

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
 Data File : VL041300.D
 Acq On : 4 Jun 2024 10:31
 Operator : SY/MD
 Sample : VSTDICC001
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/05/2024
 Supervised By : Mahesh Dadoda 06/05/2024

Quant Time: Jun 04 11:38:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Tue Jun 04 11:34:39 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	964499	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2630717	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2507402	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1934504 10.219 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	176129	1.350	ppbv	96
3) Chlorodifluoromethane	2.700	51	167563	1.144	ppbv	98
4) Chloromethane	2.835	50	62065	1.080	ppbv	91
5) Vinyl Chloride	2.944	62	62312	1.079	ppbv	95
6) Bromomethane	3.140	94	20769	0.986	ppbv	89
7) Chloroethane	3.218	64	19964	0.979	ppbv	97
8) Dichlorotetrafluoroethane	2.880	85	151226	1.120	ppbv	94
9) Propene	2.719	41	56235	0.981	ppbv	92
10) Heptane	7.581	43	138657	0.998	ppbv	98
11) Trichlorofluoromethane	3.581	101	157148	1.185	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.083	101	110547m	1.127	ppbv	
13) Ethanol	3.269	45	17525m	1.364	ppbv	
14) Bromoethene	3.385	108	41391	1.023	ppbv	89
15) Acetone	3.497	43	118050	1.037	ppbv	96
16) 1,3-Butadiene	3.009	39	55101	0.959	ppbv	84
17) tert-Butyl alcohol	3.896	59	114519	0.933	ppbv	99
18) 1,1-Dichloroethene	3.896	96	45094	1.031	ppbv	91
19) Isopropyl Alcohol	3.603	45	76014	1.018	ppbv #	91
20) Methylene Chloride	3.951	84	41816	1.056	ppbv	97
21) Allyl Chloride	4.012	41	71099	0.958	ppbv	88
22) trans-1,2-Dichloroethene	4.456	96	44432	0.977	ppbv	96
23) Vinyl Acetate	4.639	43	110183	0.879	ppbv #	96
24) 1,1-Dichloroethane	4.574	63	104995	1.077	ppbv	98
25) Ethyl Acetate	5.218	43	236179	1.040	ppbv	98
26) Hexane	5.218	57	106392	1.049	ppbv	97
27) Carbon Disulfide	4.140	76	110863	0.924	ppbv	95
28) Methyl tert-Butyl Ether	4.603	73	80196	0.993	ppbv	98
29) Chloroform	5.282	83	166354	1.189	ppbv	92
30) Cyclohexane	6.607	84	81809	1.019	ppbv	91
31) cis-1,2-Dichloroethene	5.086	61	95638	1.008	ppbv	92
32) 1,1,1-Trichloroethane	6.005	97	157049	1.125	ppbv	99
34) 2-Butanone	4.806	43	126532	0.945	ppbv	96
35) Carbon Tetrachloride	6.497	117	152634	1.034	ppbv	88
36) Benzene	6.375	78	208963	0.947	ppbv	96
37) 1,2-Dichloroethane	5.816	62	117672	1.022	ppbv	99
38) Trichloroethene	7.295	130	80606	0.980	ppbv	93
39) 1,2-Dichloropropane	7.073	63	86416m	1.016	ppbv	
40) 1,4-Dioxane	7.311	88	32156m	1.058	ppbv	
41) Tetrahydrofuran	5.578	42	79388	0.819	ppbv	92
42) Bromodichloromethane	7.250	83	172514	1.044	ppbv	97
43) Methyl Methacrylate	7.478	69	75140	0.842	ppbv	88
44) 2,2,4-Trimethylpentane	7.327	57	373210	0.980	ppbv	98
45) t-1,3-Dichloropropene	8.709	75	45555	0.704	ppbv	95

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

Quant Time: Jun 04 11:38:06 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Tue Jun 04 11:34:39 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.143	75	65441m	0.826	ppbv	
47) 1,1,2-Trichloroethane	8.896	97	85775	1.007	ppbv	93
48) Dibromochloromethane	9.709	129	139926	1.031	ppbv	99
49) Bromoform	12.401	173	108070	0.936	ppbv	98
50) 4-Methyl-2-Pentanone	8.192	43	214494	0.893	ppbv	98
51) 2-Hexanone	9.558	43	146506	0.822	ppbv #	99
52) Tetrachloroethene	10.610	164	76565	0.987	ppbv	92
53) Toluene	9.217	91	240375	0.939	ppbv	100
54) 1,2-Dibromoethane	10.005	107	116724	1.012	ppbv	95
56) 1,1,1,2-Tetrachloroethane	11.503	131	114489	1.126	ppbv #	1
57) Chlorobenzene	11.520	112	205567	1.119	ppbv	98
58) Ethyl Benzene	12.082	91	336367	0.978	ppbv	98
59) m/p-Xylene	12.362	91	585266m	2.025	ppbv	
60) o-Xylene	13.053	91	283556m	1.047	ppbv	
61) Styrene	12.892	104	126815	0.886	ppbv	99
62) Isopropylbenzene	14.024	105	426047	1.052	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.037	83	203978m	1.105	ppbv	
64) n-propylbenzene	14.915	120	107181m	1.060	ppbv	
65) tert-Butylbenzene	16.085	119	383062	1.056	ppbv	98
66) Benzyl Chloride	16.330	91	19643m	0.478	ppbv	
67) sec-Butylbenzene	16.632	105	542266	1.062	ppbv	98
69) p-Isopropyltoluene	16.986	119	451420	1.072	ppbv	99
70) n-Butylbenzene	17.876	91	454514	1.034	ppbv	99
71) 2-Chlorotoluene	14.790	91	323178	1.048	ppbv	99
72) 4-Ethyltoluene	15.188	105	312386	1.018	ppbv	98
73) 1,3,5-Trimethylbenzene	15.346	105	272731	0.982	ppbv	92
74) 1,2,4-Trimethylbenzene	16.095	105	326021	1.075	ppbv #	83
75) 1,3-Dichlorobenzene	16.323	146	185001	1.064	ppbv	97
76) 1,4-Dichlorobenzene	16.465	146	181212	1.084	ppbv	98
77) 1,2-Dichlorobenzene	17.133	146	181338	1.044	ppbv	94
78) Hexachloro-1,3-Butadiene	22.628	225	163168m	1.056	ppbv	
79) Naphthalene	21.381	128	269330	0.933	ppbv	98
80) Naphthalene,2-methyl-	24.368	142	62678	0.540	ppbv	89
81) 1,2,4-Trichlorobenzene	21.137	180	147494	0.968	ppbv #	100

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

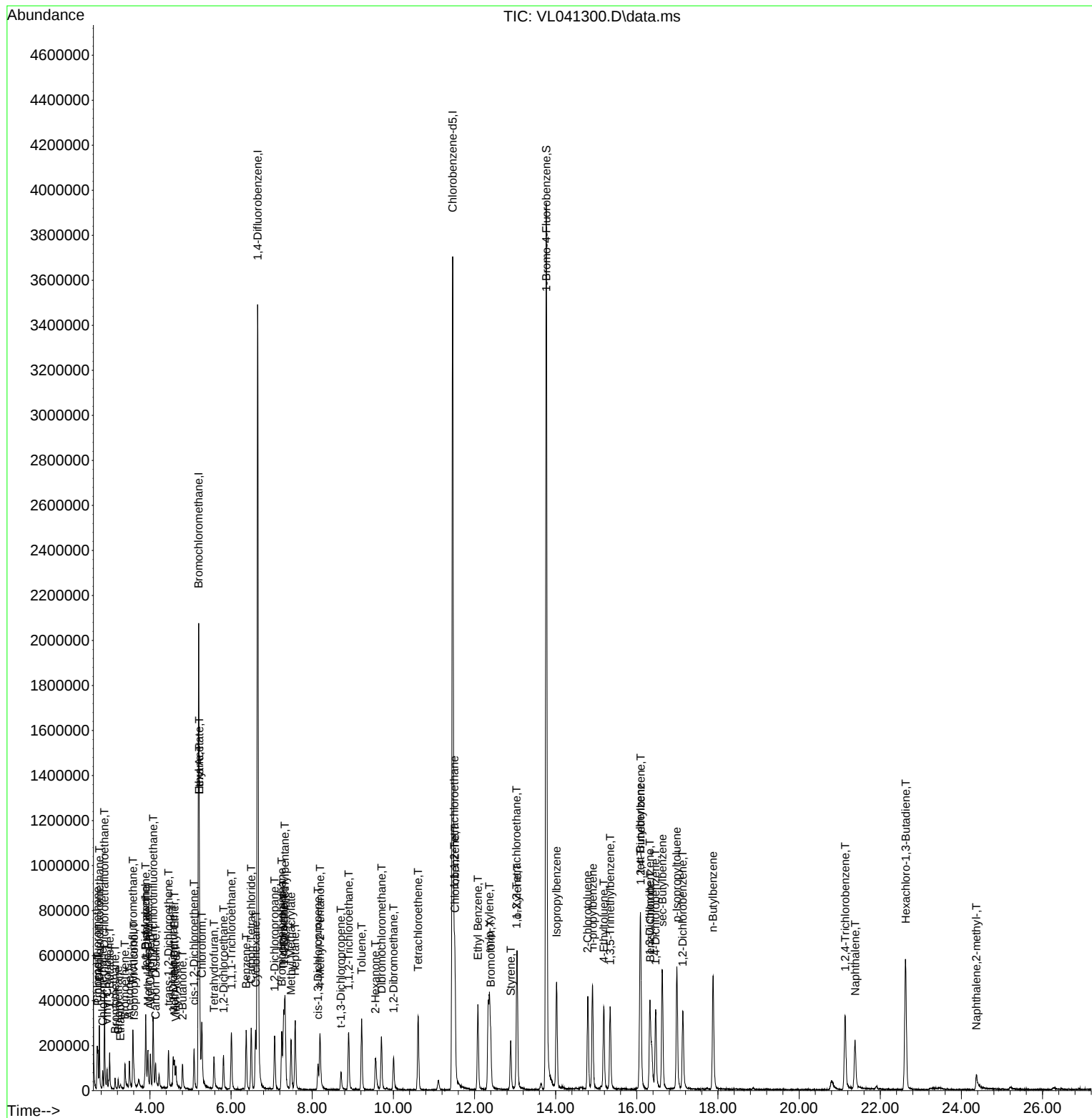
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060424\
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Operator : SY/MD
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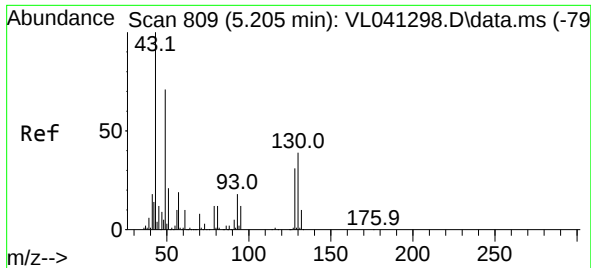
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

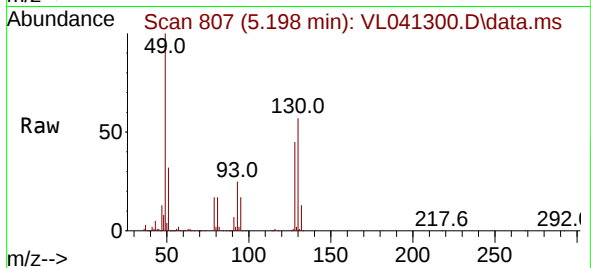
Quant Time: Jun 04 11:38:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Jun 04 11:34:39 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

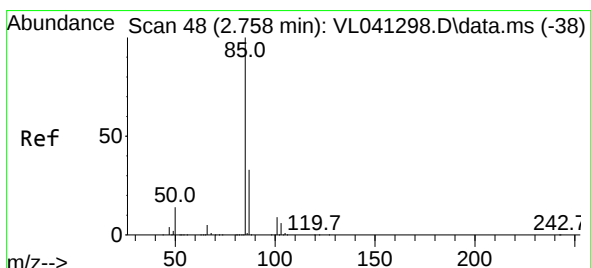
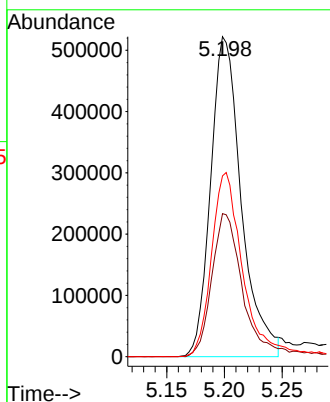
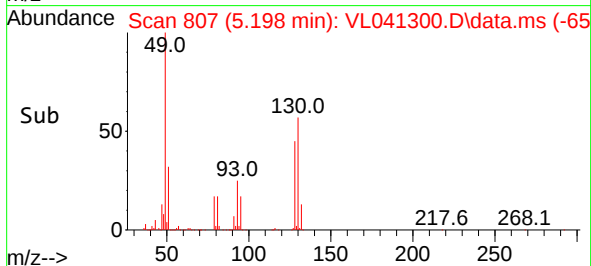
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



Tgt Ion: 49 Resp: 964499
Ion Ratio Lower Upper
49 100
128 47.0 22.8 68.3
130 61.2 28.4 85.3

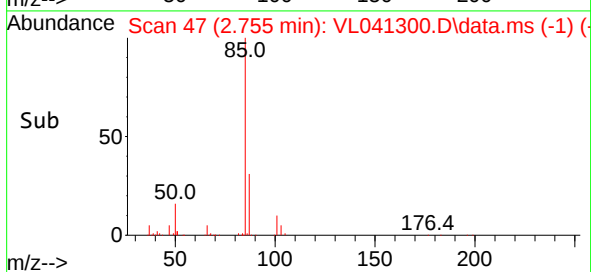
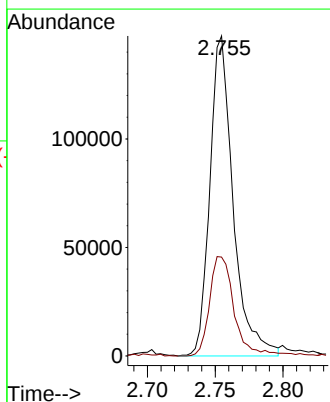
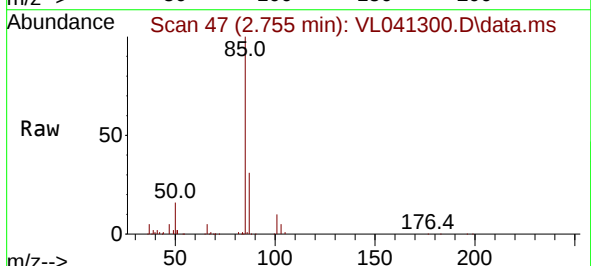
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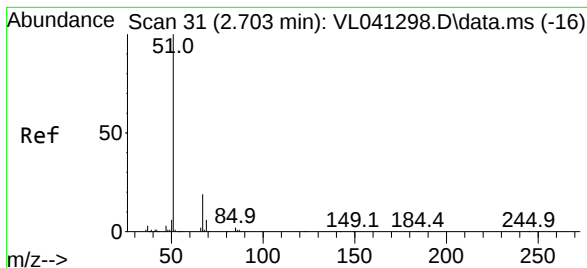
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#2
Dichlorodifluoromethane
Concen: 1.350 ppbv
RT: 2.755 min Scan# 47
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 85 Resp: 176129
Ion Ratio Lower Upper
85 100
87 30.9 26.5 39.7





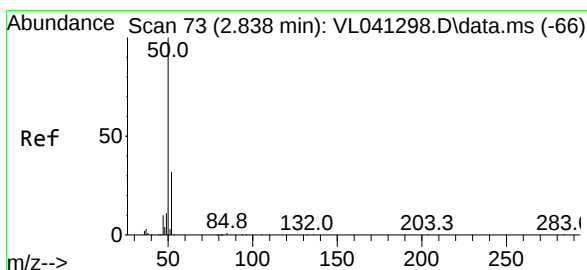
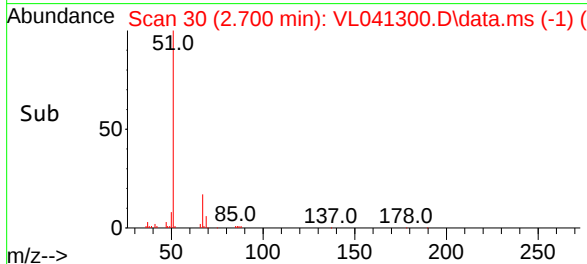
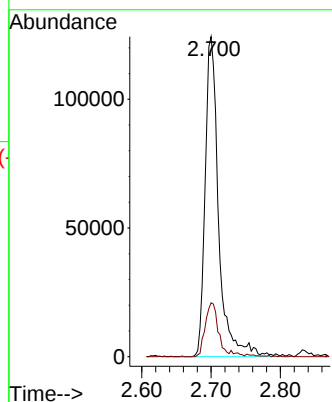
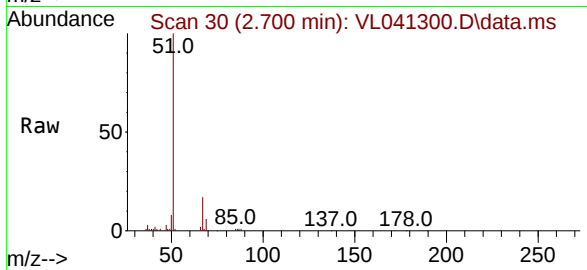
#3
Chlorodifluoromethane
Concen: 1.144 ppbv
RT: 2.700 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion: 51 Resp: 16756
Ion Ratio Lower Upper
51 100
67 17.6 14.7 22.1

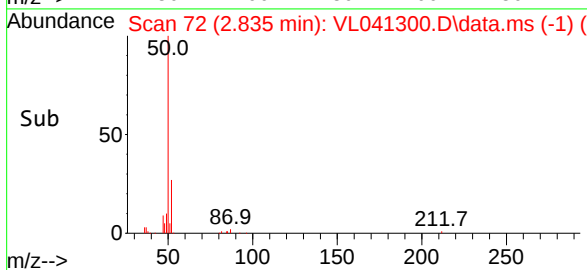
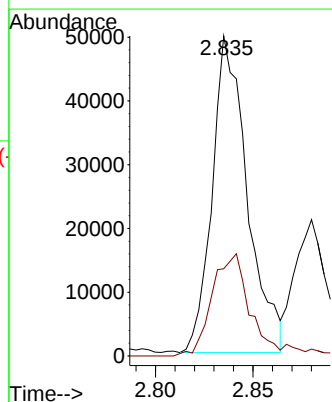
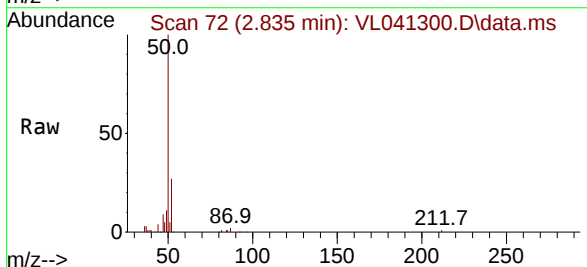
Manual Integrations
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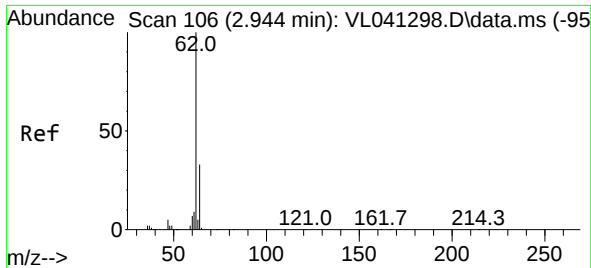
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#4
Chloromethane
Concen: 1.080 ppbv
RT: 2.835 min Scan# 72
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 50 Resp: 62065
Ion Ratio Lower Upper
50 100
52 26.8 25.6 38.4





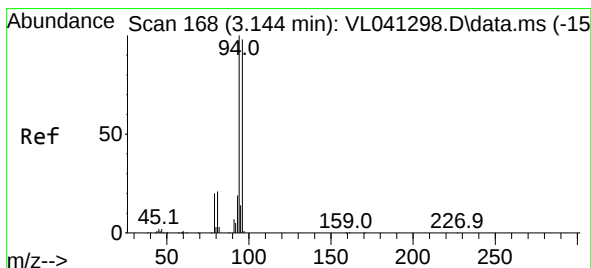
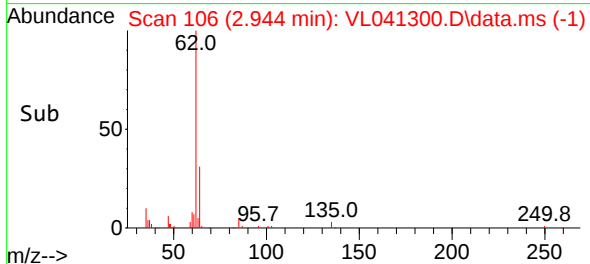
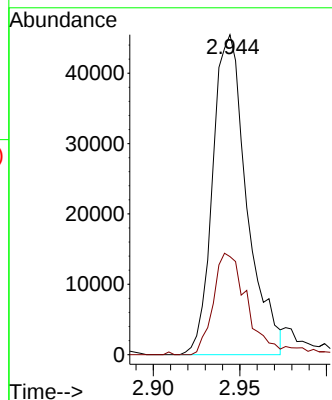
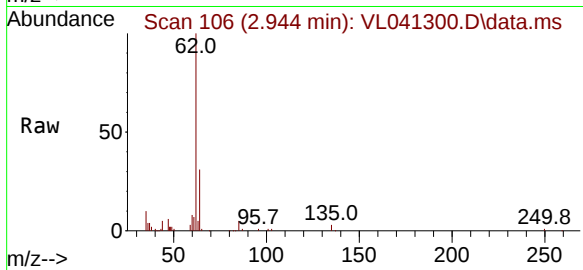
#5
 Vinyl Chloride
 Concen: 1.079 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.000 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001

Tgt Ion: 62 Resp: 62312
 Ion Ratio Lower Upper
 62 100
 64 30.6 26.6 40.0

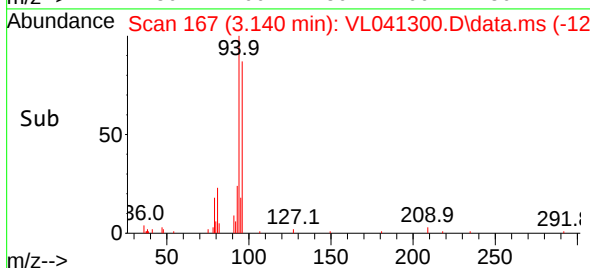
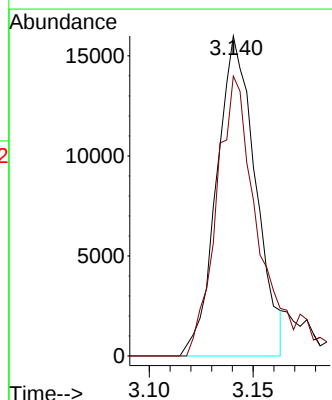
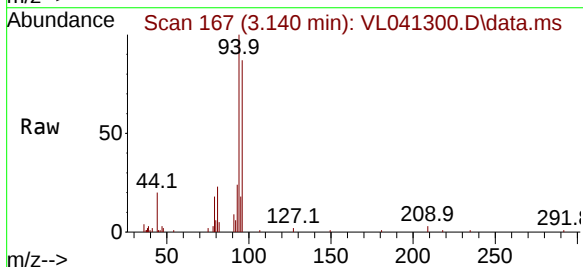
Manual Integrations
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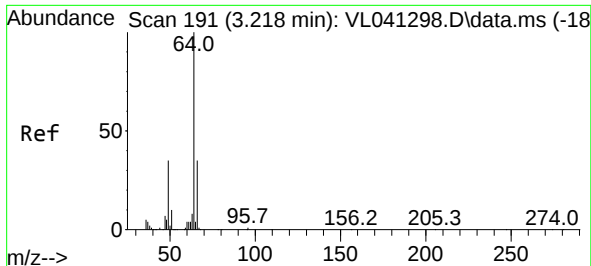
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#6
 Bromomethane
 Concen: 0.986 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. -0.003 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

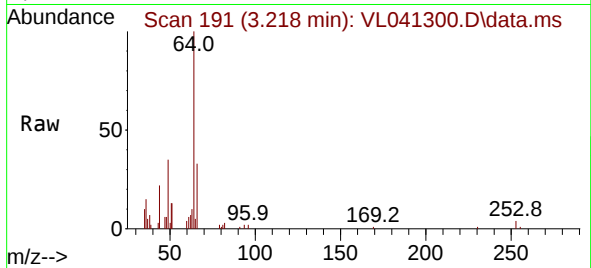
Tgt Ion: 94 Resp: 20769
 Ion Ratio Lower Upper
 94 100
 96 87.5 78.6 117.8





