63 100
 98 3.8 2.3 6.8
 100 3.2 1.4 4.0





#25

Ethyl Acetate

Concen: 0.524 ppbv

RT: 5.218 min Scan# 813

Delta R.T. 0.019 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 43 Resp: 12663

Ion Ratio Lower Upper

43 100

45 11.8 8.3 12.5

61 11.3 8.4 12.6

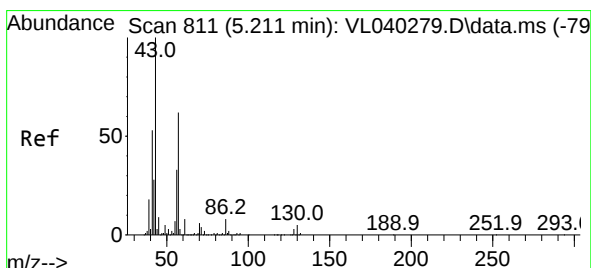
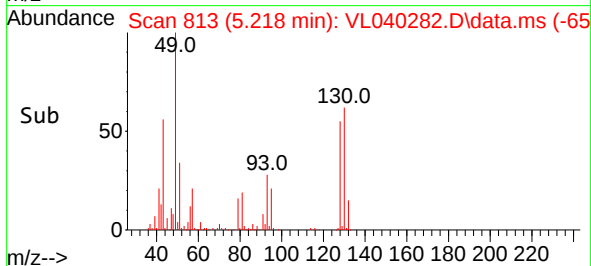
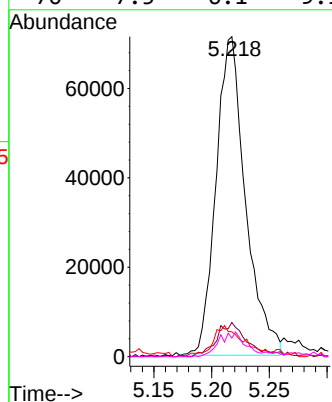
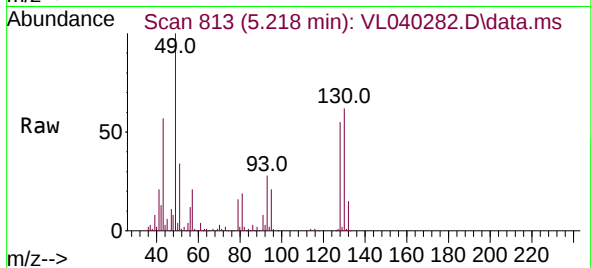
70 7.5 6.1 9.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#26

Hexane

Concen: 0.506 ppbv

RT: 5.214 min Scan# 812

Delta R.T. 0.006 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

Tgt Ion: 57 Resp: 52480

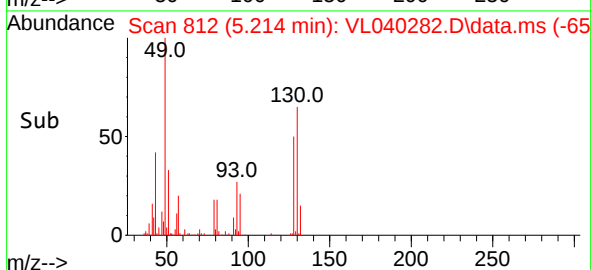
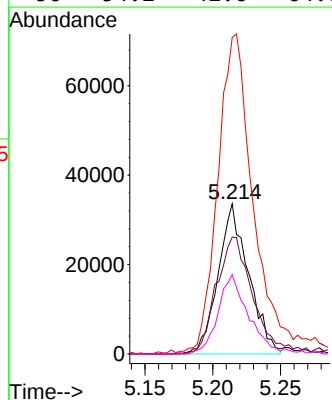
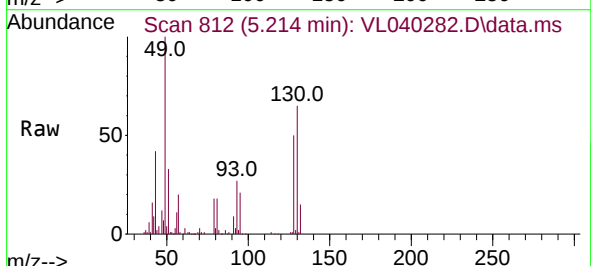
Ion Ratio Lower Upper

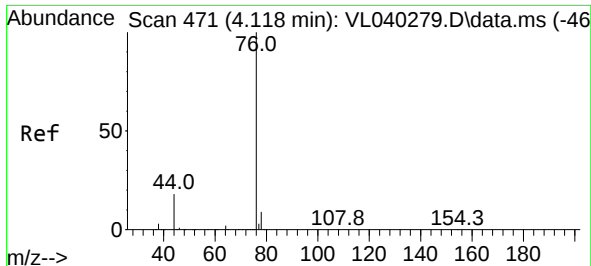
57 100

41 96.3 74.3 111.5

43 260.2 193.0 289.4

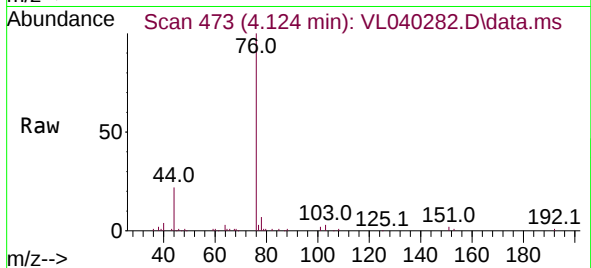
56 54.2 42.6 64.0





#27
Carbon Disulfide
Concen: 0.470 ppbv
RT: 4.124 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

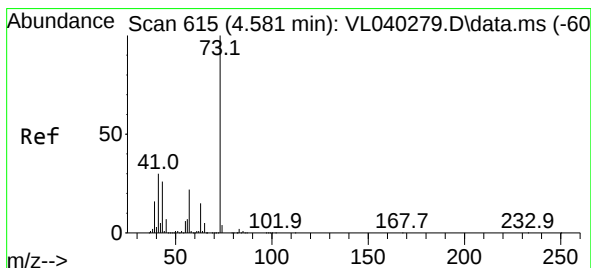
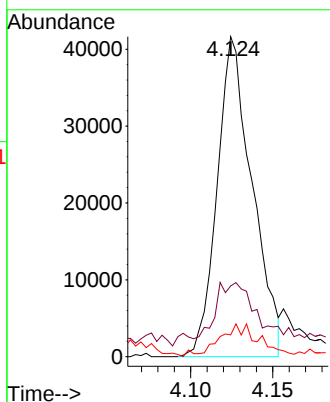
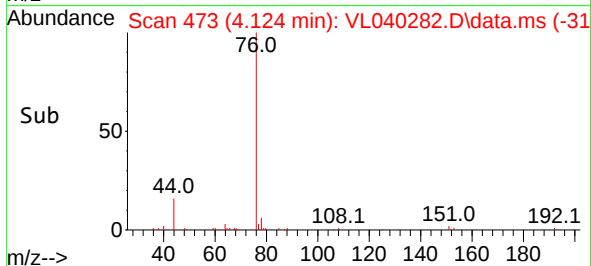
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 76 Resp: 6185
Ion Ratio Lower Upper
76 100
44 29.3 15.3 22.9
78 12.4 7.7 11.5

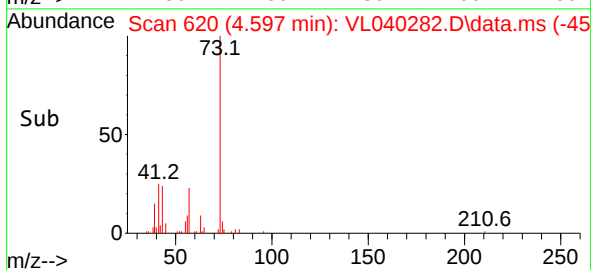
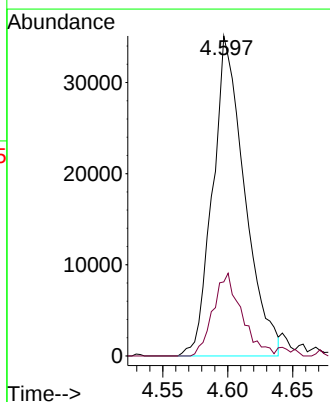
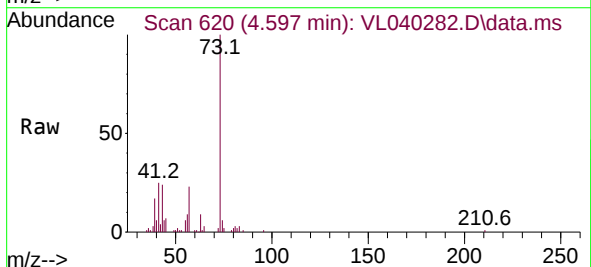
Manual Integrations
APPROVED

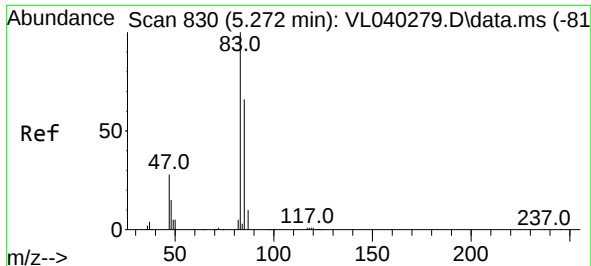
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#28
Methyl tert-Butyl Ether
Concen: 0.539 ppbv
RT: 4.597 min Scan# 620
Delta R.T. 0.019 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion: 73 Resp: 59879
Ion Ratio Lower Upper
73 100
57 24.9 18.8 28.2





#29

Chloroform

Concen: 0.534 ppbv

RT: 5.275 min Scan# 81

Delta R.T. 0.006 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 83 Resp: 95098

Ion Ratio Lower Upper

83 100

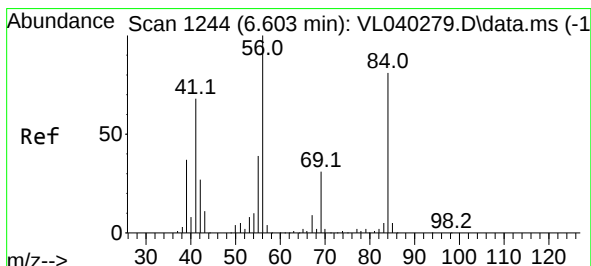
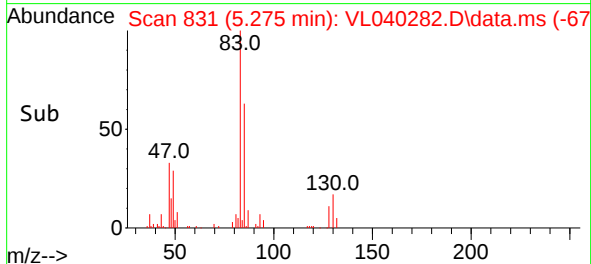
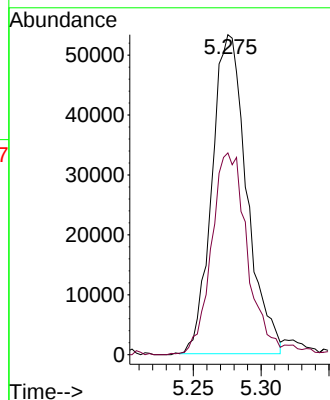
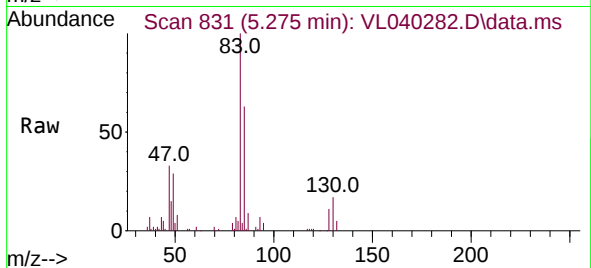
85 62.7 51.5 77.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023



#30

Cyclohexane

Concen: 0.454 ppbv m

RT: 6.603 min Scan# 1244

Delta R.T. 0.000 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

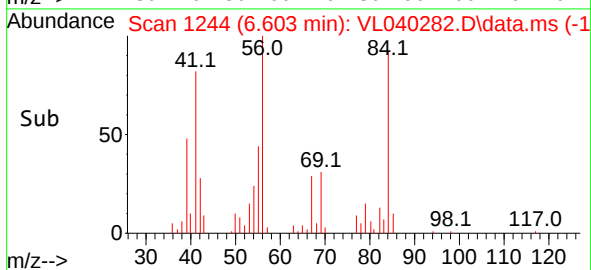
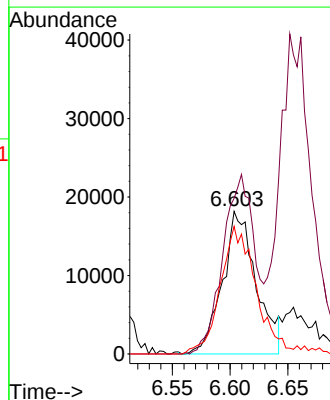
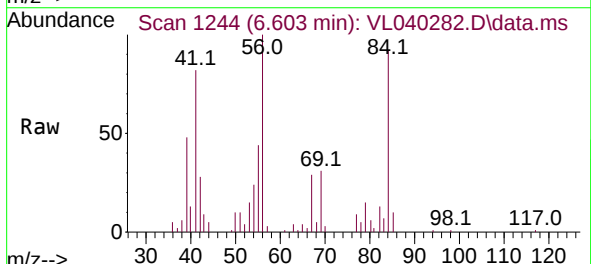
Tgt Ion: 84 Resp: 37022

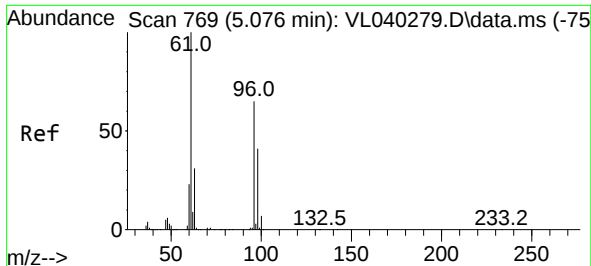
Ion Ratio Lower Upper

84 100

56 0.0 109.9 164.9#

41 96.6 67.8 101.6





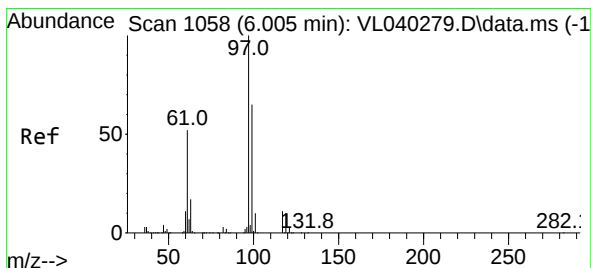
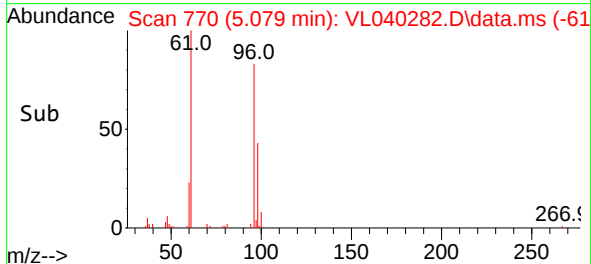
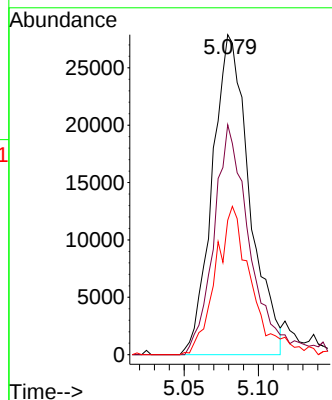
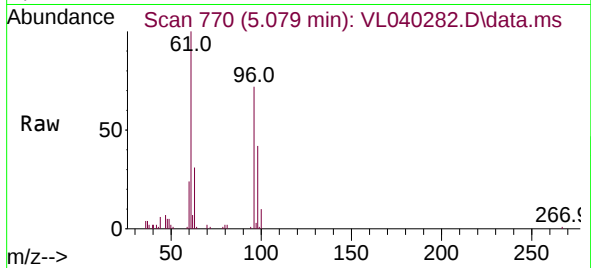
#31
 cis-1,2-Dichloroethene
 Concen: 0.492 ppbv
 RT: 5.079 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 61 Resp: 4850
 Ion Ratio Lower Upper
 61 100
 96 71.9 53.7 80.5
 98 42.0 36.4 54.6

