

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121924\
 Data File : VL041818.D
 Acq On : 19 Dec 2024 13:16
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Quant Time: Dec 20 01:39:33 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

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

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 12/20/2024
 Supervised By : Mahesh Dadoda 12/20/2024

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

Internal Standards						
1) Bromochloromethane	2.787	49	82770	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	200154	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	174346	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.381 95 149792 10.310 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.100%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.499	85	111190	7.550	ppbv	96
3) Chlorodifluoromethane	1.477	51	125153	9.272	ppbv	100
4) Chloromethane	1.532	50	53436	9.273	ppbv	96
5) Vinyl Chloride	1.580	62	50121	8.633	ppbv	99
6) Bromomethane	1.668	94	24007	8.763	ppbv	97
7) Chloroethane	1.706	64	20386	9.039	ppbv	94
8) Dichlorotetrafluoroethane	1.554	85	116105	8.808	ppbv	95
9) Propene	1.483	41	46299	7.914	ppbv	97
10) Heptane	4.982	43	129813	8.638	ppbv	100
11) Trichlorofluoromethane	1.878	101	137594	8.796	ppbv	95
12) 1,1,2-Trichlorotrifluo...	2.140	101	102897	8.648	ppbv	96
13) Ethanol	1.723	45	3542m	7.312	ppbv	
14) Bromoethene	1.781	108	34621	8.619	ppbv	98
15) Acetone	1.836	43	123691	7.680	ppbv	97
16) 1,3-Butadiene	1.609	39	58138	9.168	ppbv	96
17) tert-Butyl alcohol	2.040	59	140369	8.786	ppbv	99
18) 1,1-Dichloroethene	2.033	96	42316	8.483	ppbv	90
19) Isopropyl Alcohol	1.888	45	69994	7.243	ppbv #	37
20) Methylene Chloride	2.062	84	38558	8.396	ppbv	91
21) Allyl Chloride	2.098	41	81129	9.289	ppbv	98
22) trans-1,2-Dichloroethene	2.341	96	48350	8.468	ppbv	97
23) Vinyl Acetate	2.464	43	62170	8.314	ppbv #	97
24) 1,1-Dichloroethane	2.409	63	104810	9.068	ppbv	100
25) Ethyl Acetate	2.836	43	272982	9.112	ppbv	100
26) Hexane	2.826	57	98534	8.667	ppbv	93
27) Carbon Disulfide	2.153	76	89868	8.772	ppbv	98
28) Methyl tert-Butyl Ether	2.441	73	70625	7.657	ppbv	96
29) Chloroform	2.849	83	157908	9.114	ppbv	98
30) Cyclohexane	3.859	84	79194	8.186	ppbv	96
31) cis-1,2-Dichloroethene	2.723	61	100323	8.539	ppbv	98
32) 1,1,1-Trichloroethane	3.370	97	151902	8.624	ppbv	98
34) 2-Butanone	2.558	43	156952	9.747	ppbv	99
35) Carbon Tetrachloride	3.765	117	152814	10.755	ppbv	99
36) Benzene	3.658	78	196330	9.483	ppbv	99
37) 1,2-Dichloroethane	3.221	62	129068	10.019	ppbv	100
38) Trichloroethene	4.551	130	74447	8.471	ppbv	92
39) 1,2-Dichloropropane	4.318	63	71700	9.575	ppbv	96
40) 1,4-Dioxane	4.584	88	33486	9.154	ppbv #	94
41) Tetrahydrofuran	3.056	42	85350	9.461	ppbv	99
42) Bromodichloromethane	4.493	83	152475	10.288	ppbv	99
43) Methyl Methacrylate	4.888	69	72474	9.187	ppbv	96
44) 2,2,4-Trimethylpentane	4.645	57	342795	9.695	ppbv	97
45) t-1,3-Dichloropropene	6.419	75	71286m	8.736	ppbv	

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

Quant Time: Dec 20 01:39:33 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M

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

QLast Update : Thu Dec 19 07:32:09 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	5.607	75	92324	8.913	ppbv	97
47) 1,1,2-Trichloroethane	6.587	97	74497	9.525	ppbv	93
48) Dibromochloromethane	7.393	129	109136	10.219	ppbv	98
49) Bromoform	9.487	173	89782	10.270	ppbv	99
50) 4-Methyl-2-Pentanone	5.762	43	213582	9.742	ppbv	97
51) 2-Hexanone	7.442	43	168674	9.491	ppbv #	97
52) Tetrachloroethene	8.228	164	63740	8.271	ppbv	96
53) Toluene	6.940	91	207460	8.838	ppbv	99
54) 1,2-Dibromoethane	7.655	107	101907	9.456	ppbv	99
56) 1,1,1,2-Tetrachloroethane	8.931	131	97552	10.554	ppbv	99
57) Chlorobenzene	8.927	112	172549	9.672	ppbv	99
58) Ethyl Benzene	9.358	91	301914	9.619	ppbv	98
59) m/p-Xylene	9.552	91	512257m	20.297	ppbv	
60) o-Xylene	9.966	91	253450	10.014	ppbv	100
61) Styrene	9.876	104	107800	9.850	ppbv	99
62) Isopropylbenzene	10.542	105	379023	9.968	ppbv	100
63) 1,1,2,2-Tetrachloroethane	9.966	83	163931	10.348	ppbv	99
64) n-propylbenzene	10.992	120	98807	10.277	ppbv	100
65) tert-Butylbenzene	11.536	119	339253	9.889	ppbv	98
66) Benzyl Chloride	11.620	91	25904	8.572	ppbv	98
67) sec-Butylbenzene	11.772	105	482064	10.154	ppbv	99
69) p-Isopropyltoluene	11.928	119	397685	10.165	ppbv	99
70) n-Butylbenzene	12.284	91	398384	10.539	ppbv	100
71) 2-Chlorotoluene	10.905	91	289210	9.964	ppbv	99
72) 4-Ethyltoluene	11.128	105	313014	10.478	ppbv	99
73) 1,3,5-Trimethylbenzene	11.206	105	264997	10.692	ppbv	95
74) 1,2,4-Trimethylbenzene	11.539	105	291508	10.937	ppbv	92
75) 1,3-Dichlorobenzene	11.611	146	170226	10.017	ppbv	99
76) 1,4-Dichlorobenzene	11.675	146	169203	10.079	ppbv	99
77) 1,2-Dichlorobenzene	11.950	146	161579	9.882	ppbv	99
78) Hexachloro-1,3-Butadiene	13.886	225	97824	8.069	ppbv	99
79) Naphthalene	13.517	128	206055	11.095	ppbv	99
80) Naphthalene,2-methyl-	14.462	142	87758	15.278	ppbv	99
81) 1,2,4-Trichlorobenzene	13.442	180	95272	9.388	ppbv	99

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

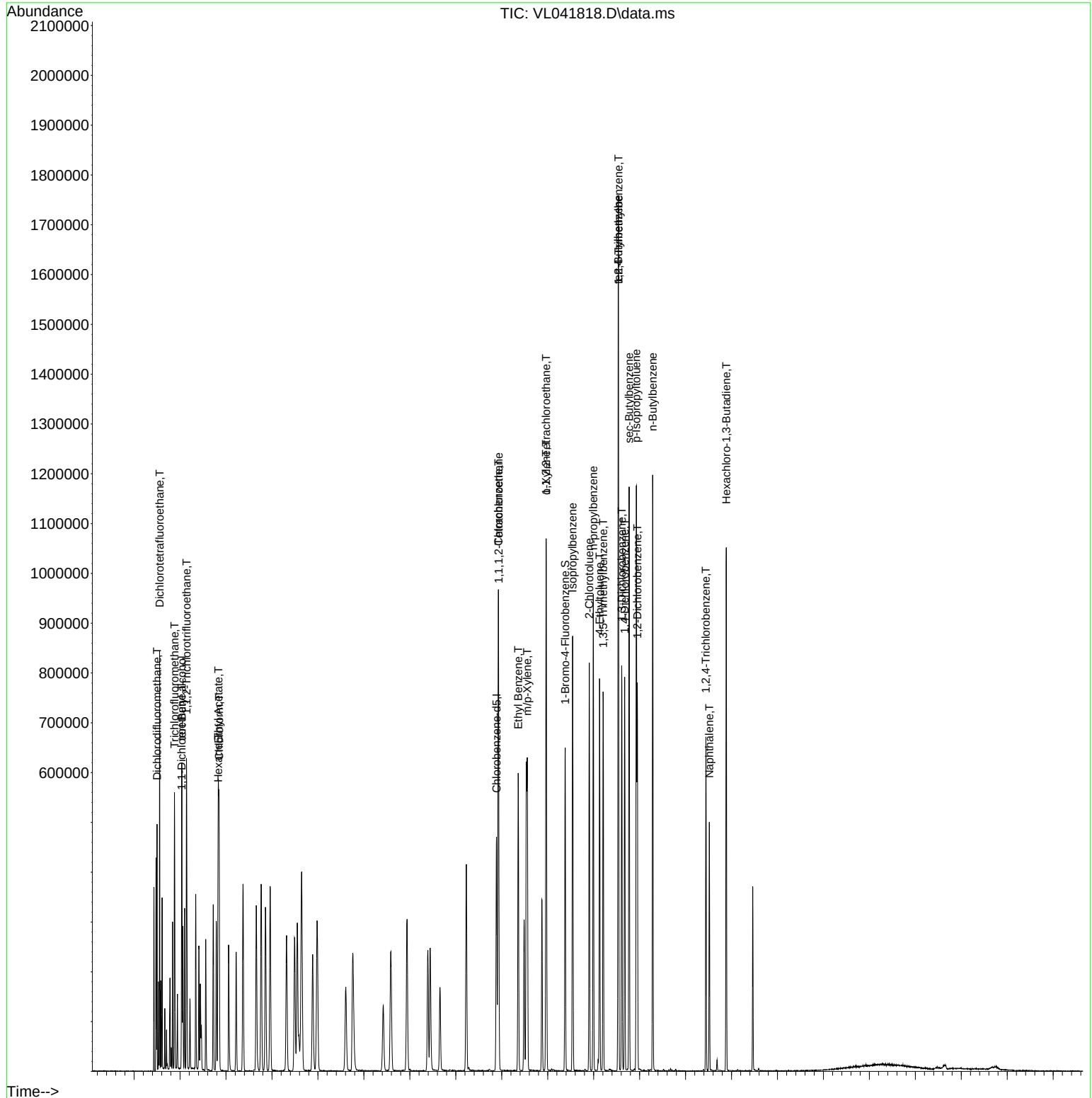
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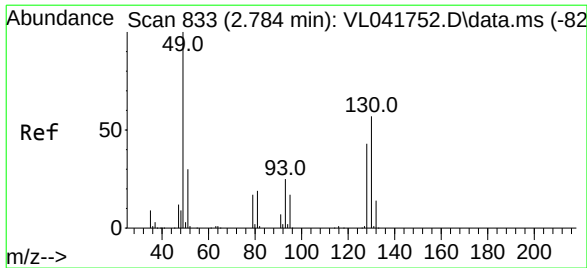
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

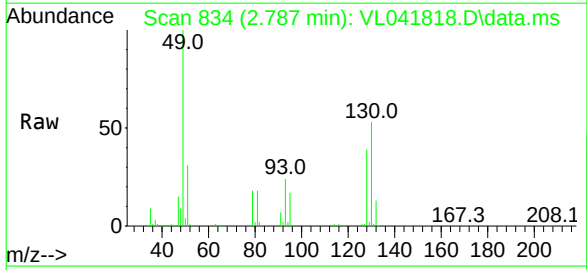
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121624AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Dec 19 07:32:09 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 2.787 min Scan# 833
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

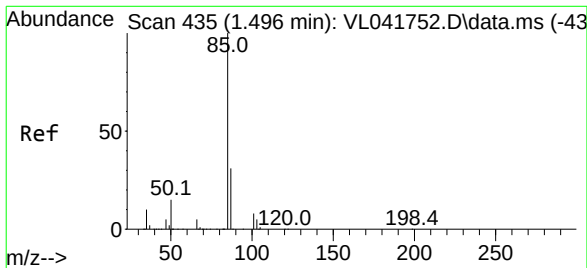
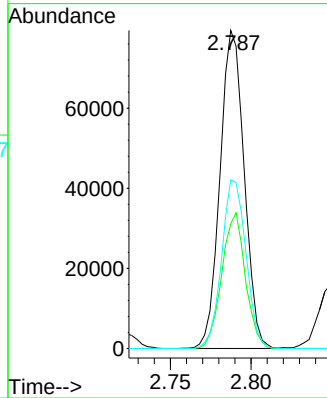
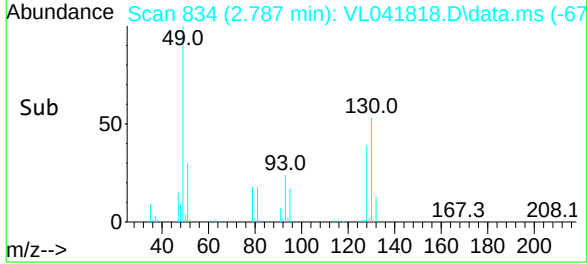
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 82770
Ion Ratio Lower Upper
49 100
128 41.4 21.6 64.6
130 53.2 28.3 85.0

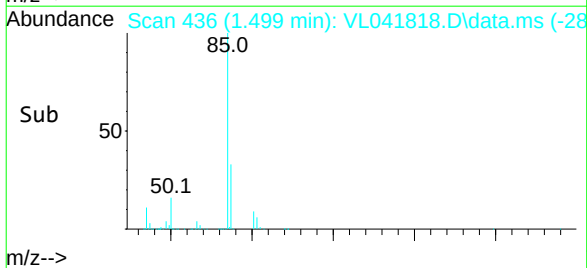
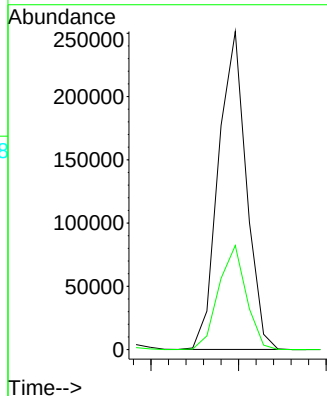
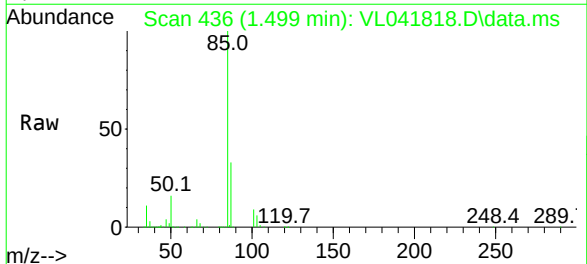
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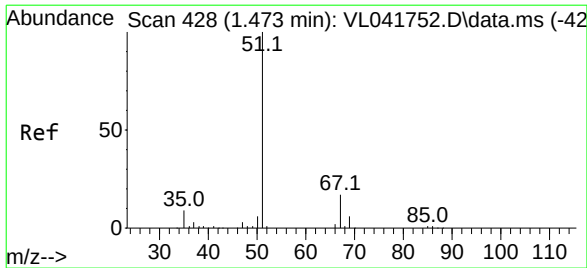
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#2
Dichlorodifluoromethane
Concen: 7.550 ppbv
RT: 1.499 min Scan# 436
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

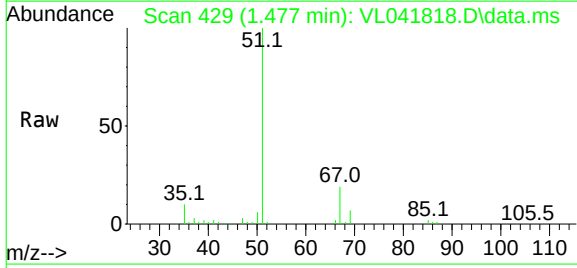
Tgt Ion: 85 Resp: 111190
Ion Ratio Lower Upper
85 100
87 32.7 24.5 36.7