#7
Chloroethane
Concen: 0.979 ppbv
RT: 3.218 min Scan# 191
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

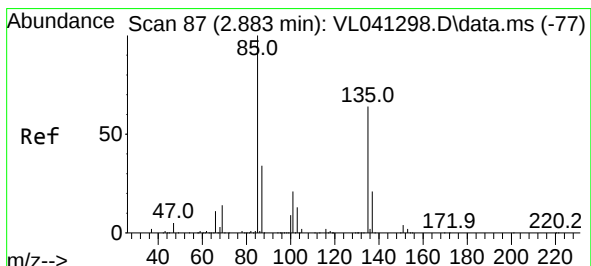
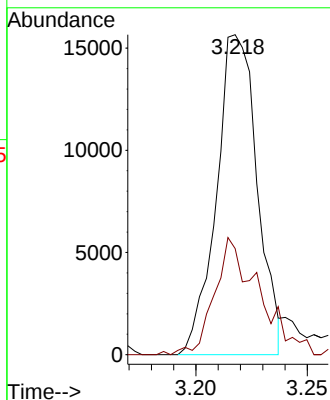
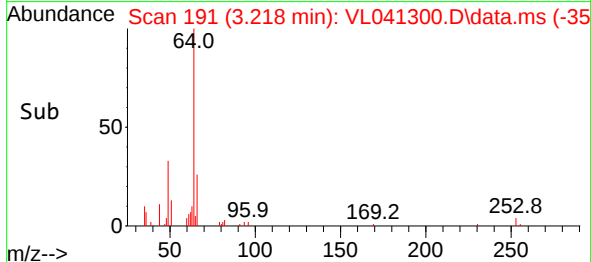
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 64 Resp: 19964
Ion Ratio Lower Upper
64 100
66 33.2 28.1 42.1

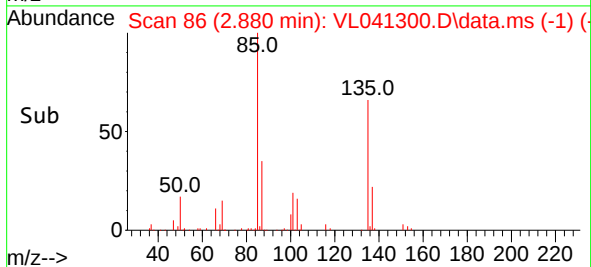
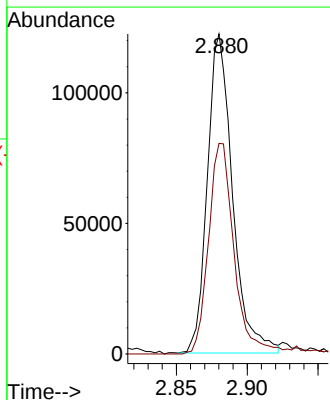
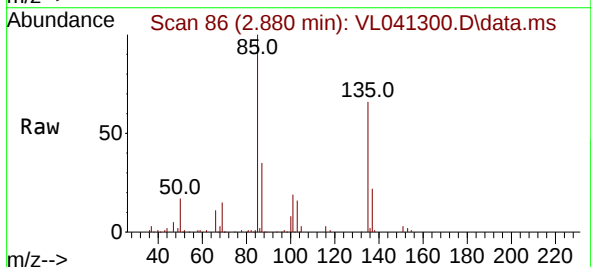
Manual Integrations
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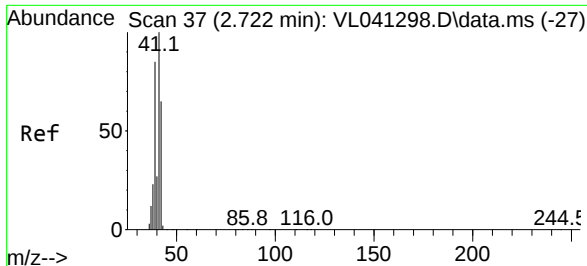
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#8
Dichlorotetrafluoroethane
Concen: 1.120 ppbv
RT: 2.880 min Scan# 86
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 85 Resp: 151226
Ion Ratio Lower Upper
85 100
135 69.0 51.7 77.5





#9

Propene

Concen: 0.981 ppbv

RT: 2.719 min Scan# 30

Delta R.T. -0.003 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 41 Resp: 5623

Ion Ratio Lower Upper

41 100

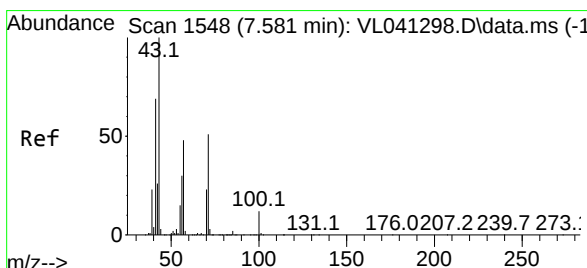
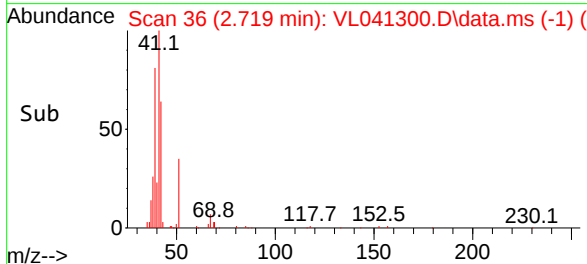
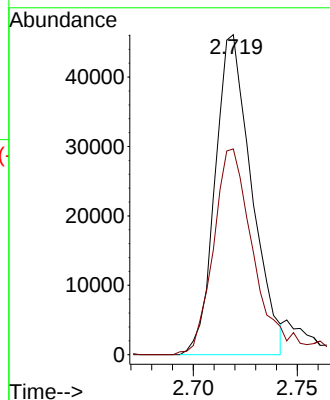
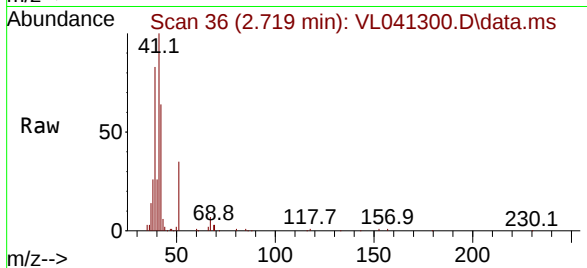
42 75.9 55.2 82.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#10

Heptane

Concen: 0.998 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. 0.000 min

Lab File: VL041300.D

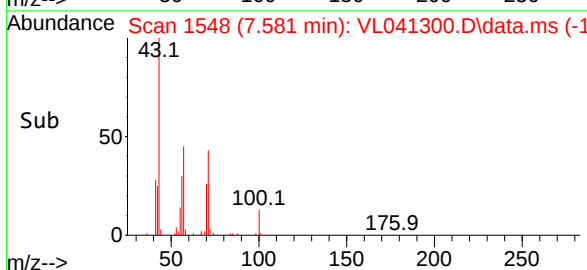
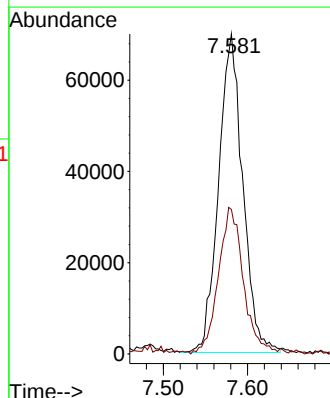
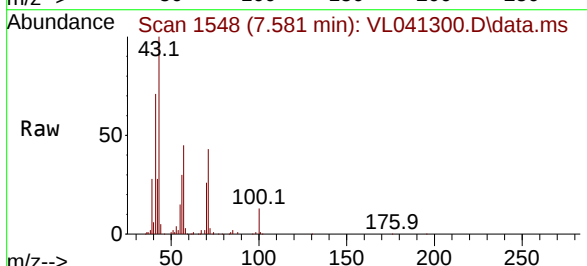
Acq: 4 Jun 2024 10:31

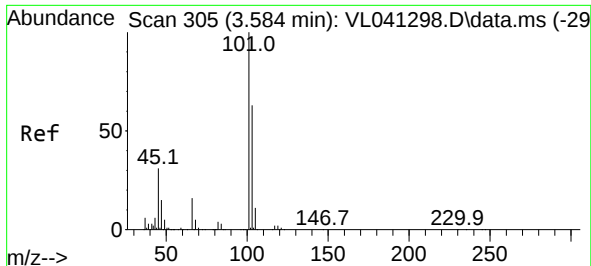
Tgt Ion: 43 Resp: 138657

Ion Ratio Lower Upper

43 100

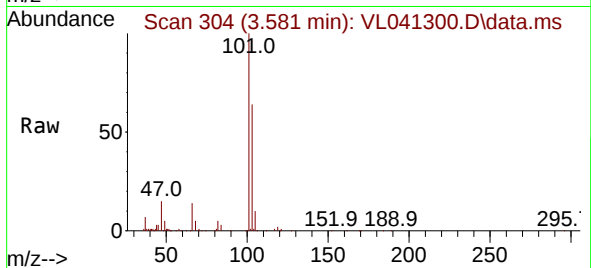
57 47.6 39.0 58.4





#11
Trichlorofluoromethane
Concen: 1.185 ppbv
RT: 3.581 min Scan# 305
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

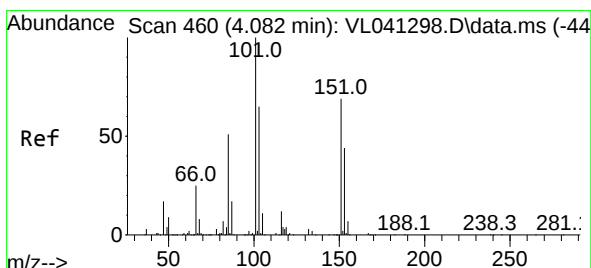
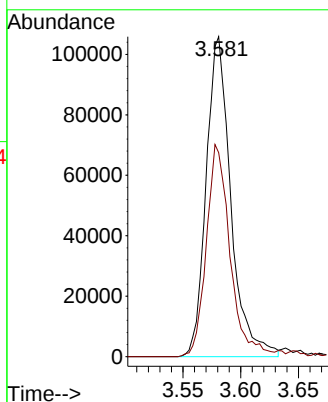
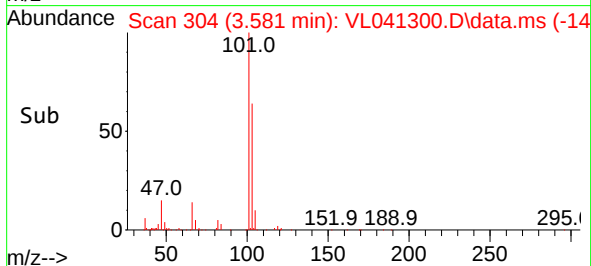
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



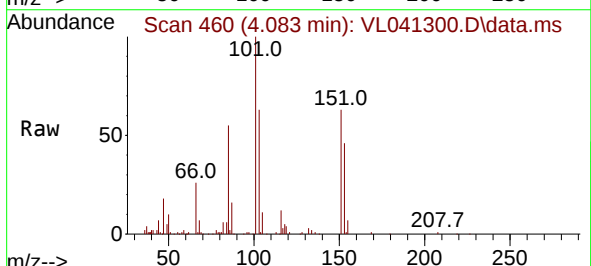
Tgt Ion:101 Resp: 157148
Ion Ratio Lower Upper
101 100
103 63.8 50.6 76.0

Manual Integrations
APPROVED

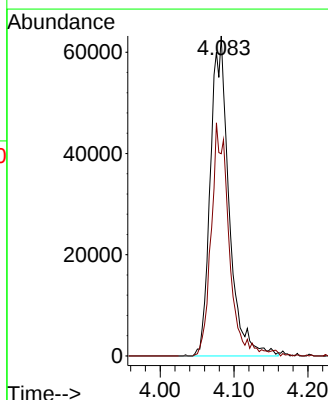
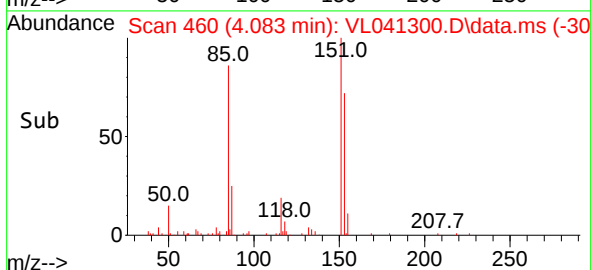
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

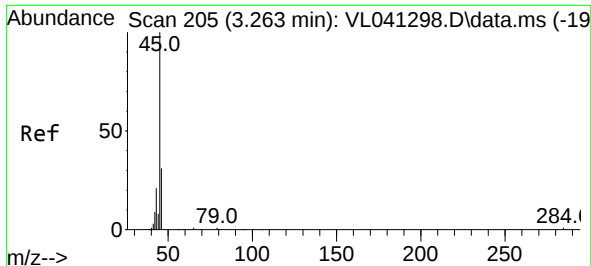


#12
1,1,2-Trichlorotrifluoroethane
Concen: 1.127 ppbv m
RT: 4.083 min Scan# 460
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



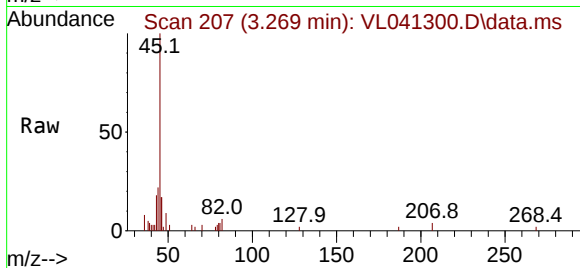
Tgt Ion:101 Resp: 110547
Ion Ratio Lower Upper
101 100
151 70.2 54.8 82.2





#13
Ethanol
Concen: 1.364 ppbv m
RT: 3.269 min Scan# 205
Delta R.T. 0.006 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

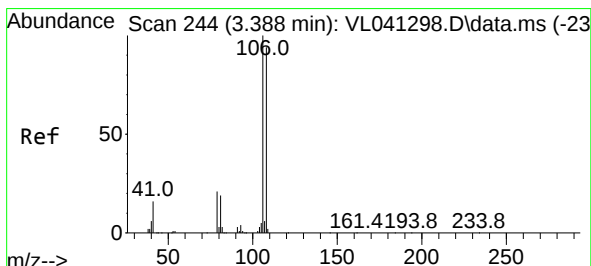
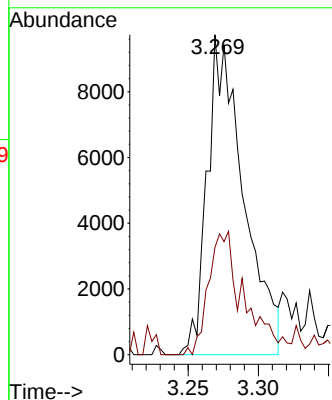
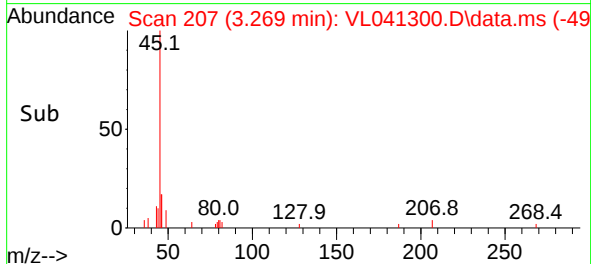
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



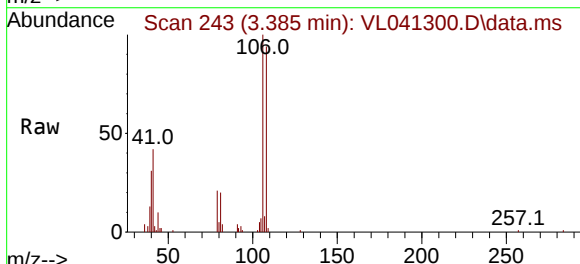
Tgt Ion: 45 Resp: 1752
Ion Ratio Lower Upper
45 100
46 43.9 14.2 56.6

Manual Integrations
APPROVED

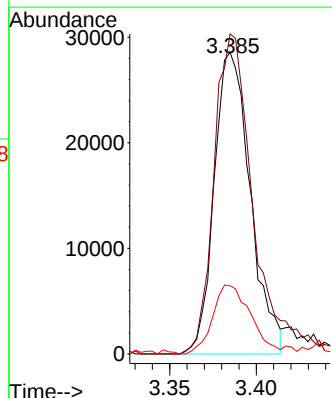
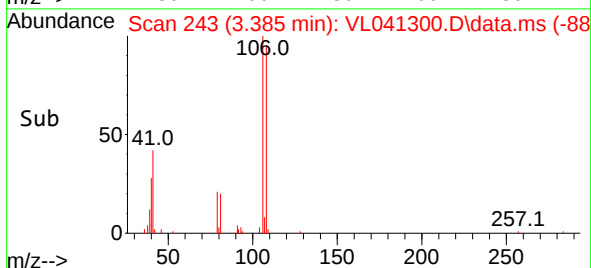
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

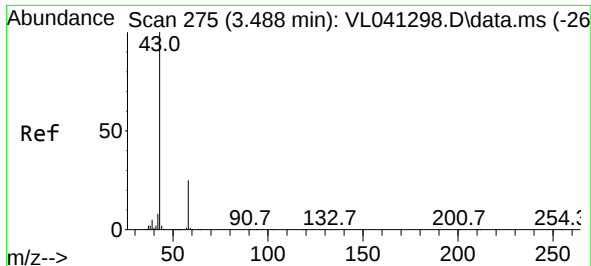


#14
Bromoethene
Concen: 1.023 ppbv
RT: 3.385 min Scan# 243
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



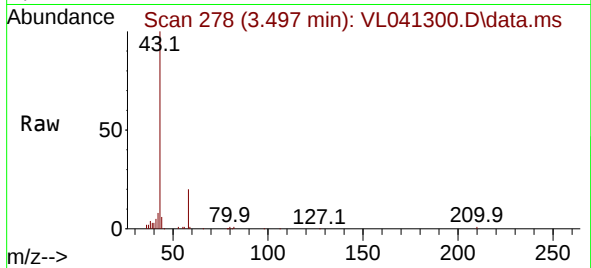
Tgt Ion:108 Resp: 41391
Ion Ratio Lower Upper
108 100
106 118.2 85.4 128.0
79 26.2 17.8 26.8





#15
Acetone
Concen: 1.037 ppbv
RT: 3.497 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

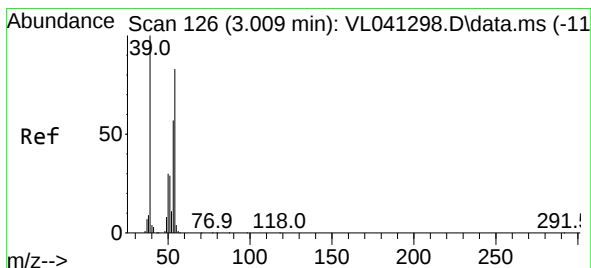
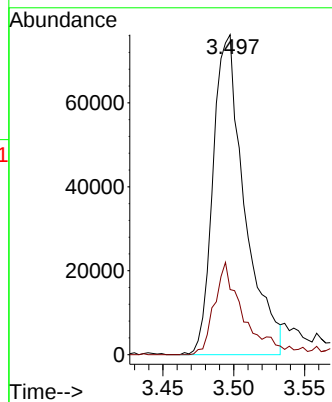
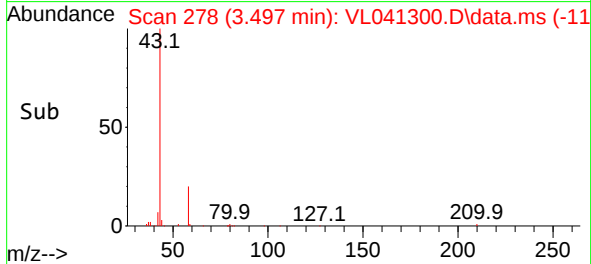
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 118050
Ion Ratio Lower Upper
43 100
58 27.6 20.6 31.0

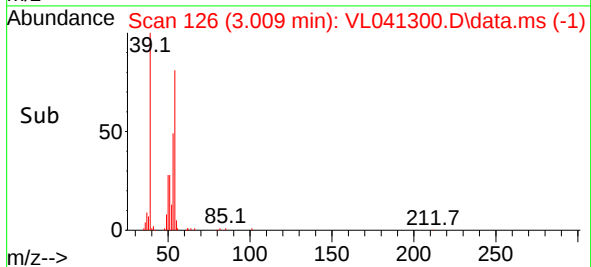
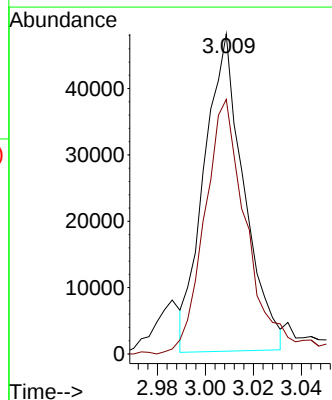
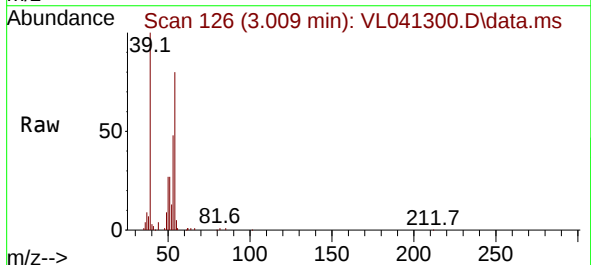
Manual Integrations
APPROVED

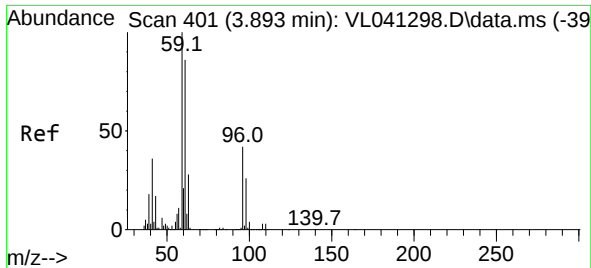
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#16
1,3-Butadiene
Concen: 0.959 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 39 Resp: 55101
Ion Ratio Lower Upper
39 100
54 89.5 60.5 90.7





#17

tert-Butyl alcohol

Concen: 0.933 ppbv

RT: 3.896 min Scan# 401

Delta R.T. 0.003 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion: 59 Resp: 114519

Ion Ratio Lower Upper

59 100

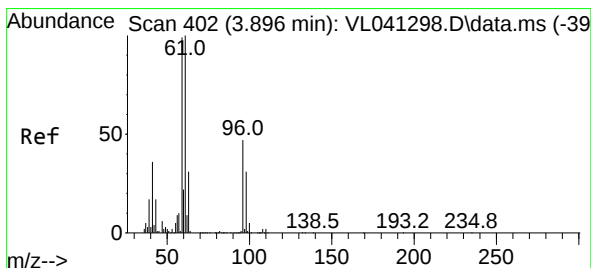
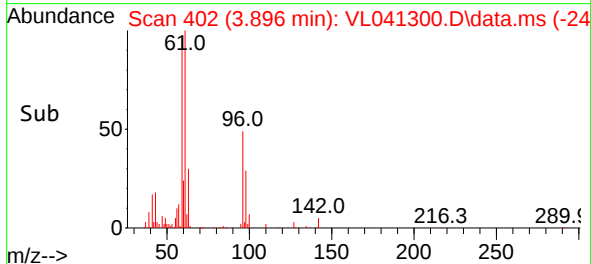
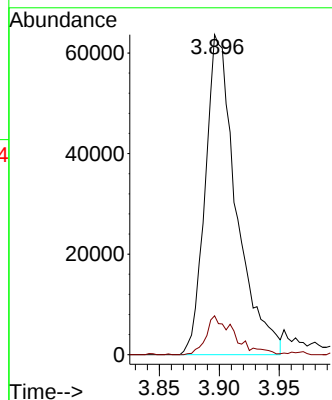
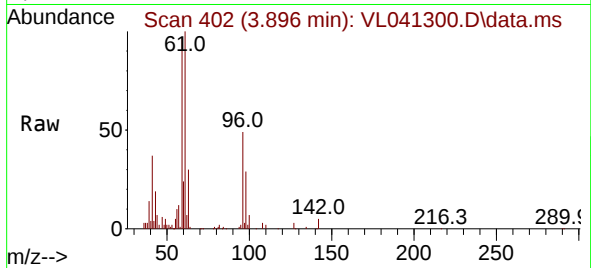
57 11.6 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#18