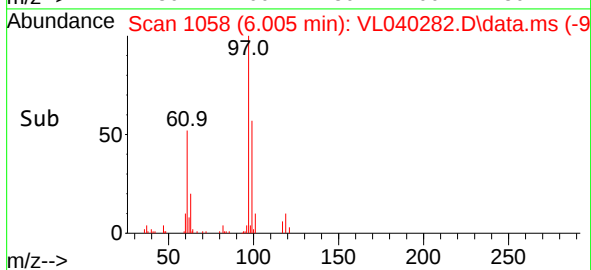
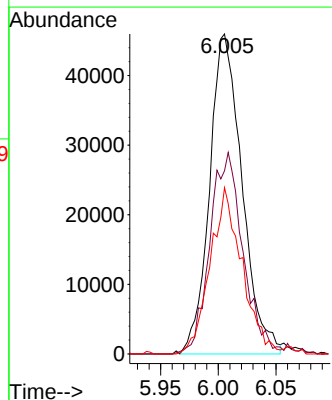
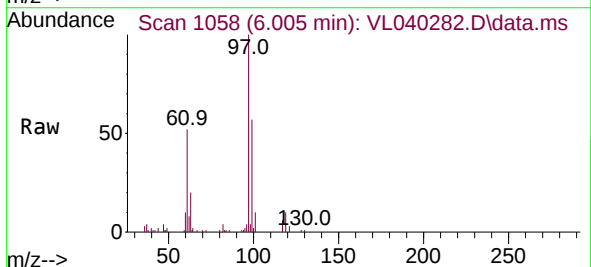
Manual Integrations
 APPROVED

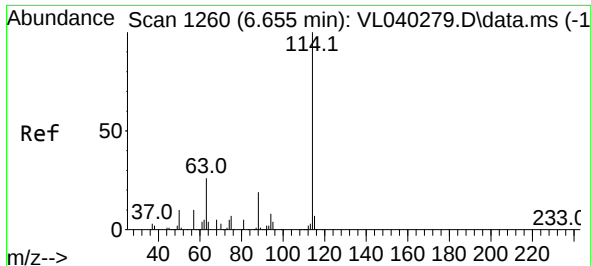
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#32
 1,1,1-Trichloroethane
 Concen: 0.538 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

Tgt Ion: 97 Resp: 90005
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.5 77.3
 61 51.9 40.6 60.8





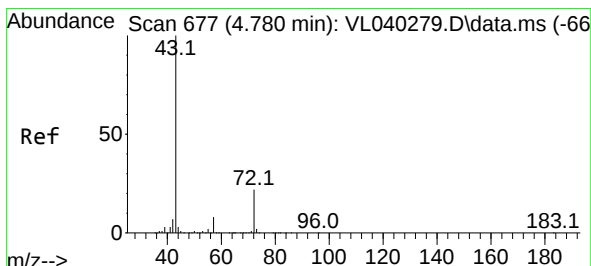
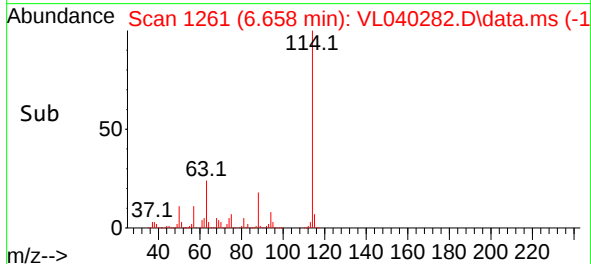
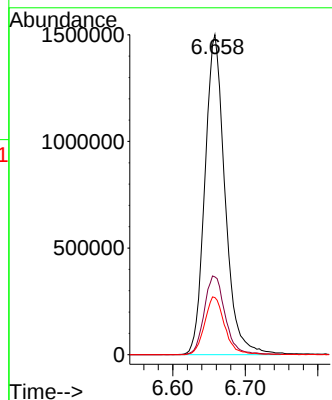
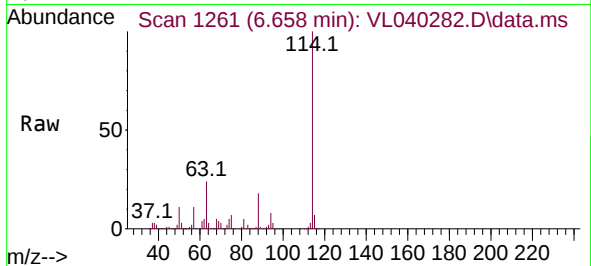
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:114 Resp: 2894578
Ion Ratio Lower Upper
114 100
63 25.9 20.4 30.6
88 18.2 14.3 21.5

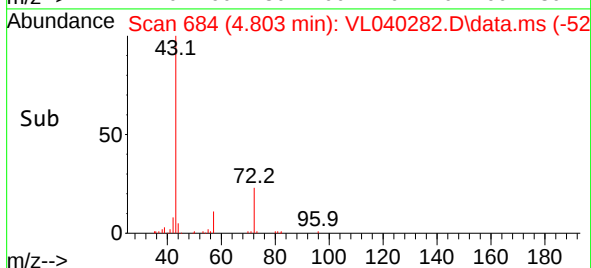
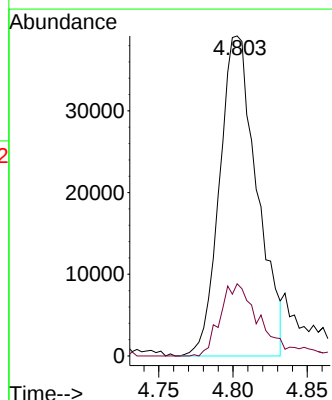
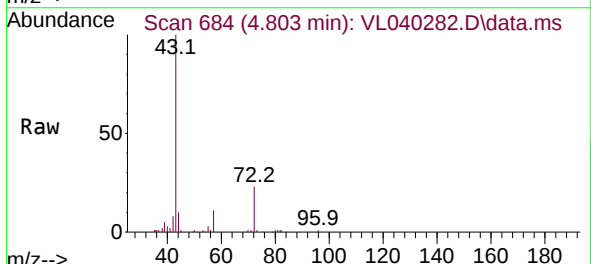
Manual Integrations
APPROVED

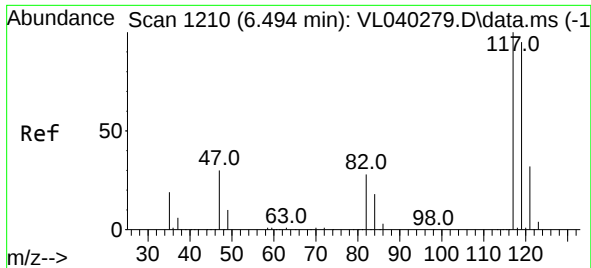
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#34
2-Butanone
Concen: 0.481 ppbv
RT: 4.803 min Scan# 684
Delta R.T. 0.026 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

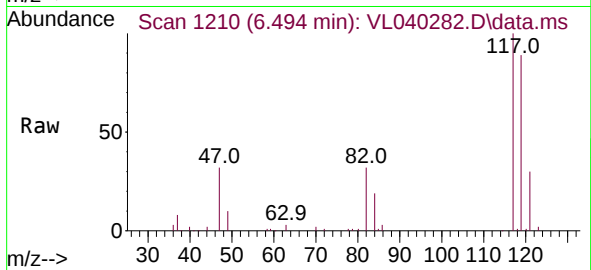
Tgt Ion: 43 Resp: 68630
Ion Ratio Lower Upper
43 100
72 24.9 17.8 26.8





#35
Carbon Tetrachloride
Concen: 0.518 ppbv
RT: 6.494 min Scan# 1174
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

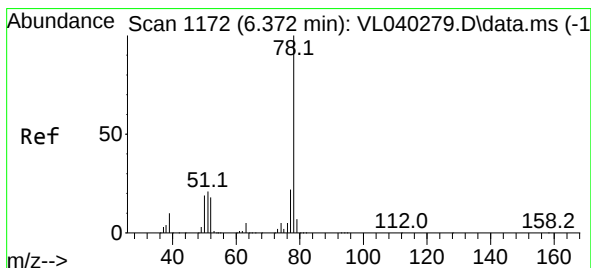
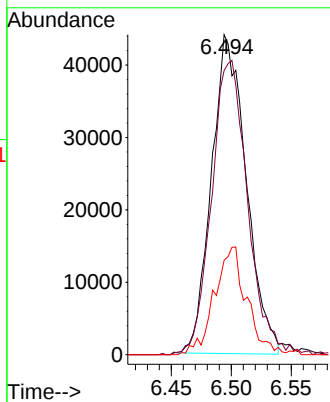
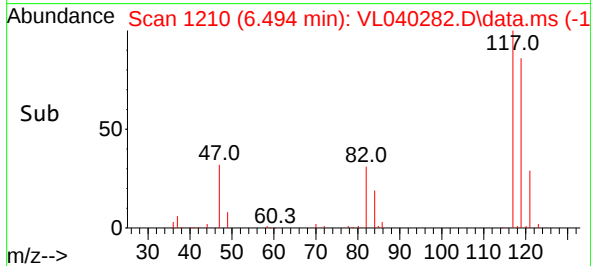
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 117 Resp: 8862
Ion Ratio Lower Upper
117 100
119 88.5 75.0 112.6
121 29.7 25.0 37.4

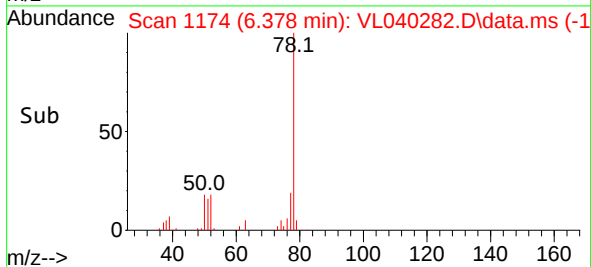
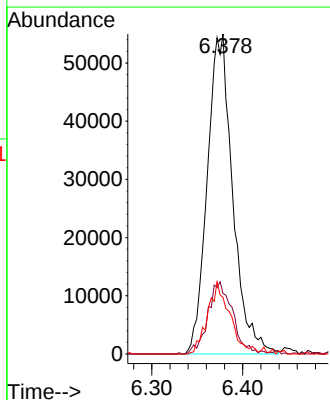
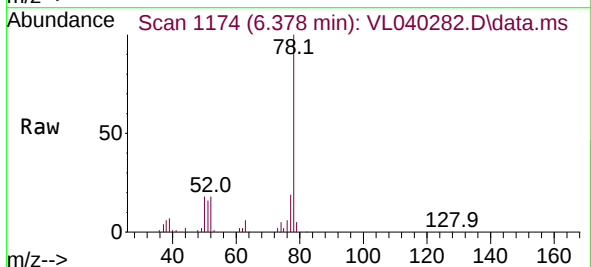
Manual Integrations
APPROVED

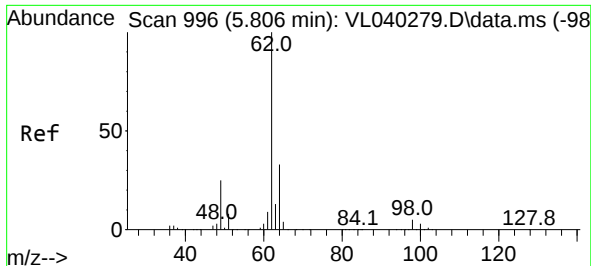
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#36
Benzene
Concen: 0.475 ppbv m
RT: 6.378 min Scan# 1174
Delta R.T. 0.010 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion: 78 Resp: 106980
Ion Ratio Lower Upper
78 100
77 18.9 17.5 26.3
50 17.7 14.6 22.0





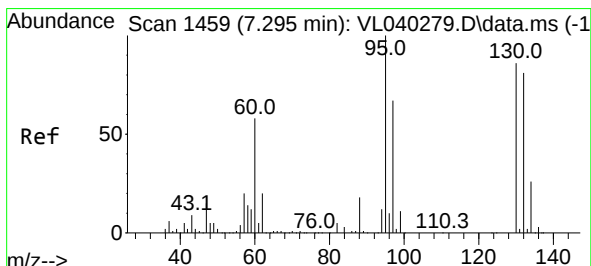
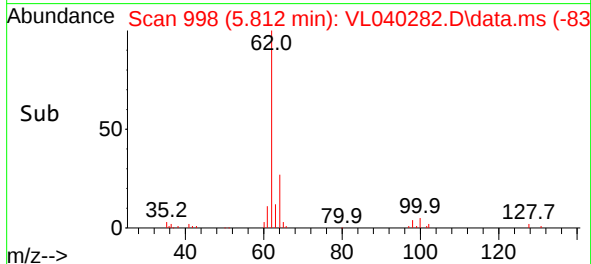
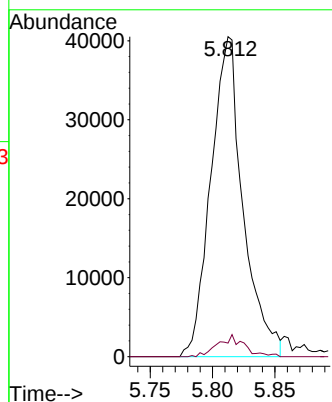
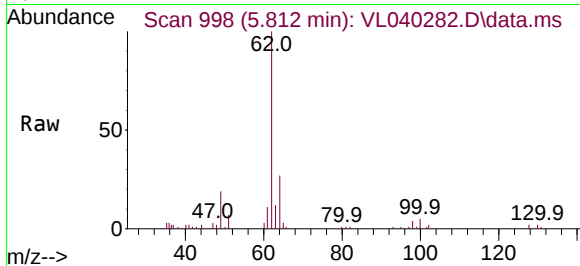
#37
1,2-Dichloroethane
Concen: 0.518 ppbv
RT: 5.812 min Scan# 996
Delta R.T. 0.010 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 7295
Ion Ratio Lower Upper
62 100
98 5.6 4.7 7.1

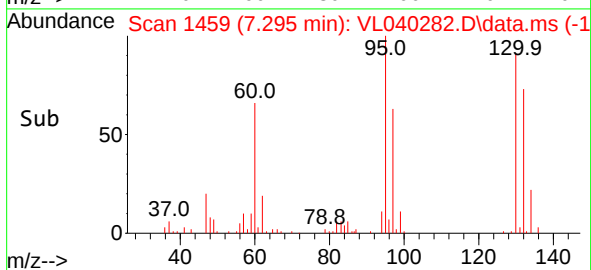
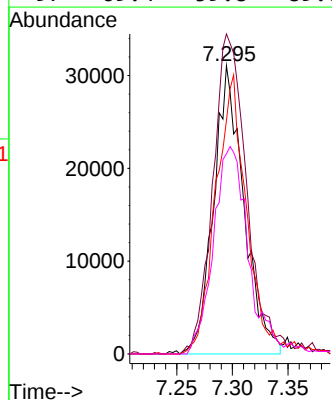
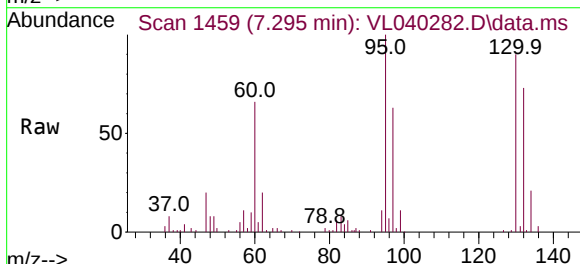
Manual Integrations
APPROVED

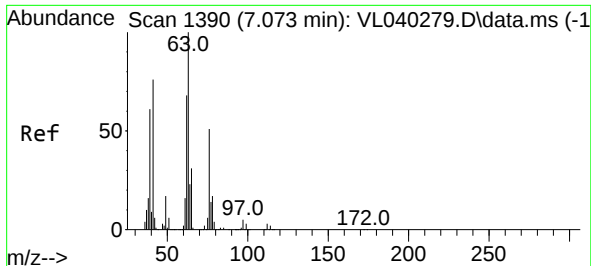
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#38
Trichloroethene
Concen: 0.472 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion:130 Resp: 58557
Ion Ratio Lower Upper
130 100
95 111.0 94.7 142.1
132 81.0 76.4 114.6
97 69.4 59.8 89.6





#39

1,2-Dichloropropane

Concen: 0.504 ppbv m

RT: 7.076 min Scan# 1390

Delta R.T. 0.003 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

Instrument :

MSVOA_L

ClientSampleId :