#3
Chlorodifluoromethane
Concen: 9.272 ppbv
RT: 1.477 min Scan# 428
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

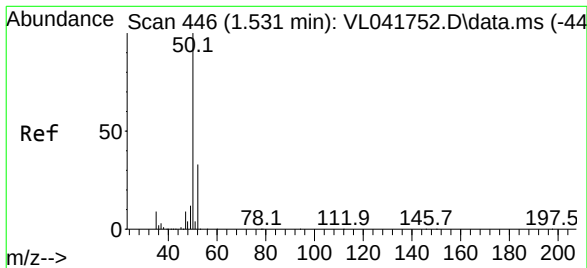
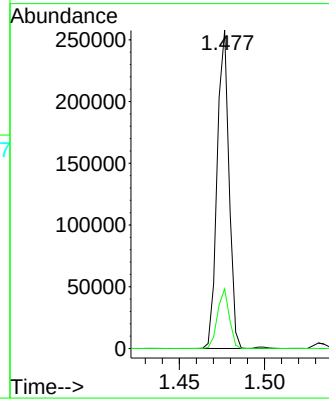
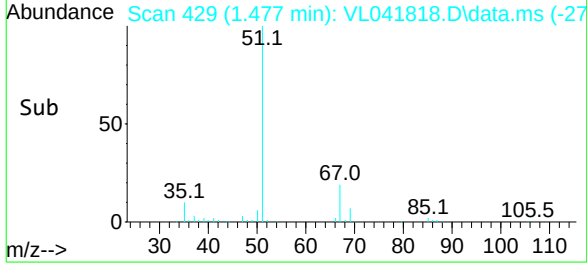
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 125153
Ion Ratio Lower Upper
51 100
67 18.5 15.0 22.4

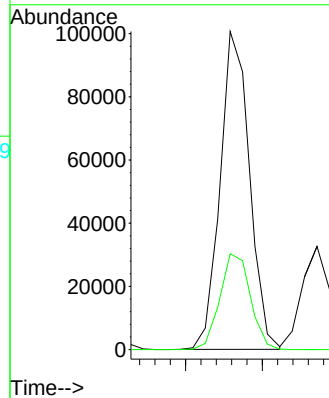
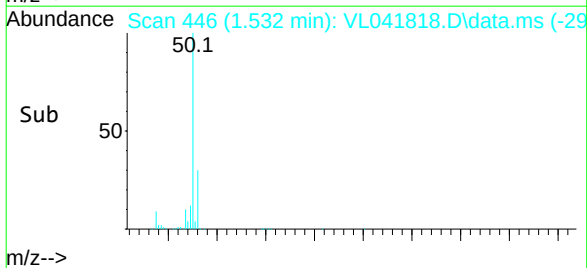
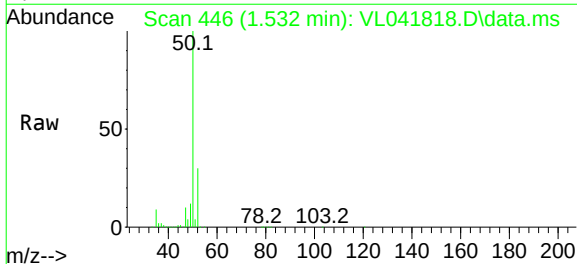
Manual Integrations
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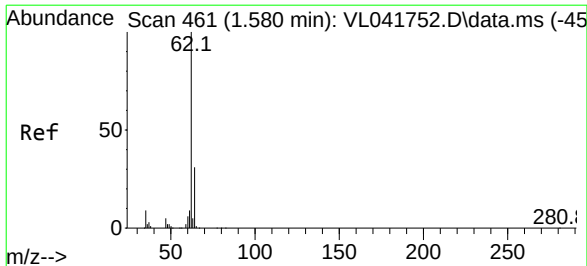
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#4
Chloromethane
Concen: 9.273 ppbv
RT: 1.532 min Scan# 446
Delta R.T. 0.000 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

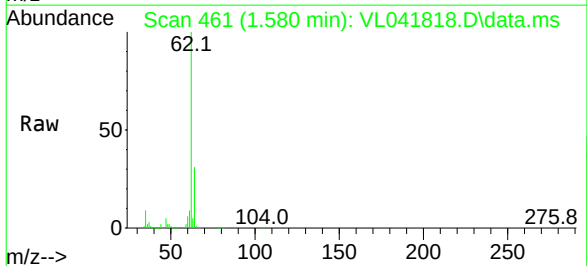
Tgt Ion: 50 Resp: 53436
Ion Ratio Lower Upper
50 100
52 30.2 26.2 39.2





#5
 Vinyl Chloride
 Concen: 8.633 ppbv
 RT: 1.580 min Scan# 461
 Delta R.T. 0.000 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

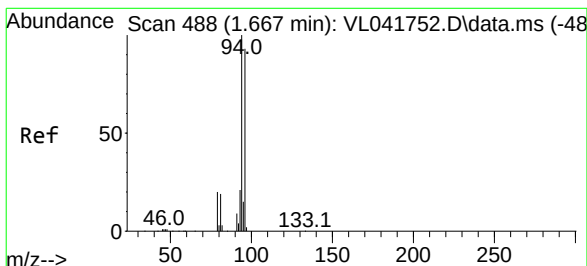
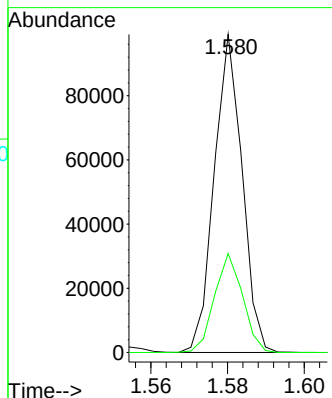
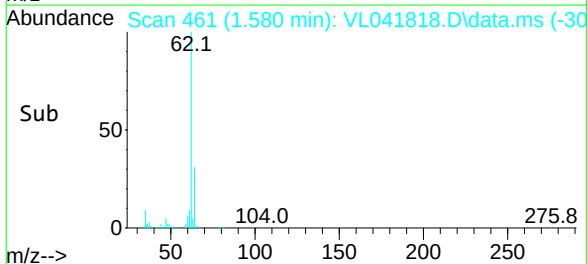
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 50121
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.1 37.7

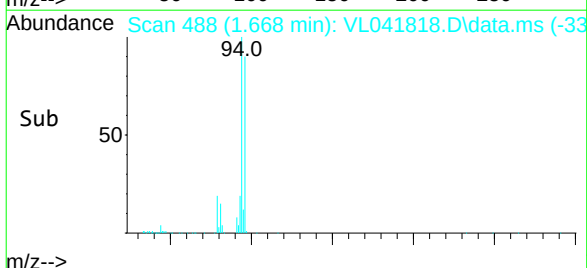
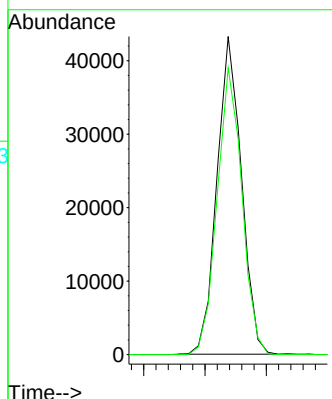
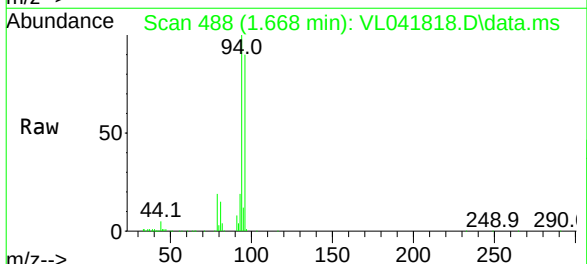
Manual Integrations
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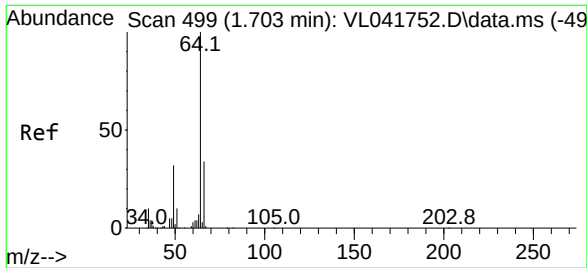
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#6
 Bromomethane
 Concen: 8.763 ppbv
 RT: 1.668 min Scan# 488
 Delta R.T. 0.000 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

Tgt Ion: 94 Resp: 24007
 Ion Ratio Lower Upper
 94 100
 96 90.3 74.7 112.1





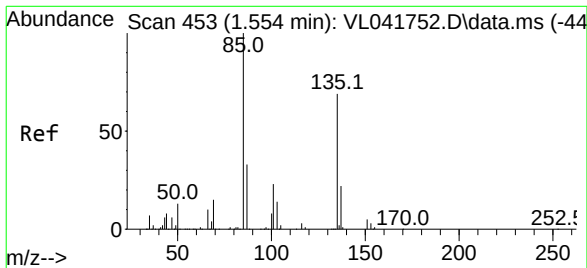
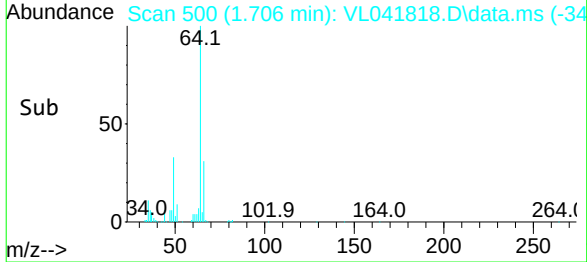
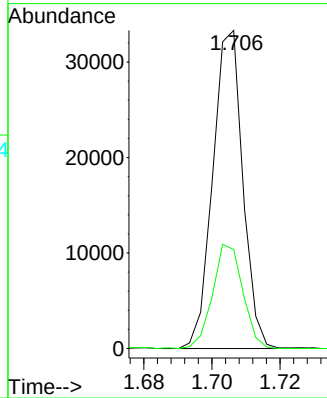
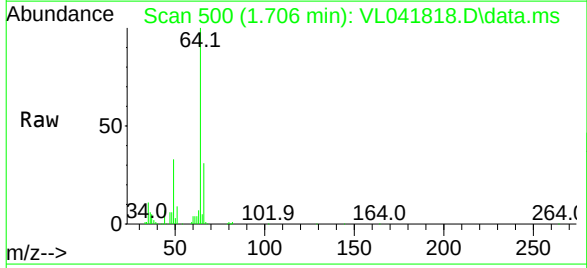
#7
Chloroethane
Concen: 9.039 ppbv
RT: 1.706 min Scan# 50
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 20386
Ion Ratio Lower Upper
64 100
66 31.1 27.5 41.3

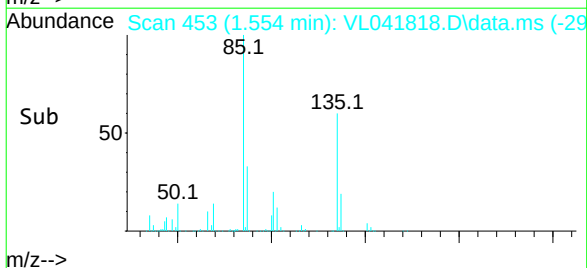
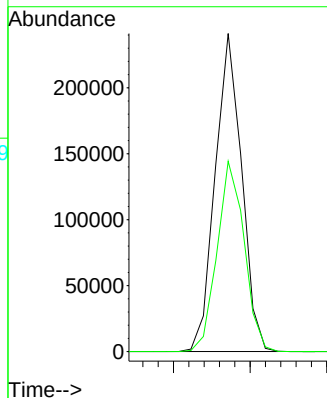
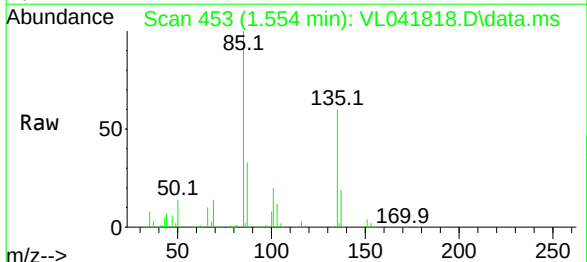
Manual Integrations
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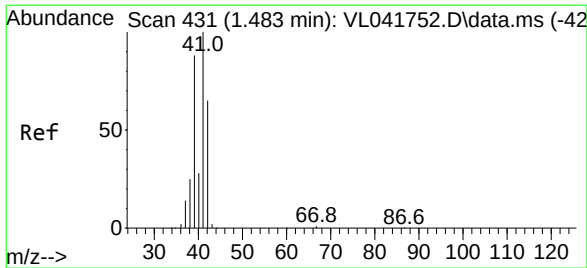
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#8
Dichlorotetrafluoroethane
Concen: 8.808 ppbv
RT: 1.554 min Scan# 453
Delta R.T. 0.000 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion: 85 Resp: 116105
Ion Ratio Lower Upper
85 100
135 61.2 51.9 77.9





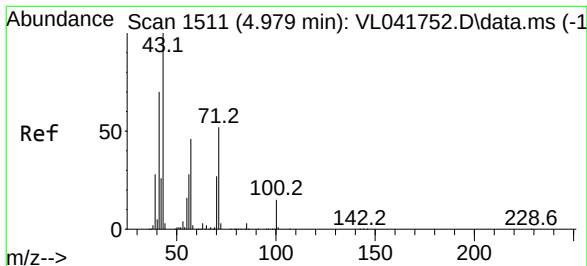
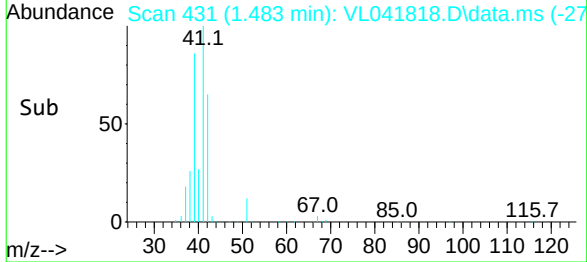
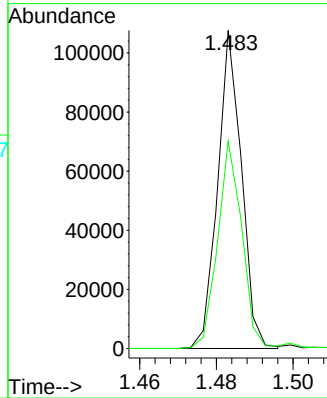
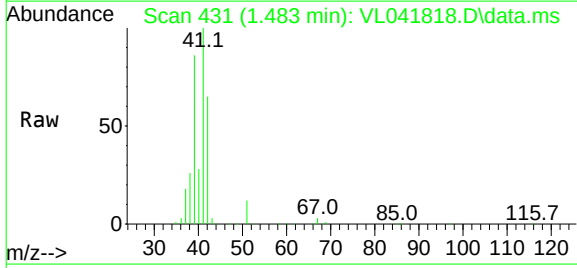
#9
Propene
Concen: 7.914 ppbv
RT: 1.483 min Scan# 431
Delta R.T. 0.000 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 46299
Ion Ratio Lower Upper
41 100
42 68.0 52.4 78.6