1,1-Dichloroethene

Concen: 1.031 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.000 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

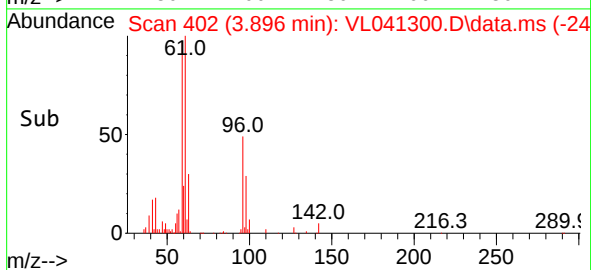
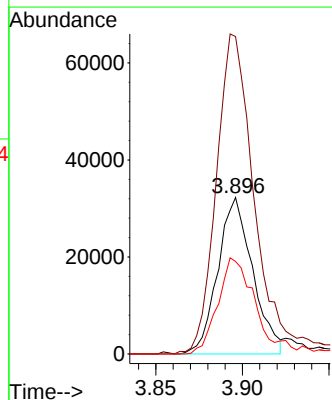
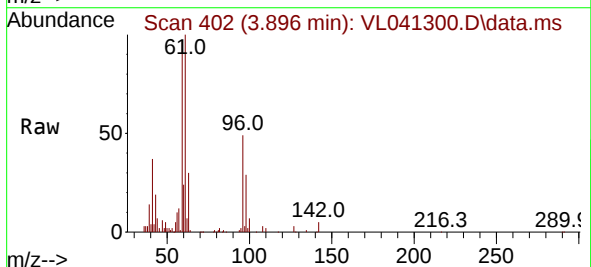
Tgt Ion: 96 Resp: 45094

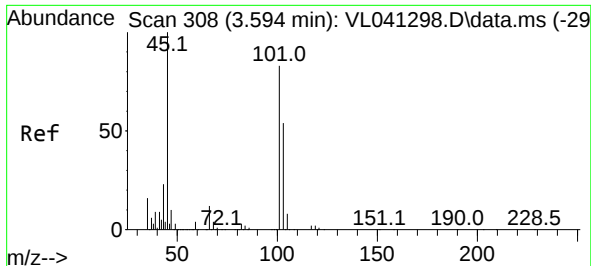
Ion Ratio Lower Upper

96 100

61 201.1 171.8 257.8

98 59.1 53.1 79.7





#19

Isopropyl Alcohol

Concen: 1.018 ppbv

RT: 3.603 min Scan# 311

Delta R.T. 0.010 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 45 Resp: 76014

Ion Ratio Lower Upper

45 100

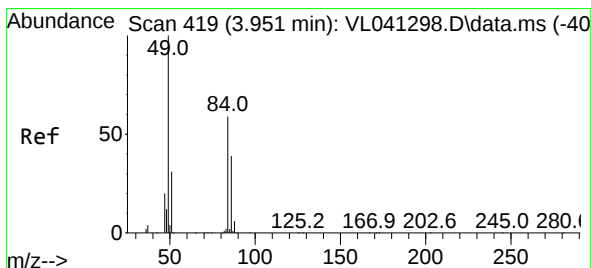
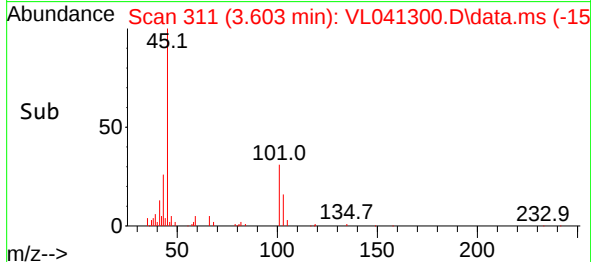
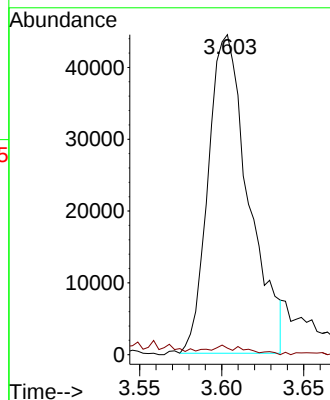
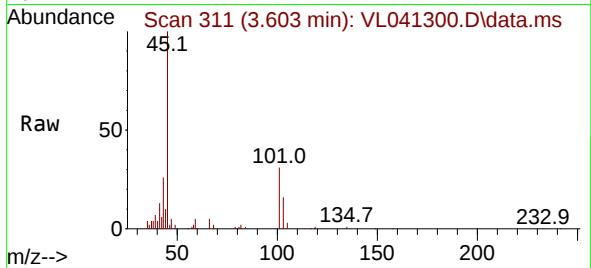
58 5.0 1.4 2.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#20

Methylene Chloride

Concen: 1.056 ppbv

RT: 3.951 min Scan# 419

Delta R.T. 0.000 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Tgt Ion: 84 Resp: 41816

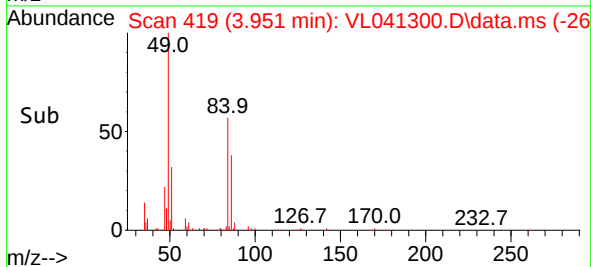
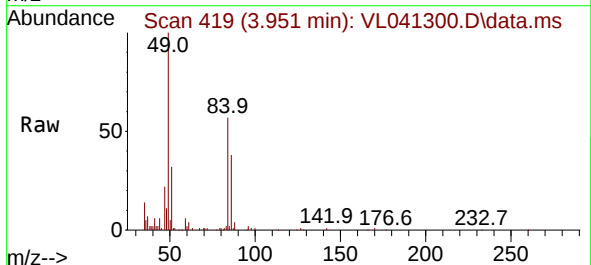
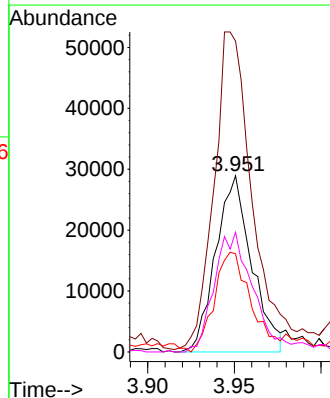
Ion Ratio Lower Upper

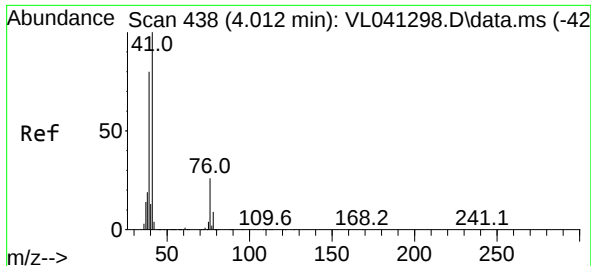
84 100

49 174.2 136.2 204.2

51 53.7 41.9 62.9

86 67.9 52.6 78.8





#21

Allyl Chloride

Concen: 0.958 ppbv

RT: 4.012 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

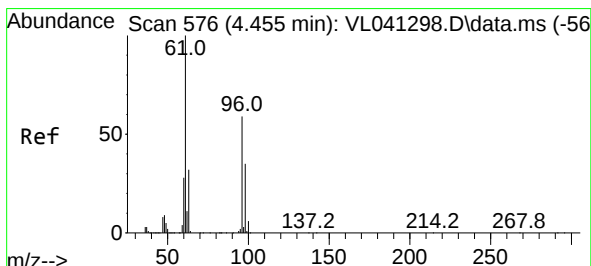
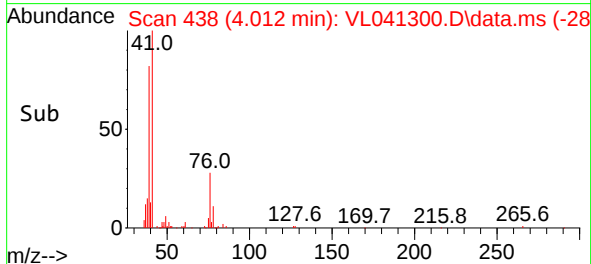
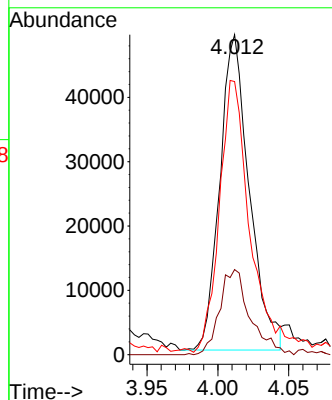
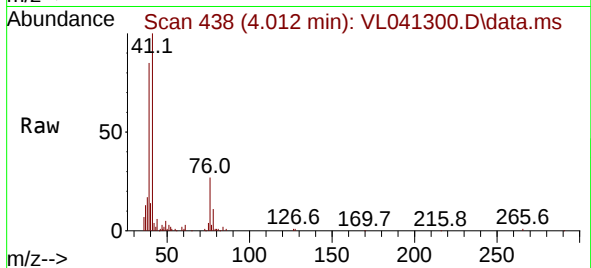
VSTDICC001

Tgt Ion: 41	Resp: 71099
Ion Ratio	Lower Upper
41	100
76	28.8 22.3 33.5
39	96.6 66.3 99.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#22

trans-1,2-Dichloroethene

Concen: 0.977 ppbv

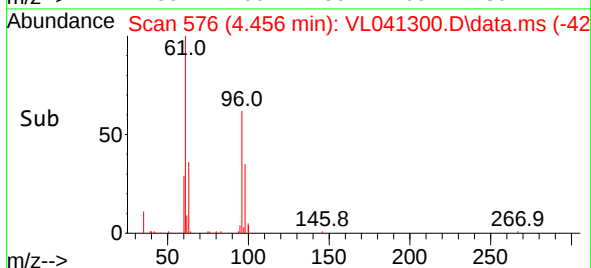
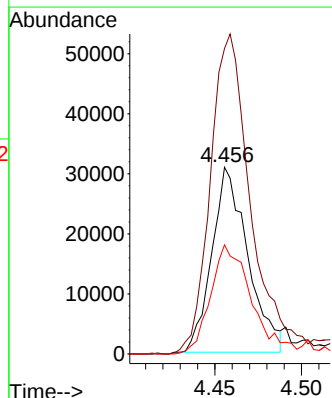
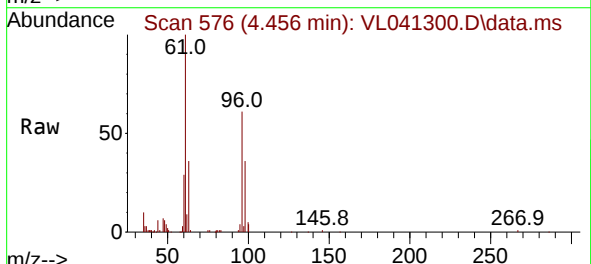
RT: 4.456 min Scan# 576

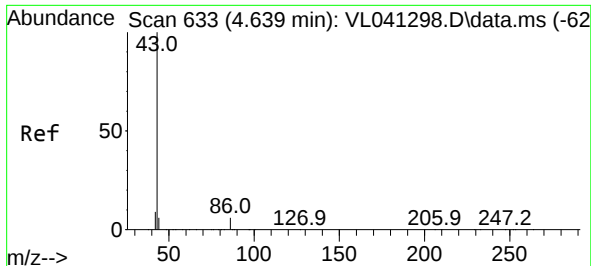
Delta R.T. 0.000 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

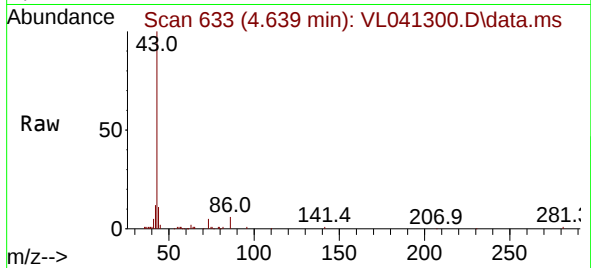
Tgt Ion: 96	Resp: 44432
Ion Ratio	Lower Upper
96	100
61	162.8 135.5 203.3
98	58.5 47.6 71.4





#23
 Vinyl Acetate
 Concen: 0.879 ppbv
 RT: 4.639 min Scan# 613
 Delta R.T. 0.000 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

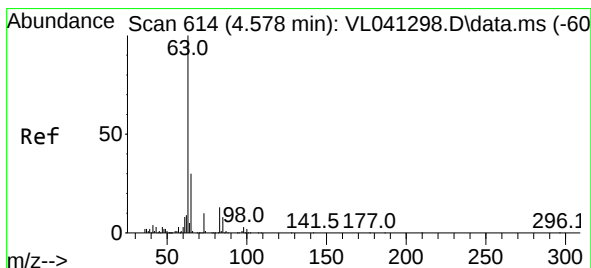
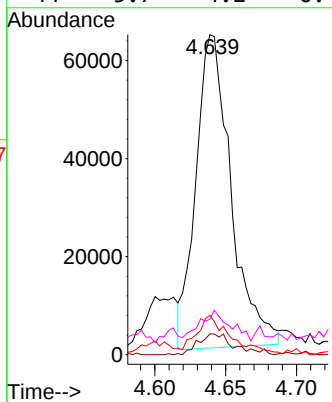
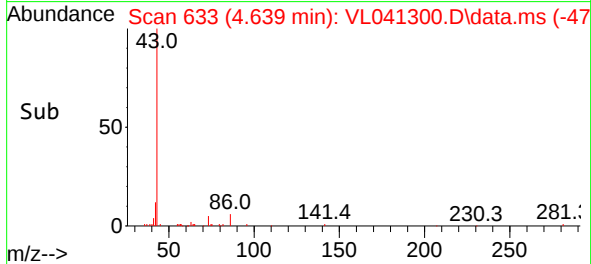
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



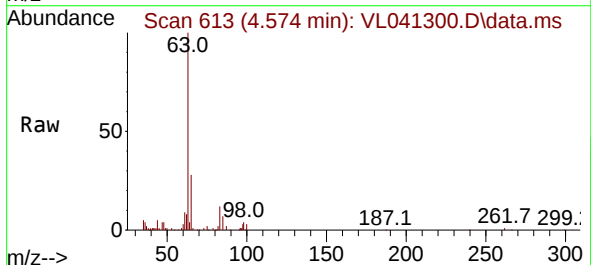
Tgt Ion: 43 Resp: 11018
 Ion Ratio Lower Upper
 43 100
 86 6.8 4.7 7.1
 42 12.4 8.0 12.0
 44 5.7 4.2 6.4

Manual Integrations
 APPROVED

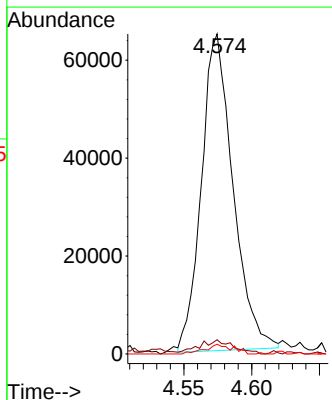
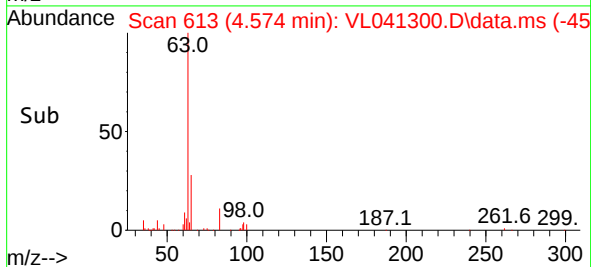
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

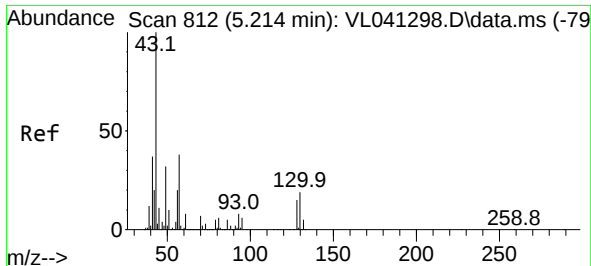


#24
 1,1-Dichloroethane
 Concen: 1.077 ppbv
 RT: 4.574 min Scan# 613
 Delta R.T. -0.003 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31



Tgt Ion: 63 Resp: 104995
 Ion Ratio Lower Upper
 63 100
 98 4.2 1.9 5.7
 100 3.1 1.1 3.5





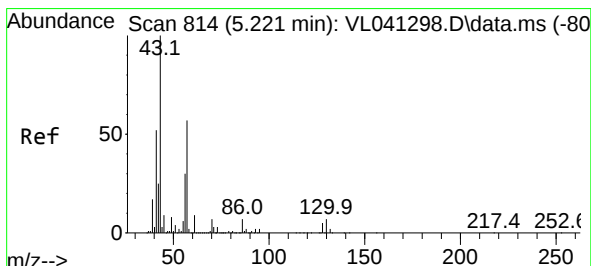
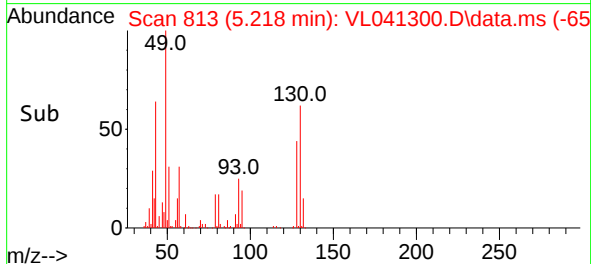
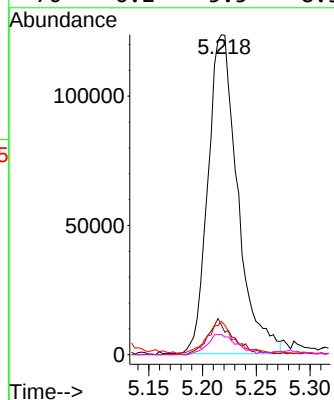
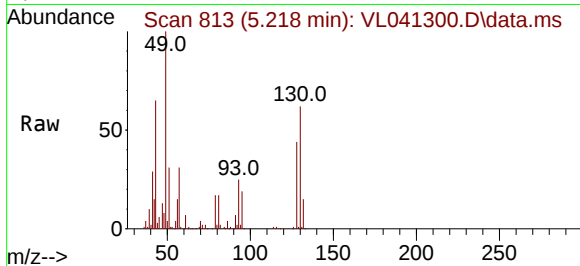
#25
Ethyl Acetate
Concen: 1.040 ppbv
RT: 5.218 min Scan# 813
Delta R.T. 0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 43 Resp: 236179
Ion Ratio Lower Upper
43 100
45 9.8 8.1 12.1
61 10.9 7.4 11.0
70 6.2 5.5 8.3

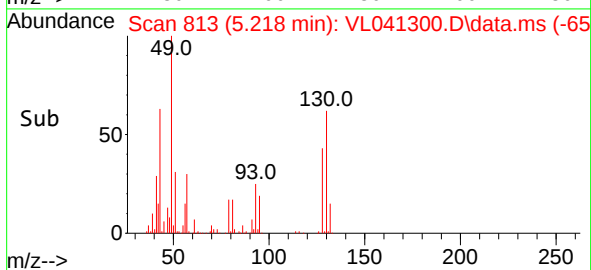
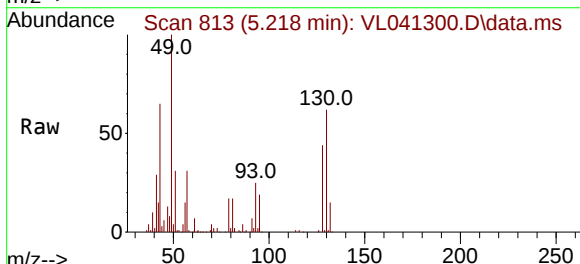
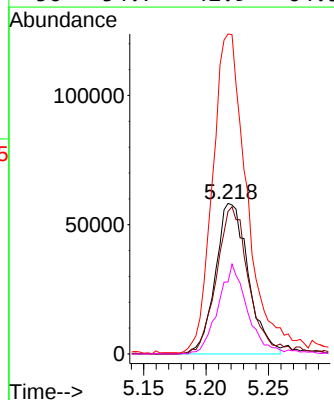
Manual Integrations
APPROVED

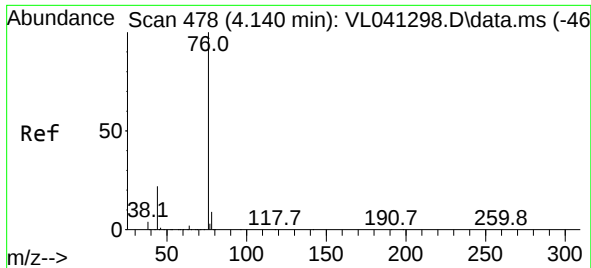
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#26
Hexane
Concen: 1.049 ppbv
RT: 5.218 min Scan# 813
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

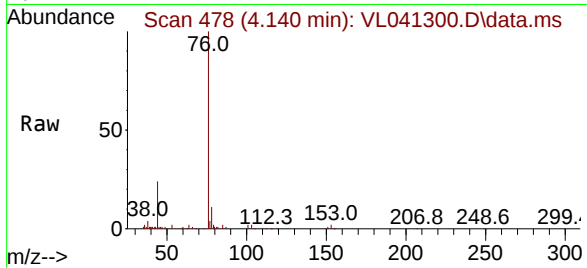
Tgt Ion: 57 Resp: 106392
Ion Ratio Lower Upper
57 100
41 99.5 77.1 115.7
43 237.2 186.1 279.1
56 54.7 42.9 64.3





#27
Carbon Disulfide
Concen: 0.924 ppbv
RT: 4.140 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

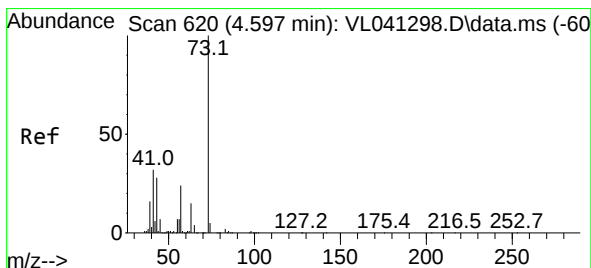
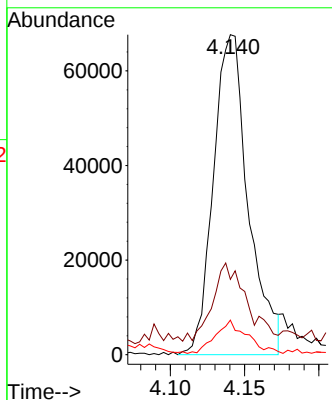
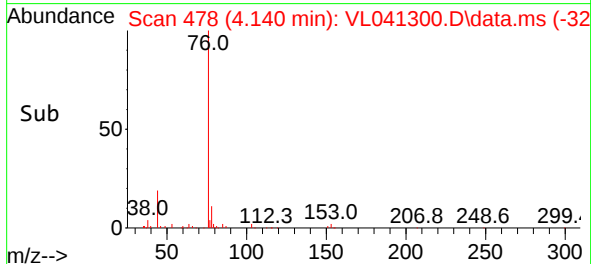
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



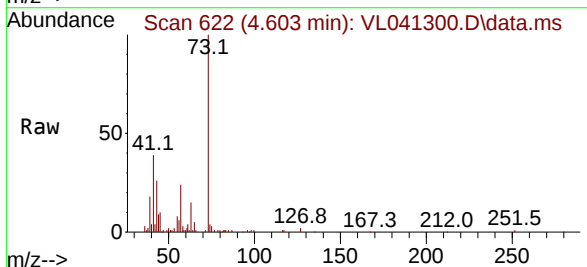
Tgt Ion: 76 Resp: 11086
Ion Ratio Lower Upper
76 100
44 25.2 17.7 26.5
78 9.4 7.8 11.6