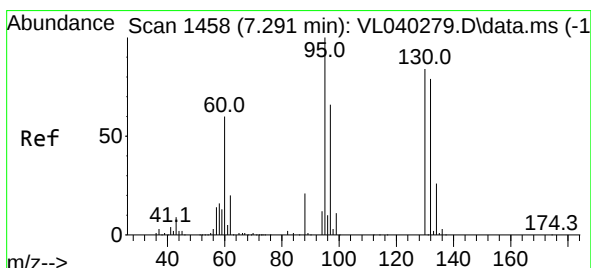
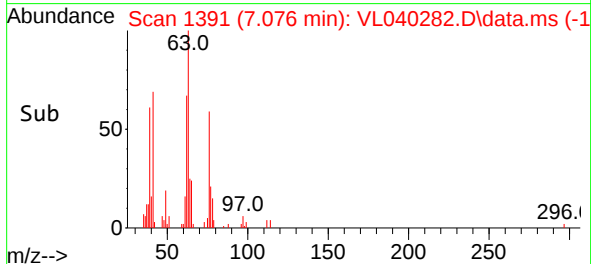
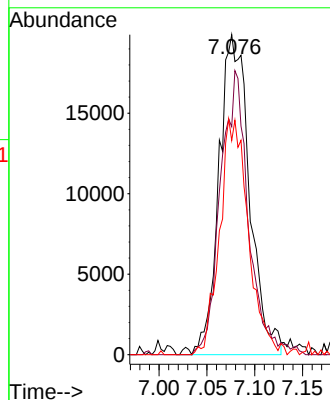
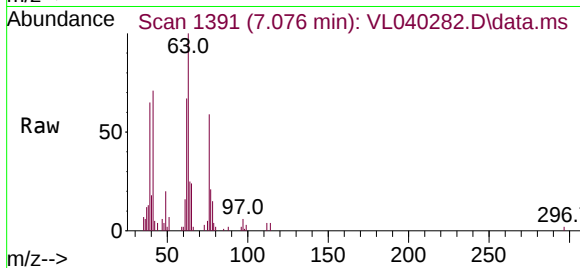
VSTDICC0.5

Tgt Ion:	63	Resp:	44128
Ion	Ratio	Lower	Upper
63	100		
41	71.2	57.6	86.4
62	67.0	54.0	81.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#40

1,4-Dioxane

Concen: 0.507 ppbv m

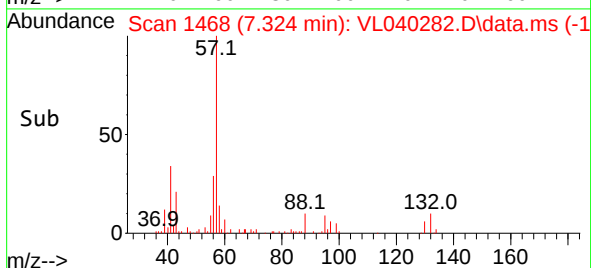
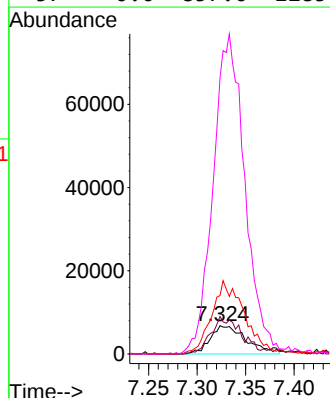
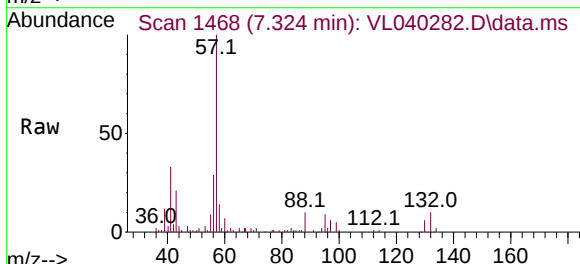
RT: 7.324 min Scan# 1468

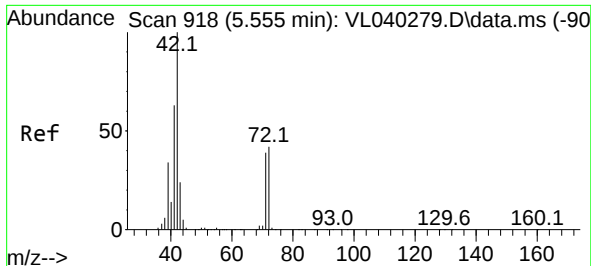
Delta R.T. 0.039 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

Tgt Ion:	88	Resp:	17769
Ion	Ratio	Lower	Upper
88	100		
58	0.0	97.4	146.0#
43	0.0	193.5	290.3#
57	0.0	857.0	1285.6#





#41

Tetrahydrofuran

Concen: 0.449 ppbv m

RT: 5.591 min Scan# 918

Delta R.T. 0.039 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

Instrument :

MSVOA_L

ClientSampleId :

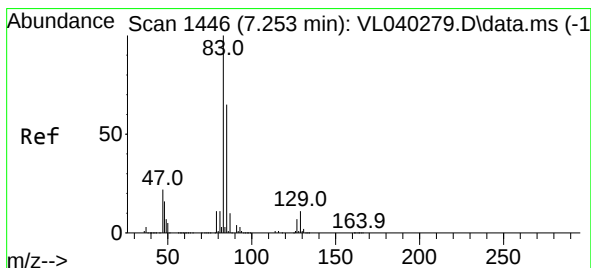
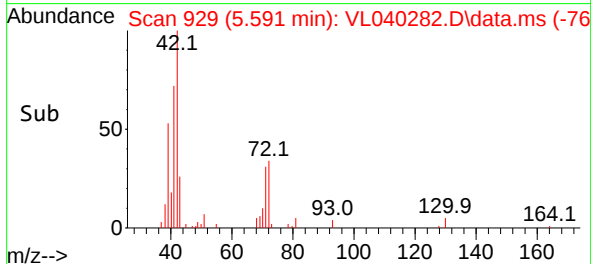
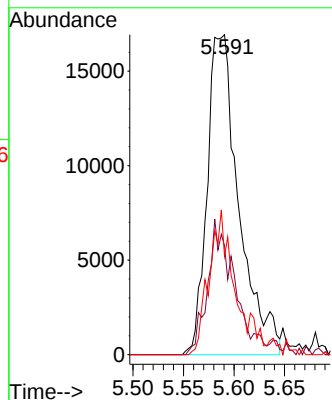
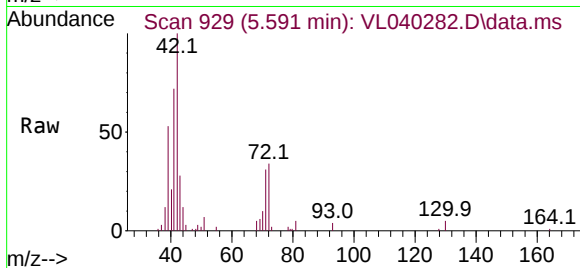
VSTDICC0.5

Tgt Ion:	42	Resp:	37119
Ion Ratio	Lower	Upper	
42	100		
72	37.6	33.0	49.4
71	0.0	31.4	47.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#42

Bromodichloromethane

Concen: 0.476 ppbv

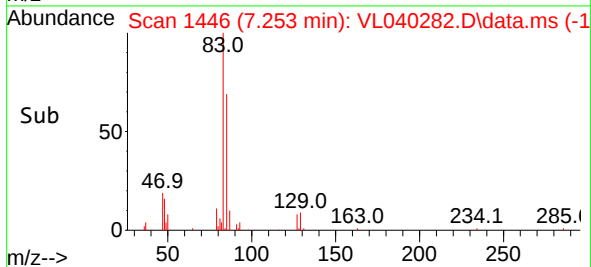
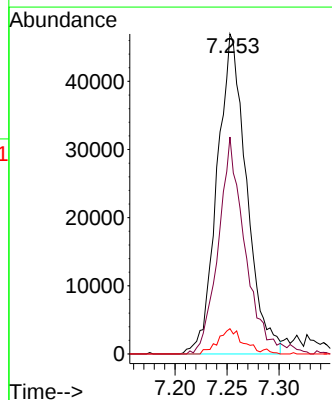
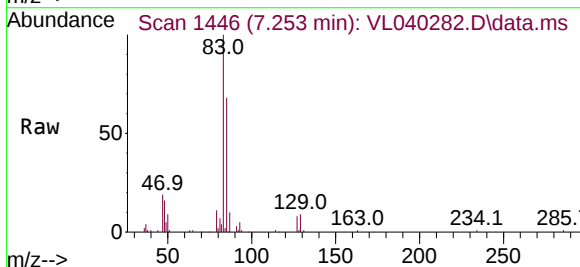
RT: 7.253 min Scan# 1446

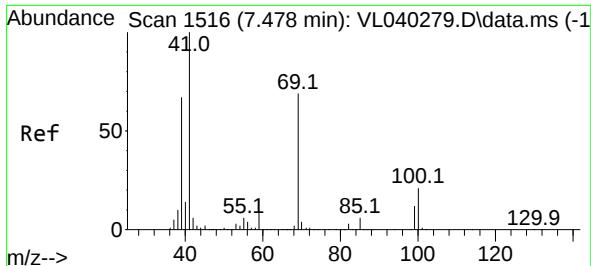
Delta R.T. 0.000 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

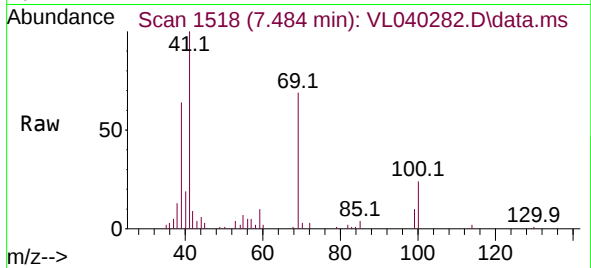
Tgt Ion:	83	Resp:	92486
Ion Ratio	Lower	Upper	
83	100		
85	67.8	50.9	76.3
127	7.9	6.2	9.2





#43
Methyl Methacrylate
Concen: 0.409 ppbv
RT: 7.484 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

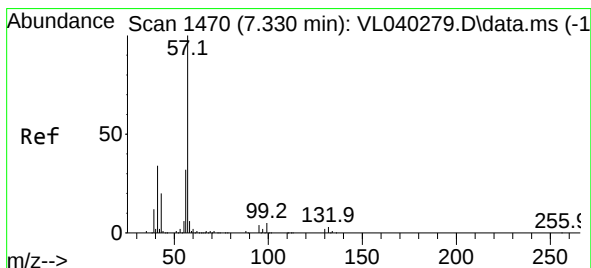
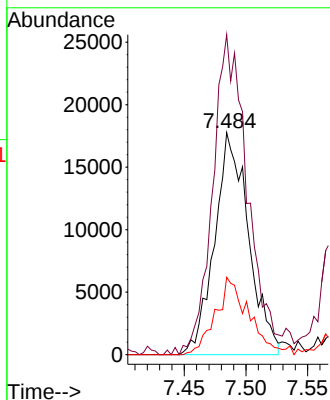
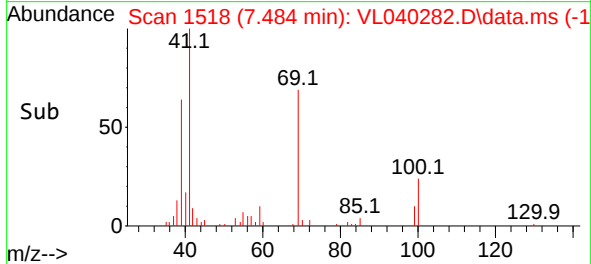
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



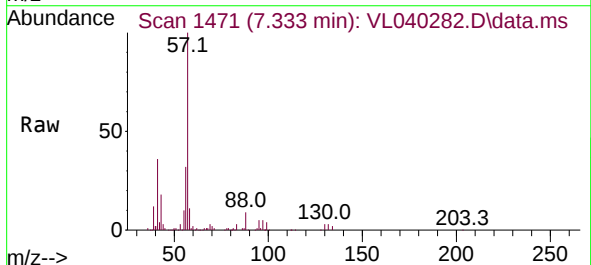
Tgt Ion: 69 Resp: 3409
Ion Ratio Lower Upper
69 100
41 151.7 116.6 174.8
100 33.9 25.6 38.4

Manual Integrations
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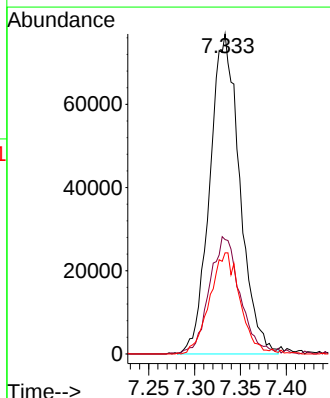
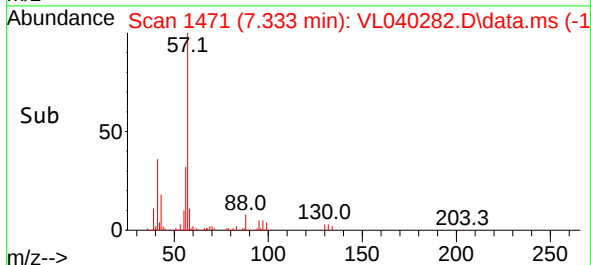
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

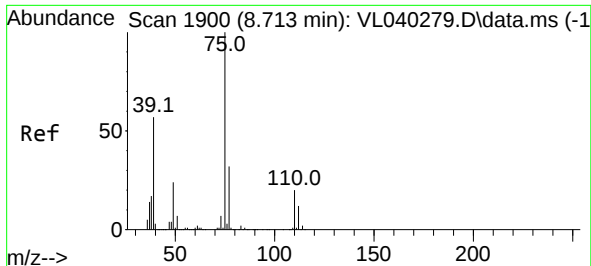


#44
2,2,4-Trimethylpentane
Concen: 0.465 ppbv
RT: 7.333 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30



Tgt Ion: 57 Resp: 174712
Ion Ratio Lower Upper
57 100
41 38.1 26.2 39.4
56 32.4 24.9 37.3





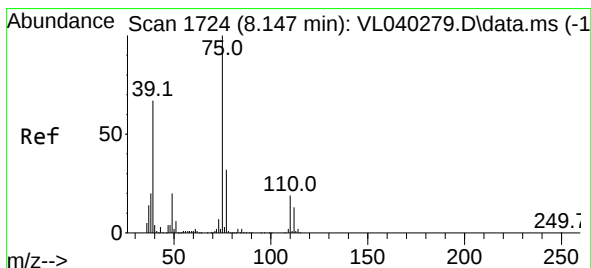
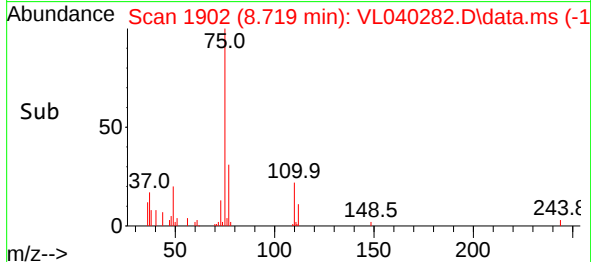
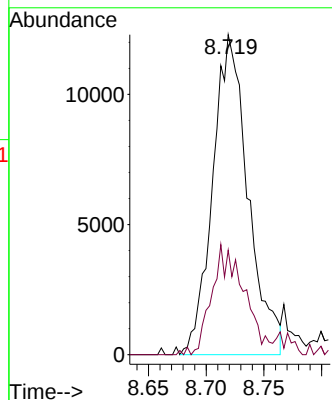
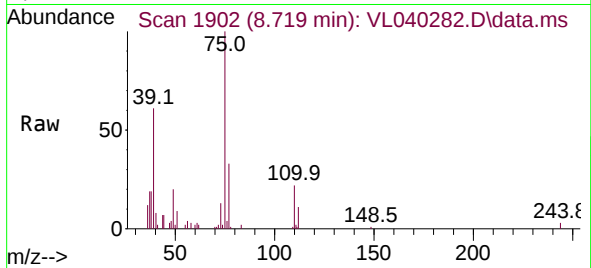
#45
 t-1,3-Dichloropropene
 Concen: 0.354 ppbv
 RT: 8.719 min Scan# 1900
 Delta R.T. 0.006 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 75 Resp: 2617
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.7 38.5