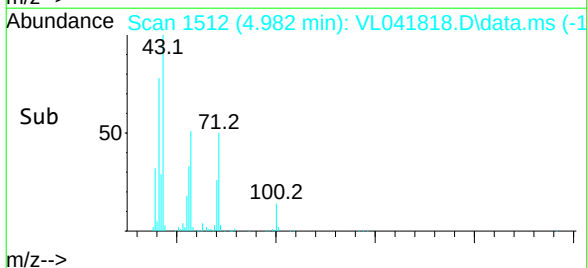
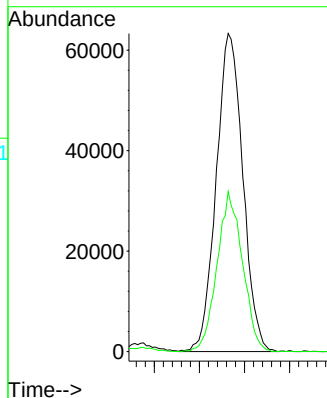
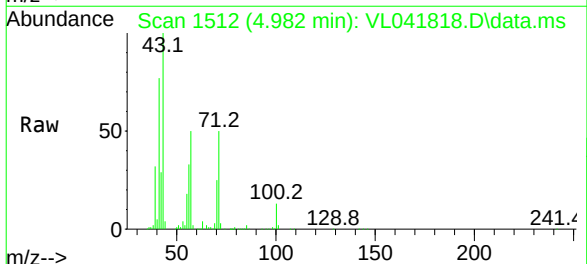
Manual Integrations
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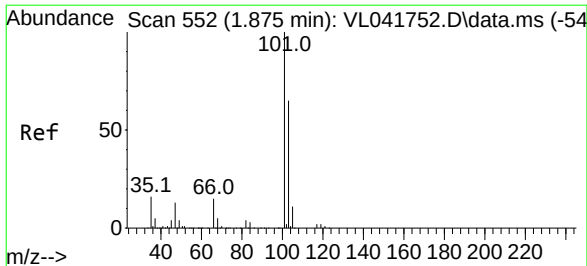
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#10
Heptane
Concen: 8.638 ppbv
RT: 4.982 min Scan# 1512
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion: 43 Resp: 129813
Ion Ratio Lower Upper
43 100
57 48.0 38.5 57.7





#11

Trichlorofluoromethane

Concen: 8.796 ppbv

RT: 1.878 min Scan# 55

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:101 Resp: 137594

Ion Ratio Lower Upper

101 100

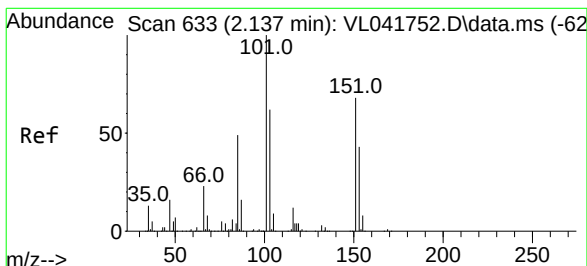
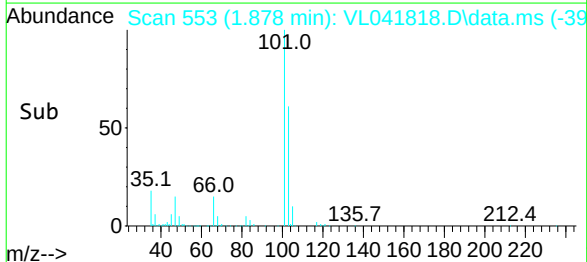
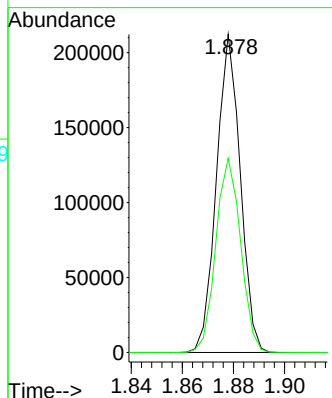
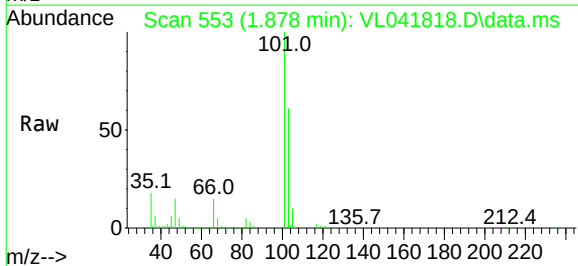
103 61.0 51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#12

1,1,2-Trichlorotrifluoroethane

Concen: 8.648 ppbv

RT: 2.140 min Scan# 634

Delta R.T. 0.003 min

Lab File: VL041818.D

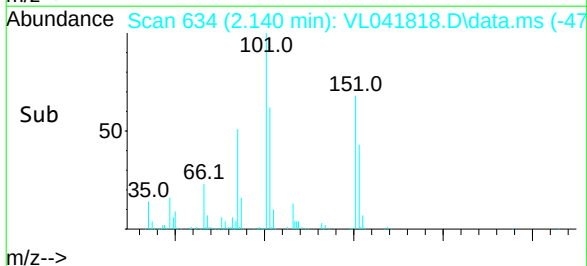
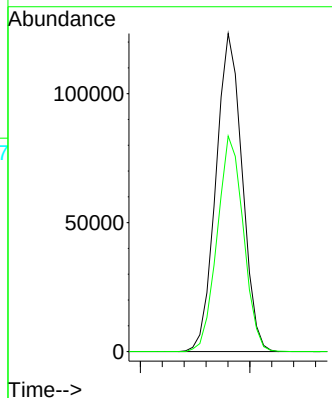
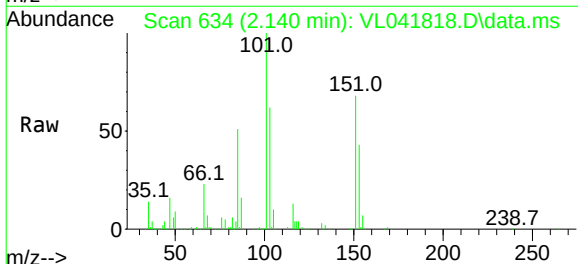
Acq: 19 Dec 2024 13:16

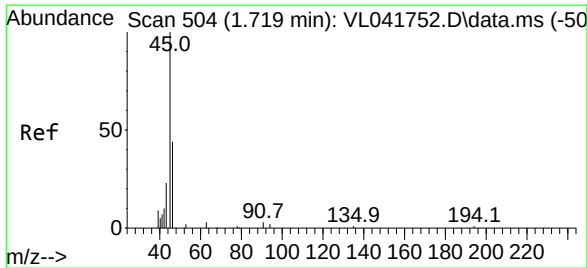
Tgt Ion:101 Resp: 102897

Ion Ratio Lower Upper

101 100

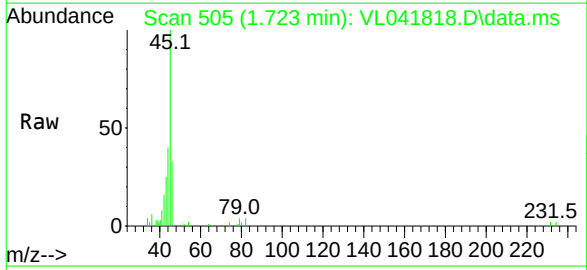
151 67.5 56.8 85.2





#13
Ethanol
Concen: 7.312 ppbv m
RT: 1.723 min Scan# 504
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

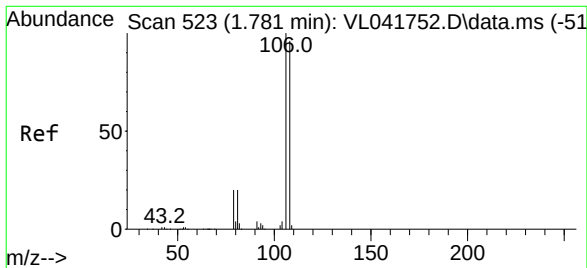
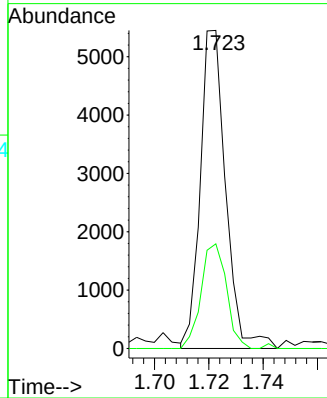
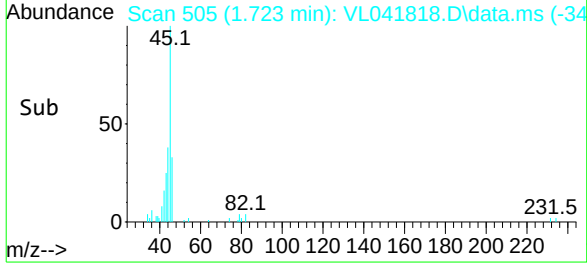
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



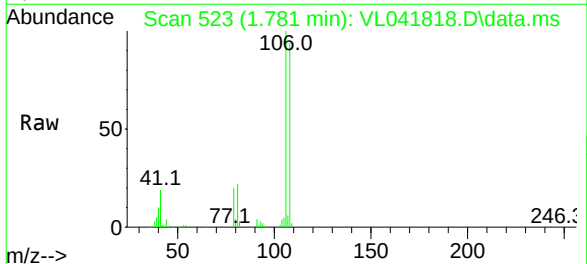
Tgt Ion: 45 Resp: 3542
Ion Ratio Lower Upper
45 100
46 33.4 16.4 65.8

Manual Integrations
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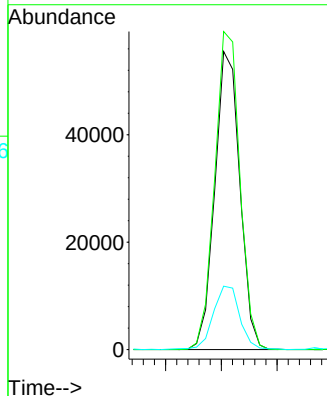
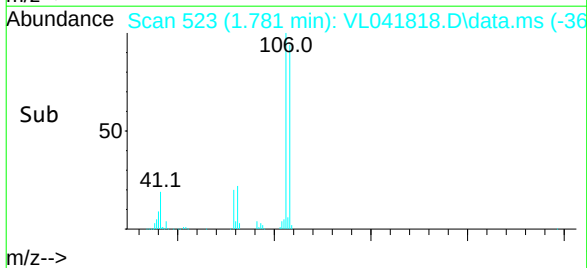
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

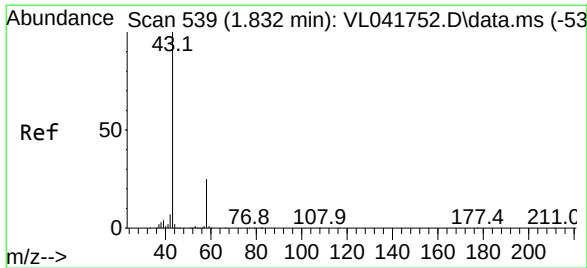


#14
Bromoethene
Concen: 8.619 ppbv
RT: 1.781 min Scan# 523
Delta R.T. 0.000 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16



Tgt Ion:108 Resp: 34621
Ion Ratio Lower Upper
108 100
106 107.5 84.1 126.1
79 22.5 17.4 26.0





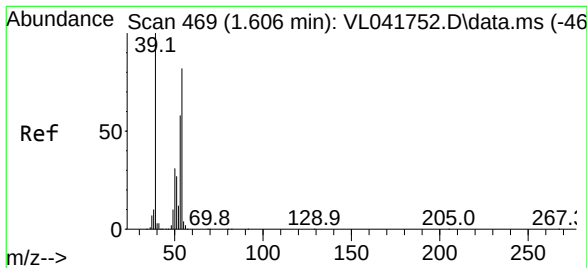
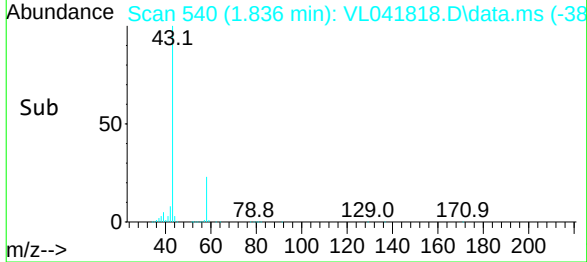
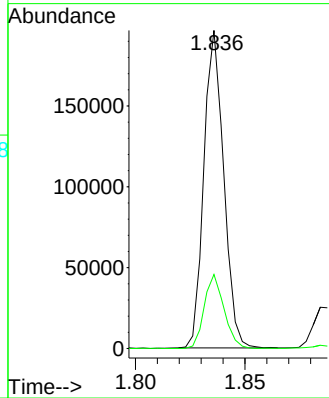
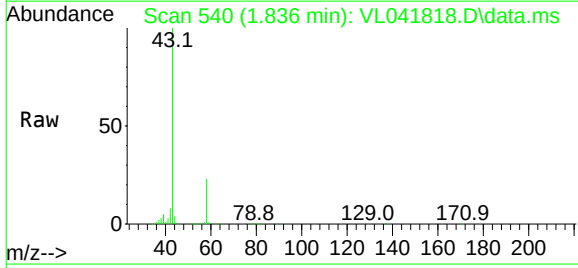
#15
Acetone
Concen: 7.680 ppbv
RT: 1.836 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 123691
Ion Ratio Lower Upper
43 100
58 23.3 19.7 29.5

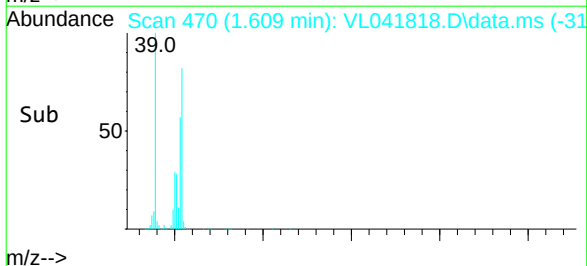
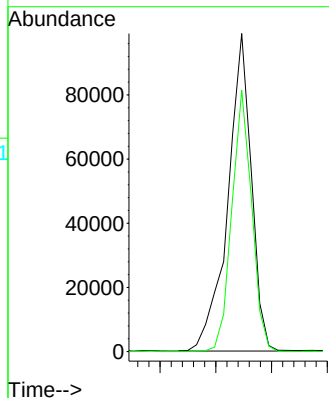
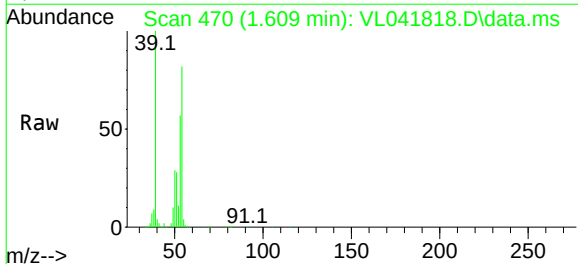
Manual Integrations
APPROVED

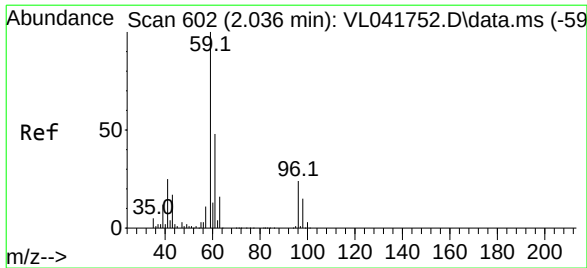
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#16
1,3-Butadiene
Concen: 9.168 ppbv
RT: 1.609 min Scan# 470
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion: 39 Resp: 58138
Ion Ratio Lower Upper
39 100
54 69.7 58.4 87.6