Manual Integrations
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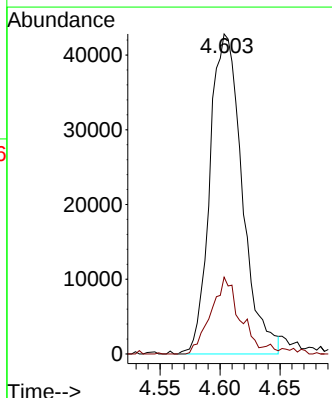
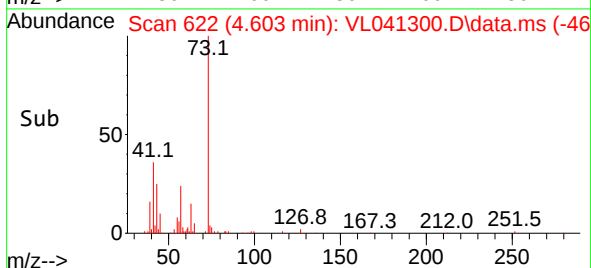
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

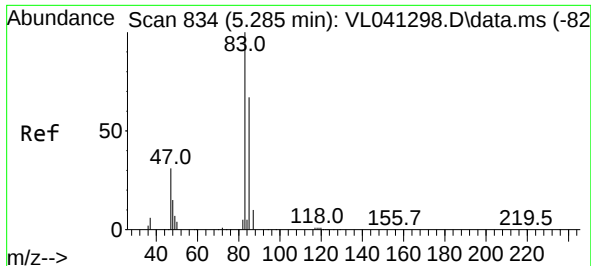


#28
Methyl tert-Butyl Ether
Concen: 0.993 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.006 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



Tgt Ion: 73 Resp: 80196
Ion Ratio Lower Upper
73 100
57 23.2 19.2 28.8





#29

Chloroform

Concen: 1.189 ppbv

RT: 5.282 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 83 Resp: 166354

Ion Ratio Lower Upper

83 100

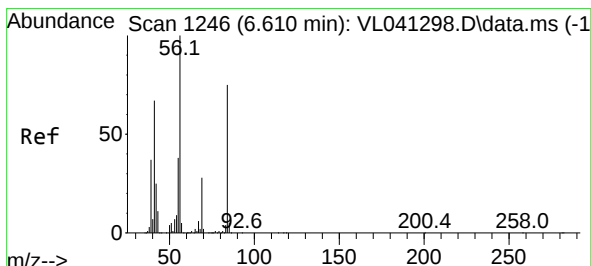
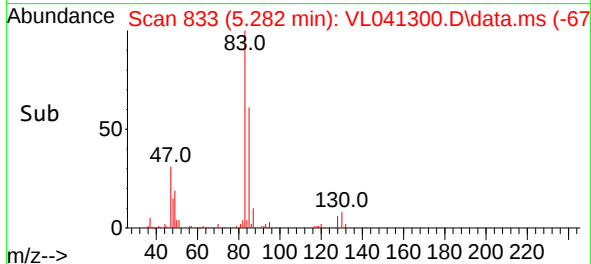
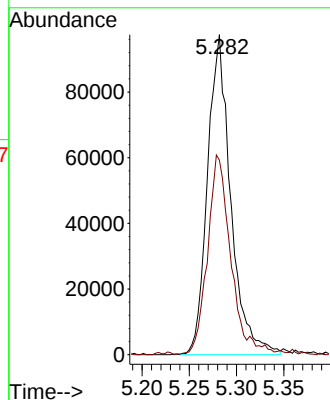
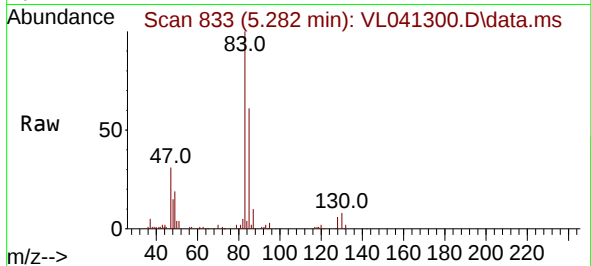
85 60.6 53.3 79.9

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#30

Cyclohexane

Concen: 1.019 ppbv

RT: 6.607 min Scan# 1245

Delta R.T. -0.003 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

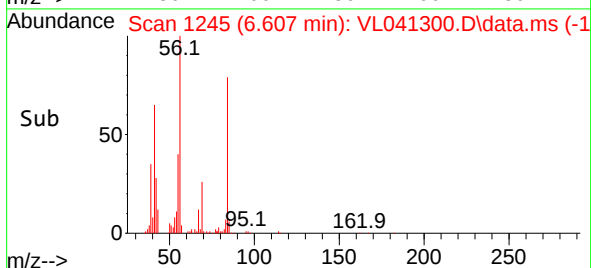
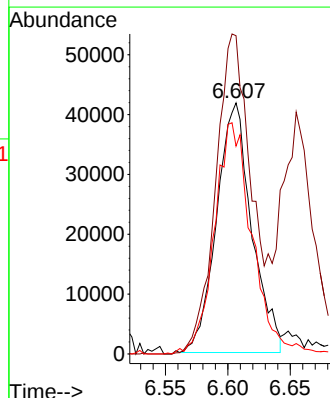
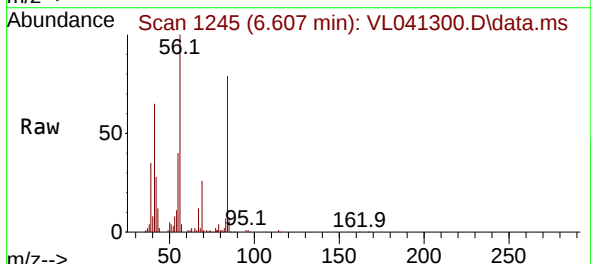
Tgt Ion: 84 Resp: 81809

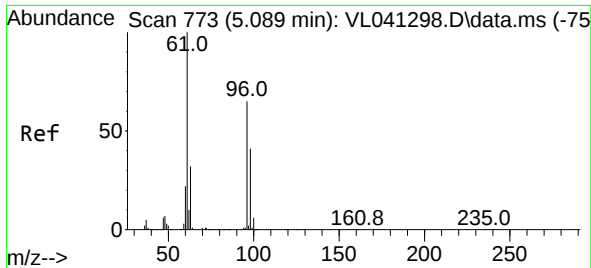
Ion Ratio Lower Upper

84 100

56 130.6 114.9 172.3

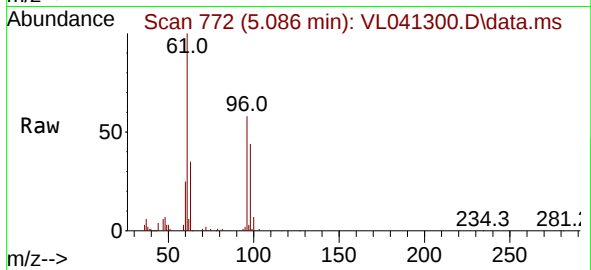
41 100.5 74.4 111.6





#31
 cis-1,2-Dichloroethene
 Concen: 1.008 ppbv
 RT: 5.086 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

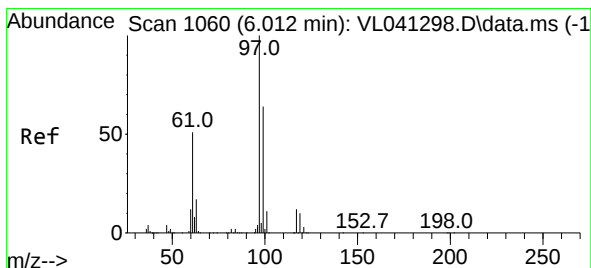
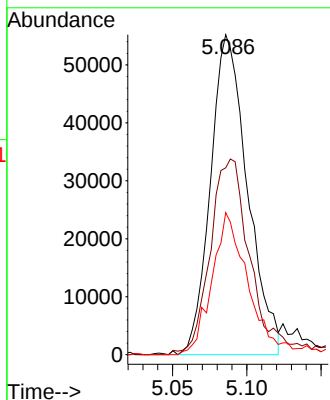
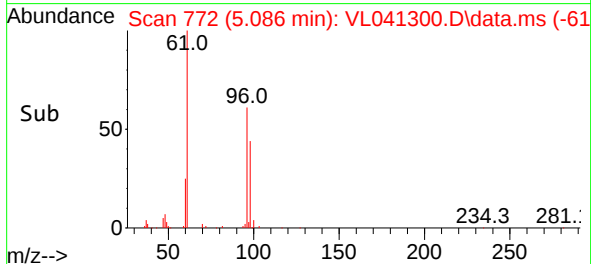
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion: 61 Resp: 95638
 Ion Ratio Lower Upper
 61 100
 96 57.3 52.1 78.1
 98 44.4 33.1 49.7

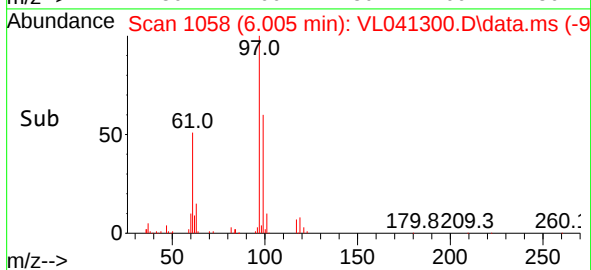
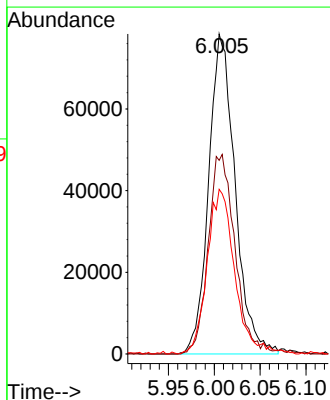
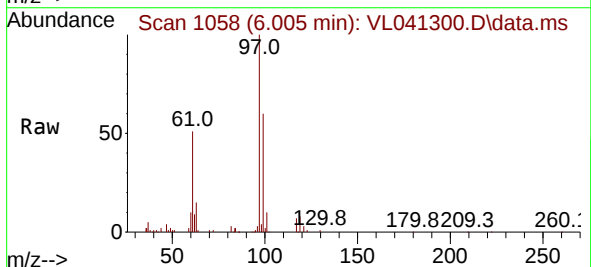
Manual Integrations
 APPROVED

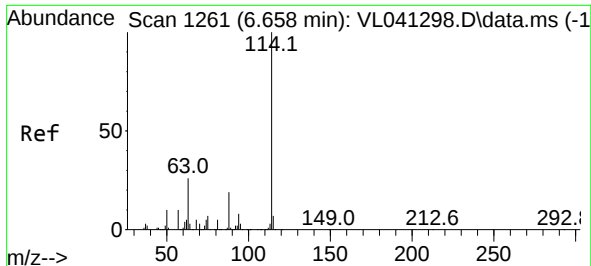
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#32
 1,1,1-Trichloroethane
 Concen: 1.125 ppbv
 RT: 6.005 min Scan# 1058
 Delta R.T. -0.006 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

Tgt Ion: 97 Resp: 157049
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.9 77.9
 61 53.7 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.655 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 263071

Ion Ratio Lower Upper

114 100

63 25.7 20.6 30.8

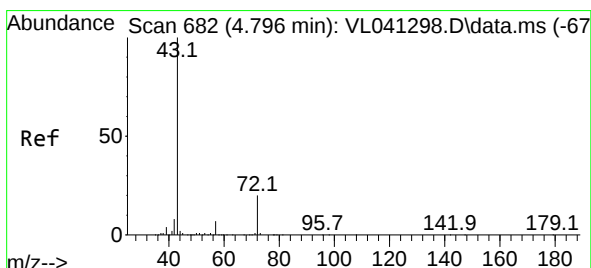
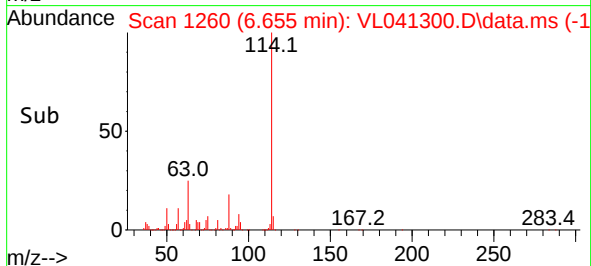
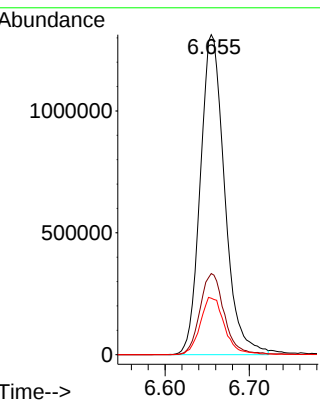
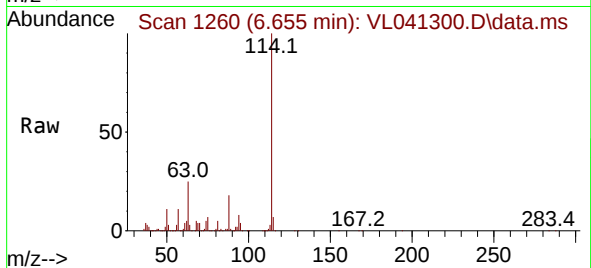
88 18.1 14.5 21.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#34

2-Butanone

Concen: 0.945 ppbv

RT: 4.806 min Scan# 685

Delta R.T. 0.010 min

Lab File: VL041300.D

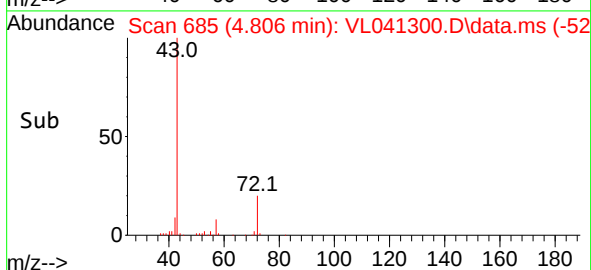
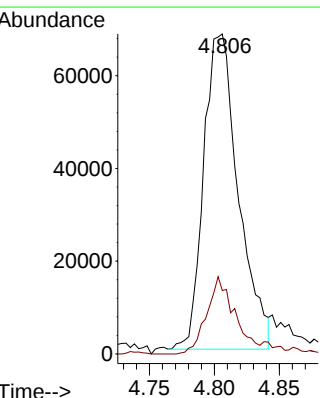
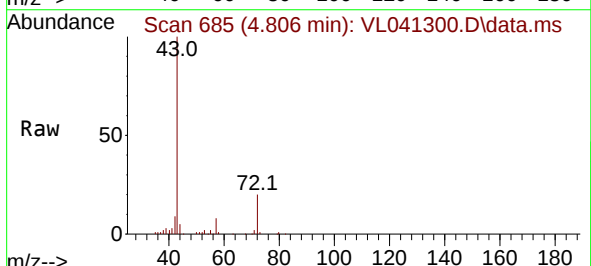
Acq: 4 Jun 2024 10:31

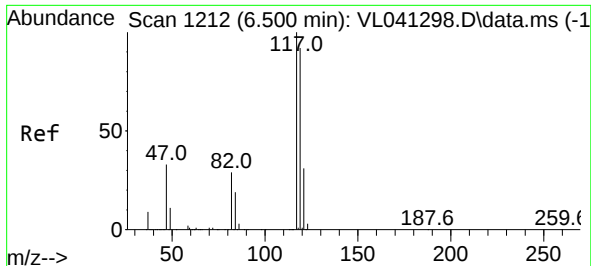
Tgt Ion: 43 Resp: 126532

Ion Ratio Lower Upper

43 100

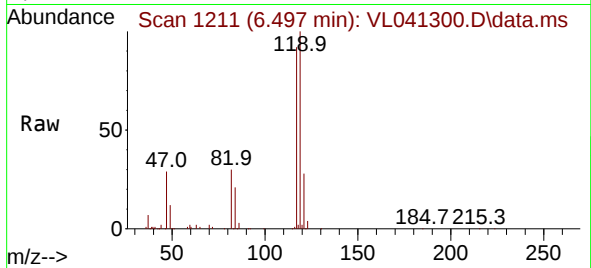
72 23.5 17.4 26.0





#35
Carbon Tetrachloride
Concen: 1.034 ppbv
RT: 6.497 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

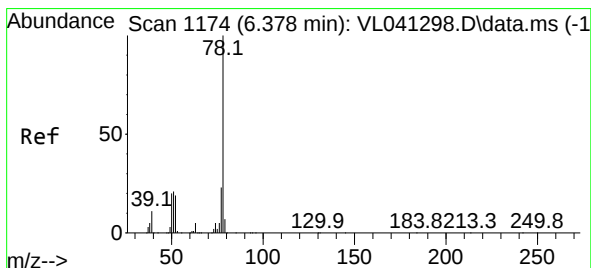
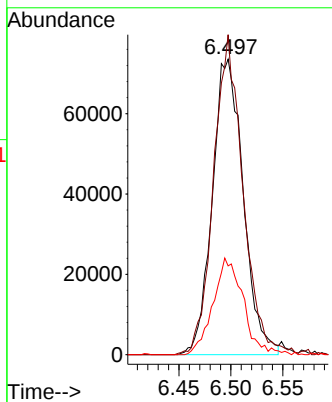
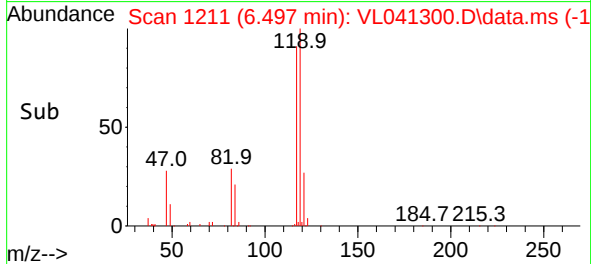
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 152634
Ion Ratio Lower Upper
117 100
119 107.8 74.0 111.0
121 30.3 24.8 37.2

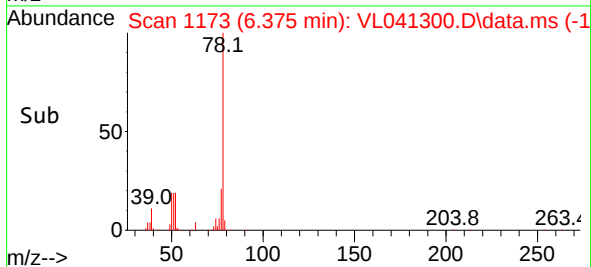
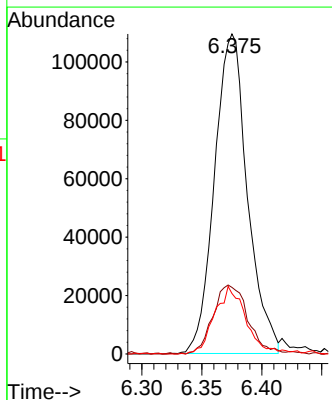
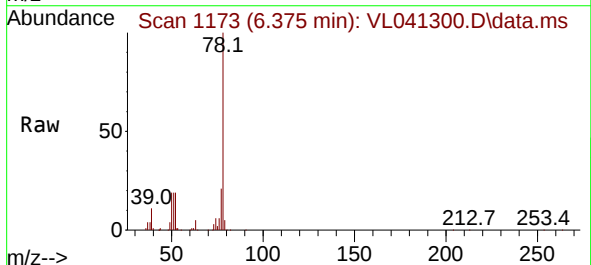
Manual Integrations
APPROVED

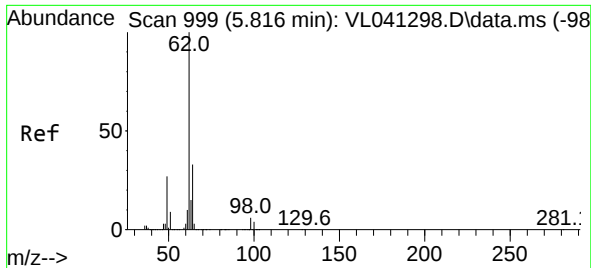
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#36
Benzene
Concen: 0.947 ppbv
RT: 6.375 min Scan# 1173
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

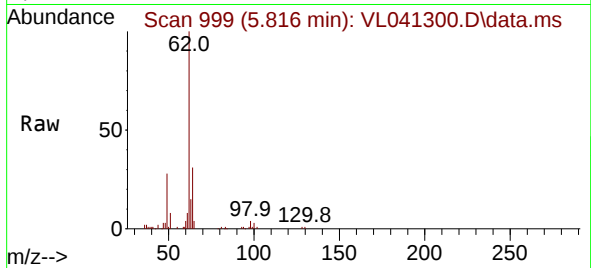
Tgt Ion: 78 Resp: 208963
Ion Ratio Lower Upper
78 100
77 20.8 18.6 28.0
50 19.0 16.0 24.0





#37
1,2-Dichloroethane
Concen: 1.022 ppbv
RT: 5.816 min Scan# 999
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

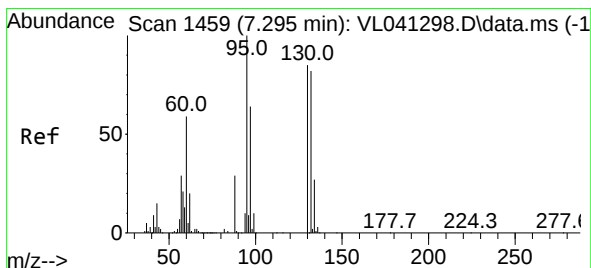
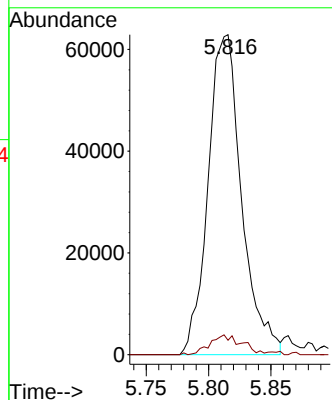
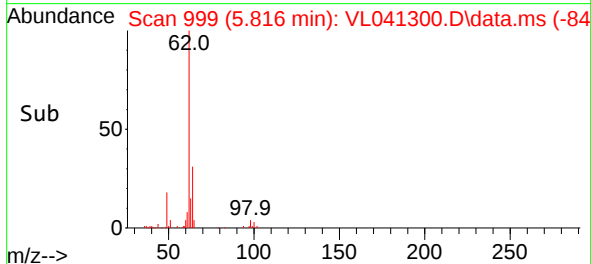
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



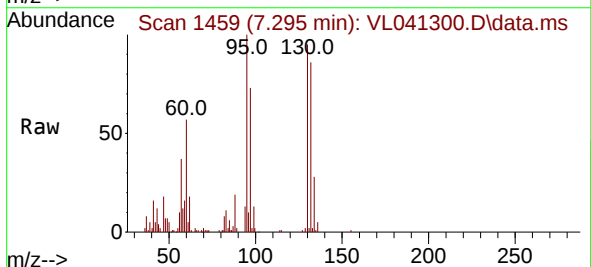
Tgt Ion: 62 Resp: 117672
Ion Ratio Lower Upper
62 100
98 6.4 4.8 7.2

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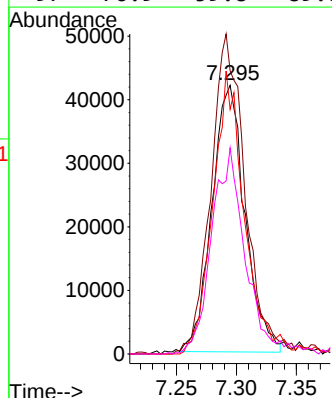
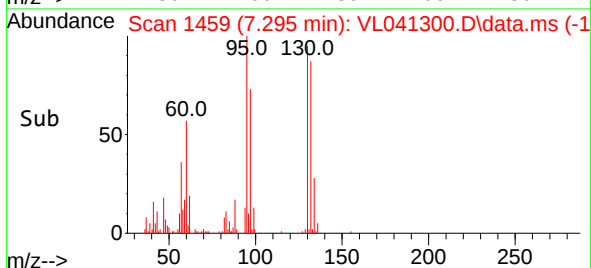
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

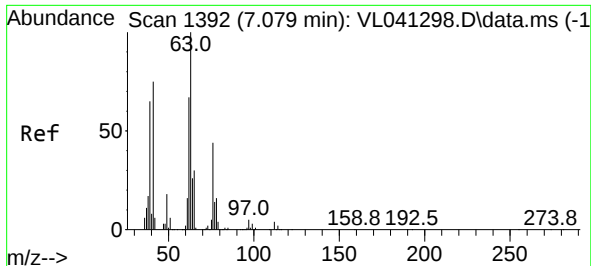


#38
Trichloroethene
Concen: 0.980 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



Tgt Ion:130 Resp: 80606
Ion Ratio Lower Upper
130 100
95 105.0 94.0 141.0
132 91.9 76.7 115.1
97 76.9 59.8 89.8