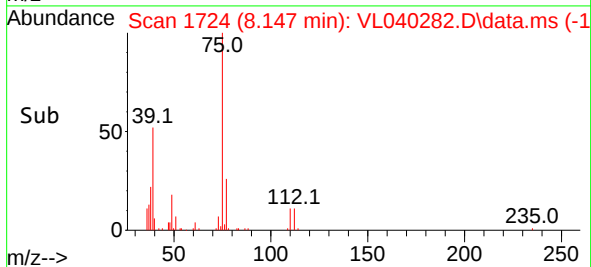
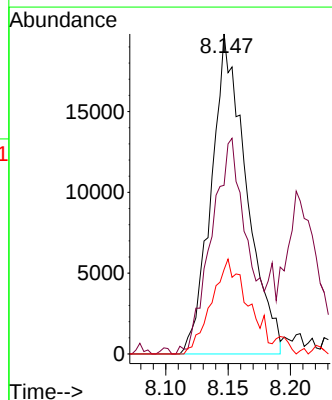
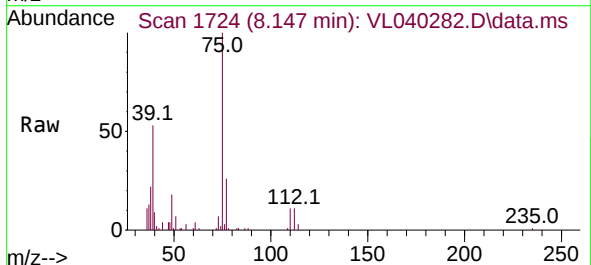
Manual Integrations
 APPROVED

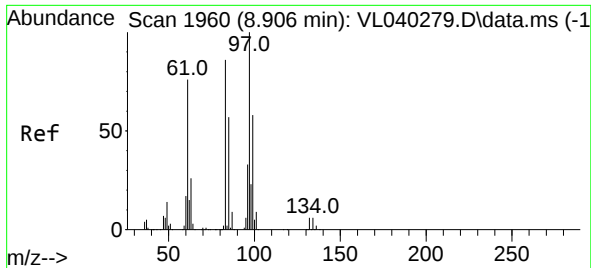
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#46
 cis-1,3-Dichloropropene
 Concen: 0.377 ppbv
 RT: 8.147 min Scan# 1724
 Delta R.T. 0.003 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

Tgt Ion: 75 Resp: 38810
 Ion Ratio Lower Upper
 75 100
 39 50.3 54.2 81.2#
 77 26.4 26.0 39.0





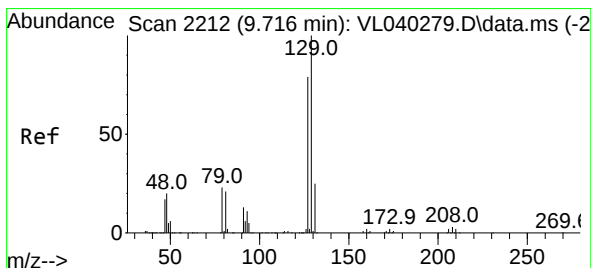
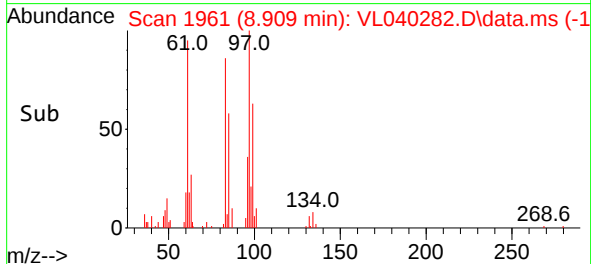
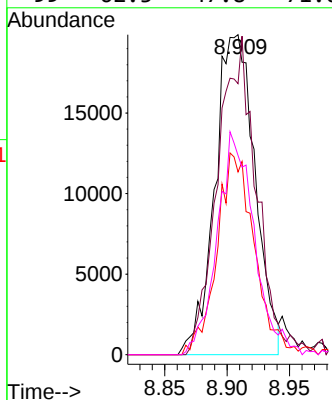
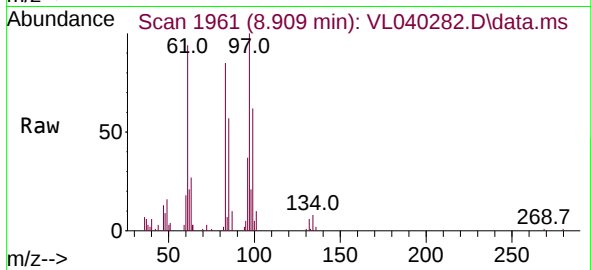
#47
1,1,2-Trichloroethane
Concen: 0.467 ppbv
RT: 8.909 min Scan# 1961
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 97	Resp: 4427
Ion Ratio	Lower Upper
97 100	
83 84.7	72.8 109.2
85 57.1	46.6 69.8
99 62.3	47.8 71.6

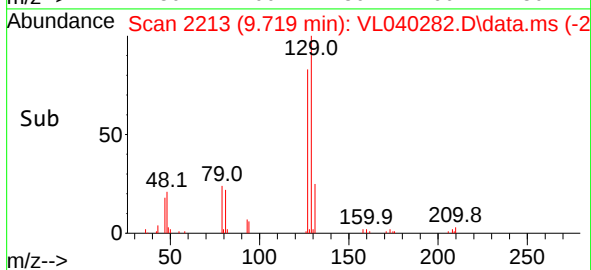
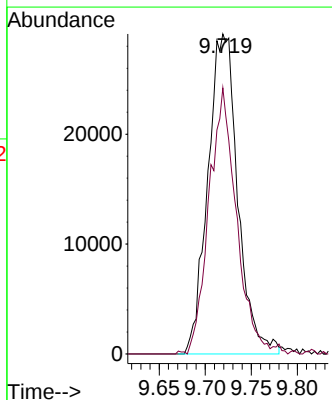
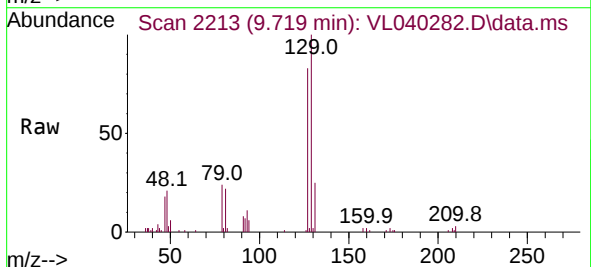
Manual Integrations
APPROVED

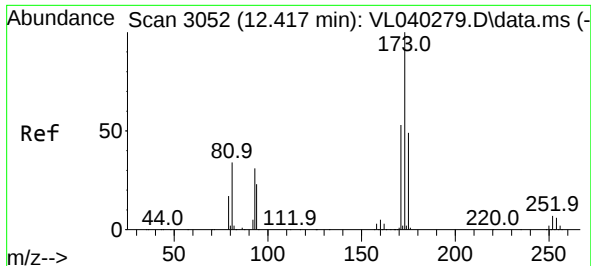
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#48
Dibromochloromethane
Concen: 0.435 ppbv m
RT: 9.719 min Scan# 2213
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

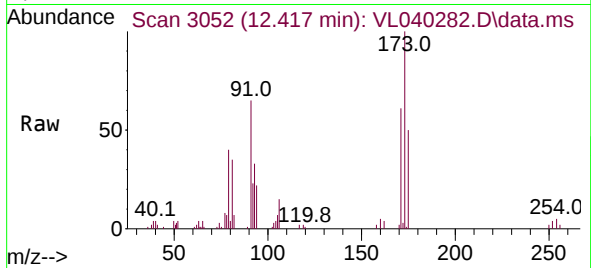
Tgt Ion:129	Resp: 65972
Ion Ratio	Lower Upper
129 100	
127 76.7	39.1 117.2





#49
Bromoform
Concen: 0.395 ppbv m
RT: 12.417 min Scan# 3052
Delta R.T. 0.000 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

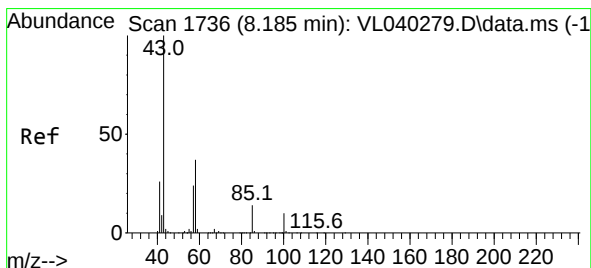
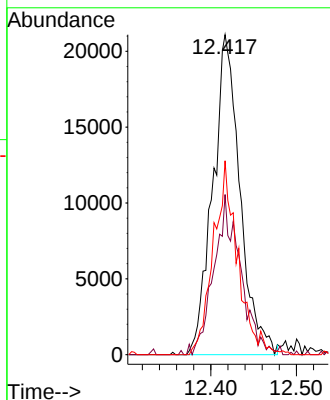
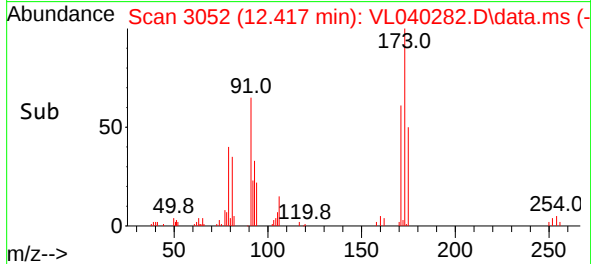
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion: 173 Resp: 4670
Ion Ratio Lower Upper
173 100
175 48.9 39.4 59.0
171 54.1 41.8 62.6

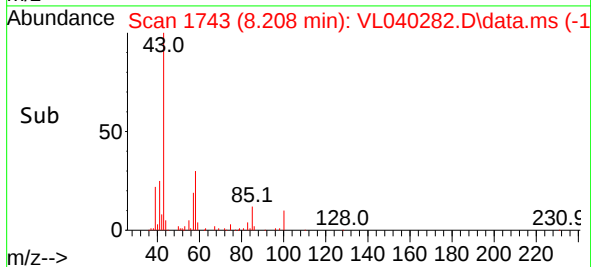
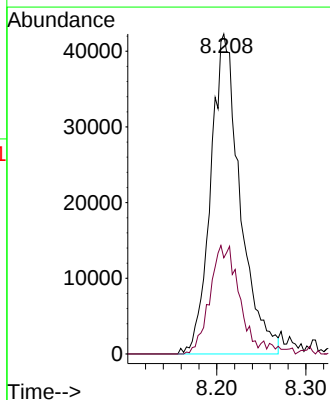
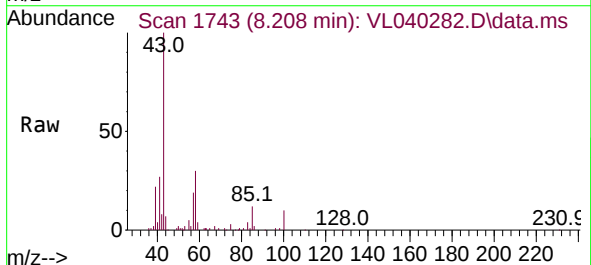
Manual Integrations
APPROVED

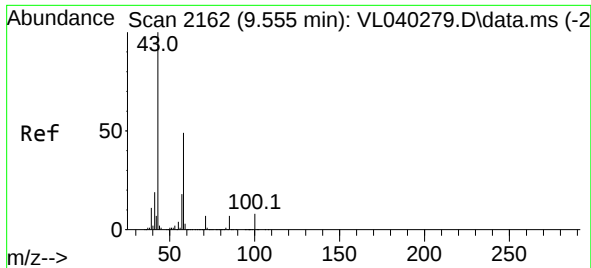
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#50
4-Methyl-2-Pentanone
Concen: 0.439 ppbv
RT: 8.208 min Scan# 1743
Delta R.T. 0.026 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

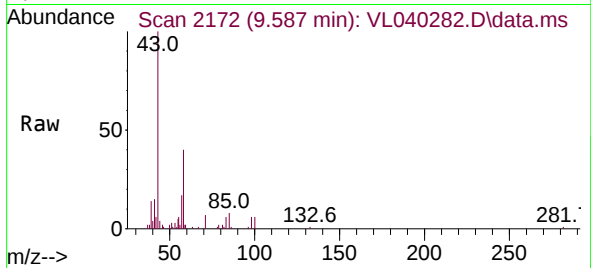
Tgt Ion: 43 Resp: 97244
Ion Ratio Lower Upper
43 100
58 34.8 29.2 43.8





#51
2-Hexanone
Concen: 0.412 ppbv m
RT: 9.587 min Scan# 2162
Delta R.T. 0.032 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

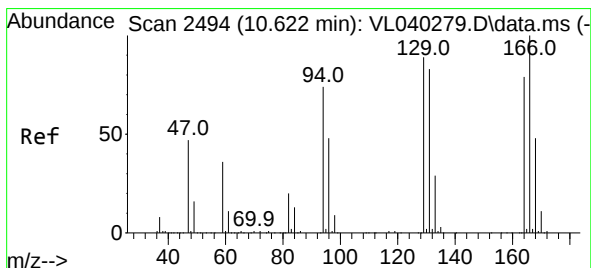
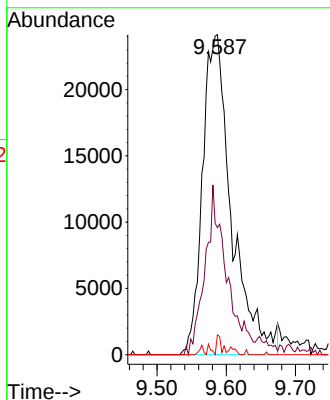
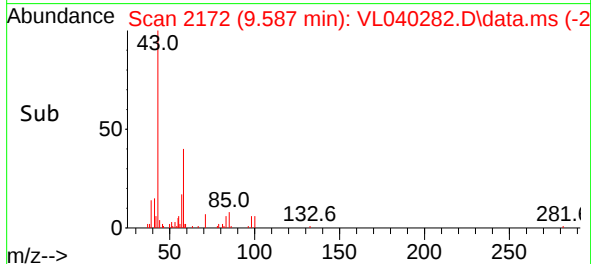
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



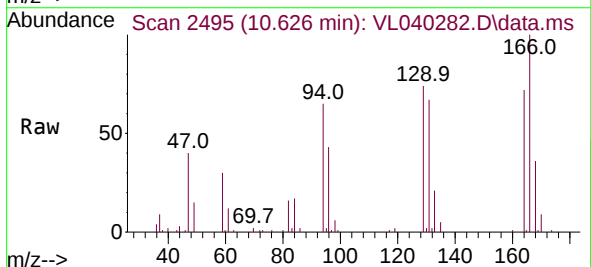
Tgt Ion: 43 Resp: 7032
Ion Ratio Lower Upper
43 100
58 0.0 39.1 58.7
98 0.0 0.2 0.4

Manual Integrations
APPROVED

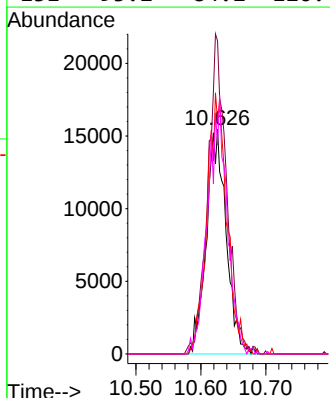
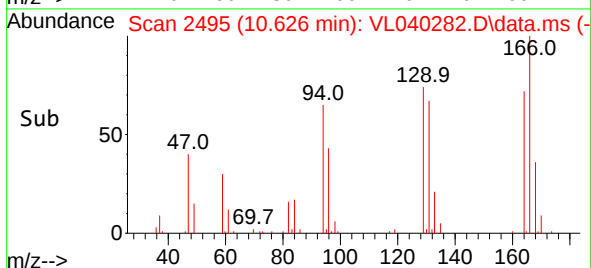
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

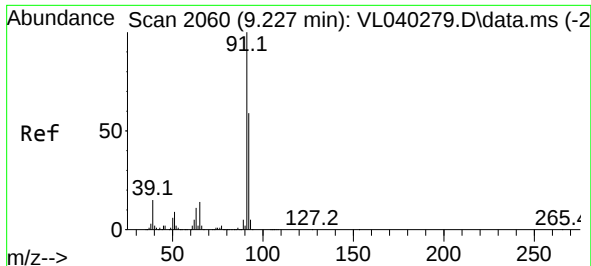


#52
Tetrachloroethene
Concen: 0.467 ppbv m
RT: 10.626 min Scan# 2495
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30



Tgt Ion:164 Resp: 32842
Ion Ratio Lower Upper
164 100
166 139.4 101.5 152.3
129 103.9 89.0 133.4
131 93.2 84.2 126.4