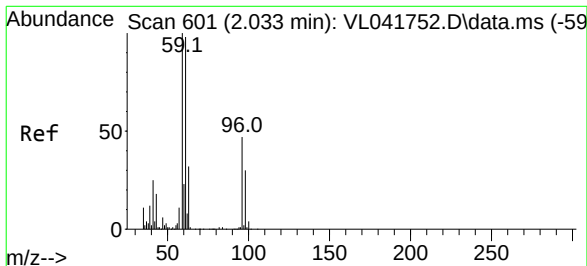
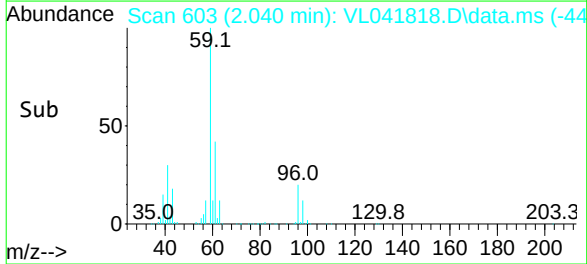
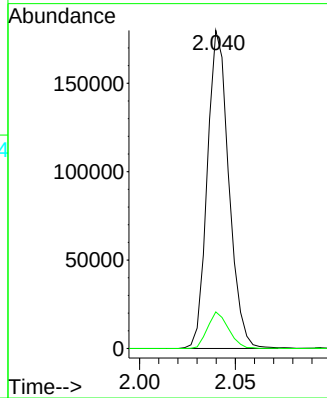
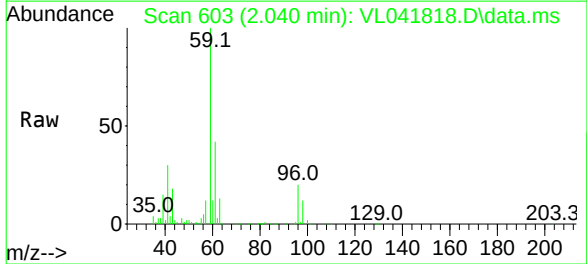
#17
tert-Butyl alcohol
Concen: 8.786 ppbv
RT: 2.040 min Scan# 602
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 140369
Ion Ratio Lower Upper
59 100
57 11.2 8.6 13.0

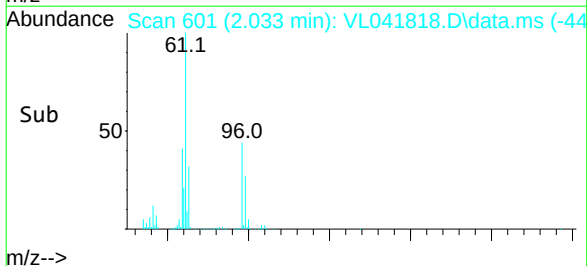
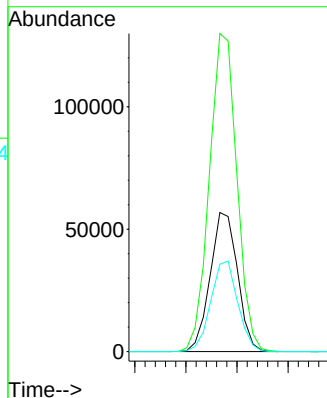
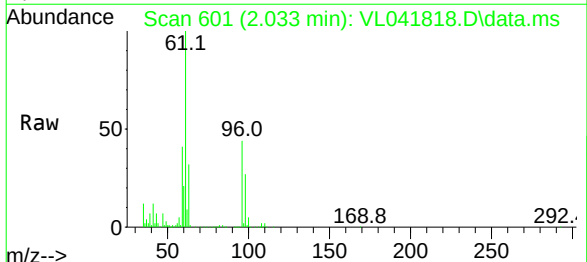
Manual Integrations
APPROVED

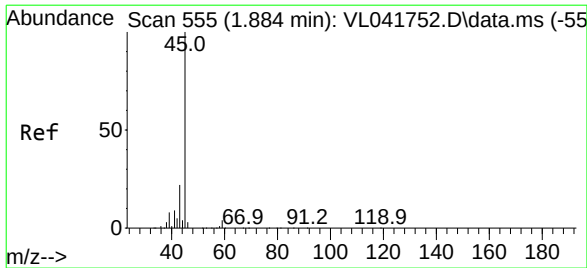
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#18
1,1-Dichloroethene
Concen: 8.483 ppbv
RT: 2.033 min Scan# 601
Delta R.T. 0.000 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion: 96 Resp: 42316
Ion Ratio Lower Upper
96 100
61 228.5 167.7 251.5
98 62.8 51.1 76.7





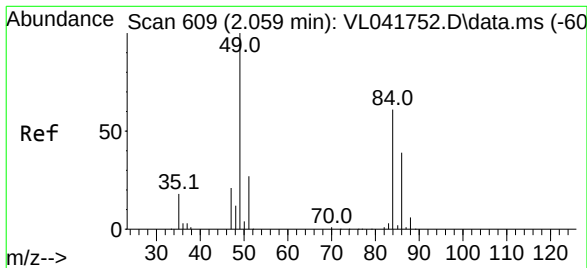
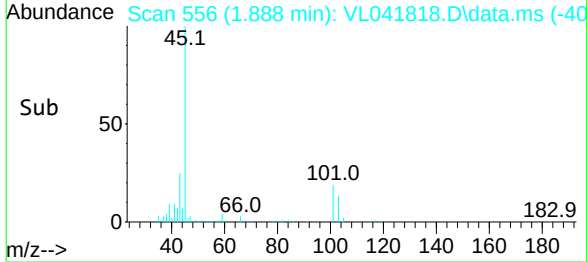
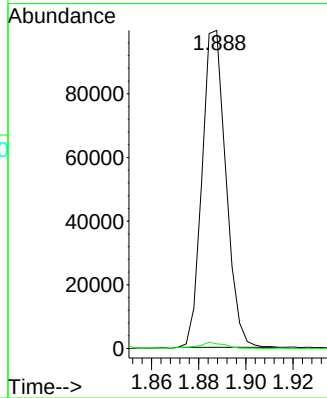
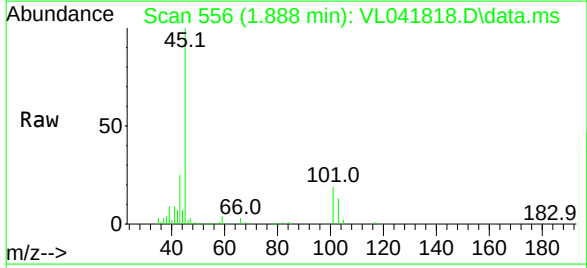
#19
Isopropyl Alcohol
Concen: 7.243 ppbv
RT: 1.888 min Scan# 555
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 45 Resp: 69994
Ion Ratio Lower Upper
45 100
58 2.2 33.3 49.9#

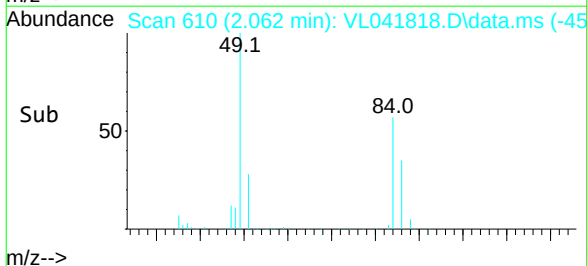
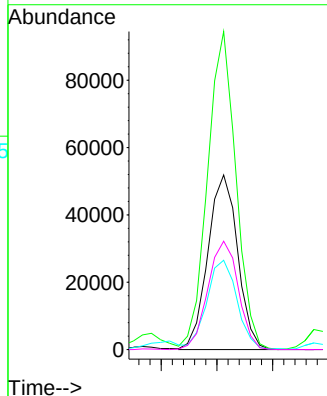
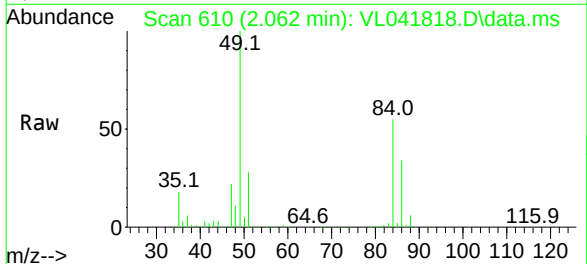
Manual Integrations
APPROVED

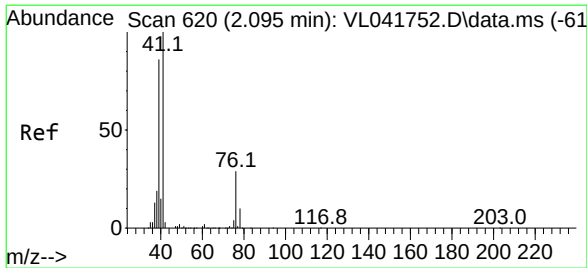
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#20
Methylene Chloride
Concen: 8.396 ppbv
RT: 2.062 min Scan# 610
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

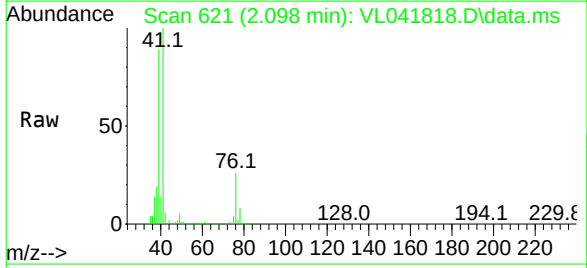
Tgt Ion: 84 Resp: 38558
Ion Ratio Lower Upper
84 100
49 182.0 132.6 198.8
51 50.6 37.6 56.4
86 62.1 51.4 77.0





#21
 Allyl Chloride
 Concen: 9.289 ppbv
 RT: 2.098 min Scan# 621
 Delta R.T. 0.003 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

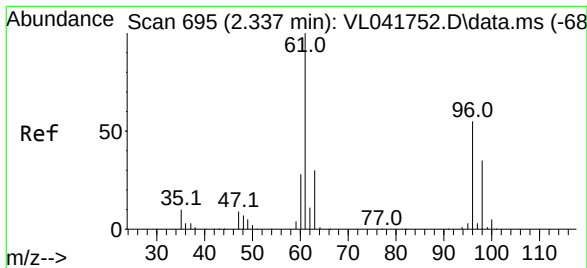
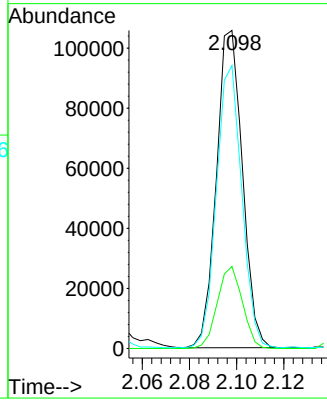
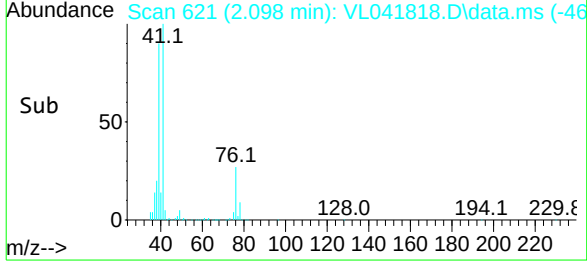
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



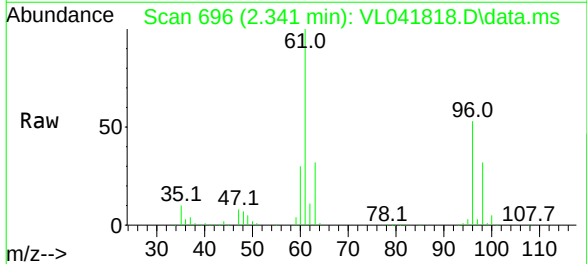
Tgt Ion: 41 Resp: 81129
 Ion Ratio Lower Upper
 41 100
 76 24.8 22.3 33.5
 39 87.0 69.2 103.8

Manual Integrations
 APPROVED

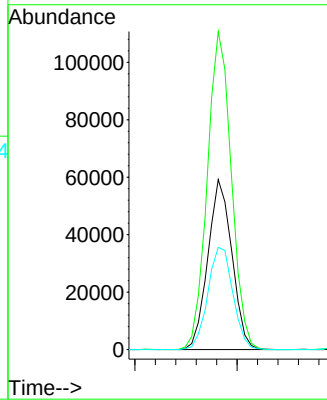
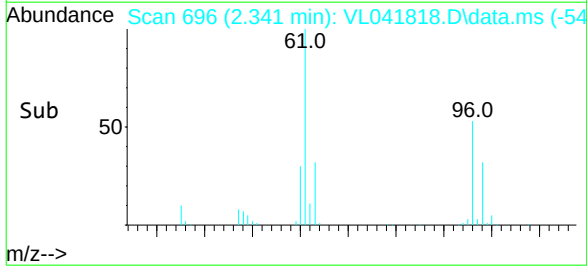
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024

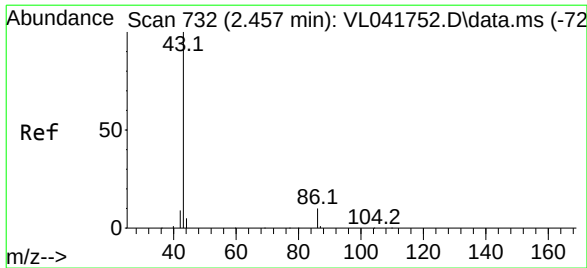


#22
 trans-1,2-Dichloroethene
 Concen: 8.468 ppbv
 RT: 2.341 min Scan# 696
 Delta R.T. 0.003 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16



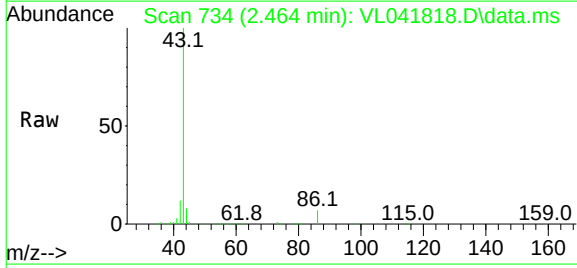
Tgt Ion: 96 Resp: 48350
 Ion Ratio Lower Upper
 96 100
 61 187.1 146.3 219.5
 98 60.1 50.8 76.2





#23
 Vinyl Acetate
 Concen: 8.314 ppbv
 RT: 2.464 min Scan# 732
 Delta R.T. 0.007 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

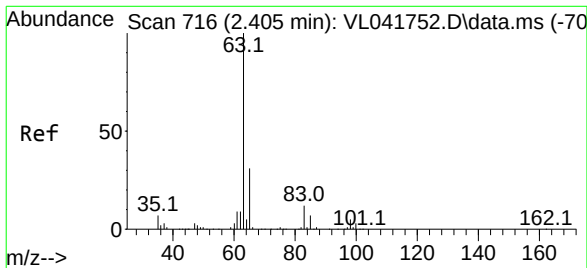
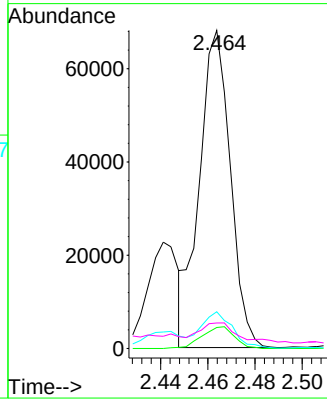
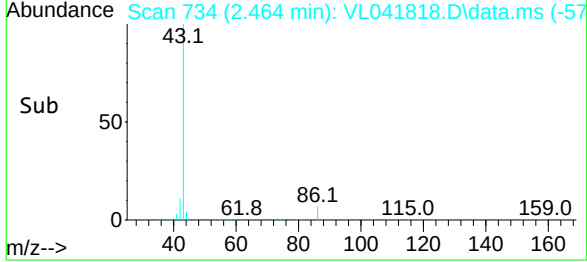
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43	Resp: 62170
Ion Ratio	Lower Upper
43	100
86	6.6 6.6 10.0
42	11.4 8.2 12.2
44	6.0 5.0 7.4