#39

1,2-Dichloropropane

Concen: 1.016 ppbv m

RT: 7.073 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

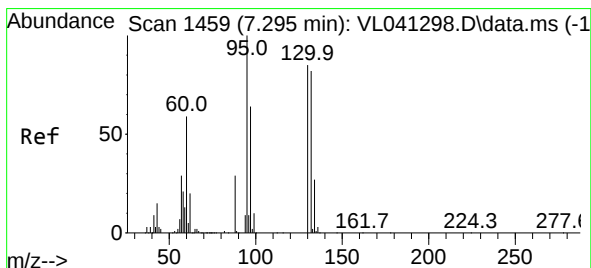
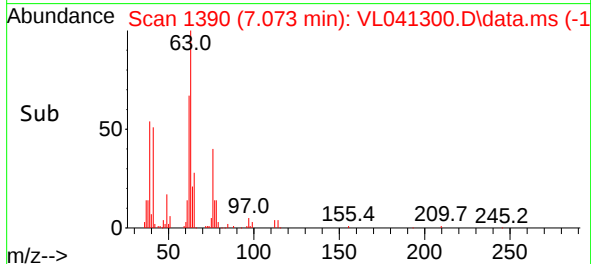
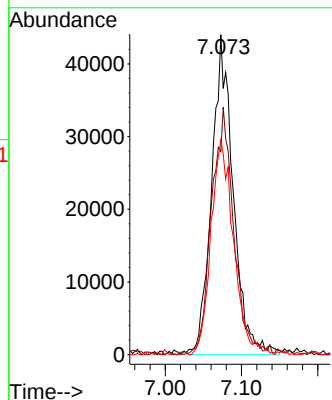
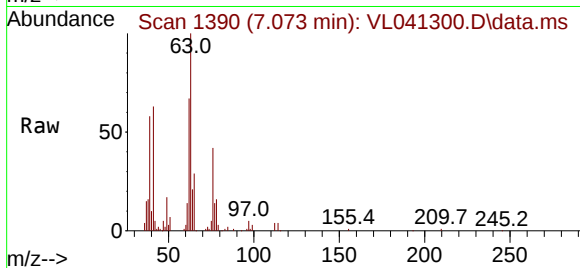
Tgt Ion: 63 Resp: 86410

Ion	Ratio	Lower	Upper
63	100		
41	63.5	59.9	89.9
62	67.1	53.8	80.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#40

1,4-Dioxane

Concen: 1.058 ppbv m

RT: 7.311 min Scan# 1464

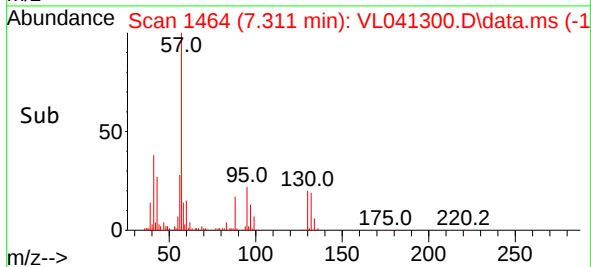
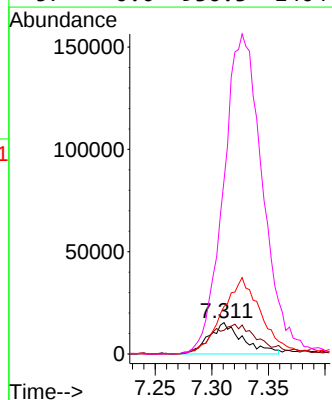
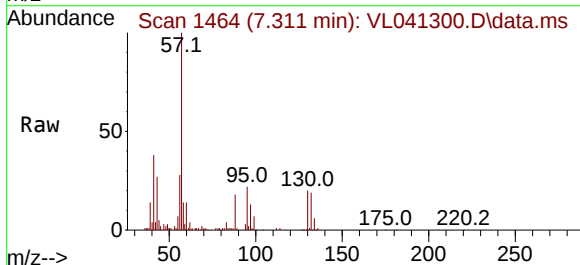
Delta R.T. 0.016 min

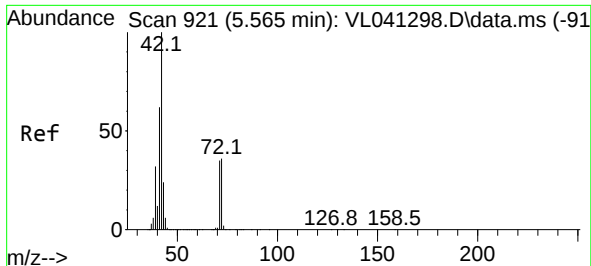
Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Tgt Ion: 88 Resp: 32156

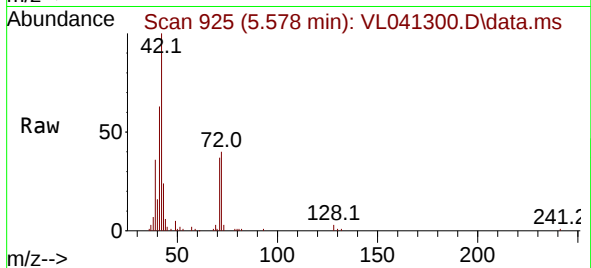
Ion	Ratio	Lower	Upper
88	100		
58	0.0	107.5	161.3#
43	0.0	221.8	332.6#
57	0.0	936.3	1404.5#





#41
Tetrahydrofuran
Concen: 0.819 ppbv
RT: 5.578 min Scan# 91
Delta R.T. 0.013 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

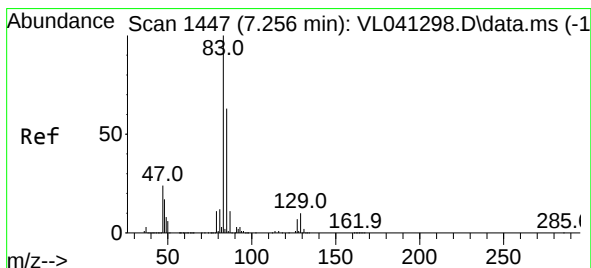
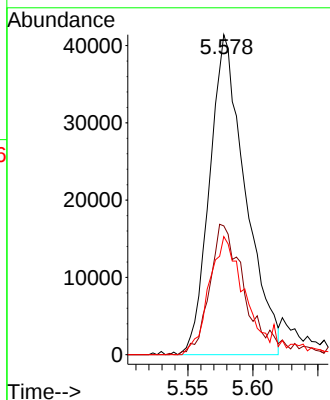
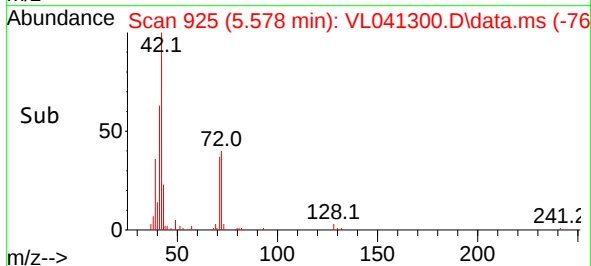
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



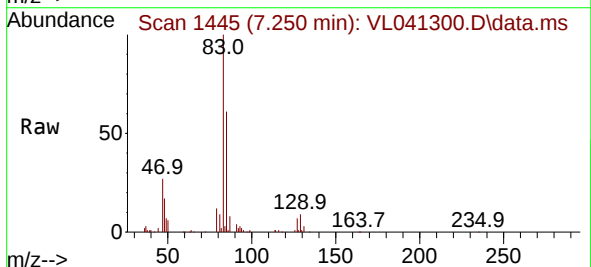
Tgt Ion: 42 Resp: 7938
Ion Ratio Lower Upper
42 100
72 43.3 30.2 45.4
71 41.7 30.3 45.5

Manual Integrations
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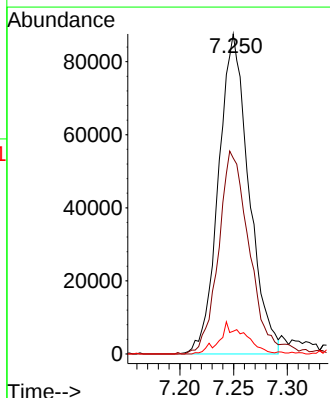
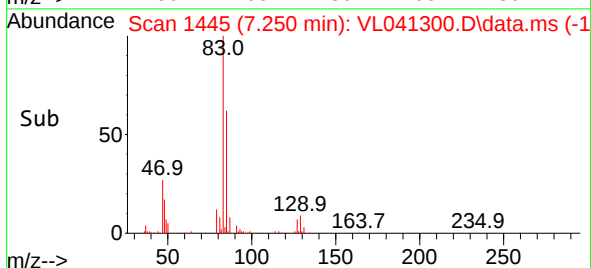
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

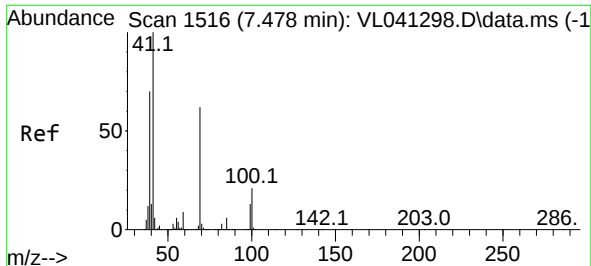


#42
Bromodichloromethane
Concen: 1.044 ppbv
RT: 7.250 min Scan# 1445
Delta R.T. -0.006 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



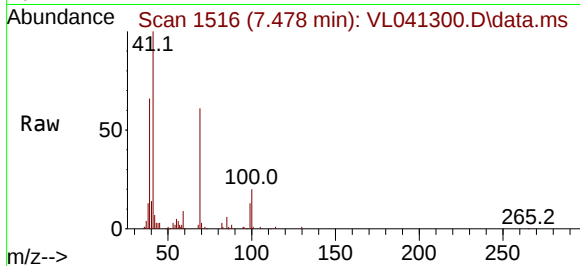
Tgt Ion: 83 Resp: 172514
Ion Ratio Lower Upper
83 100
85 60.8 50.6 75.8
127 7.1 5.6 8.4





#43
Methyl Methacrylate
Concen: 0.842 ppbv
RT: 7.478 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

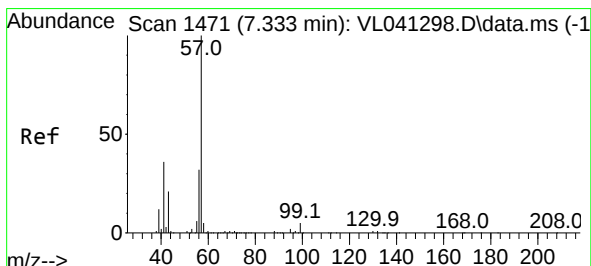
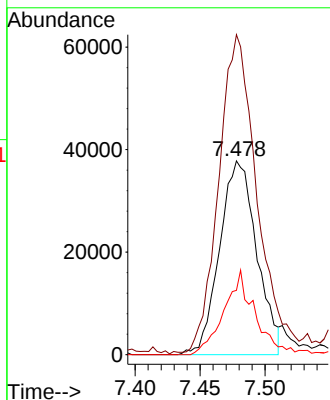
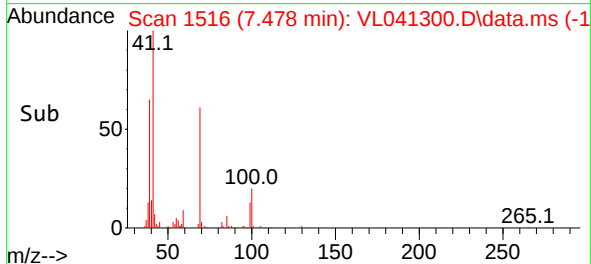
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



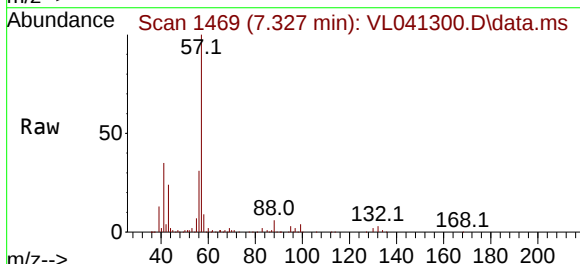
Tgt Ion: 69 Resp: 75140
Ion Ratio Lower Upper
69 100
41 175.0 125.8 188.6
100 36.9 27.0 40.6

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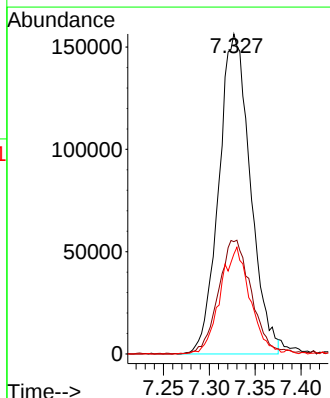
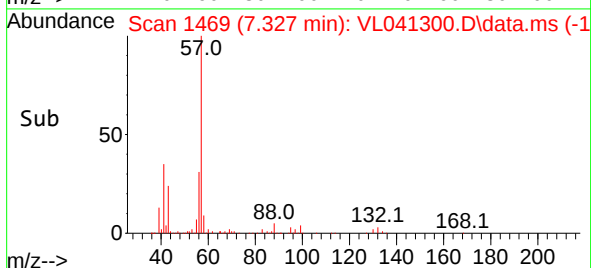
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

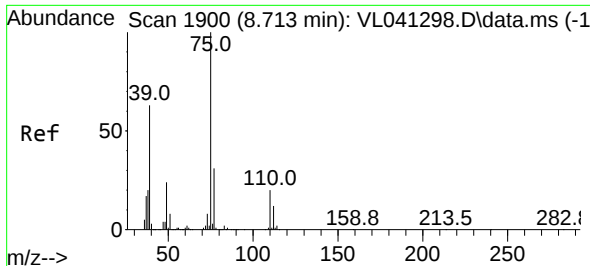


#44
2,2,4-Trimethylpentane
Concen: 0.980 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



Tgt Ion: 57 Resp: 373210
Ion Ratio Lower Upper
57 100
41 37.7 29.4 44.2
56 32.0 25.0 37.4





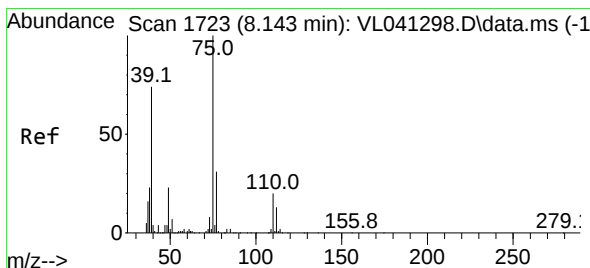
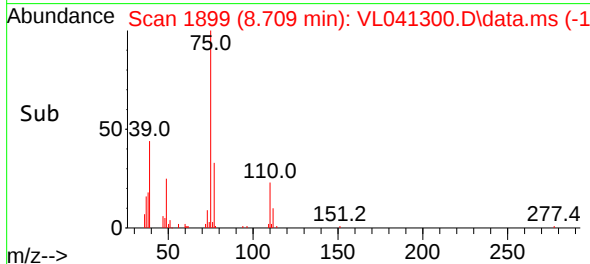
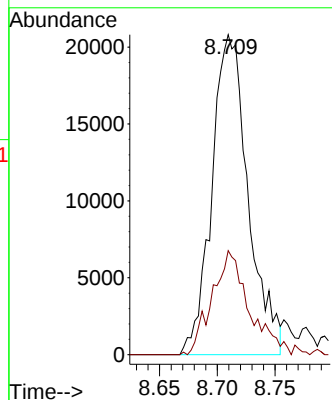
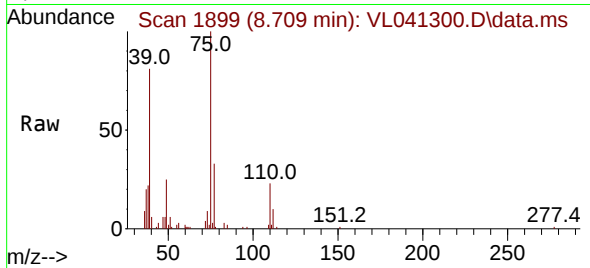
#45
t-1,3-Dichloropropene
Concen: 0.704 ppbv
RT: 8.709 min Scan# 1899
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 4555
Ion Ratio Lower Upper
75 100
77 33.6 24.7 37.1

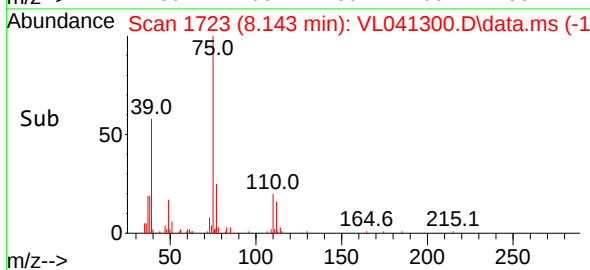
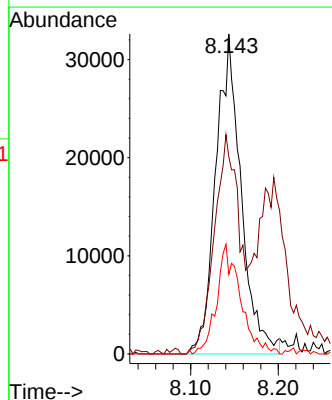
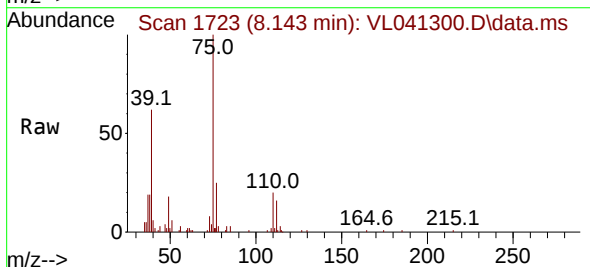
Manual Integrations
APPROVED

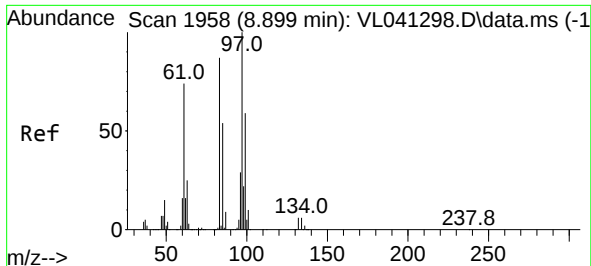
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#46
cis-1,3-Dichloropropene
Concen: 0.826 ppbv m
RT: 8.143 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

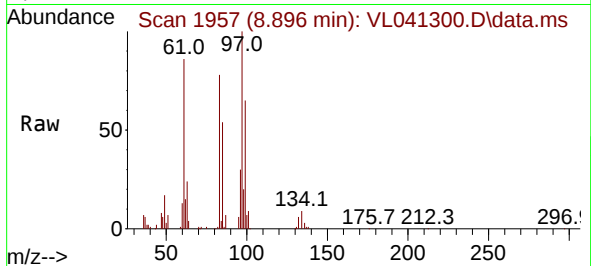
Tgt Ion: 75 Resp: 65441
Ion Ratio Lower Upper
75 100
39 61.5 59.2 88.8
77 24.9 25.0 37.6#





#47
1,1,2-Trichloroethane
Concen: 1.007 ppbv
RT: 8.896 min Scan# 1957
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

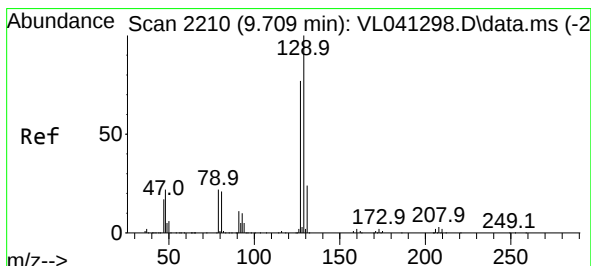
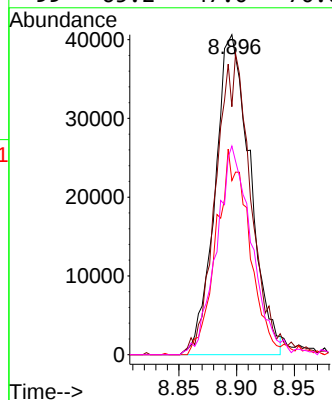
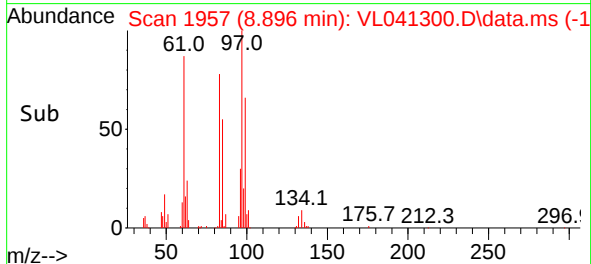
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



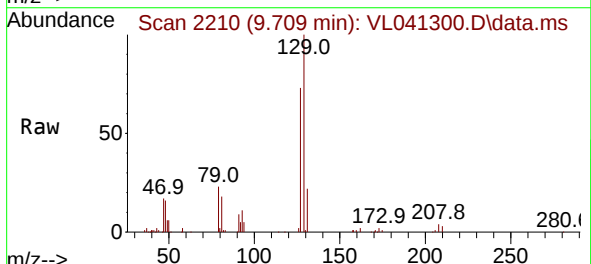
Tgt Ion: 97 Resp: 85775
Ion Ratio Lower Upper
97 100
83 77.5 69.7 104.5
85 54.4 43.1 64.7
99 65.2 47.0 70.6

Manual Integrations
APPROVED

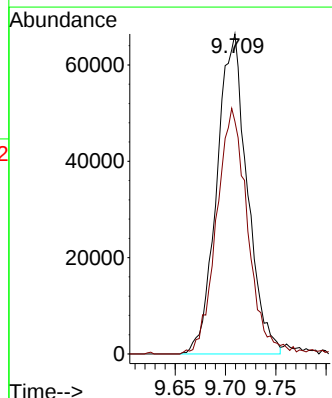
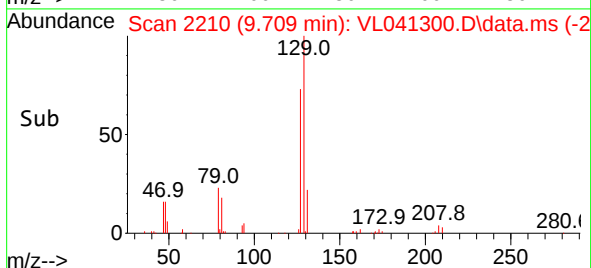
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

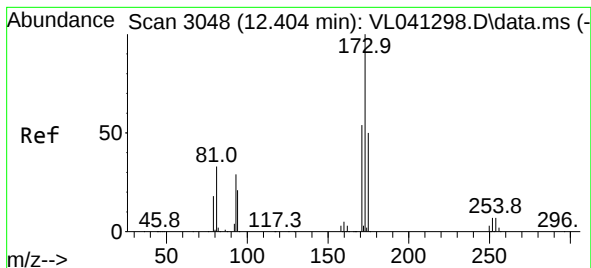


#48
Dibromochloromethane
Concen: 1.031 ppbv
RT: 9.709 min Scan# 2210
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



Tgt Ion:129 Resp: 139926
Ion Ratio Lower Upper
129 100
127 79.6 39.1 117.5





#49

Bromoform

Concen: 0.936 ppbv

RT: 12.401 min Scan# 3048

Delta R.T. -0.003 min

Lab File: VL041300.D

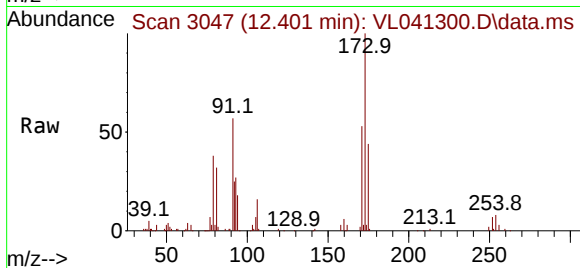
Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001



Tgt Ion:173 Resp: 108070

Ion Ratio Lower Upper

173 100

175 52.1 39.9 59.9

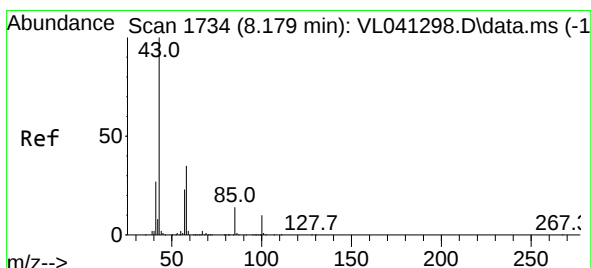
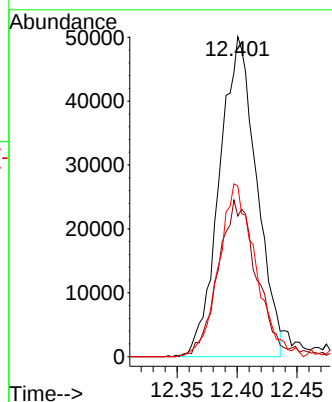
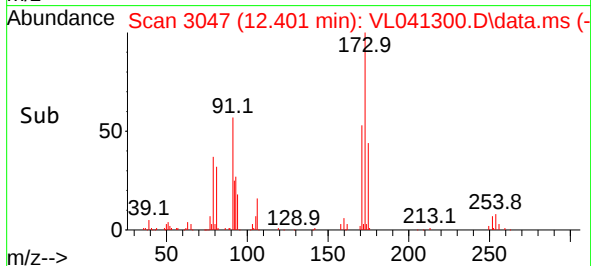
171 53.8 42.6 63.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#50