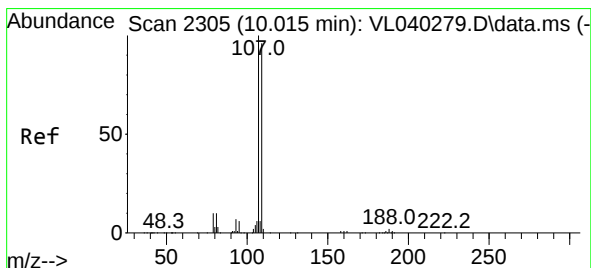
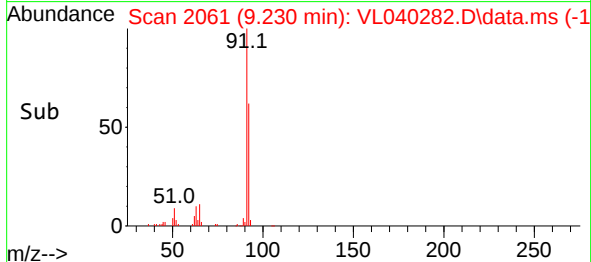
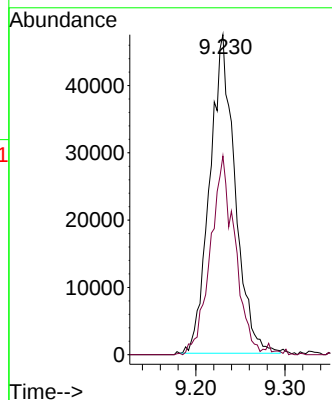
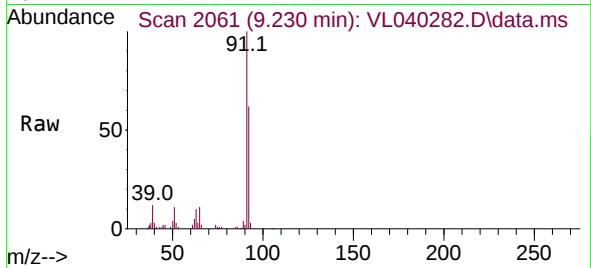
#53
Toluene
Concen: 0.388 ppbv
RT: 9.230 min Scan# 2060
Delta R.T. 0.006 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 9370
Ion Ratio Lower Upper
91 100
92 61.7 48.9 73.3

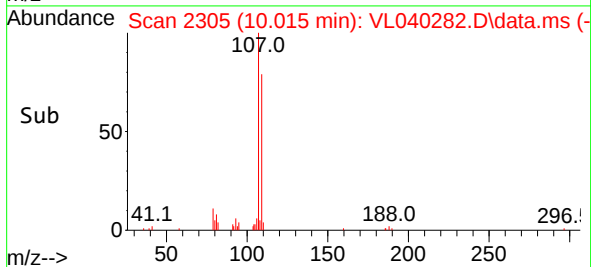
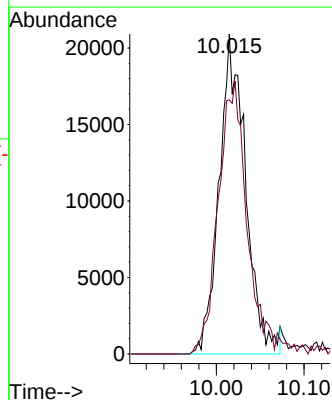
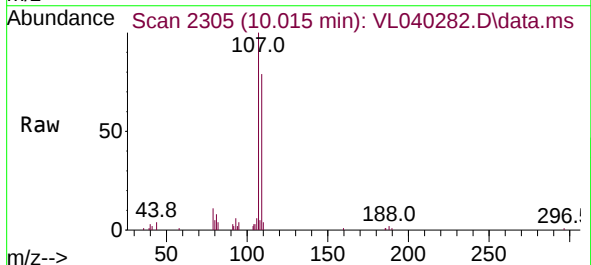
Manual Integrations
APPROVED

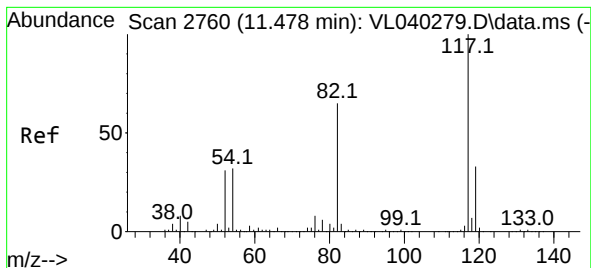
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#54
1,2-Dibromoethane
Concen: 0.444 ppbv m
RT: 10.015 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

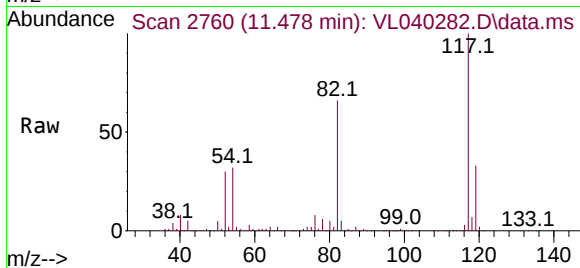
Tgt Ion:107 Resp: 43796
Ion Ratio Lower Upper
107 100
109 79.4 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.478 min Scan# 2760
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

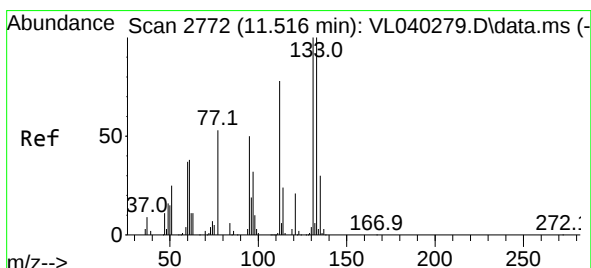
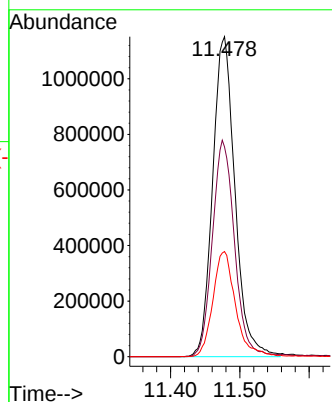
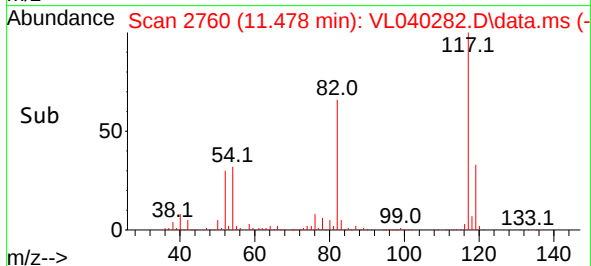
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



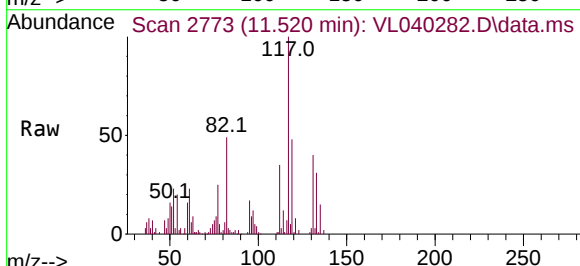
Tgt Ion:117 Resp: 257949
Ion Ratio Lower Upper
117 100
82 68.0 53.3 79.9
119 33.7 24.6 37.0

Manual Integrations
APPROVED

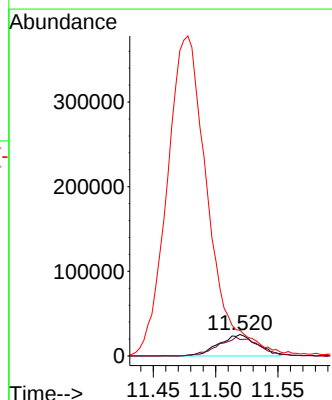
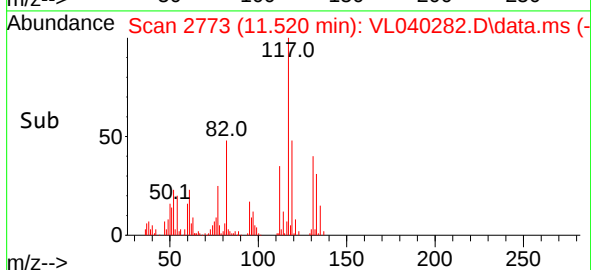
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

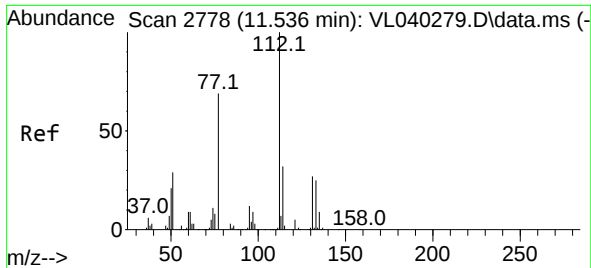


#56
1,1,1,2-Tetrachloroethane
Concen: 0.494 ppbv
RT: 11.520 min Scan# 2773
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30



Tgt Ion:131 Resp: 53510
Ion Ratio Lower Upper
131 100
133 94.4 76.2 114.2
119 1623.0 45.4 68.0#





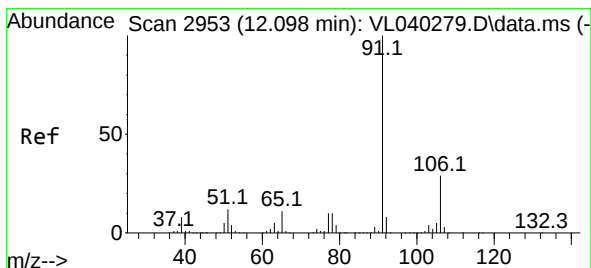
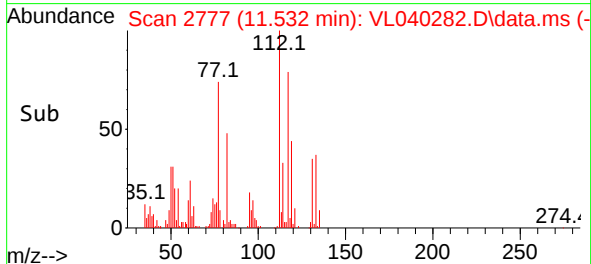
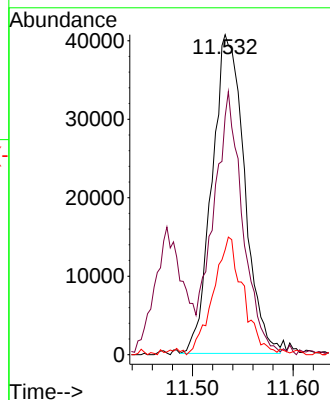
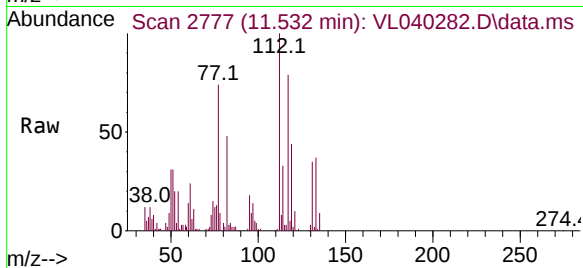
#57
Chlorobenzene
Concen: 0.483 ppbv
RT: 11.532 min Scan# 211
Delta R.T. 0.000 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 90964
Ion Ratio Lower Upper
112 100
77 73.9 55.0 82.4
114 32.0 29.0 35.4

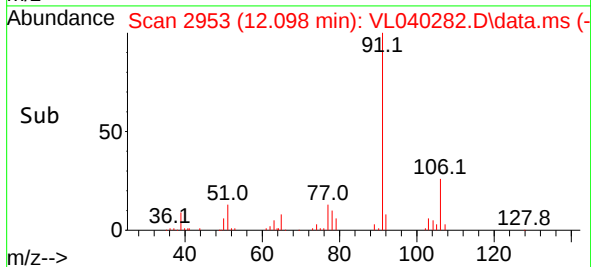
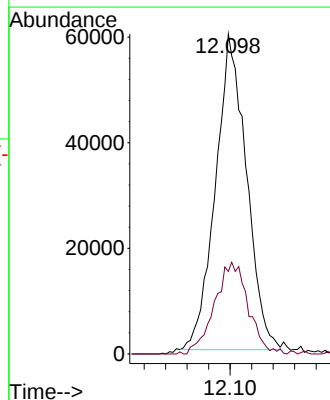
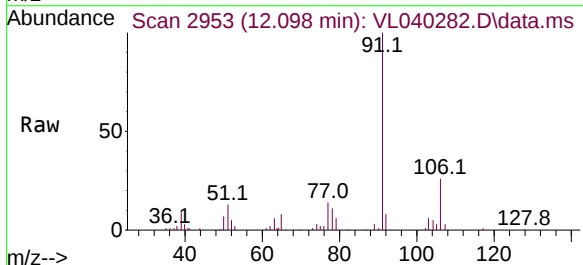
Manual Integrations
APPROVED

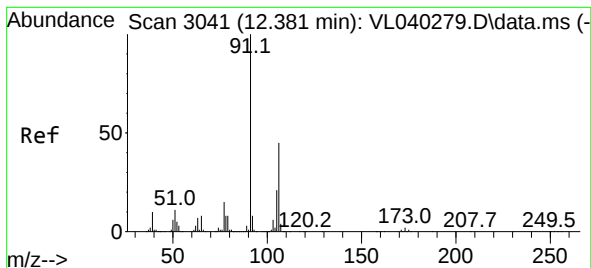
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#58
Ethyl Benzene
Concen: 0.381 ppbv
RT: 12.098 min Scan# 2953
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion: 91 Resp: 119476
Ion Ratio Lower Upper
91 100
106 25.5 24.9 37.3





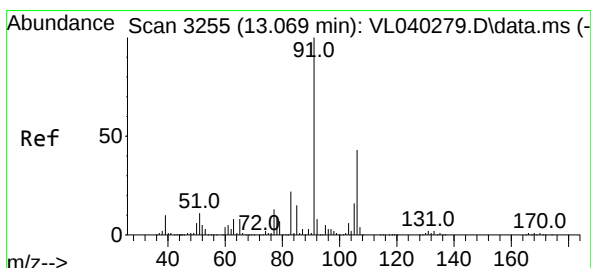
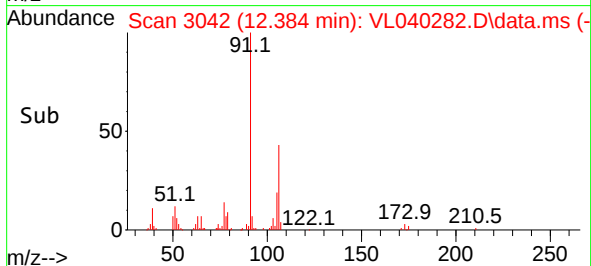
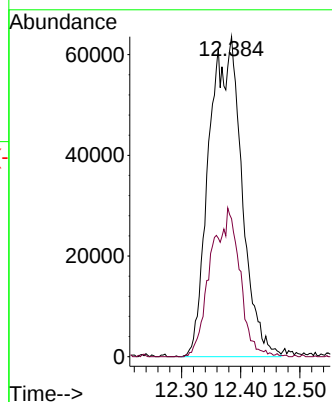
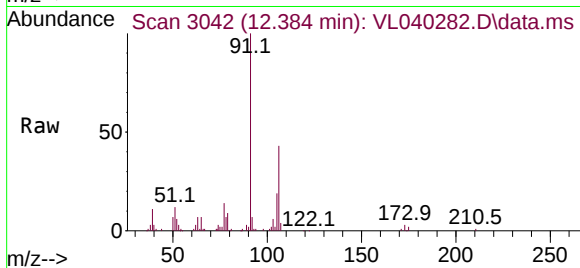
#59
m/p-Xylene
Concen: 0.879 ppbv m
RT: 12.384 min Scan# 3041
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 24389
Ion Ratio Lower Upper
91 100
106 41.4 34.6 51.8

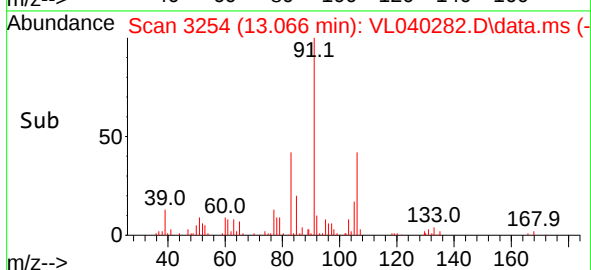
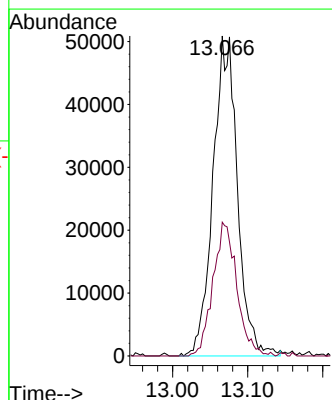
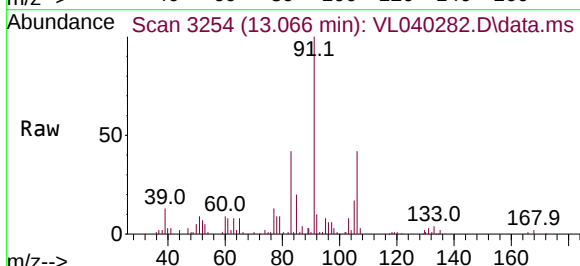
Manual Integrations
APPROVED