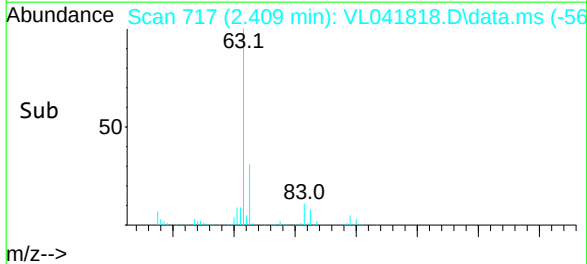
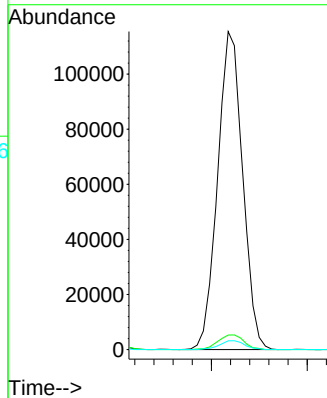
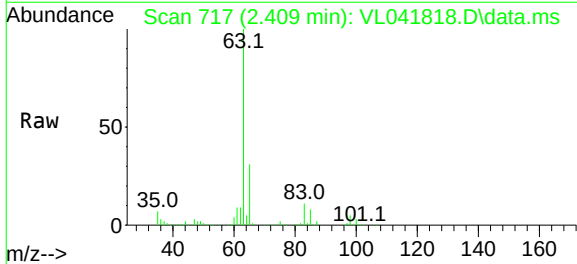
Manual Integrations
 APPROVED

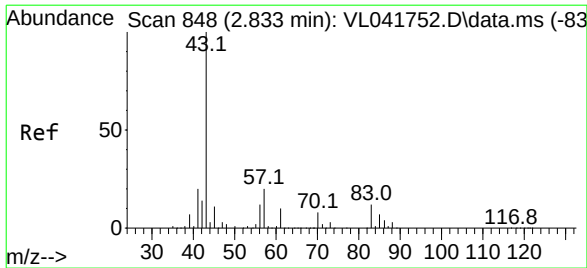
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#24
 1,1-Dichloroethane
 Concen: 9.068 ppbv
 RT: 2.409 min Scan# 717
 Delta R.T. 0.003 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

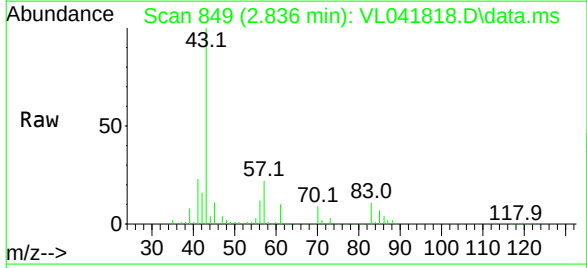
Tgt Ion: 63	Resp: 104810
Ion Ratio	Lower Upper
63	100
98	4.6 2.3 6.8
100	2.8 1.4 4.2





#25
Ethyl Acetate
Concen: 9.112 ppbv
RT: 2.836 min Scan# 84
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

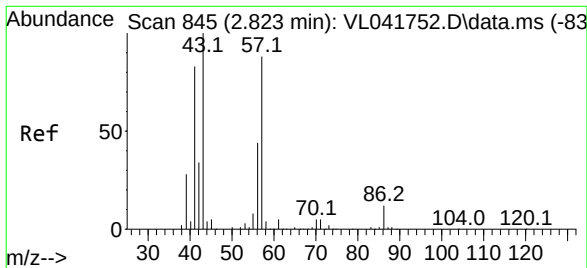
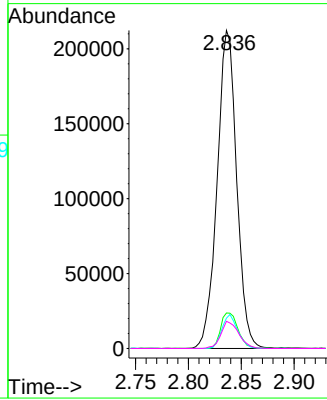
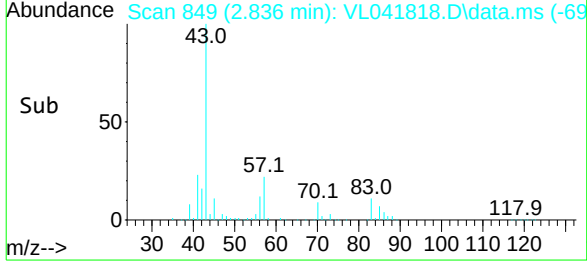
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion	Ratio	Lower	Upper
43	100		
45	10.0	8.1	12.1
61	8.7	7.0	10.6
70	7.8	6.5	9.7

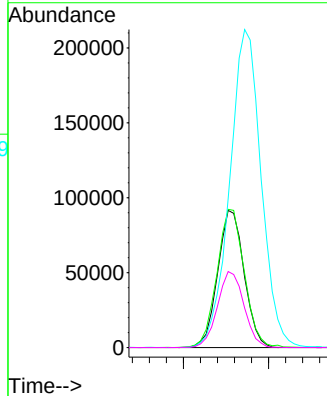
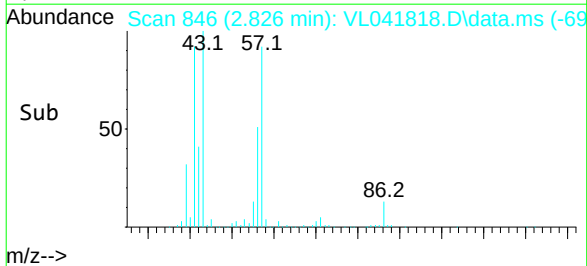
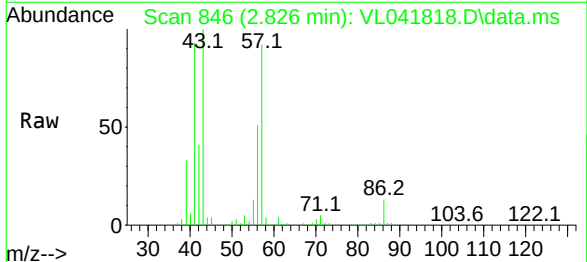
Manual Integrations
APPROVED

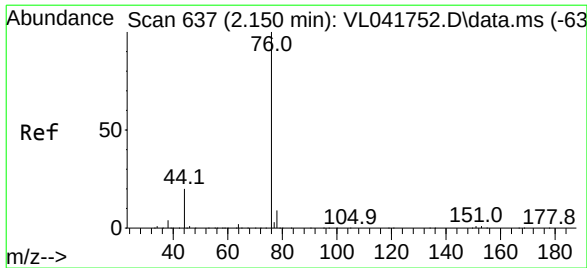
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#26
Hexane
Concen: 8.667 ppbv
RT: 2.826 min Scan# 846
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

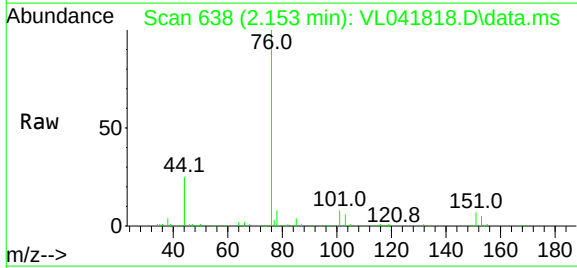
Tgt Ion	Ratio	Lower	Upper
57	100		
41	105.1	79.6	119.4
43	277.9	211.0	316.6
56	55.8	42.6	63.8





#27
Carbon Disulfide
Concen: 8.772 ppbv
RT: 2.153 min Scan# 637
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

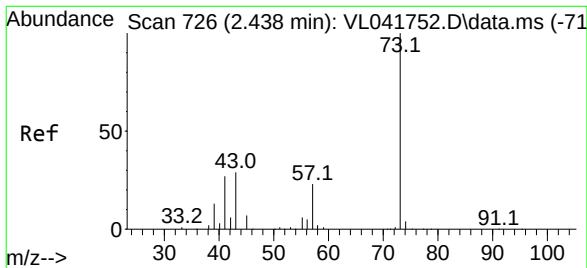
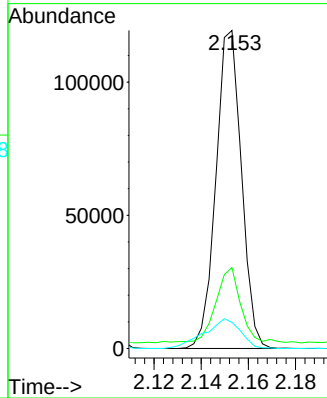
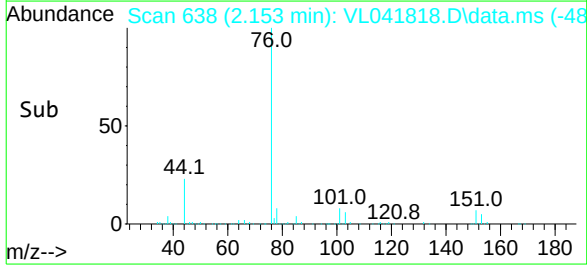
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 89868
Ion Ratio Lower Upper
76 100
44 23.1 17.6 26.4
78 13.2 10.2 15.4

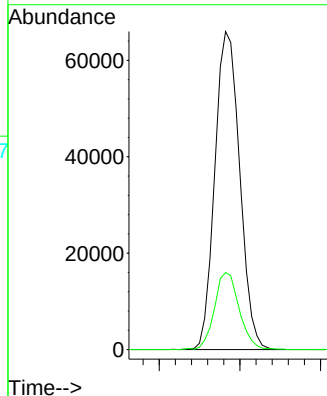
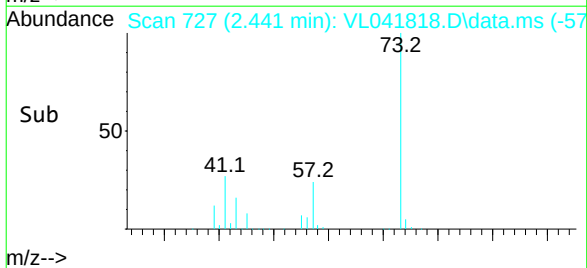
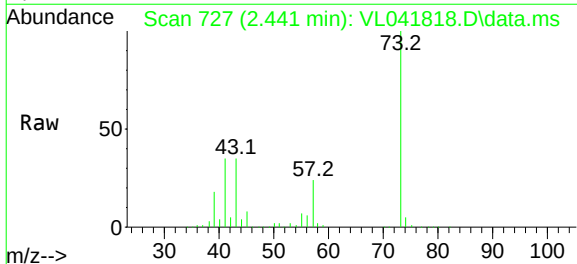
Manual Integrations
APPROVED

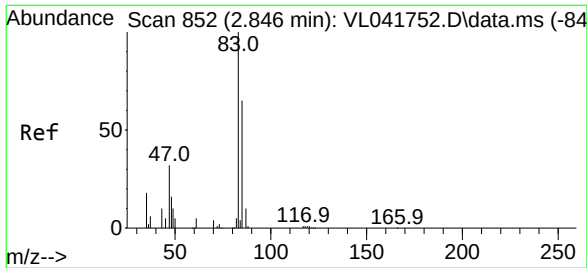
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#28
Methyl tert-Butyl Ether
Concen: 7.657 ppbv
RT: 2.441 min Scan# 727
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion: 73 Resp: 70625
Ion Ratio Lower Upper
73 100
57 24.1 17.6 26.4





#29

Chloroform

Concen: 9.114 ppbv

RT: 2.849 min Scan# 85

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 157908

Ion Ratio Lower Upper

83 100

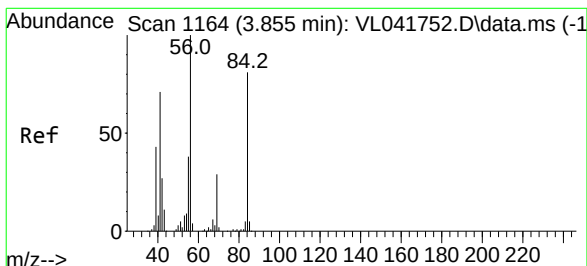
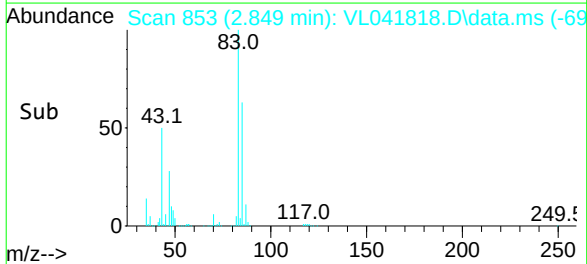
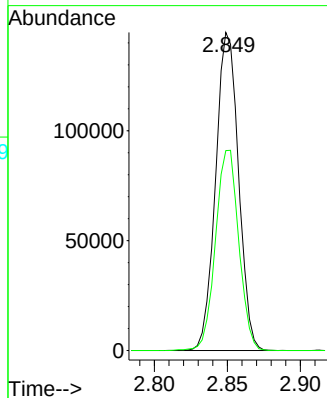
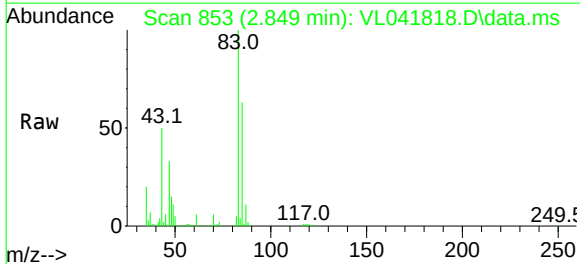
85 62.9 51.8 77.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#30

Cyclohexane

Concen: 8.186 ppbv

RT: 3.859 min Scan# 1165

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

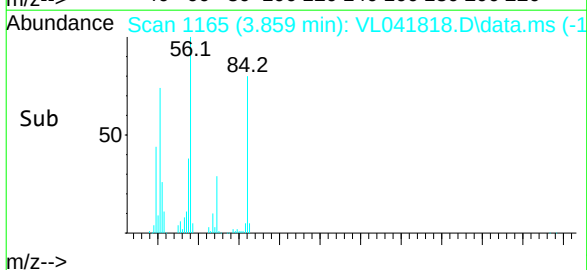
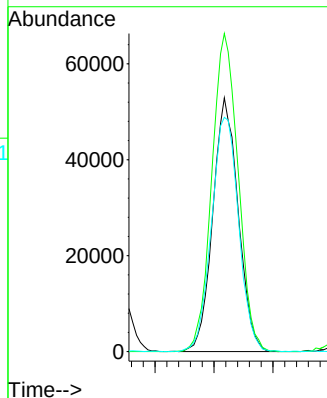
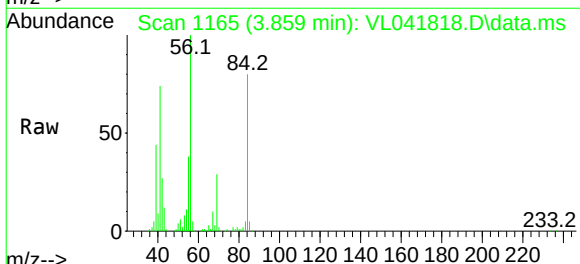
Tgt Ion: 84 Resp: 79194

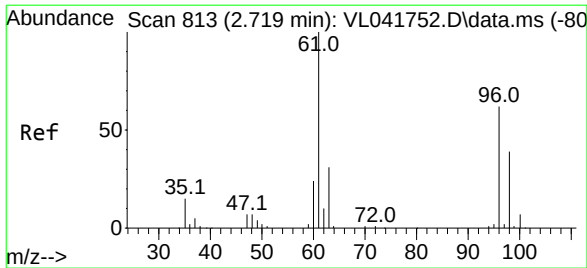
Ion Ratio Lower Upper

84 100

56 129.8 102.3 153.5

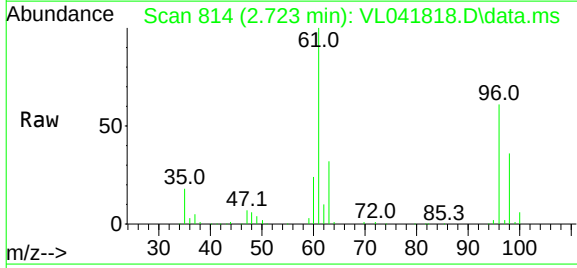
41 98.8 74.0 111.0





#31
cis-1,2-Dichloroethene
Concen: 8.539 ppbv
RT: 2.723 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