4-Methyl-2-Pentanone

Concen: 0.893 ppbv

RT: 8.192 min Scan# 1738

Delta R.T. 0.013 min

Lab File: VL041300.D

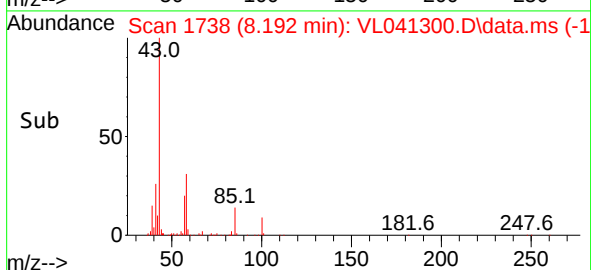
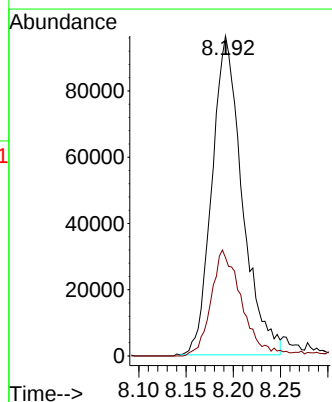
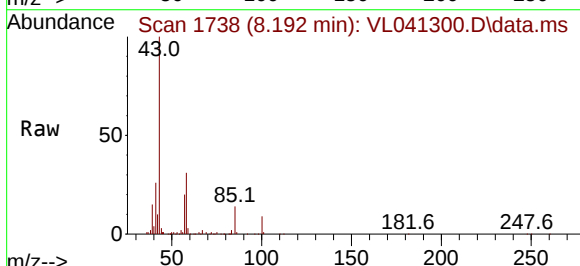
Acq: 4 Jun 2024 10:31

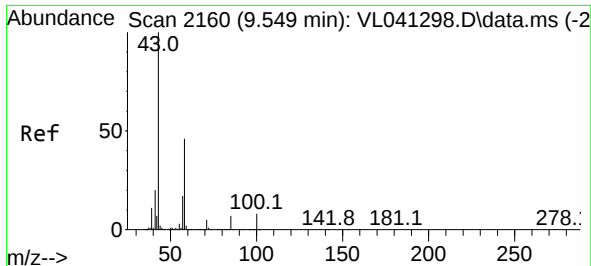
Tgt Ion: 43 Resp: 214494

Ion Ratio Lower Upper

43 100

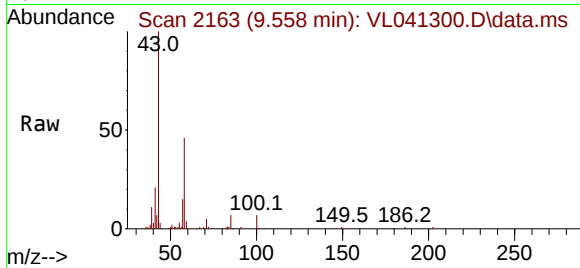
58 33.6 27.7 41.5





#51
2-Hexanone
Concen: 0.822 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. 0.010 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

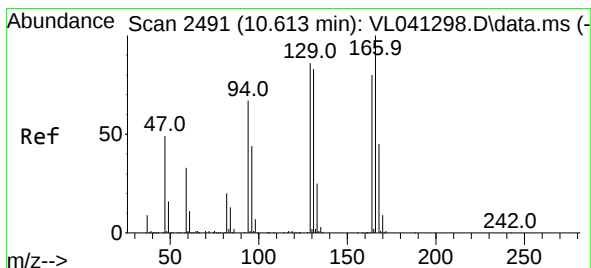
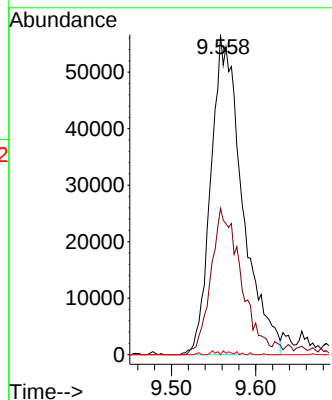
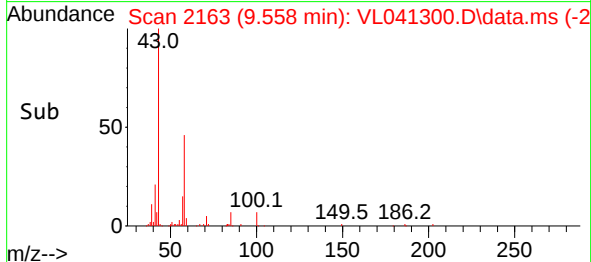
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



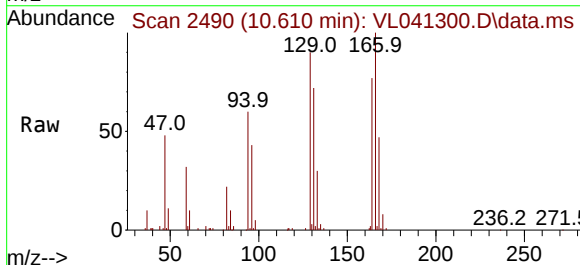
Tgt Ion: 43 Resp: 146500
Ion Ratio Lower Upper
43 100
58 47.5 37.4 56.0
98 0.5 0.2 0.4

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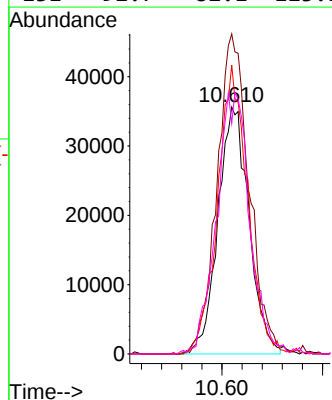
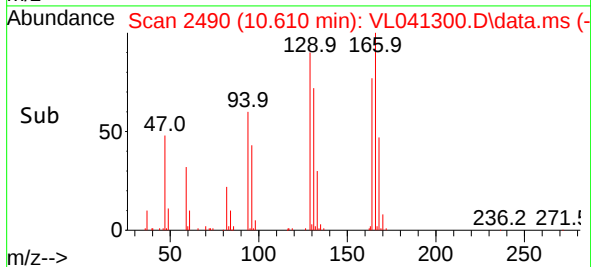
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

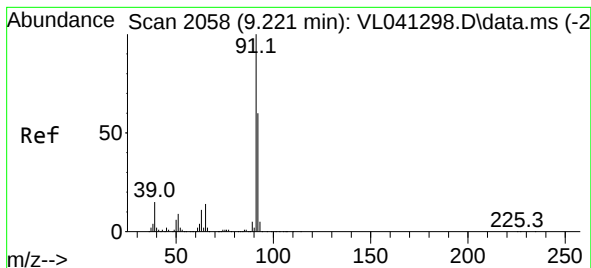


#52
Tetrachloroethene
Concen: 0.987 ppbv
RT: 10.610 min Scan# 2490
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



Tgt Ion:164 Resp: 76565
Ion Ratio Lower Upper
164 100
166 129.6 99.4 149.0
129 117.0 85.4 128.2
131 92.7 82.1 123.1





#53

Toluene

Concen: 0.939 ppbv

RT: 9.217 min Scan# 2057

Delta R.T. -0.003 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 240375

Ion Ratio Lower Upper

91 100

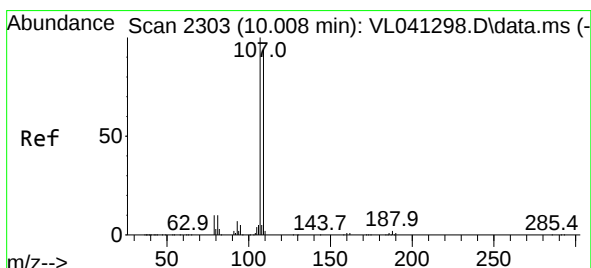
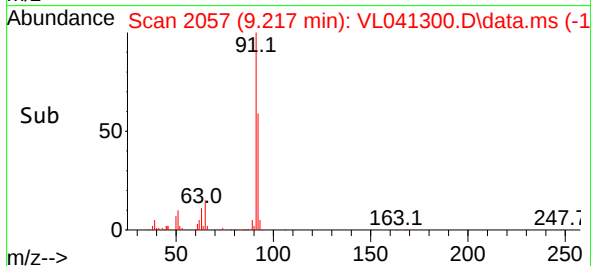
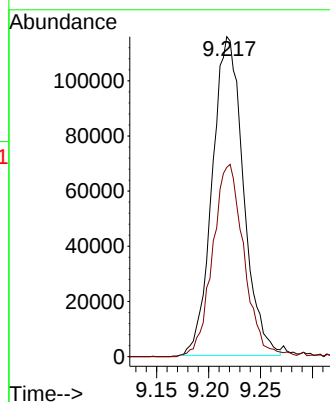
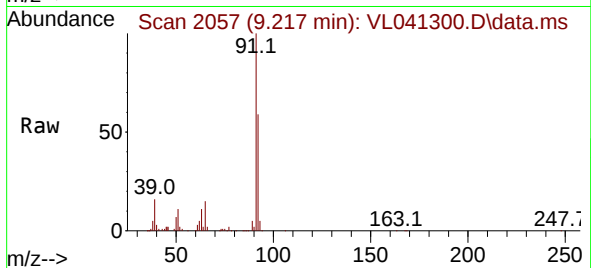
92 61.2 49.2 73.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#54

1,2-Dibromoethane

Concen: 1.012 ppbv

RT: 10.005 min Scan# 2302

Delta R.T. -0.003 min

Lab File: VL041300.D

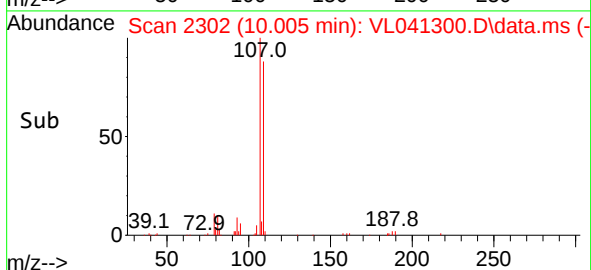
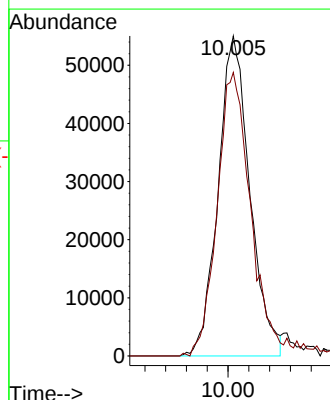
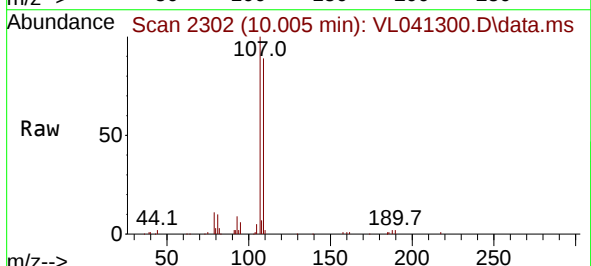
Acq: 4 Jun 2024 10:31

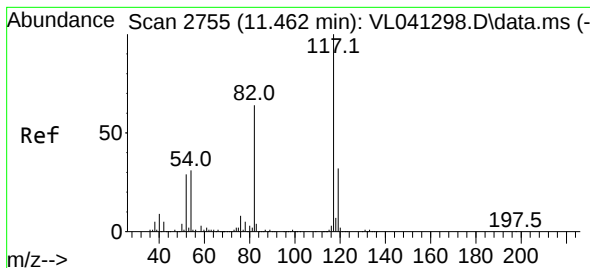
Tgt Ion:107 Resp: 116724

Ion Ratio Lower Upper

107 100

109 88.6 75.0 112.6





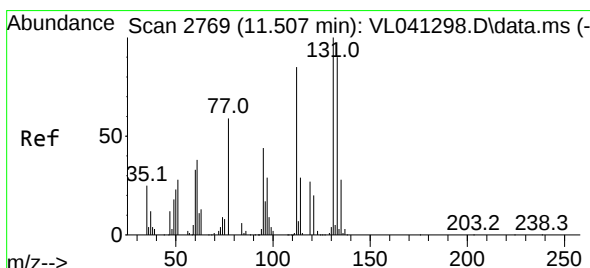
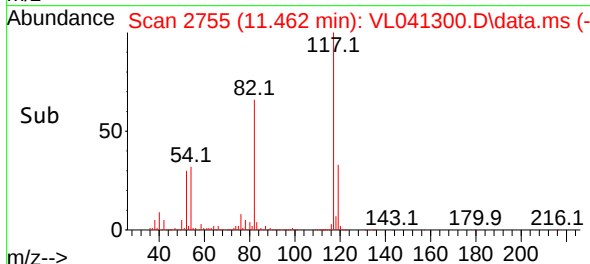
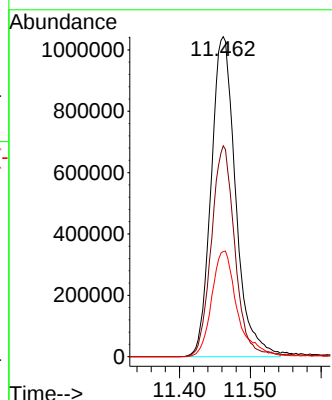
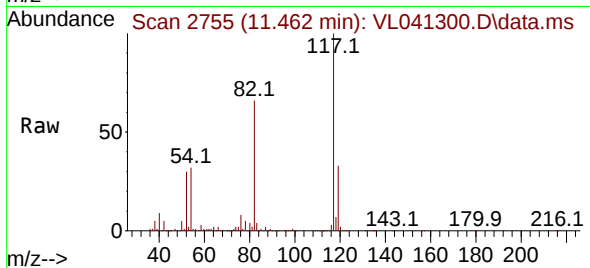
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:117 Resp: 250740
Ion Ratio Lower Upper
117 100
82 64.2 52.3 78.5
119 34.9 26.2 39.2

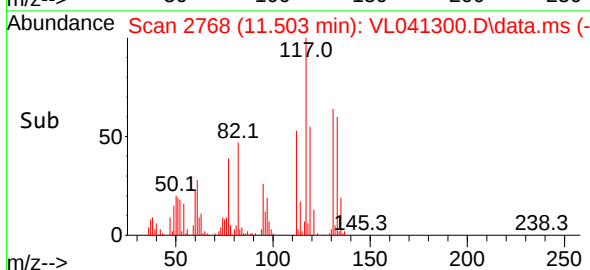
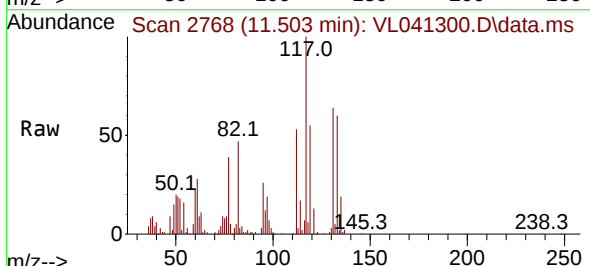
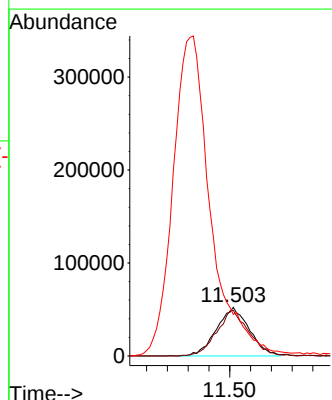
Manual Integrations
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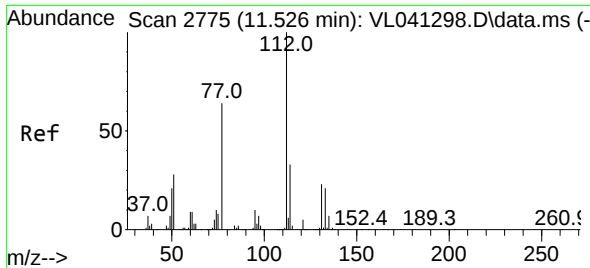
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 1.126 ppbv
RT: 11.503 min Scan# 2768
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

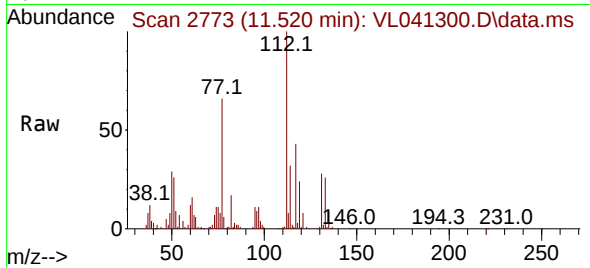
Tgt Ion:131 Resp: 114489
Ion Ratio Lower Upper
131 100
133 92.7 75.8 113.6
119 758.9 48.3 72.5#





#57
Chlorobenzene
Concen: 1.119 ppbv
RT: 11.520 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

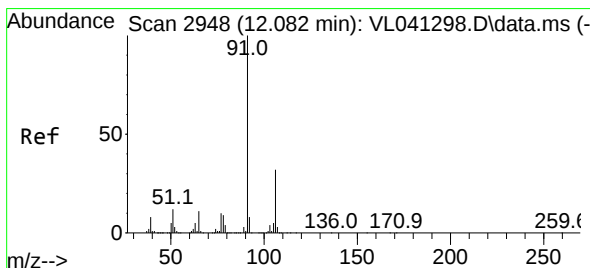
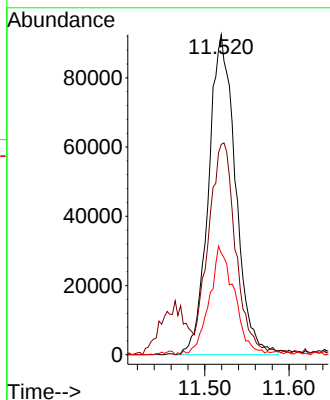
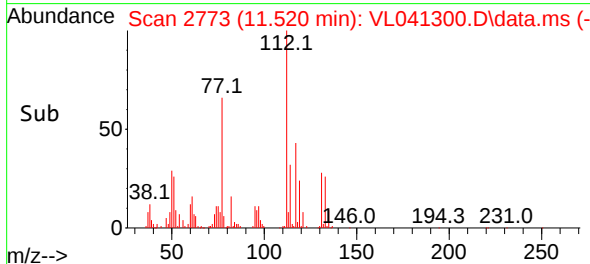
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



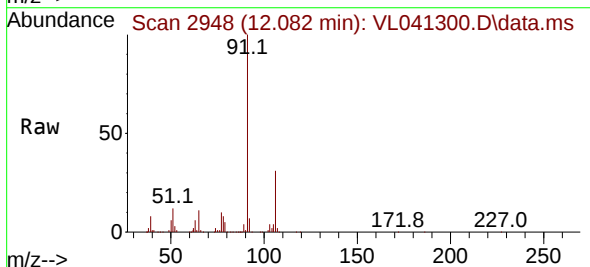
Tgt Ion:112 Resp: 20556
Ion Ratio Lower Upper
112 100
77 64.4 52.0 78.0
114 31.1 29.8 36.4

Manual Integrations
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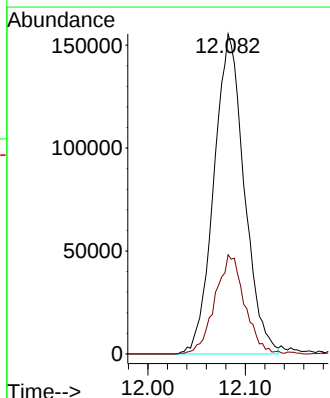
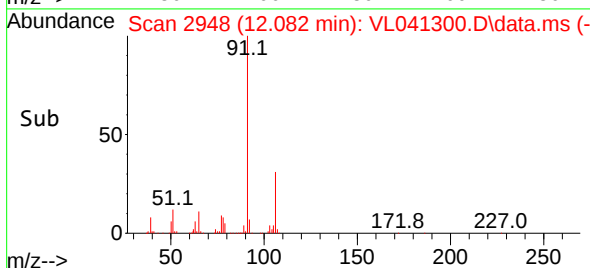
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

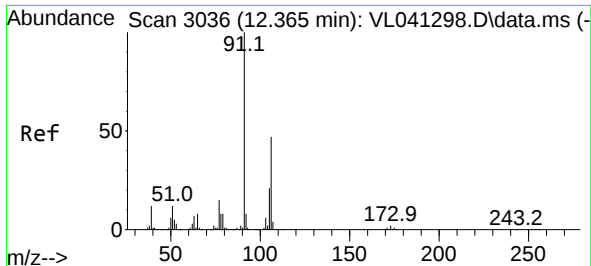


#58
Ethyl Benzene
Concen: 0.978 ppbv
RT: 12.082 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



Tgt Ion: 91 Resp: 336367
Ion Ratio Lower Upper
91 100
106 30.9 25.5 38.3





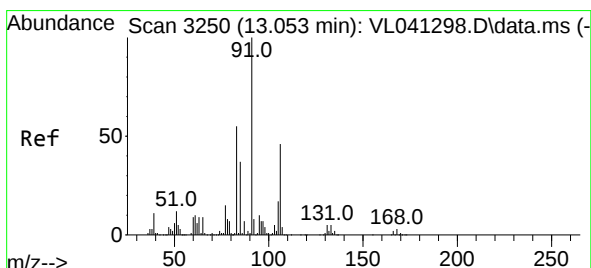
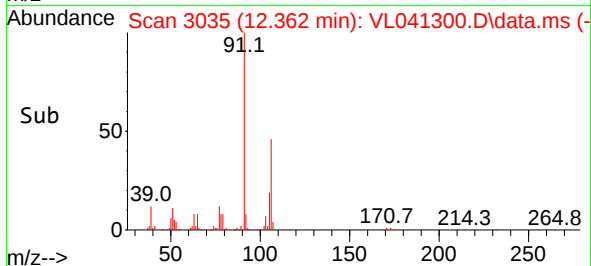
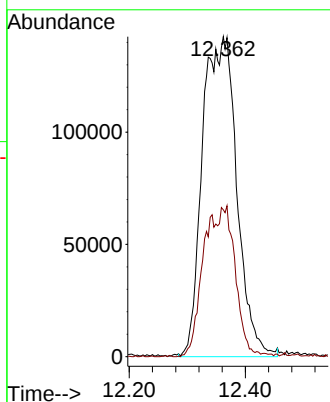
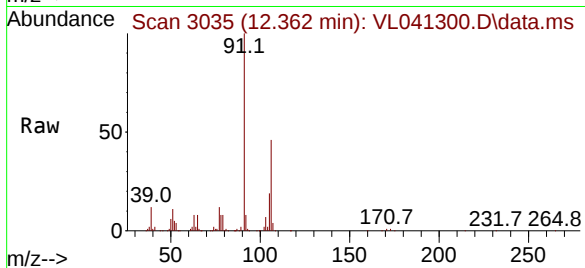
#59
m/p-Xylene
Concen: 2.025 ppbv m
RT: 12.362 min Scan# 3035
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 585260
Ion Ratio Lower Upper
91 100
106 43.9 35.7 53.5

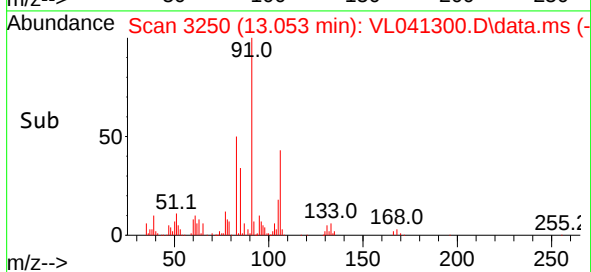
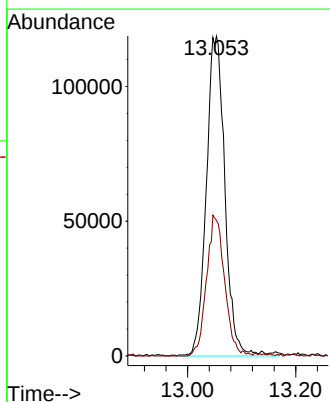
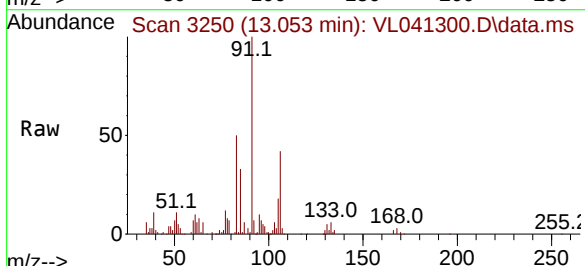
Manual Integrations
APPROVED