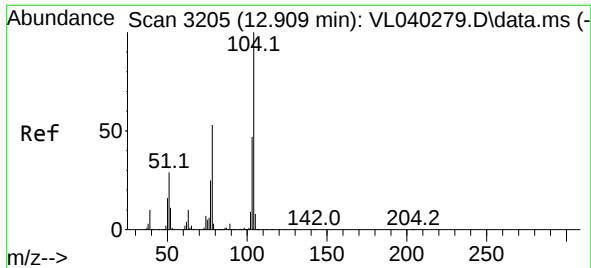
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#60
o-Xylene
Concen: 0.430 ppbv m
RT: 13.066 min Scan# 3254
Delta R.T. 0.000 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion: 91 Resp: 114793
Ion Ratio Lower Upper
91 100
106 41.0 21.6 65.0





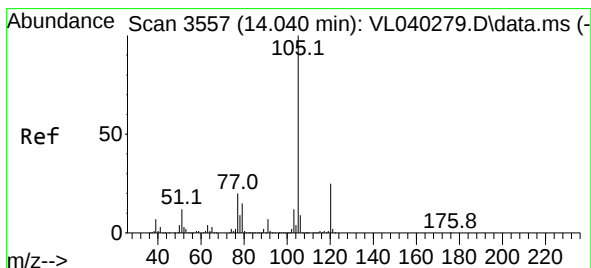
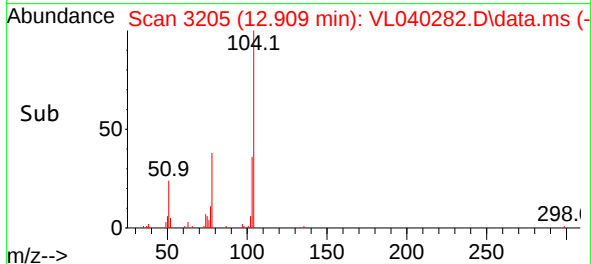
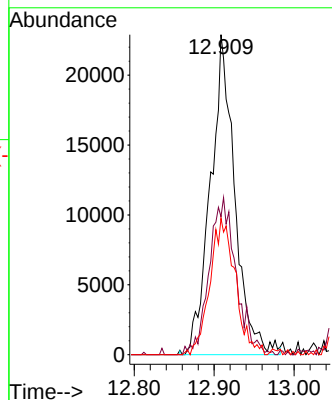
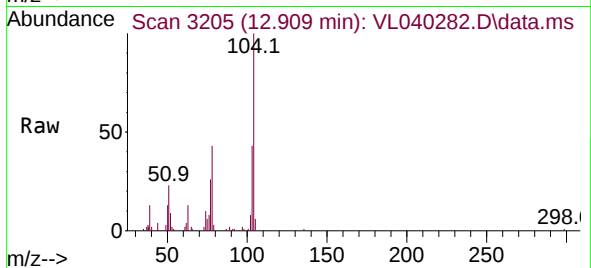
#61
Styrene
Concen: 0.345 ppbv m
RT: 12.909 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:104 Resp: 48398
Ion Ratio Lower Upper
104 100
78 54.3 42.3 63.5
103 45.4 37.5 56.3

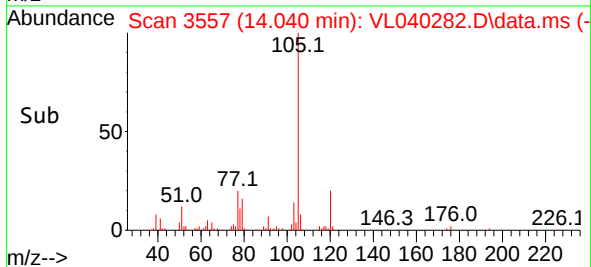
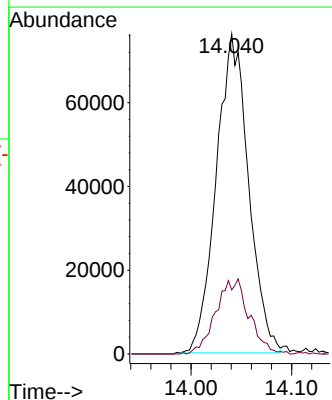
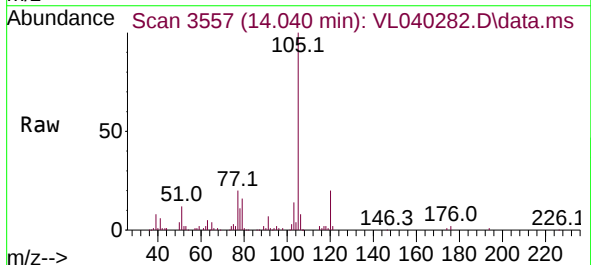
Manual Integrations
APPROVED

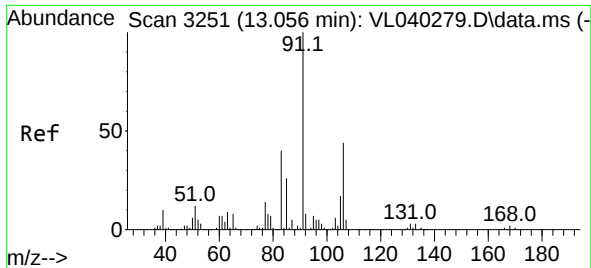
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#62
Isopropylbenzene
Concen: 0.443 ppbv
RT: 14.040 min Scan# 3557
Delta R.T. 0.000 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion:105 Resp: 169868
Ion Ratio Lower Upper
105 100
120 24.3 20.3 30.5





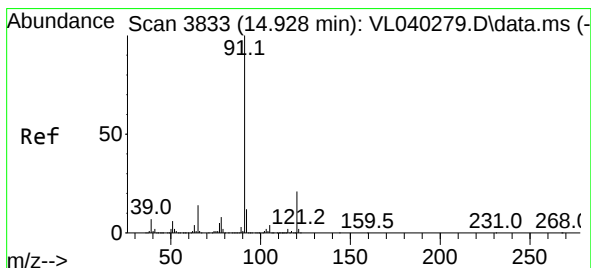
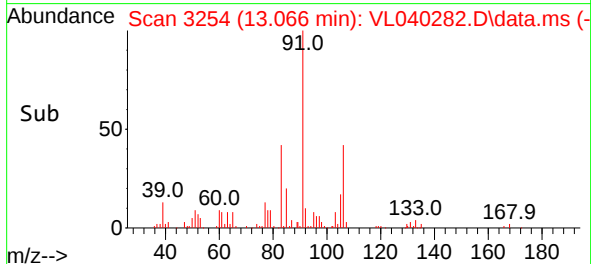
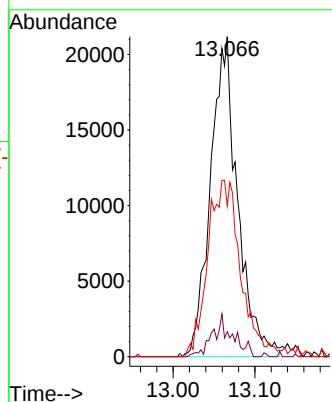
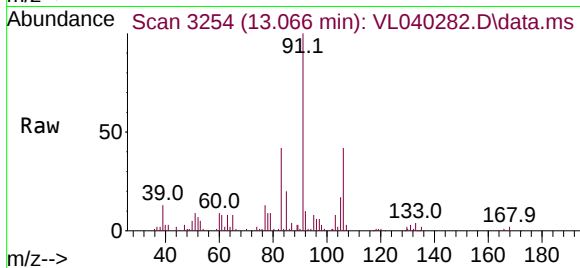
#63
1,1,2,2-Tetrachloroethane
Concen: 0.506 ppbv m
RT: 13.066 min Scan# 3254
Delta R.T. 0.010 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 83 Resp: 48749
Ion Ratio Lower Upper
83 100
131 9.7 4.4 13.2
85 68.3 33.0 99.0

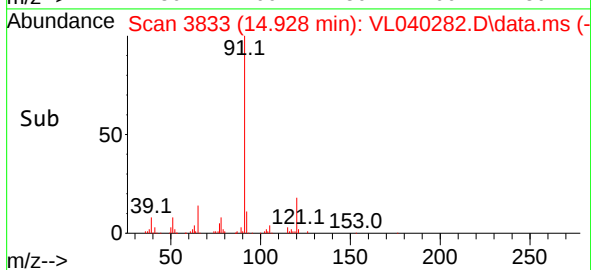
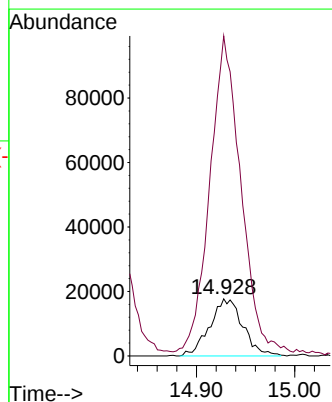
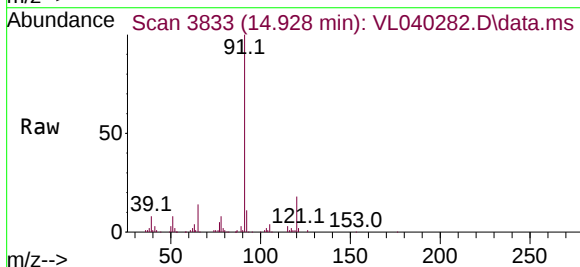
Manual Integrations
APPROVED

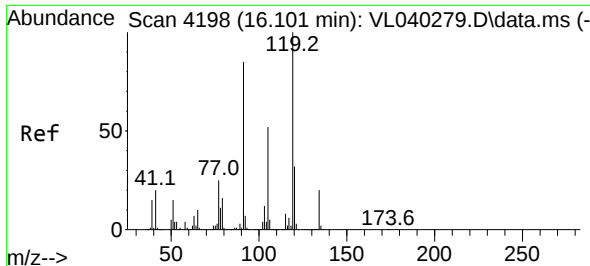
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#64
n-propylbenzene
Concen: 0.437 ppbv m
RT: 14.928 min Scan# 3833
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion:120 Resp: 41449
Ion Ratio Lower Upper
120 100
91 545.7 389.8 584.8





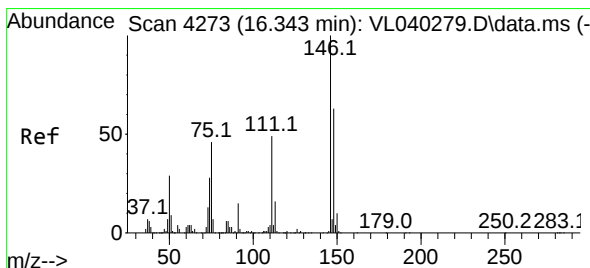
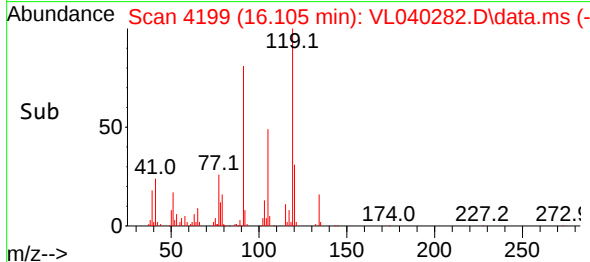
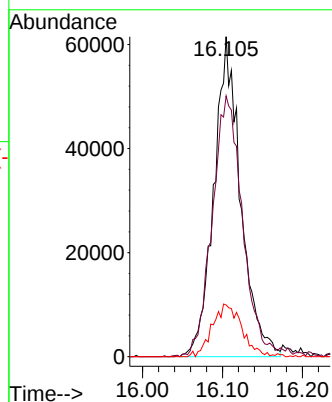
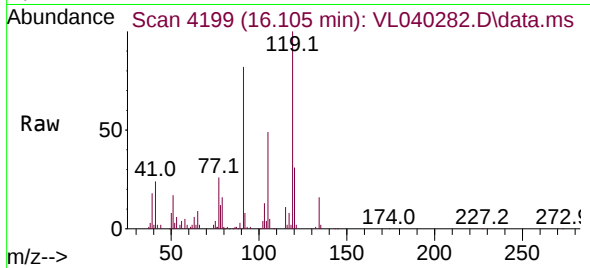
#65
tert-Butylbenzene
Concen: 0.429 ppbv
RT: 16.105 min Scan# 4199
Delta R.T. 0.006 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:119 Resp: 14295
Ion Ratio Lower Upper
119 100
91 93.3 68.6 102.8
134 18.4 15.9 23.9

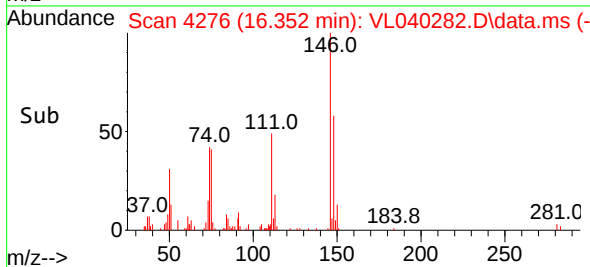
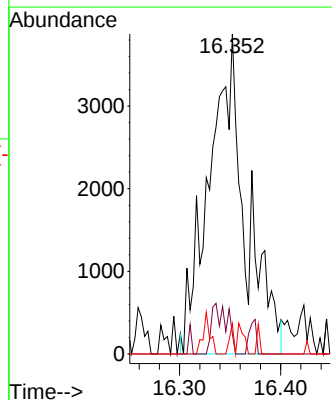
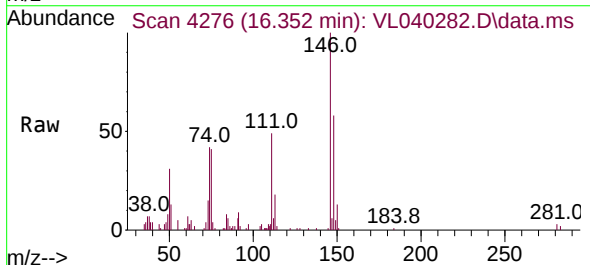
Manual Integrations
APPROVED

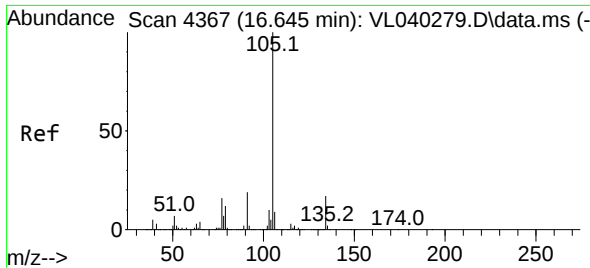
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#66
Benzyl Chloride
Concen: 0.433 ppbv m
RT: 16.352 min Scan# 4276
Delta R.T. 0.016 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion: 91 Resp: 9595
Ion Ratio Lower Upper
91 100
126 6.7 13.1 19.7#
128 6.0 4.1 6.1





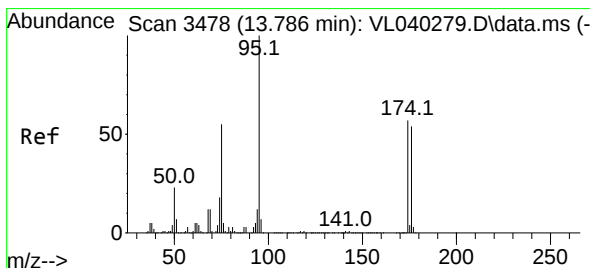
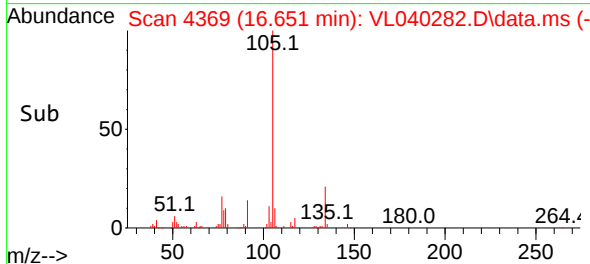
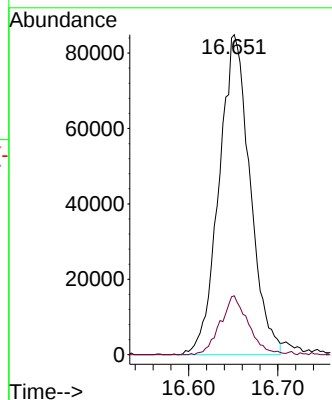
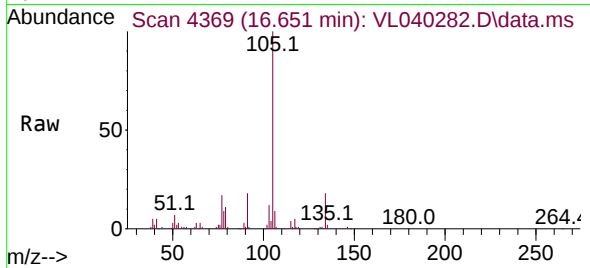
#67
 sec-Butylbenzene
 Concen: 0.430 ppbv
 RT: 16.651 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:105 Resp: 20551
 Ion Ratio Lower Upper
 105 100
 134 17.0 14.1 21.1