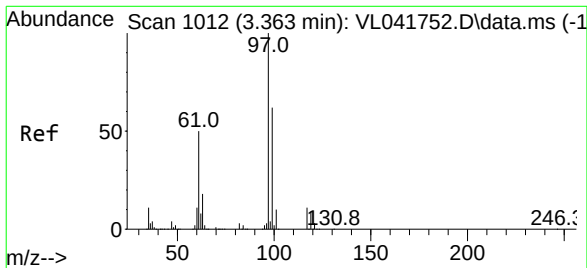
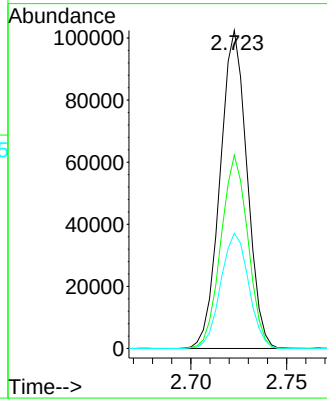
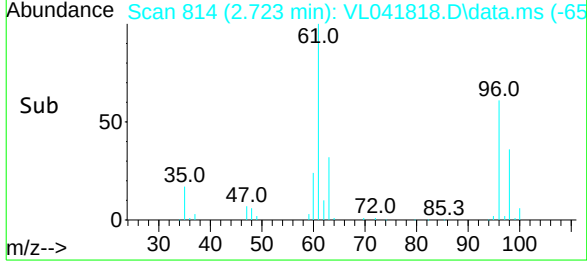
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 61 Resp: 100323
Ion Ratio Lower Upper
61 100
96 60.8 49.7 74.5
98 36.2 30.8 46.2

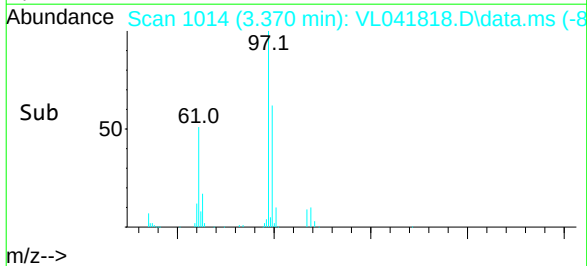
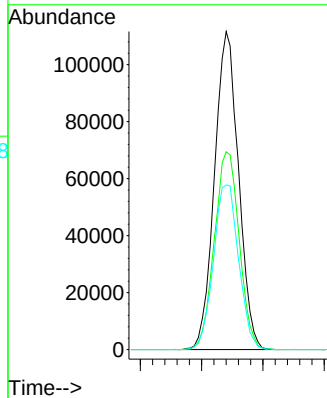
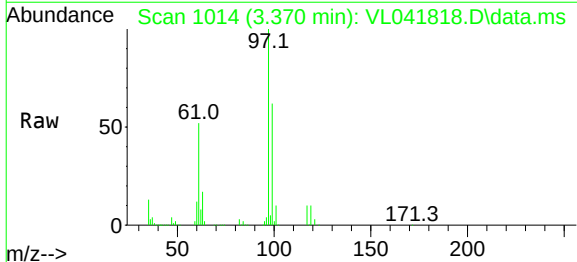
Manual Integrations
APPROVED

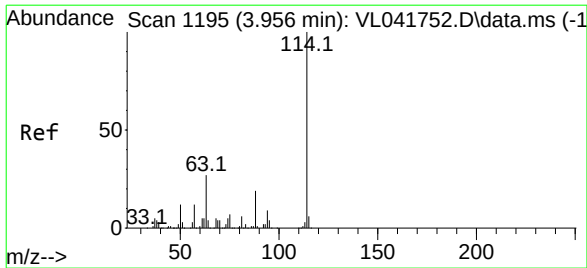
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#32
1,1,1-Trichloroethane
Concen: 8.624 ppbv
RT: 3.370 min Scan# 1014
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

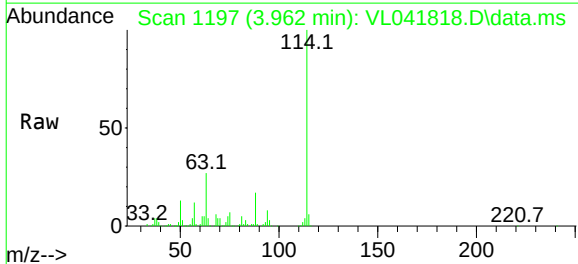
Tgt Ion: 97 Resp: 151902
Ion Ratio Lower Upper
97 100
99 64.3 51.0 76.4
61 54.4 42.2 63.2





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 3.962 min Scan# 1197
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

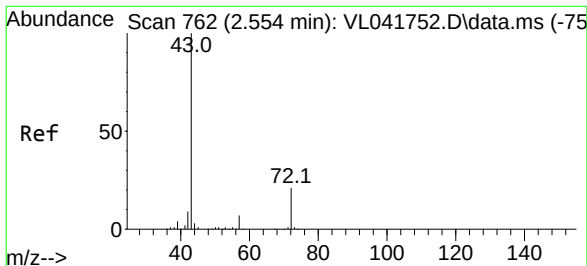
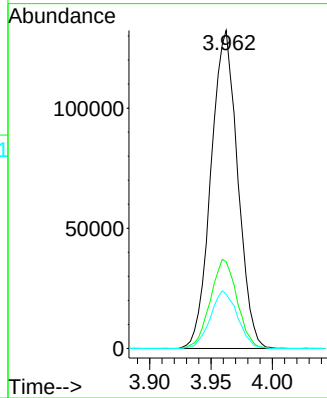
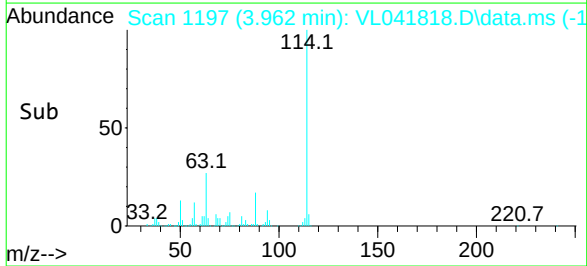
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 114 Resp: 200154
Ion Ratio Lower Upper
114 100
63 28.2 21.8 32.8
88 18.4 14.8 22.2

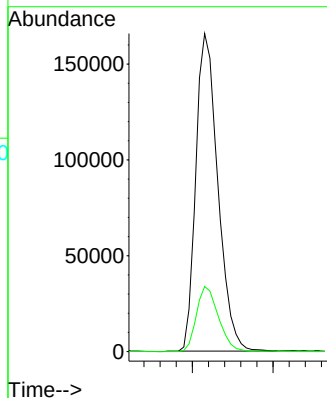
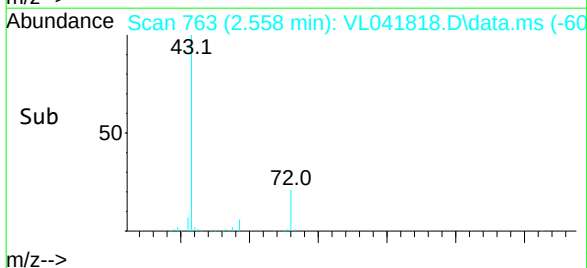
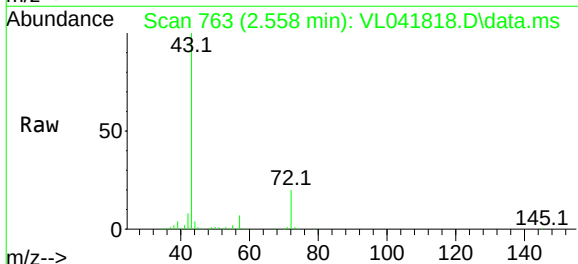
Manual Integrations
APPROVED

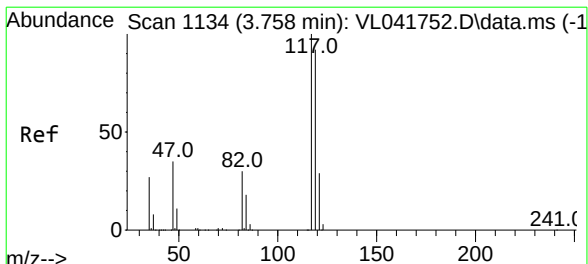
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#34
2-Butanone
Concen: 9.747 ppbv
RT: 2.558 min Scan# 763
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion: 43 Resp: 156952
Ion Ratio Lower Upper
43 100
72 20.6 16.8 25.2





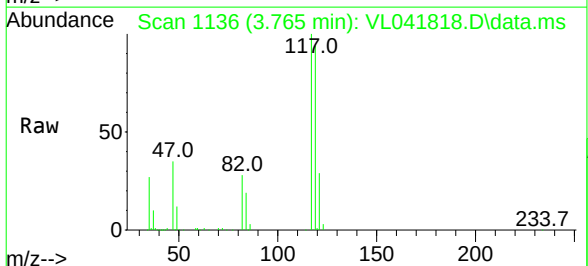
#35
Carbon Tetrachloride
Concen: 10.755 ppbv
RT: 3.765 min Scan# 111
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

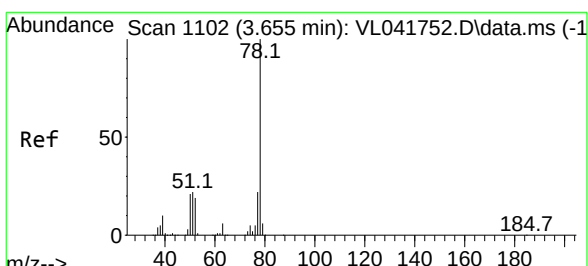
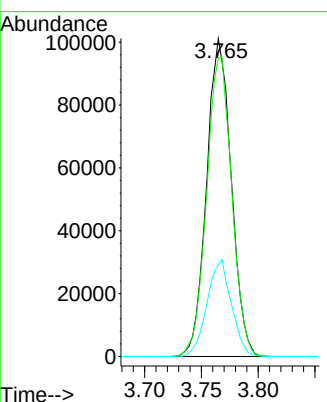
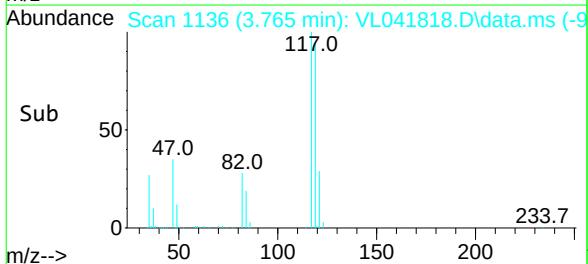


Tgt Ion: 117 Resp: 152814

Ion	Ratio	Lower	Upper
117	100		
119	93.6	73.7	110.5
121	28.7	23.0	34.4

Manual Integrations
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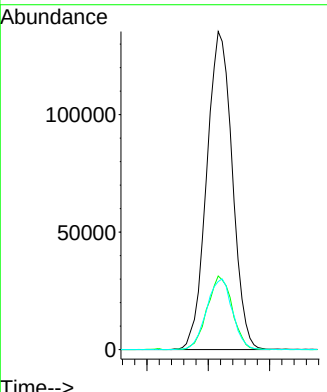
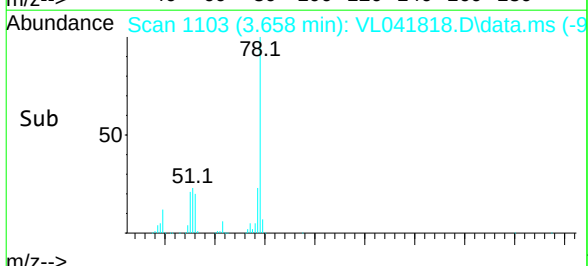
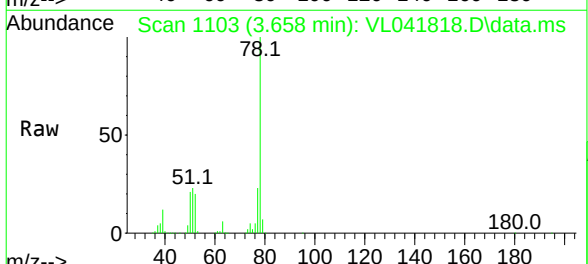
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

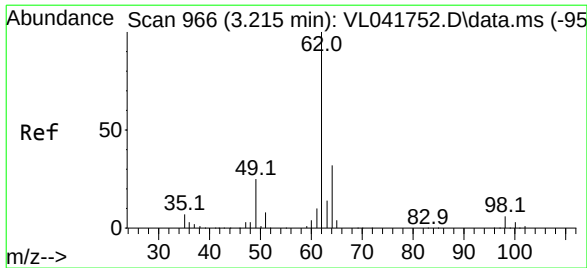


#36
Benzene
Concen: 9.483 ppbv
RT: 3.658 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion: 78 Resp: 196330

Ion	Ratio	Lower	Upper
78	100		
77	23.1	17.8	26.6
50	21.4	17.2	25.8





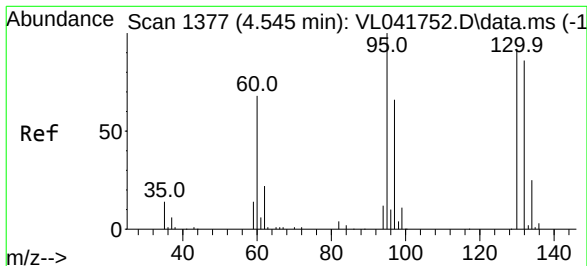
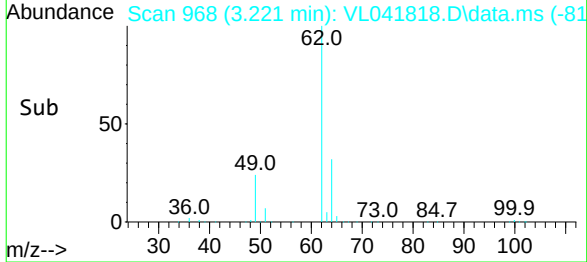
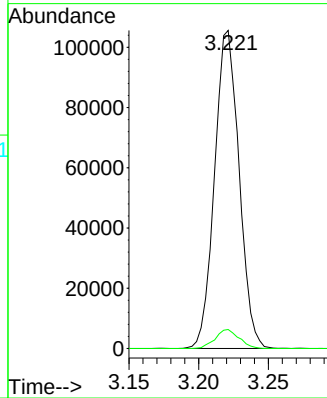
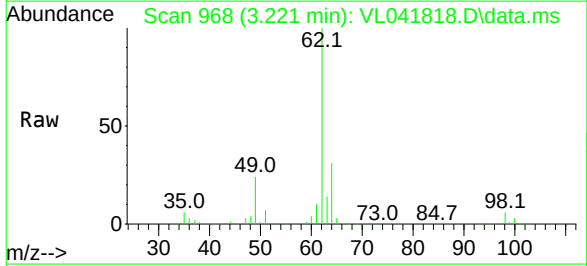
#37
1,2-Dichloroethane
Concen: 10.019 ppbv
RT: 3.221 min Scan# 966
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 129068
Ion Ratio Lower Upper
62 100
98 5.8 4.7 7.1

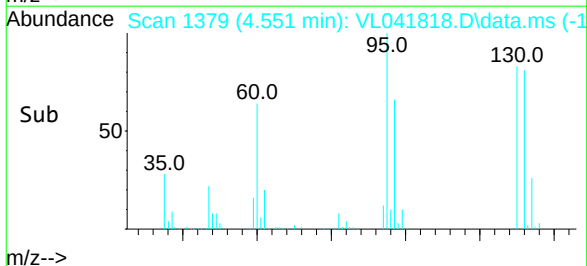
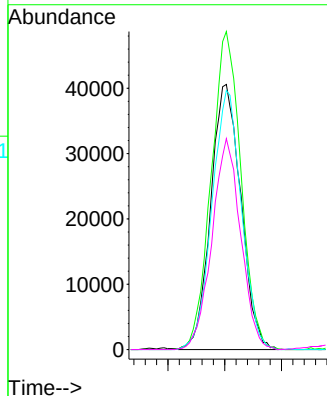
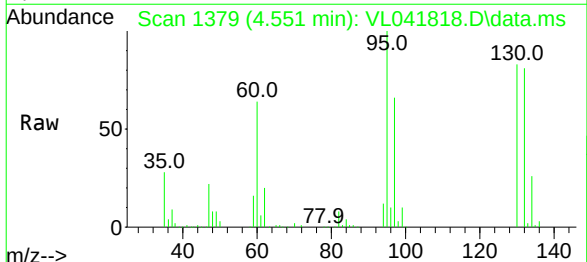
Manual Integrations
APPROVED