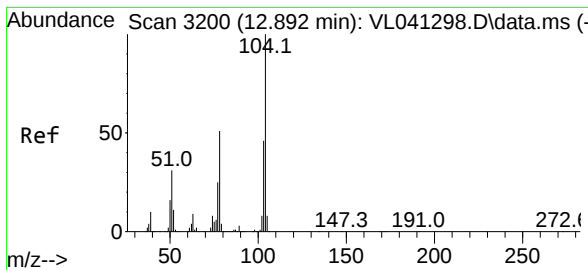
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#60
o-Xylene
Concen: 1.047 ppbv m
RT: 13.053 min Scan# 3250
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion: 91 Resp: 283556
Ion Ratio Lower Upper
91 100
106 0.0 22.8 68.4#





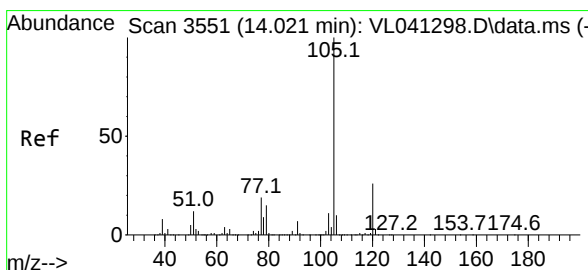
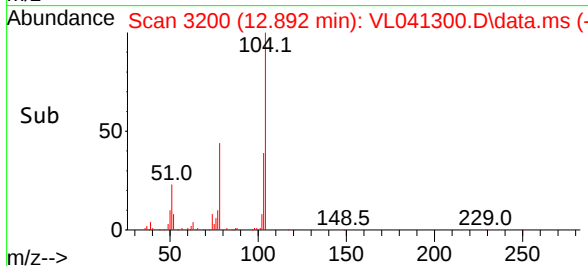
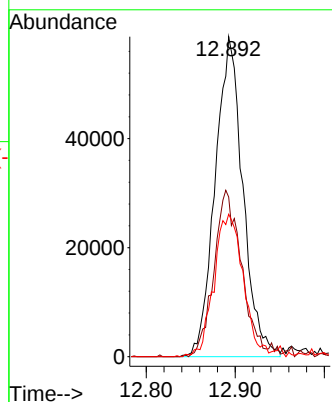
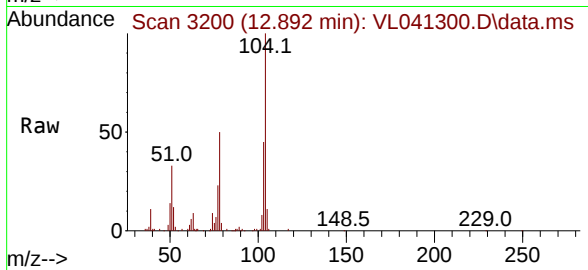
#61
Styrene
Concen: 0.886 ppbv
RT: 12.892 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion:104 Resp: 126815
Ion Ratio Lower Upper
104 100
78 52.8 42.2 63.4
103 48.2 37.9 56.9

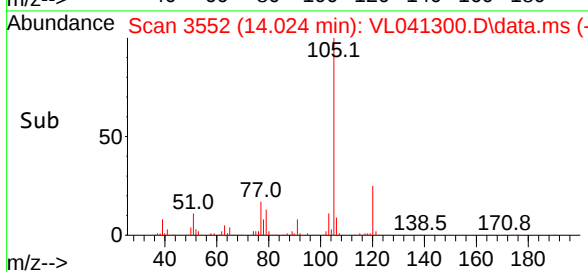
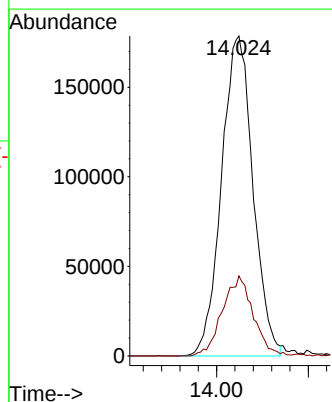
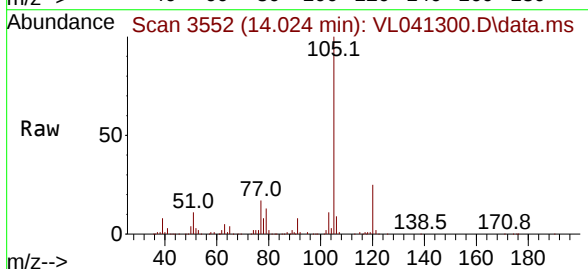
Manual Integrations
APPROVED

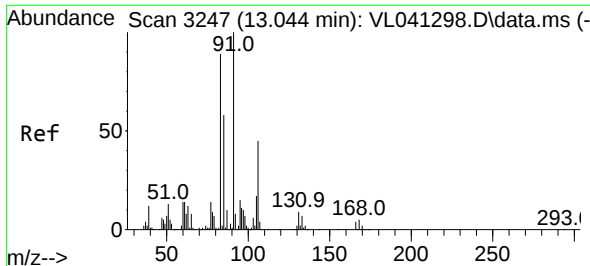
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#62
Isopropylbenzene
Concen: 1.052 ppbv
RT: 14.024 min Scan# 3552
Delta R.T. 0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

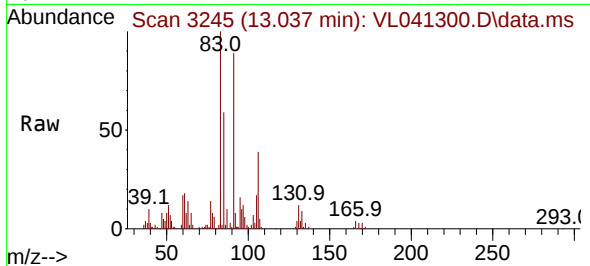
Tgt Ion:105 Resp: 426047
Ion Ratio Lower Upper
105 100
120 24.7 20.4 30.6





#63
1,1,2,2-Tetrachloroethane
Concen: 1.105 ppbv m
RT: 13.037 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

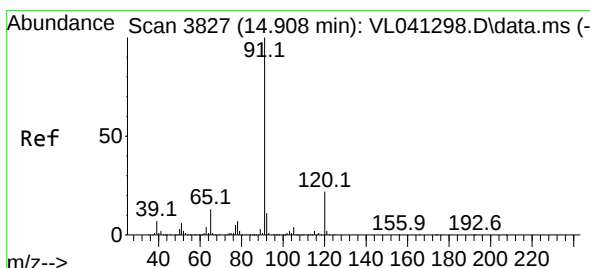
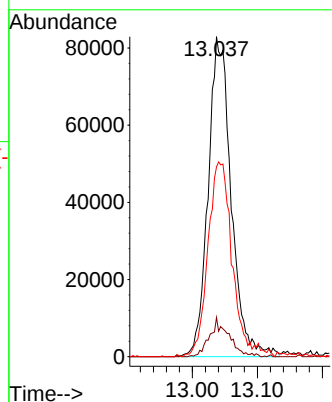
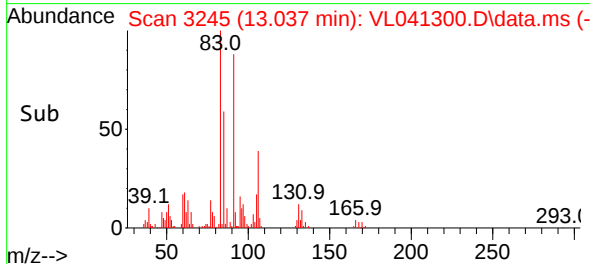
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001



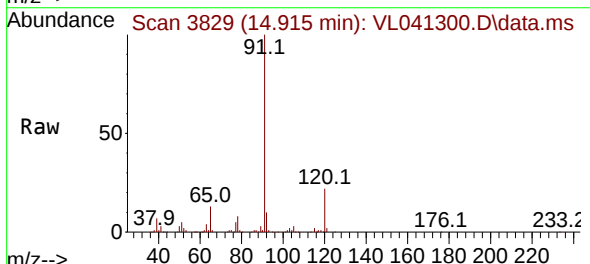
Tgt Ion: 83 Resp: 203978
Ion Ratio Lower Upper
83 100
131 0.0 4.7 14.1
85 0.0 32.6 97.7

Manual Integrations
APPROVED

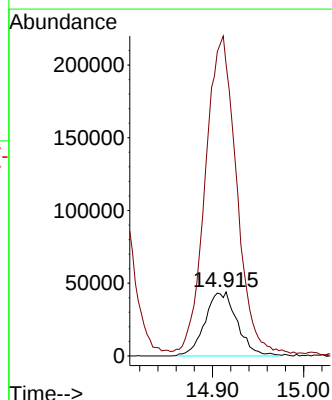
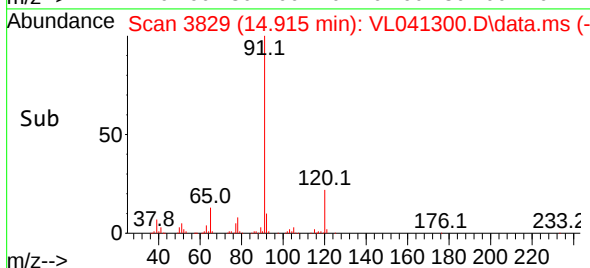
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

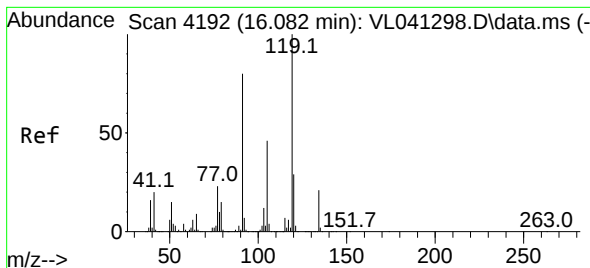


#64
n-propylbenzene
Concen: 1.060 ppbv m
RT: 14.915 min Scan# 3829
Delta R.T. 0.006 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



Tgt Ion:120 Resp: 107181
Ion Ratio Lower Upper
120 100
91 305.1 374.2 561.2#





#65

tert-Butylbenzene

Concen: 1.056 ppbv

RT: 16.085 min Scan# 4192

Delta R.T. 0.003 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:119 Resp: 383062

Ion Ratio Lower Upper

119 100

91 84.5 66.5 99.7

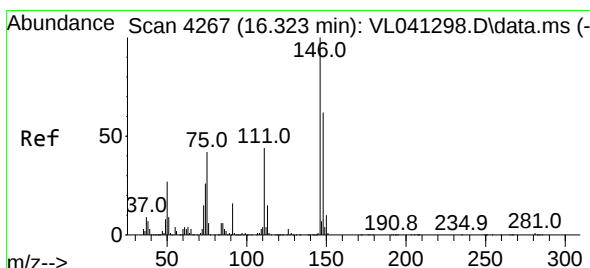
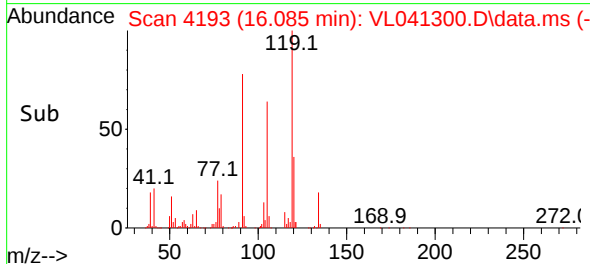
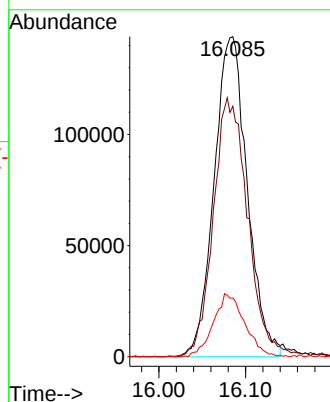
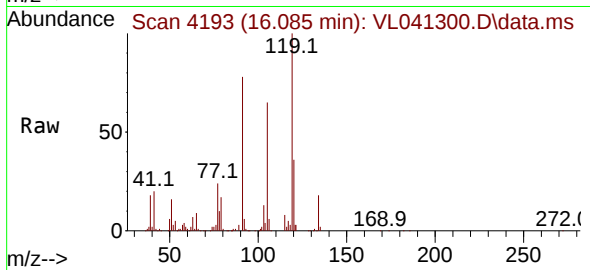
134 18.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#66

Benzyl Chloride

Concen: 0.478 ppbv m

RT: 16.330 min Scan# 4269

Delta R.T. 0.006 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

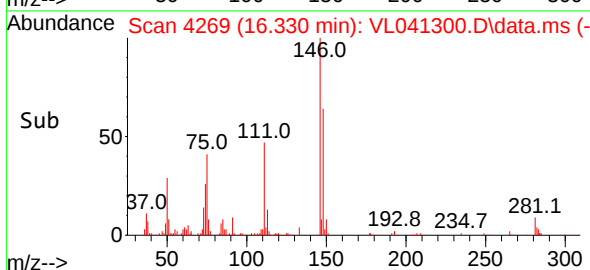
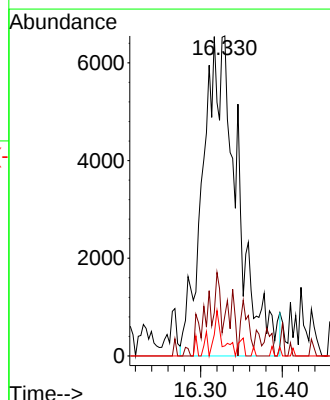
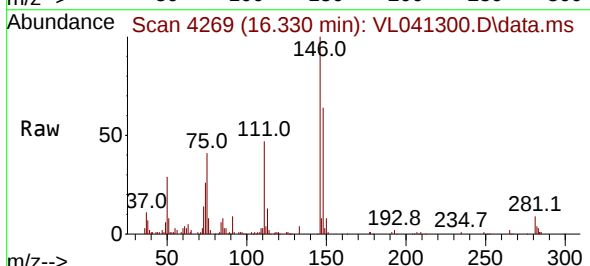
Tgt Ion: 91 Resp: 19643

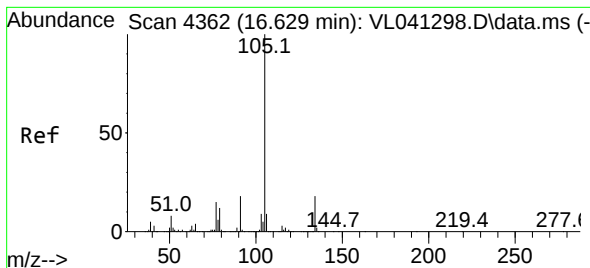
Ion Ratio Lower Upper

91 100

126 21.6 13.4 20.2#

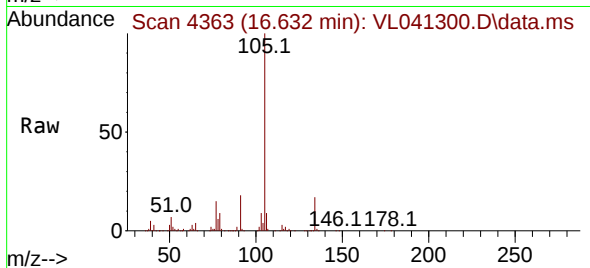
128 4.3 4.6 6.8#





#67
 sec-Butylbenzene
 Concen: 1.062 ppbv
 RT: 16.632 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

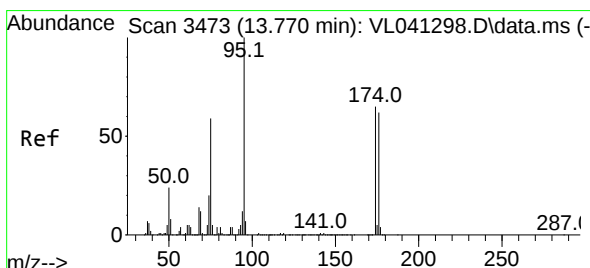
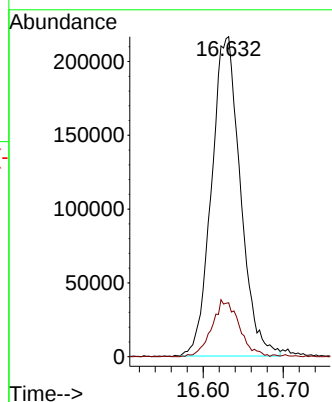
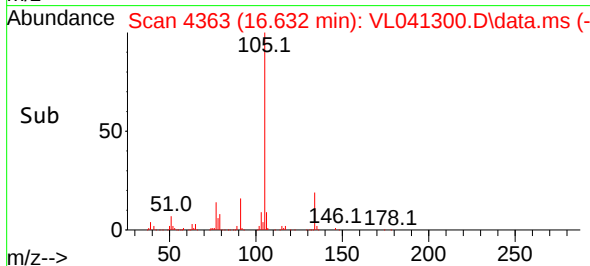
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:105 Resp: 542260
 Ion Ratio Lower Upper
 105 100
 134 17.2 14.3 21.5

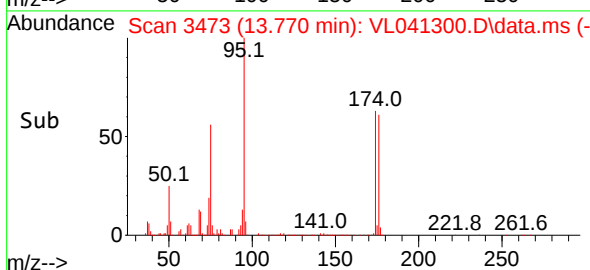
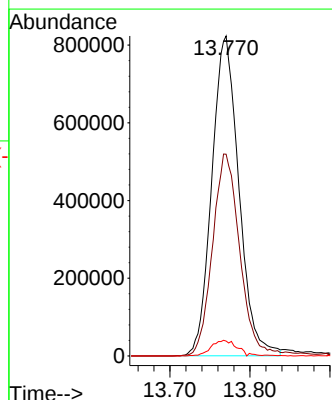
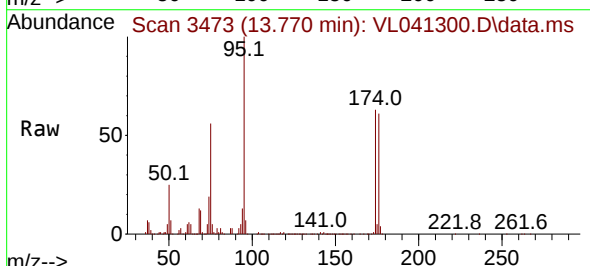
Manual Integrations
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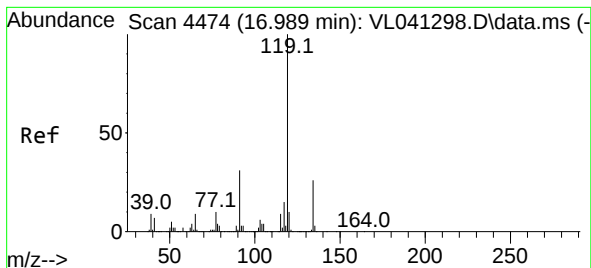
Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.219 ppbv
 RT: 13.770 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

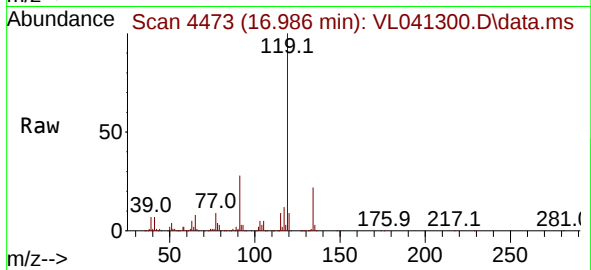
Tgt Ion: 95 Resp: 1934504
 Ion Ratio Lower Upper
 95 100
 174 64.5 52.2 78.2
 175 4.9 4.1 6.1





#69
p-Isopropyltoluene
Concen: 1.072 ppbv
RT: 16.986 min Scan# 4473
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

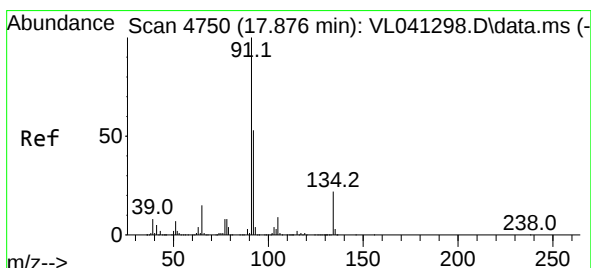
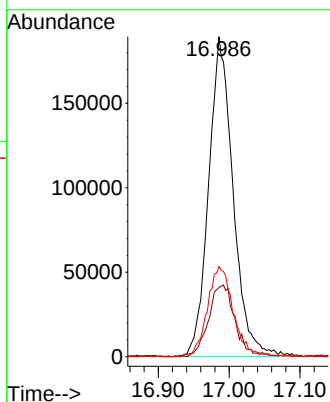
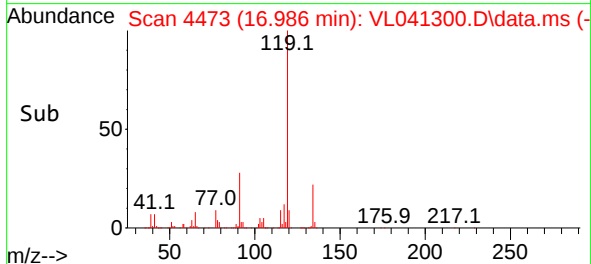
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



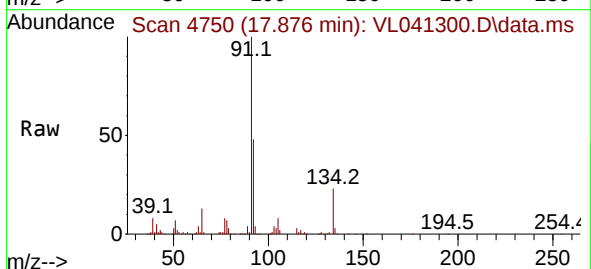
Tgt Ion: 119 Resp: 451420
Ion Ratio Lower Upper
119 100
134 24.4 20.1 30.1
91 30.1 24.1 36.1

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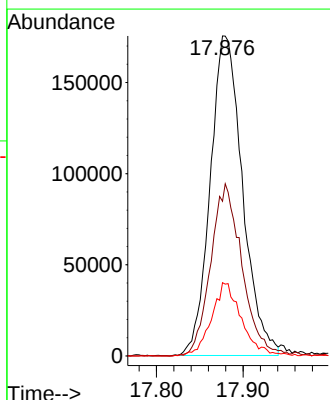
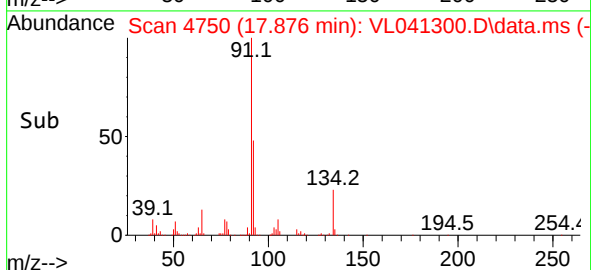
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

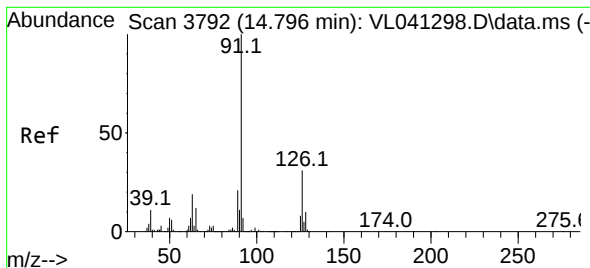


#70
n-Butylbenzene
Concen: 1.034 ppbv
RT: 17.876 min Scan# 4750
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



Tgt Ion: 91 Resp: 454514
Ion Ratio Lower Upper
91 100
92 52.8 42.9 64.3
134 21.4 17.9 26.9