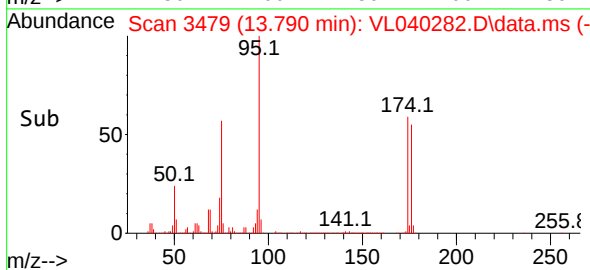
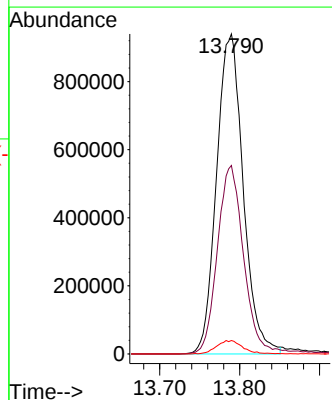
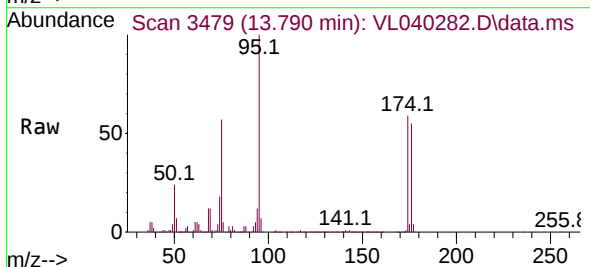
Manual Integrations
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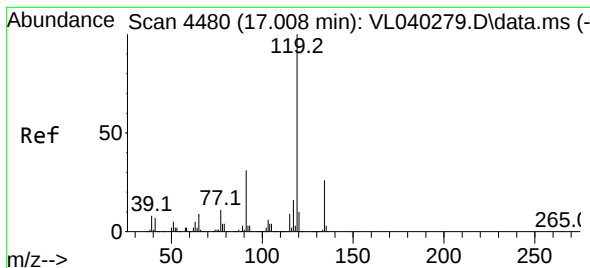
Reviewed By :Semsettin Yesilyurt 03/16/2023
 Supervised By :Mahesh Dadoda 03/16/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.255 ppbv
 RT: 13.790 min Scan# 3479
 Delta R.T. 0.006 min
 Lab File: VL040282.D
 Acq: 15 Mar 2023 13:30

Tgt Ion: 95 Resp: 2175181
 Ion Ratio Lower Upper
 95 100
 174 59.3 48.2 72.2
 175 4.2 3.4 5.2





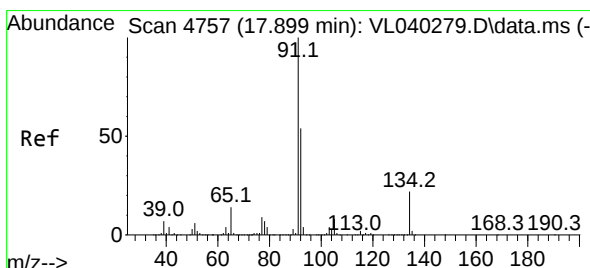
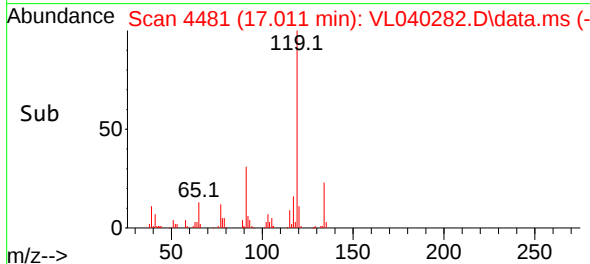
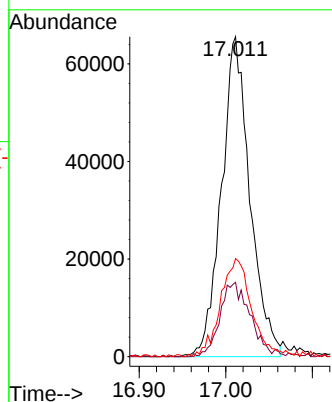
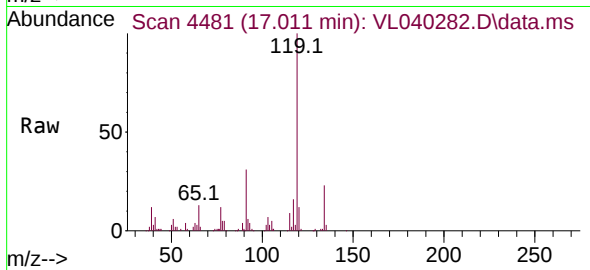
#69
p-Isopropyltoluene
Concen: 0.395 ppbv
RT: 17.011 min Scan# 4480
Delta R.T. 0.006 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:119 Resp: 149805
Ion Ratio Lower Upper
119 100
134 25.4 20.2 30.2
91 33.4 24.7 37.1

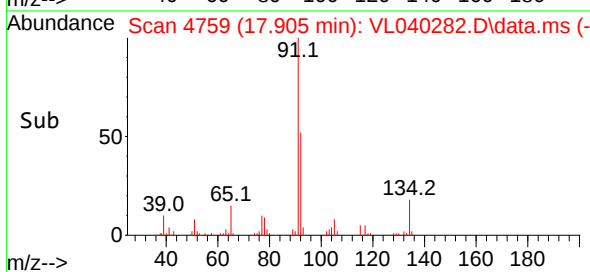
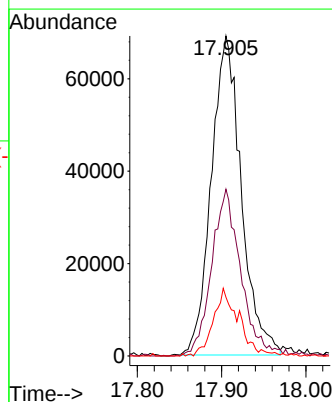
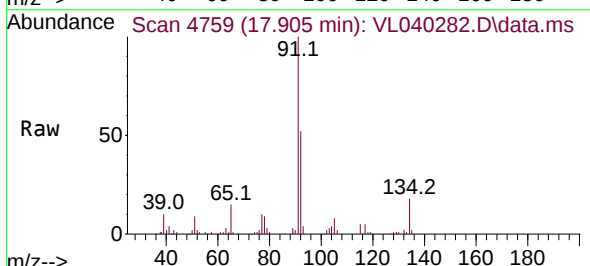
Manual Integrations
APPROVED

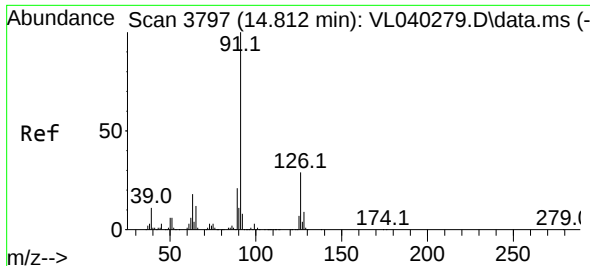
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#70
n-Butylbenzene
Concen: 0.416 ppbv
RT: 17.905 min Scan# 4759
Delta R.T. 0.010 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion: 91 Resp: 170885
Ion Ratio Lower Upper
91 100
92 51.5 43.0 64.6
134 18.1 16.9 25.3





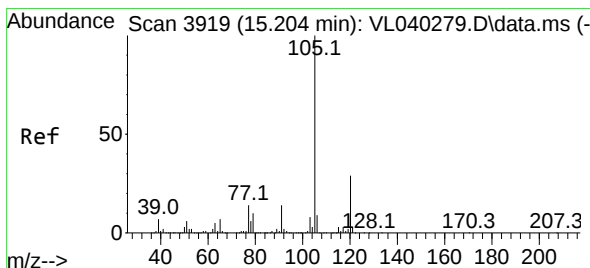
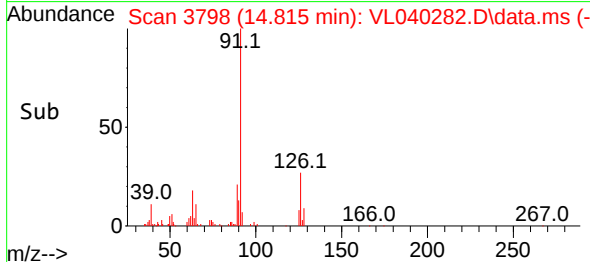
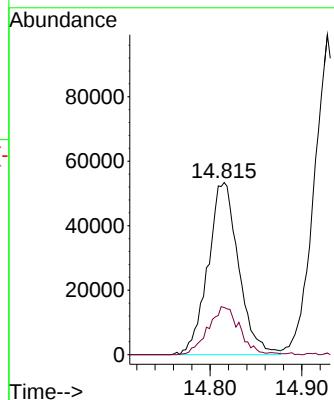
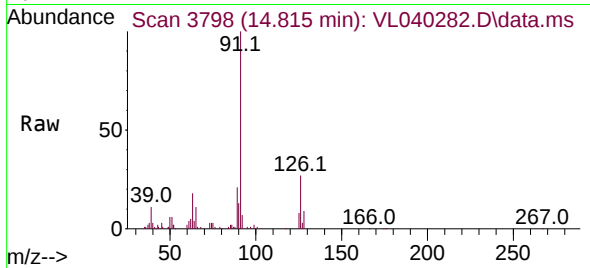
#71
2-Chlorotoluene
Concen: 0.422 ppbv
RT: 14.815 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 123740
Ion Ratio Lower Upper
91 100
126 29.1 12.0 48.2

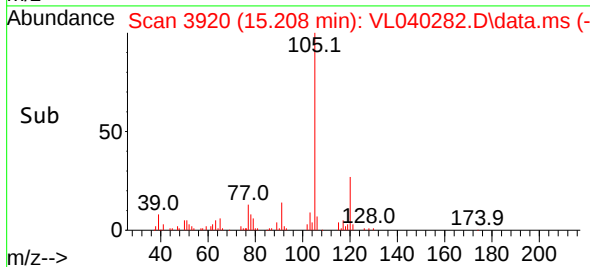
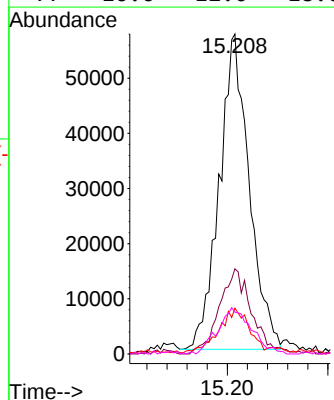
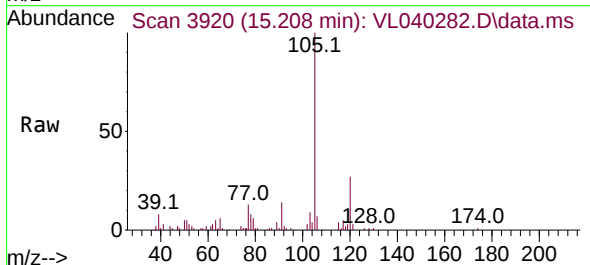
Manual Integrations
APPROVED

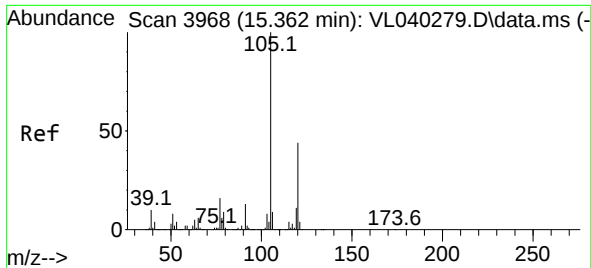
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#72
4-Ethyltoluene
Concen: 0.400 ppbv
RT: 15.208 min Scan# 3920
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion:105 Resp: 118145
Ion Ratio Lower Upper
105 100
120 29.4 23.2 34.8
91 15.1 11.3 16.9
77 16.6 12.0 18.0





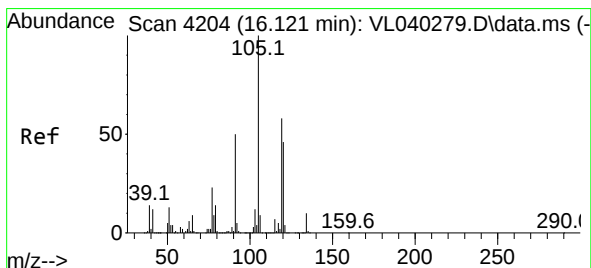
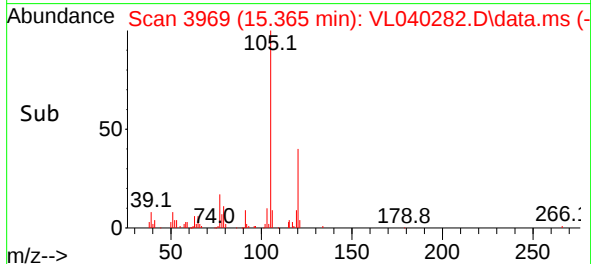
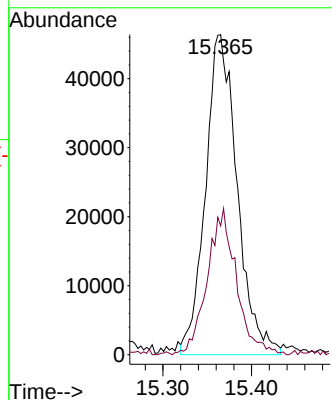
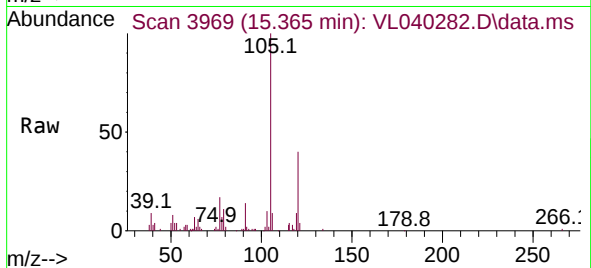
#73
1,3,5-Trimethylbenzene
Concen: 0.420 ppbv m
RT: 15.365 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:105 Resp: 115264
Ion Ratio Lower Upper
105 100
120 40.2 36.8 55.2

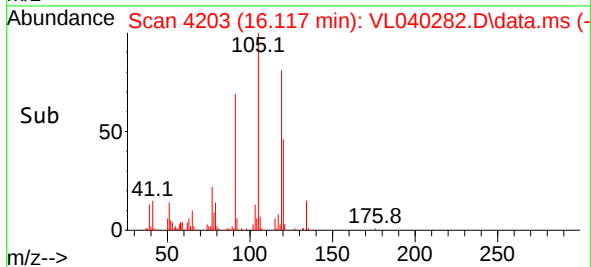
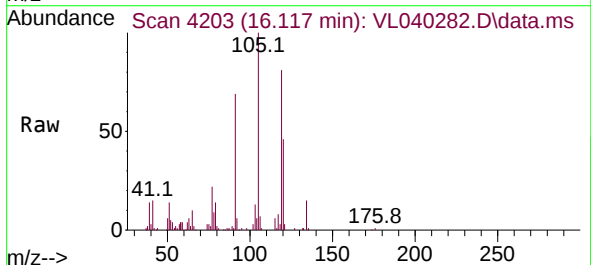
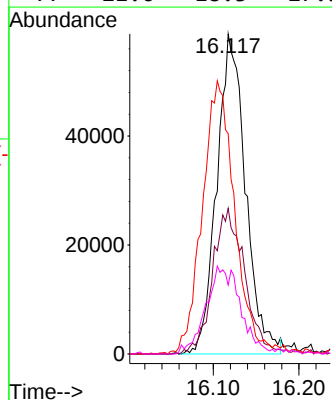
Manual Integrations
APPROVED