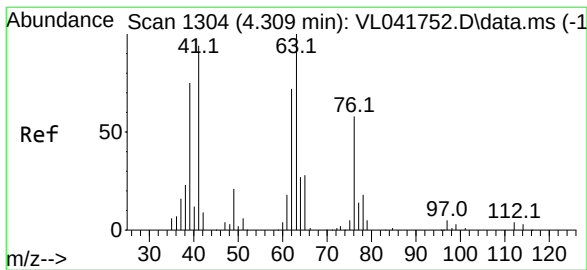
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#38
Trichloroethene
Concen: 8.471 ppbv
RT: 4.551 min Scan# 1379
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

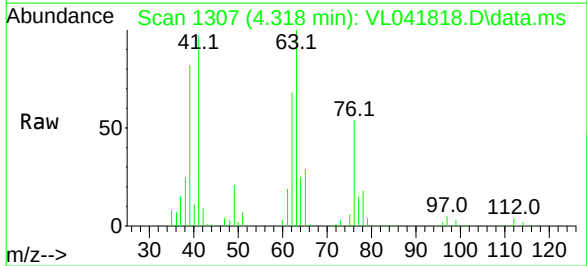
Tgt Ion:130 Resp: 74447
Ion Ratio Lower Upper
130 100
95 119.7 87.0 130.6
132 97.7 75.0 112.6
97 79.5 57.2 85.8





#39
1,2-Dichloropropane
Concen: 9.575 ppbv
RT: 4.318 min Scan# 1307
Delta R.T. 0.010 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

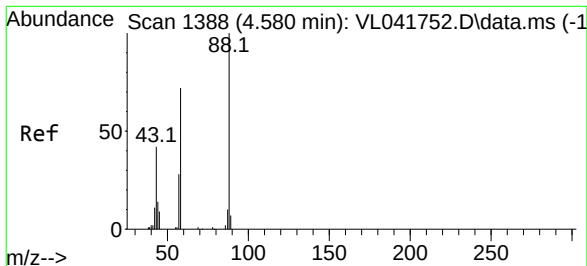
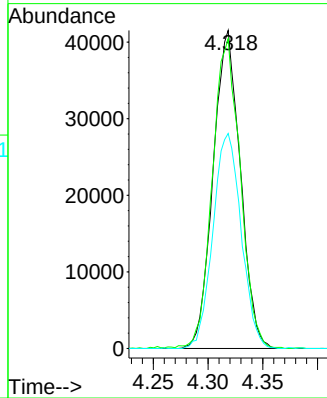
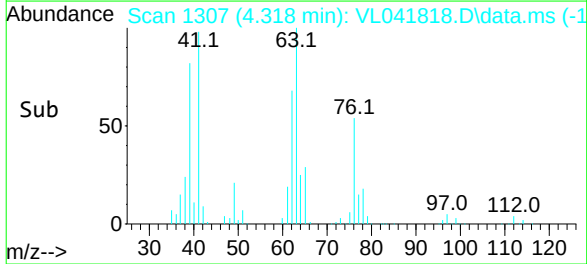
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 71700
Ion Ratio Lower Upper
63 100
41 97.1 75.3 112.9
62 67.6 57.3 85.9

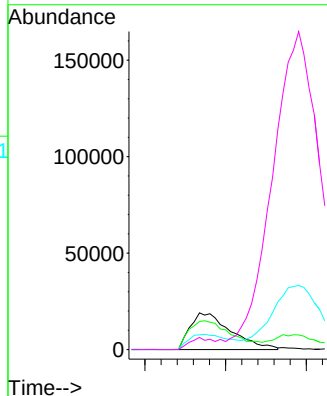
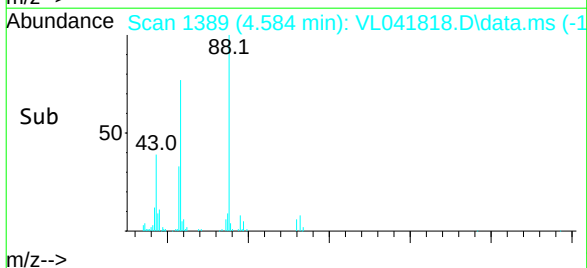
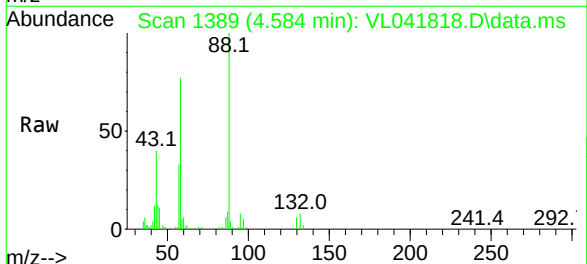
Manual Integrations
APPROVED

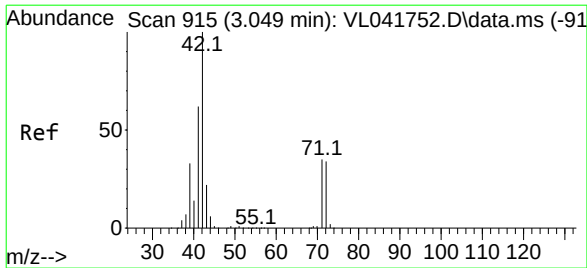
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#40
1,4-Dioxane
Concen: 9.154 ppbv
RT: 4.584 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

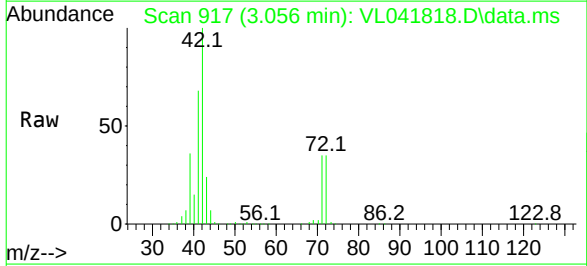
Tgt Ion: 88 Resp: 33486
Ion Ratio Lower Upper
88 100
58 84.0 61.0 91.6
43 37.6 29.4 44.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.461 ppbv
RT: 3.056 min Scan# 915
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

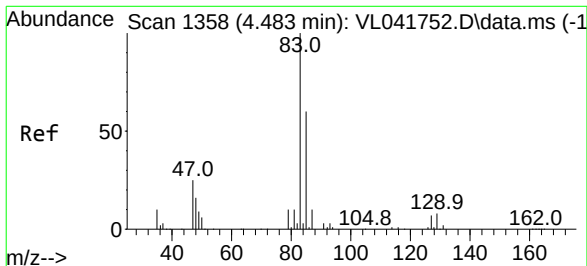
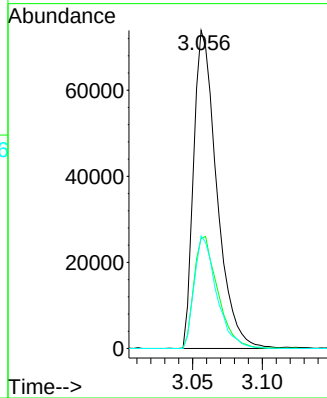
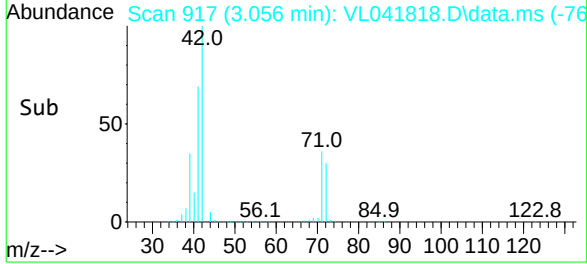
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



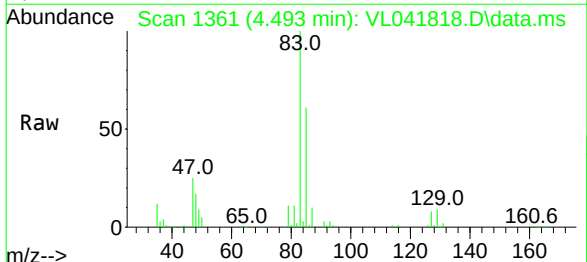
Tgt Ion: 42 Resp: 85350
Ion Ratio Lower Upper
42 100
72 36.2 29.1 43.7
71 34.1 28.4 42.6

Manual Integrations
APPROVED

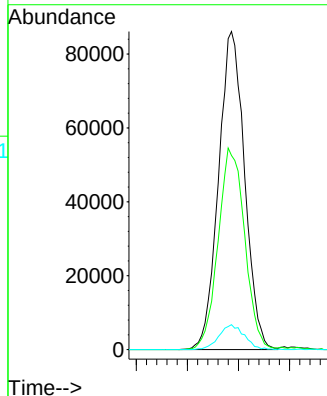
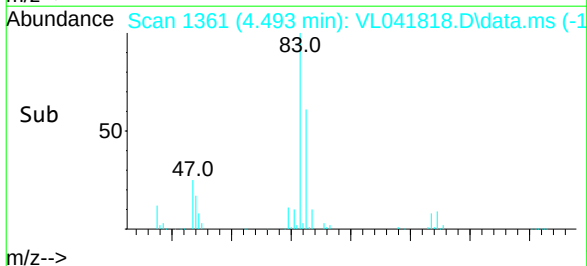
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

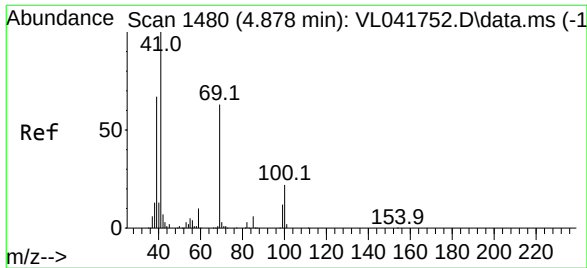


#42
Bromodichloromethane
Concen: 10.288 ppbv
RT: 4.493 min Scan# 1361
Delta R.T. 0.010 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16



Tgt Ion: 83 Resp: 152475
Ion Ratio Lower Upper
83 100
85 61.0 48.0 72.0
127 7.8 5.8 8.8





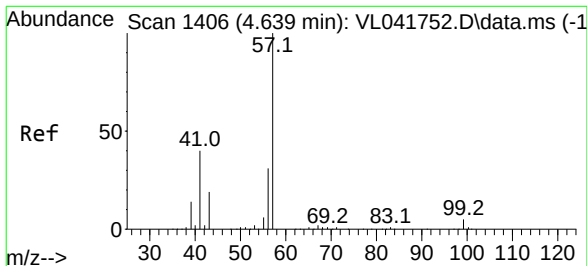
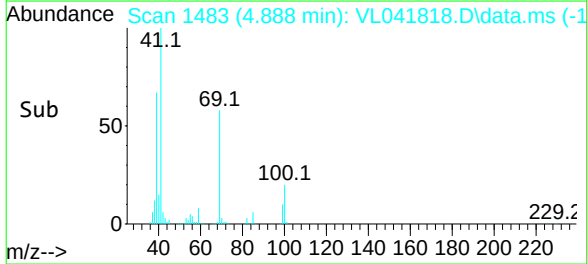
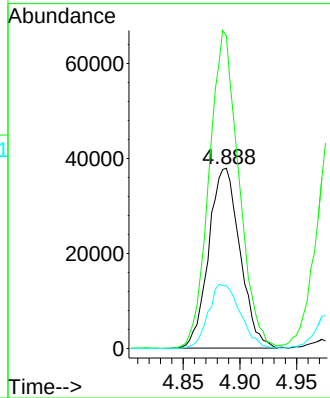
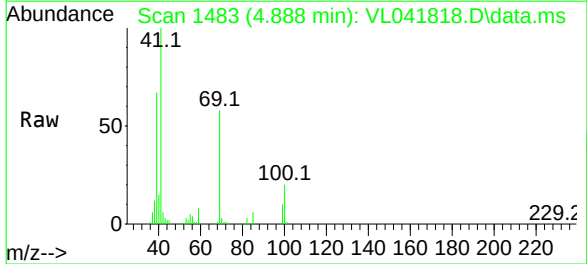
#43
Methyl Methacrylate
Concen: 9.187 ppbv
RT: 4.888 min Scan# 1480
Delta R.T. 0.010 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 72474
Ion Ratio Lower Upper
69 100
41 168.3 130.3 195.5
100 36.4 28.3 42.5

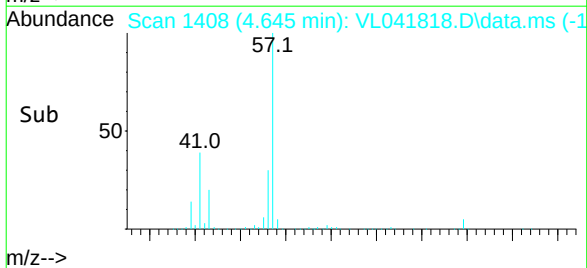
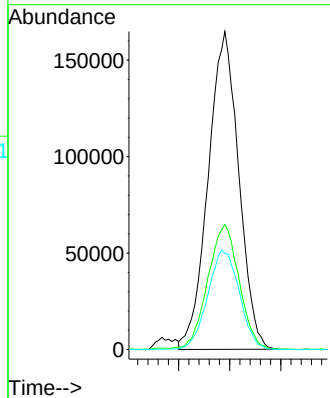
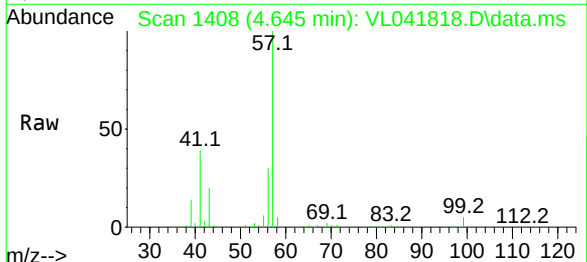
Manual Integrations
APPROVED

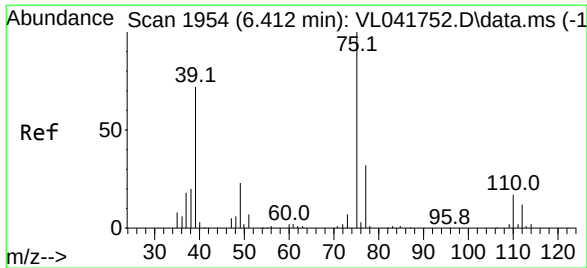
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#44
2,2,4-Trimethylpentane
Concen: 9.695 ppbv
RT: 4.645 min Scan# 1408
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion: 57 Resp: 342795
Ion Ratio Lower Upper
57 100
41 40.8 30.7 46.1
56 32.5 25.4 38.0