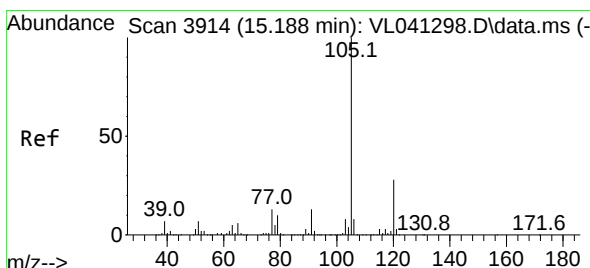
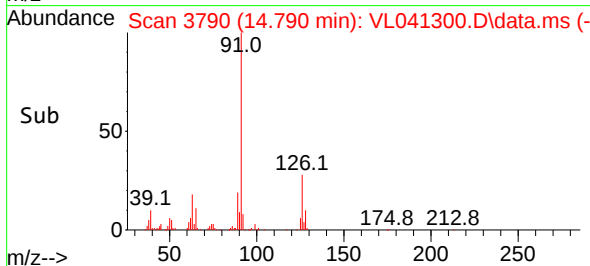
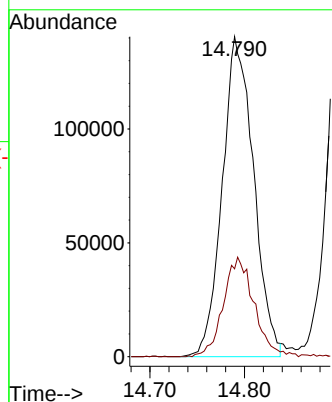
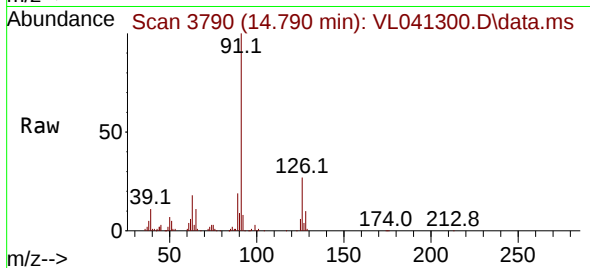
#71
2-Chlorotoluene
Concen: 1.048 ppbv
RT: 14.790 min Scan# 3178
Delta R.T. -0.006 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 323178
Ion Ratio Lower Upper
91 100
126 30.8 12.4 49.8

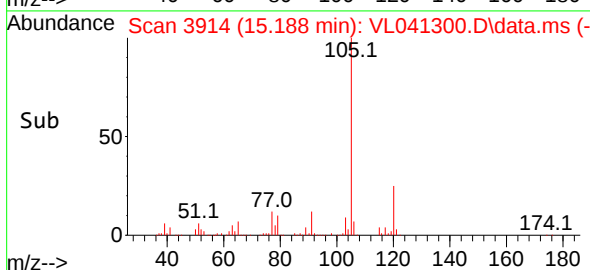
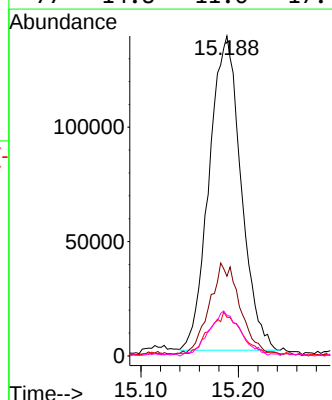
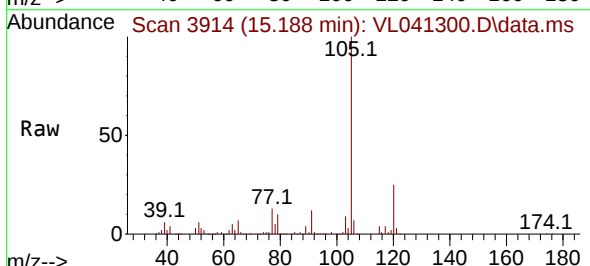
Manual Integrations
APPROVED

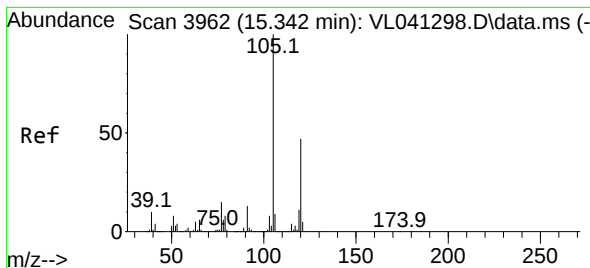
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#72
4-Ethyltoluene
Concen: 1.018 ppbv
RT: 15.188 min Scan# 3914
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Tgt Ion:105 Resp: 312386
Ion Ratio Lower Upper
105 100
120 30.1 23.7 35.5
91 14.8 10.6 16.0
77 14.8 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 0.982 ppbv

RT: 15.346 min Scan# 3962

Delta R.T. 0.003 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 27273

Ion Ratio Lower Upper

105 100

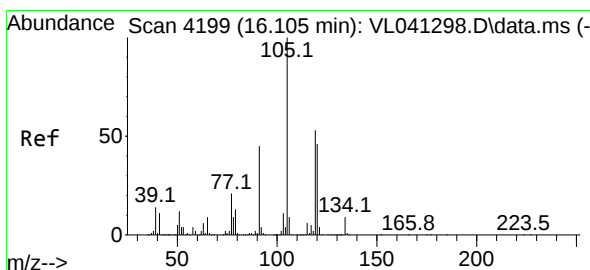
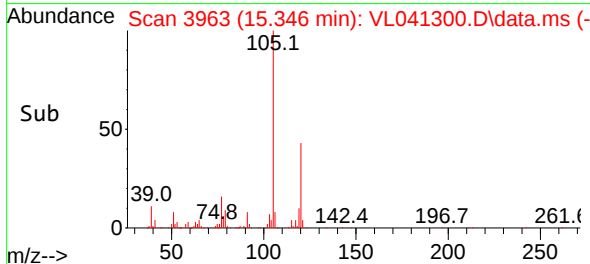
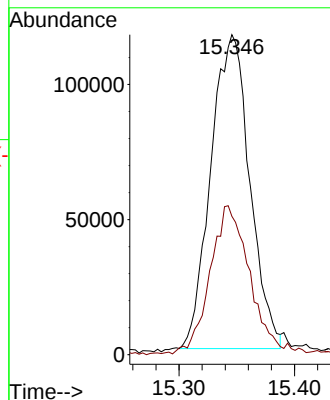
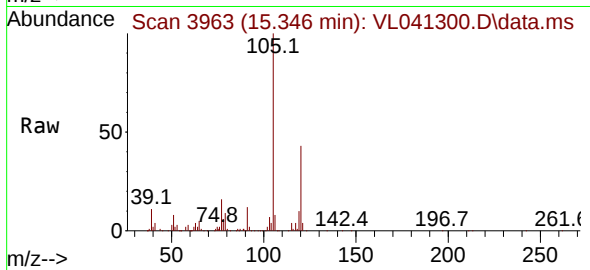
120 41.8 37.8 56.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#74

1,2,4-Trimethylbenzene

Concen: 1.075 ppbv

RT: 16.095 min Scan# 4196

Delta R.T. -0.010 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Tgt Ion:105 Resp: 326021

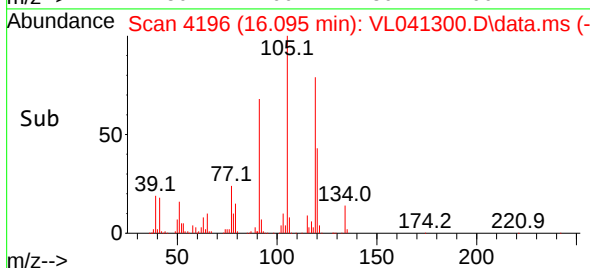
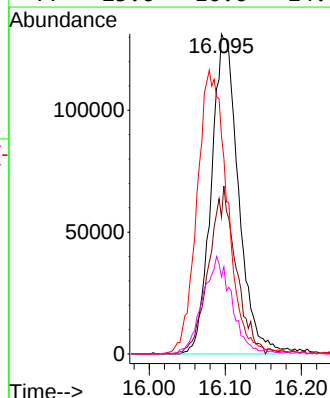
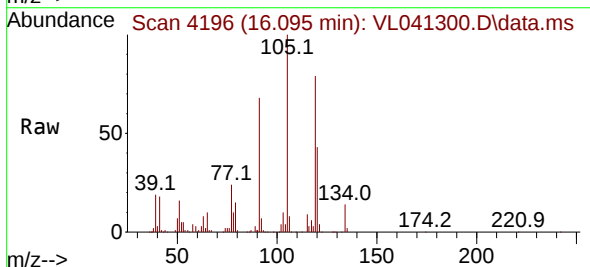
Ion Ratio Lower Upper

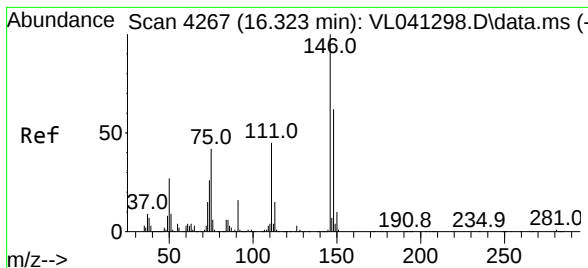
105 100

120 42.1 37.0 55.6

91 67.1 36.2 54.4#

77 23.6 16.6 24.8





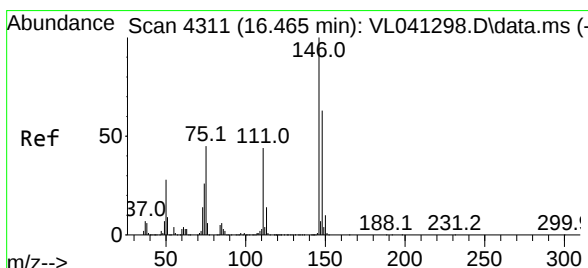
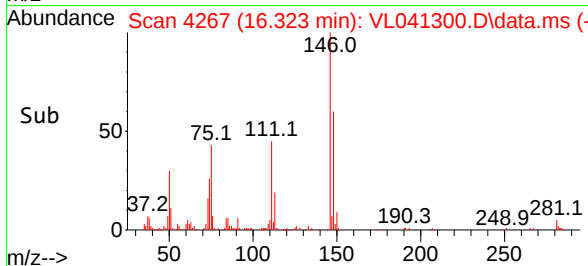
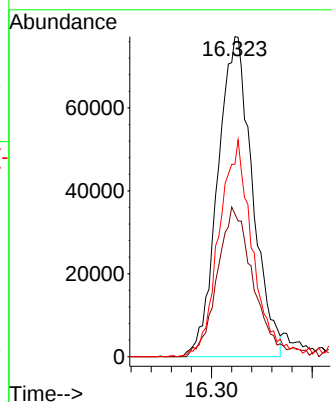
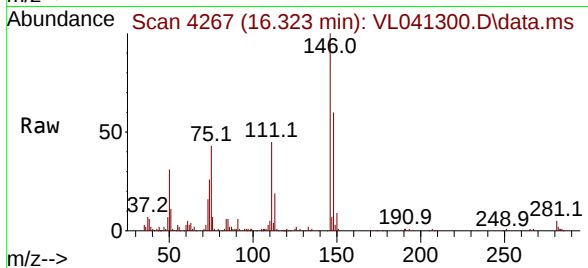
#75
1,3-Dichlorobenzene
Concen: 1.064 ppbv
RT: 16.323 min Scan# 4267
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Tgt Ion:146 Resp: 18500
Ion Ratio Lower Upper
146 100
111 49.3 23.3 69.8
148 65.7 32.2 96.6

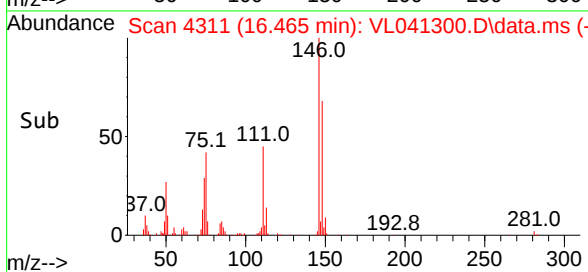
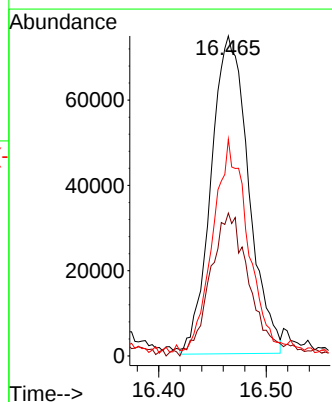
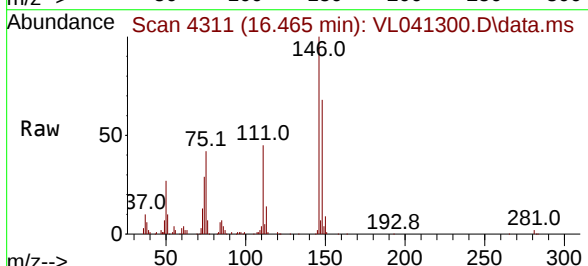
Manual Integrations
APPROVED

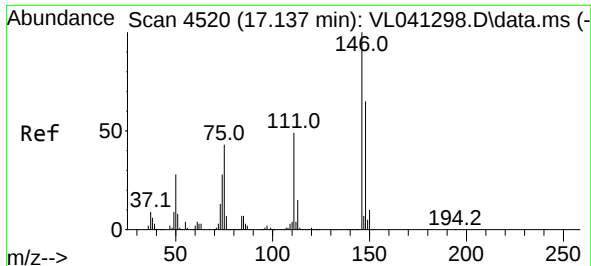
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024



#76
1,4-Dichlorobenzene
Concen: 1.084 ppbv
RT: 16.465 min Scan# 4311
Delta R.T. 0.000 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

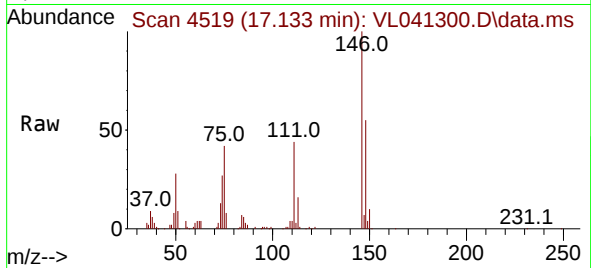
Tgt Ion:146 Resp: 181212
Ion Ratio Lower Upper
146 100
111 48.9 23.3 69.9
148 67.1 32.9 98.6





#77
1,2-Dichlorobenzene
Concen: 1.044 ppbv
RT: 17.133 min Scan# 4519
Delta R.T. -0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31

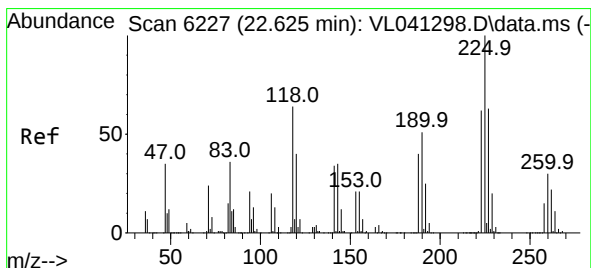
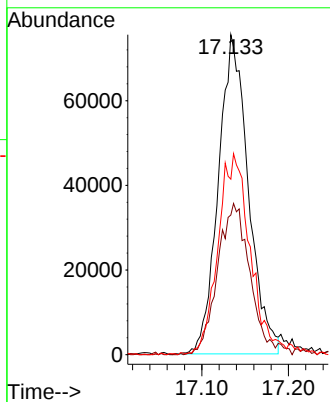
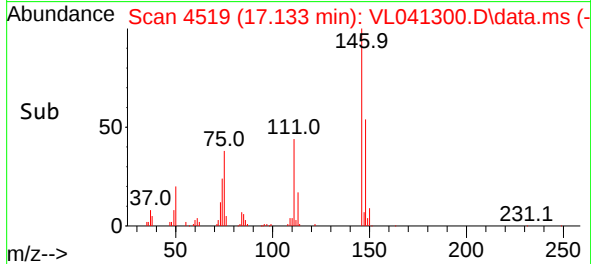
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC001



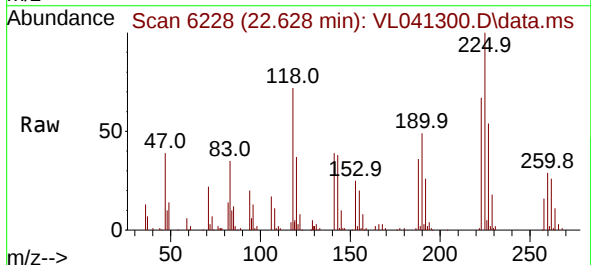
Tgt Ion:146 Resp: 181338
Ion Ratio Lower Upper
146 100
111 52.6 24.3 72.9
148 69.1 32.0 96.0

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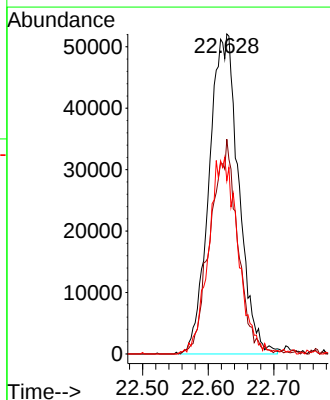
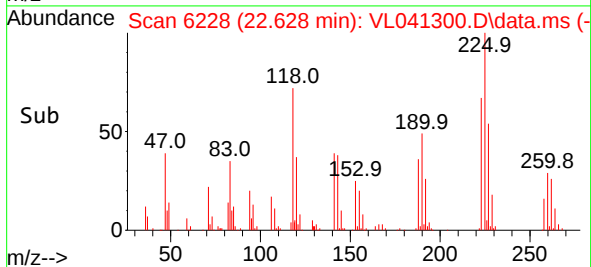
Reviewed By :Semsettin Yesilyurt 06/05/2024
Supervised By :Mahesh Dadoda 06/05/2024

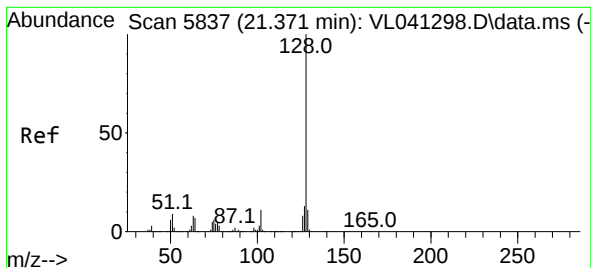


#78
Hexachloro-1,3-Butadiene
Concen: 1.056 ppbv m
RT: 22.628 min Scan# 6228
Delta R.T. 0.003 min
Lab File: VL041300.D
Acq: 4 Jun 2024 10:31



Tgt Ion:225 Resp: 163168
Ion Ratio Lower Upper
225 100
223 62.4 51.0 76.6
227 61.5 51.1 76.7





#79

Naphthalene

Concen: 0.933 ppbv

RT: 21.381 min Scan# 5840

Delta R.T. 0.010 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC001

Tgt Ion:128 Resp: 269330

Ion Ratio Lower Upper

128 100

127 14.4 10.5 15.7

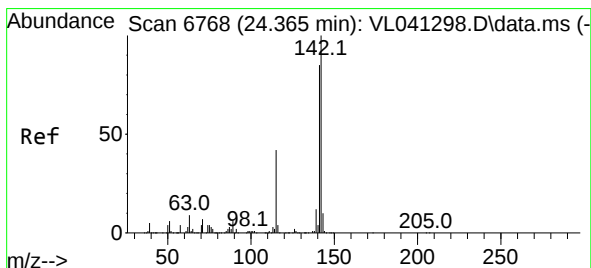
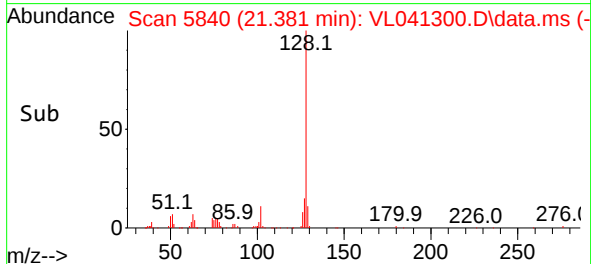
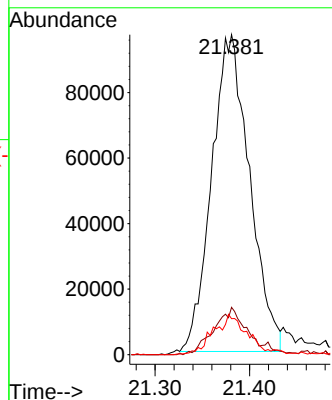
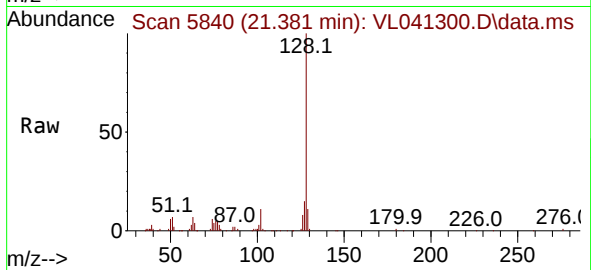
129 11.1 9.1 13.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/05/2024

Supervised By :Mahesh Dadoda 06/05/2024



#80

Naphthalene,2-methyl-

Concen: 0.540 ppbv

RT: 24.368 min Scan# 6769

Delta R.T. 0.003 min

Lab File: VL041300.D

Acq: 4 Jun 2024 10:31

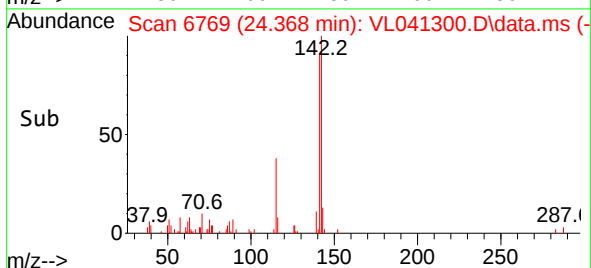
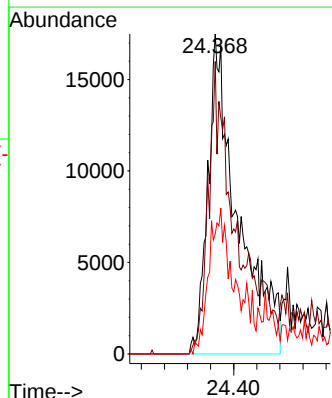
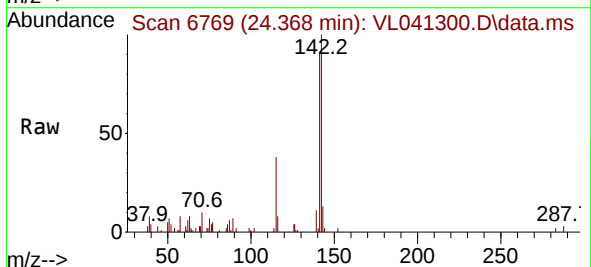
Tgt Ion:142 Resp: 62678

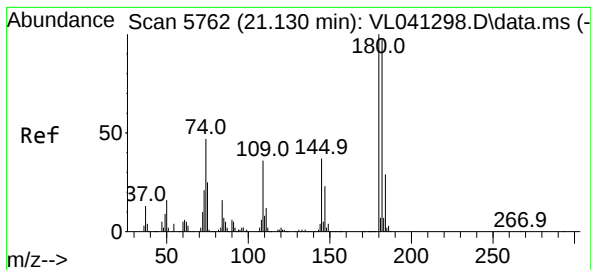
Ion Ratio Lower Upper

142 100

141 95.8 68.5 102.7

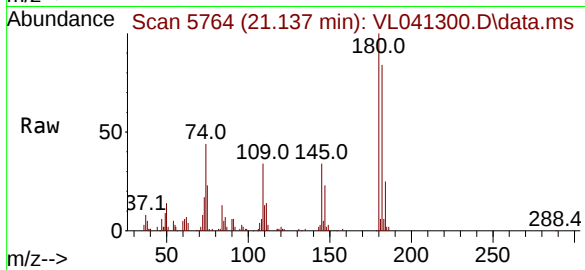
115 33.7 32.6 49.0





#81
 1,2,4-Trichlorobenzene
 Concen: 0.968 ppbv
 RT: 21.137 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VL041300.D
 Acq: 4 Jun 2024 10:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 147494
 Ion Ratio Lower Upper
 180 100
 182 96.5 77.0 115.6
 184 30.4 0.0 0.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/05/2024
 Supervised By :Mahesh Dadoda 06/05/2024