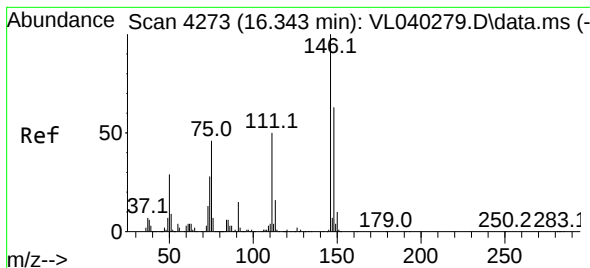
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#74
1,2,4-Trimethylbenzene
Concen: 0.453 ppbv m
RT: 16.117 min Scan# 4203
Delta R.T. 0.000 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion:105 Resp: 136747
Ion Ratio Lower Upper
105 100
120 45.5 37.9 56.9
91 68.8 43.7 65.5#
77 21.6 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 0.466 ppbv m

RT: 16.349 min Scan# 4318

Delta R.T. 0.010 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

Instrument :

MSVOA_L

ClientSampleId :

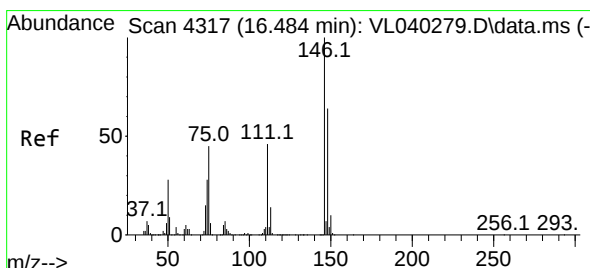
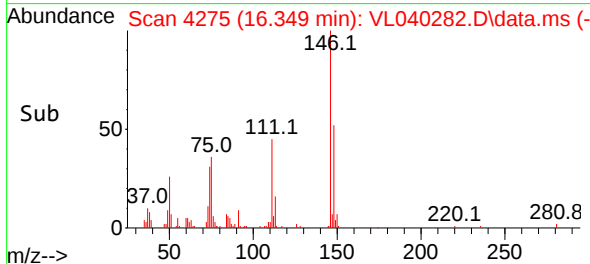
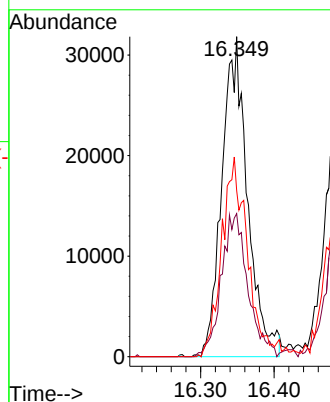
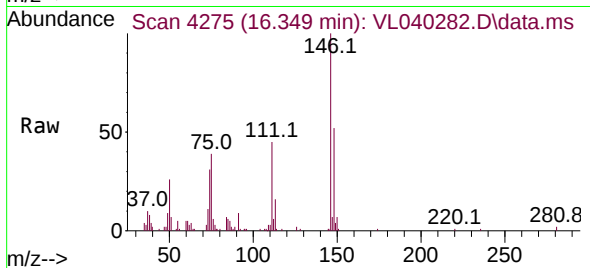
VSTDIC0.5

Tgt Ion:	146	Resp:	7692
Ion Ratio	Lower	Upper	
146	100		
111	0.0	23.9	71.8
148	0.0	32.1	96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#76

1,4-Dichlorobenzene

Concen: 0.440 ppbv m

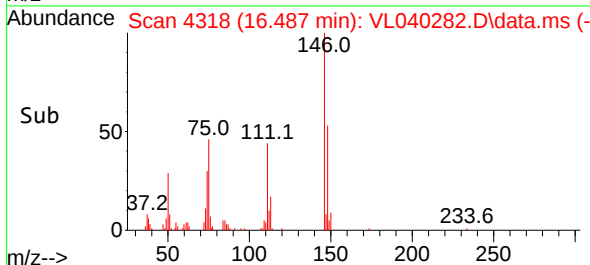
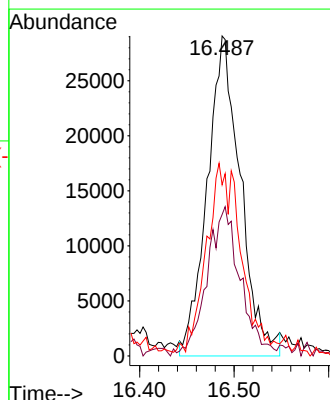
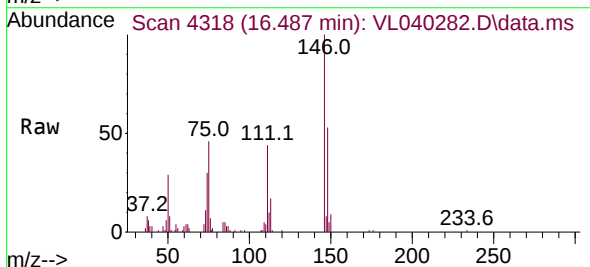
RT: 16.487 min Scan# 4318

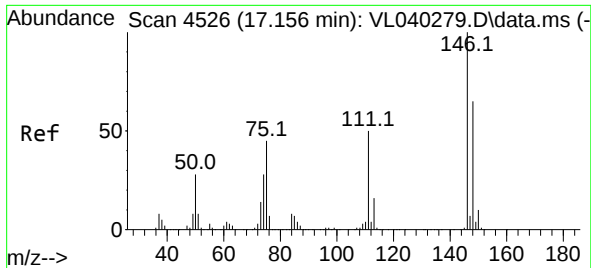
Delta R.T. 0.003 min

Lab File: VL040282.D

Acq: 15 Mar 2023 13:30

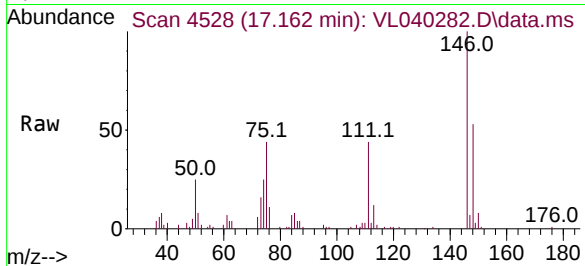
Tgt Ion:	146	Resp:	71142
Ion Ratio	Lower	Upper	
146	100		
111	46.6	23.5	70.5
148	67.8	32.5	97.4





#77
1,2-Dichlorobenzene
Concen: 0.464 ppbv m
RT: 17.162 min Scan# 4526
Delta R.T. 0.010 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

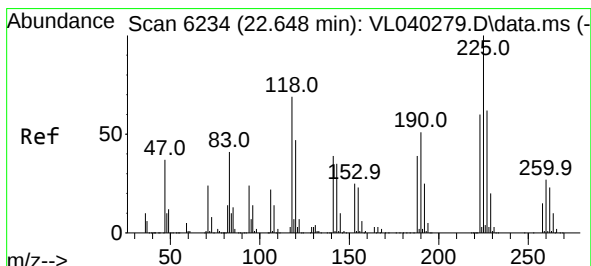
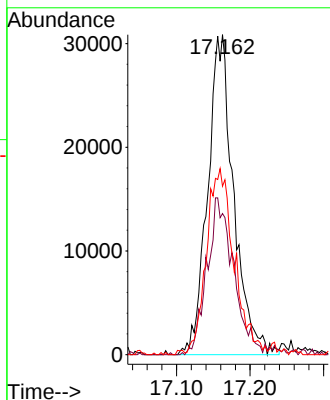
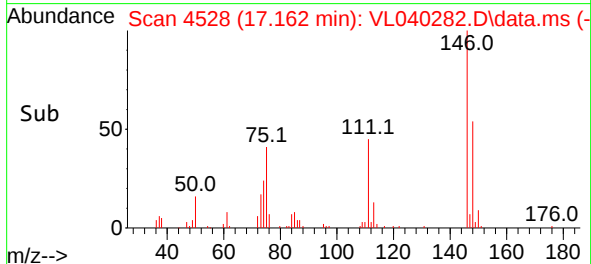
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



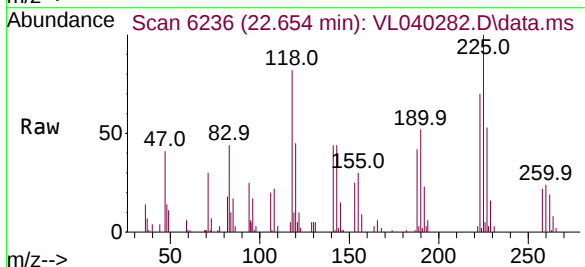
Tgt Ion:146 Resp: 76199
Ion Ratio Lower Upper
146 100
111 49.9 25.3 75.8
148 0.0 32.0 96.2

Manual Integrations
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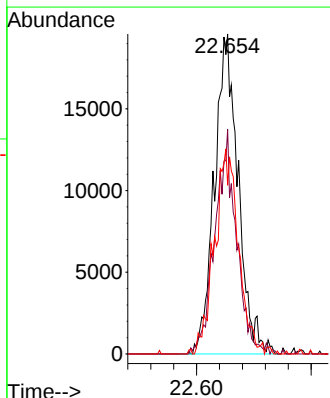
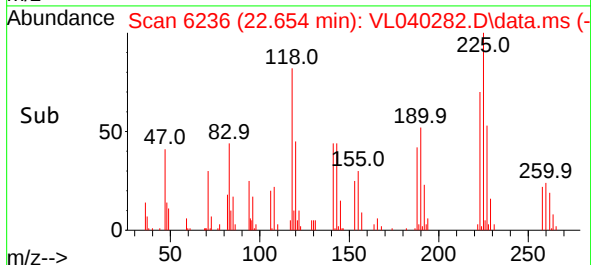
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023

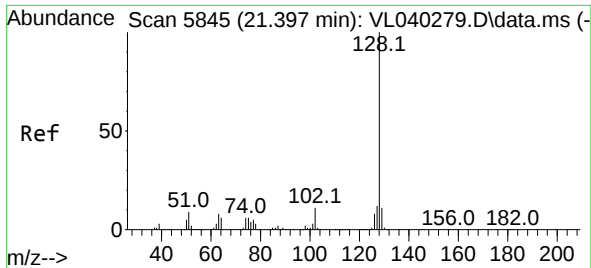


#78
Hexachloro-1,3-Butadiene
Concen: 0.496 ppbv m
RT: 22.654 min Scan# 6236
Delta R.T. 0.010 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30



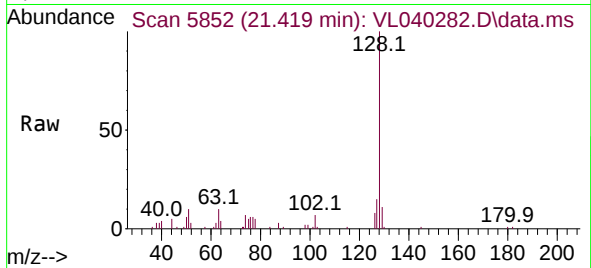
Tgt Ion:225 Resp: 55852
Ion Ratio Lower Upper
225 100
223 64.2 51.0 76.6
227 65.3 51.2 76.8





#79
Naphthalene
Concen: 0.390 ppbv m
RT: 21.419 min Scan# 5852
Delta R.T. 0.023 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

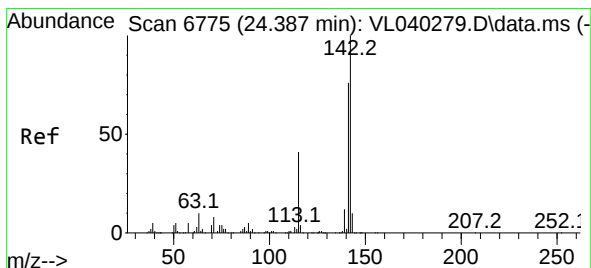
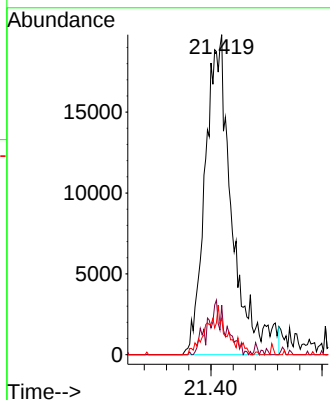
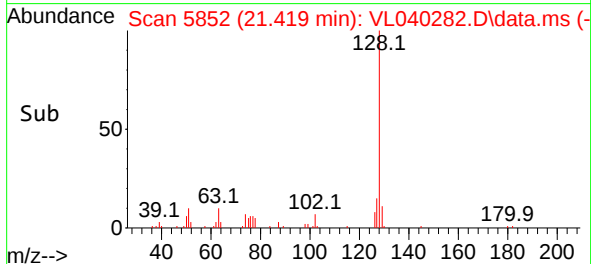
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:128 Resp: 6614
Ion Ratio Lower Upper
128 100
127 15.5 10.2 15.4#
129 11.4 9.4 14.0#

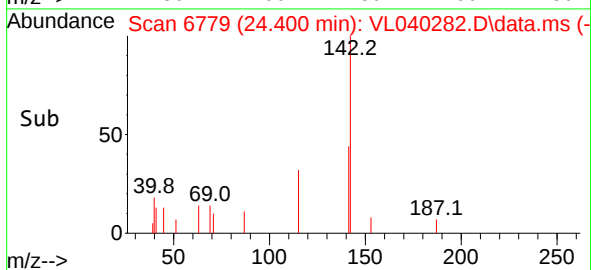
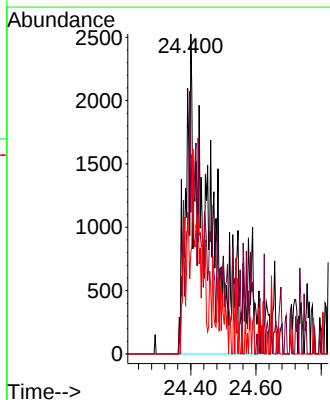
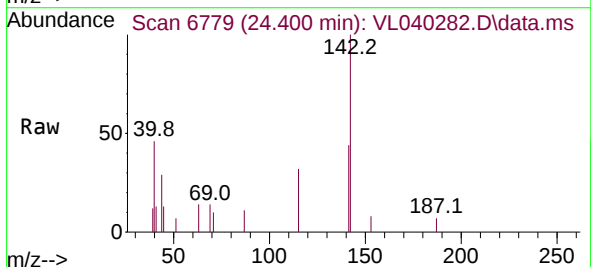
Manual Integrations
APPROVED

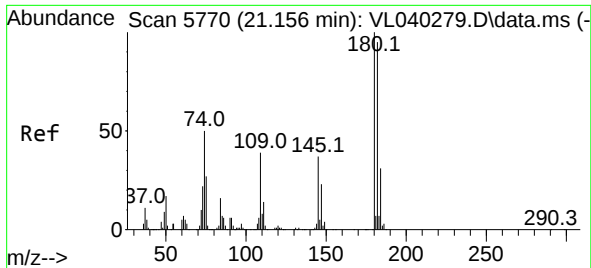
Reviewed By :Semsettin Yesilyurt 03/16/2023
Supervised By :Mahesh Dadoda 03/16/2023



#80
Naphthalene,2-methyl-
Concen: 0.275 ppbv m
RT: 24.400 min Scan# 6779
Delta R.T. 0.016 min
Lab File: VL040282.D
Acq: 15 Mar 2023 13:30

Tgt Ion:142 Resp: 13238
Ion Ratio Lower Upper
142 100
141 47.6 67.3 100.9#
115 29.5 36.5 54.7#





#81

1,2,4-Trichlorobenzene

Concen: 0.397 ppbv m

RT: 21.165 min Scan# 51

Delta R.T. 0.016 min

Lab File: VL040282.D

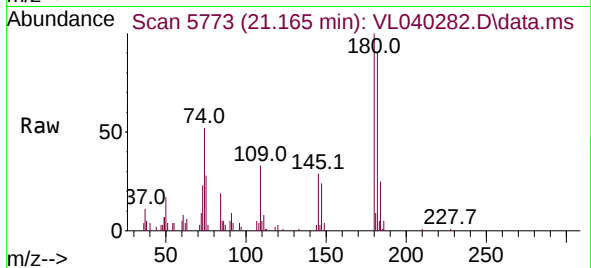
Acq: 15 Mar 2023 13:30

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5



Tgt Ion:180 Resp: 4214

Ion Ratio Lower Upper

180 100

182 96.4 79.0 118.6

184 29.3 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/16/2023

Supervised By :Mahesh Dadoda 03/16/2023