#45

t-1,3-Dichloropropene

Concen: 8.736 ppbv m

RT: 6.419 min Scan# 19

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 75 Resp: 71286

Ion Ratio Lower Upper

75 100

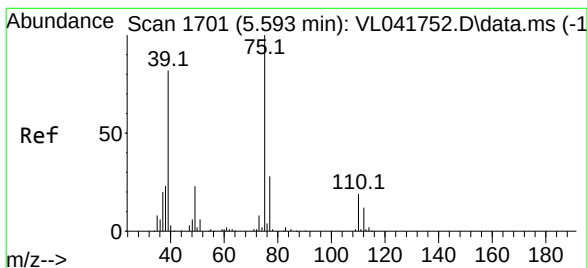
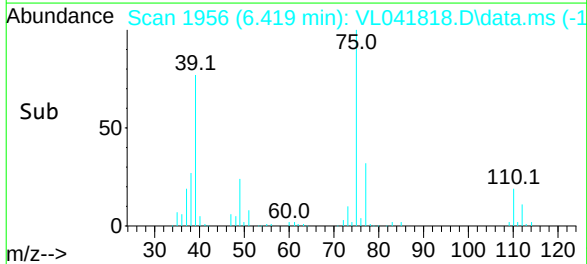
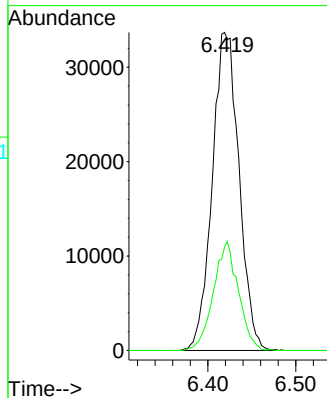
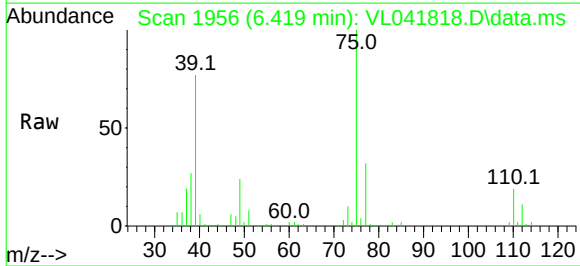
77 32.5 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#46

cis-1,3-Dichloropropene

Concen: 8.913 ppbv

RT: 5.607 min Scan# 1705

Delta R.T. 0.013 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

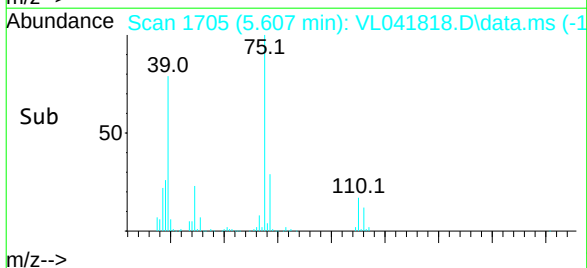
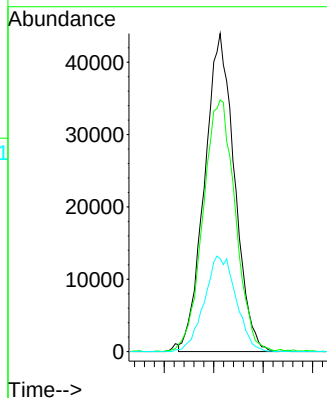
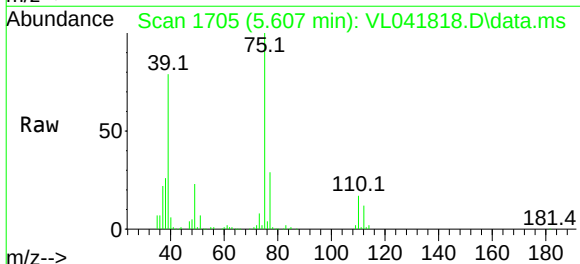
Tgt Ion: 75 Resp: 92324

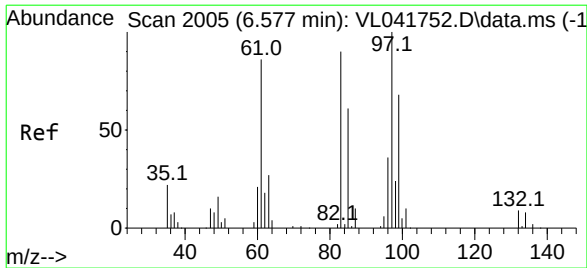
Ion Ratio Lower Upper

75 100

39 78.6 65.2 97.8

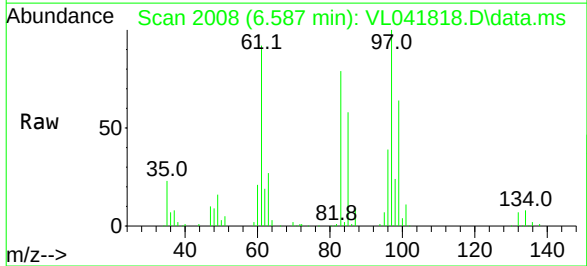
77 29.2 22.0 33.0





#47
1,1,2-Trichloroethane
Concen: 9.525 ppbv
RT: 6.587 min Scan# 2005
Delta R.T. 0.010 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

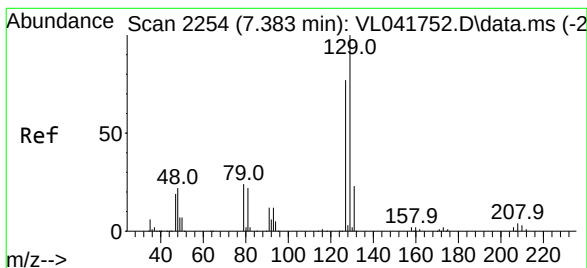
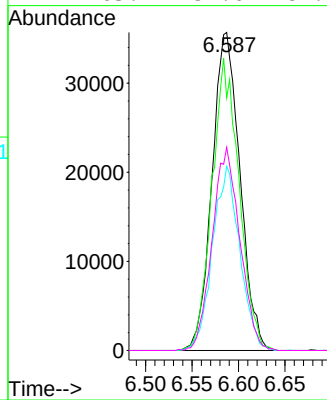
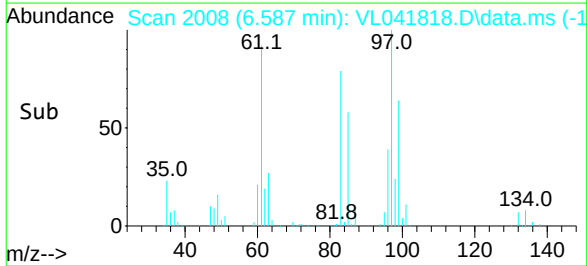
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 74497
Ion Ratio Lower Upper
97 100
83 79.5 72.3 108.5
85 57.9 48.5 72.7
99 63.9 54.0 81.0

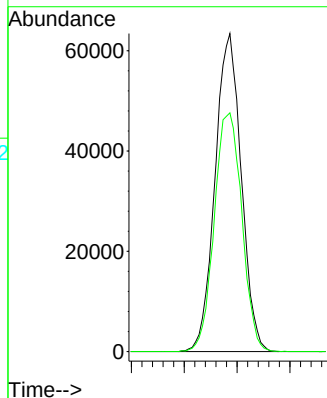
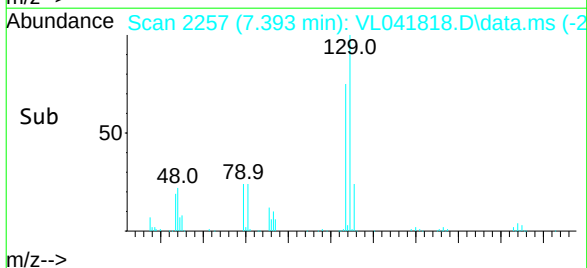
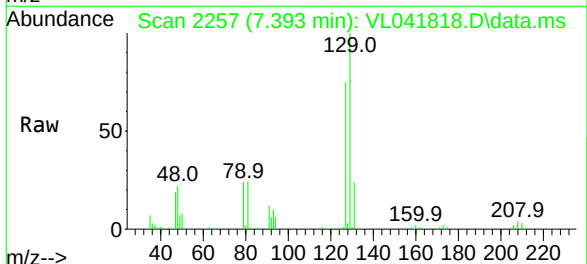
Manual Integrations
APPROVED

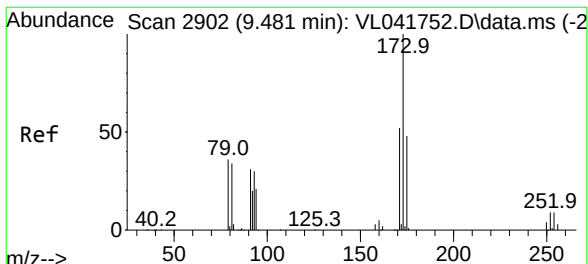
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#48
Dibromochloromethane
Concen: 10.219 ppbv
RT: 7.393 min Scan# 2257
Delta R.T. 0.010 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion:129 Resp: 109136
Ion Ratio Lower Upper
129 100
127 79.1 38.8 116.3





#49
 Bromoform
 Concen: 10.270 ppbv
 RT: 9.487 min Scan# 2902
 Delta R.T. 0.007 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

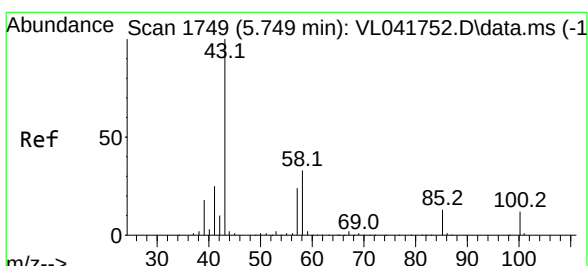
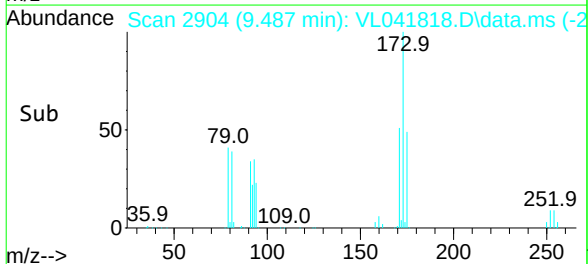
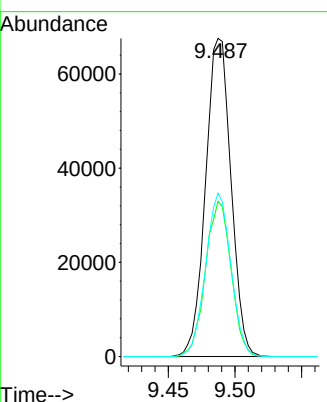
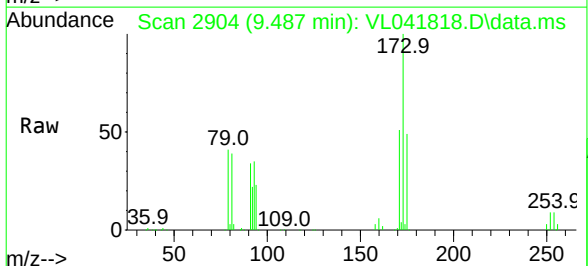
VSTDCCC010

Tgt Ion:	173	Resp:	89782
Ion Ratio	Lower	Upper	
173	100		
175	49.0	38.2	57.2
171	51.0	41.1	61.7

Manual Integrations

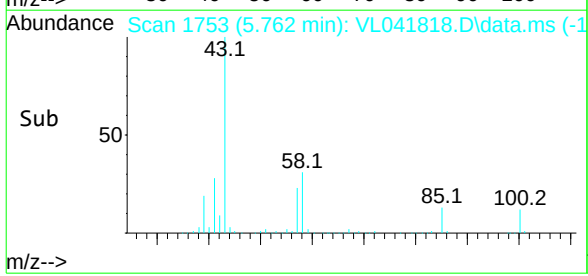
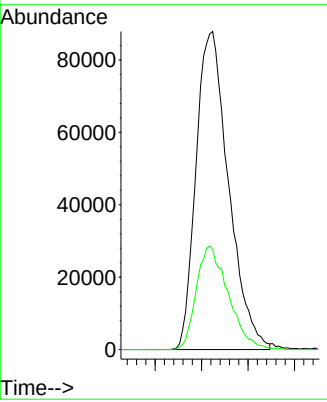
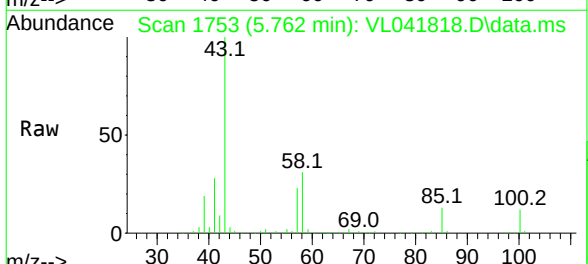
APPROVED

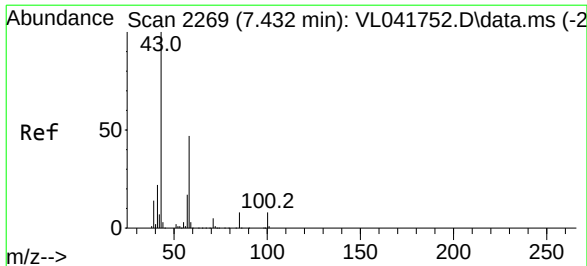
Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#50
 4-Methyl-2-Pentanone
 Concen: 9.742 ppbv
 RT: 5.762 min Scan# 1753
 Delta R.T. 0.013 min
 Lab File: VL041818.D
 Acq: 19 Dec 2024 13:16

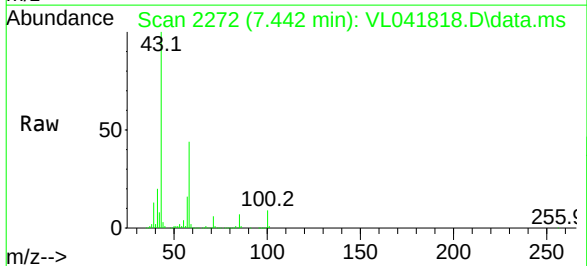
Tgt Ion:	43	Resp:	213582
Ion Ratio	Lower	Upper	
43	100		
58	32.0	26.8	40.2





#51
2-Hexanone
Concen: 9.491 ppbv
RT: 7.442 min Scan# 2269
Delta R.T. 0.010 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

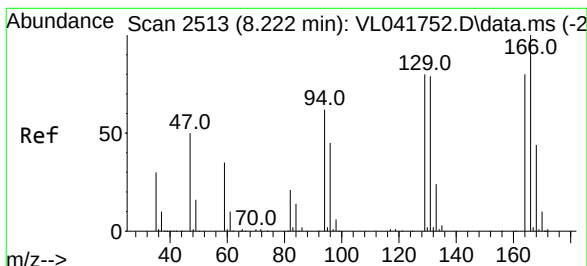
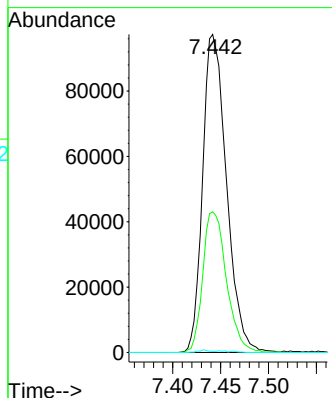
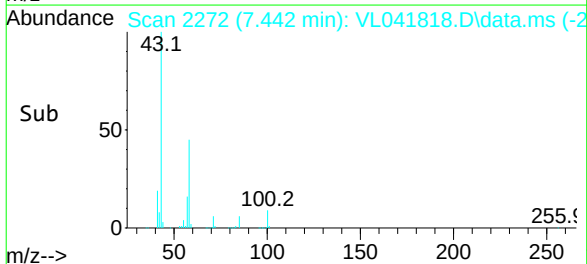
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



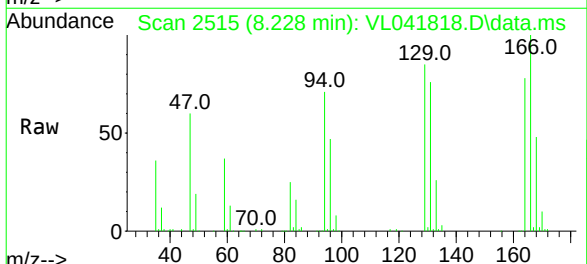
Tgt Ion: 43 Resp: 168674
Ion Ratio Lower Upper
43 100
58 44.0 36.6 55.0
98 0.7 0.1 0.1

Manual Integrations
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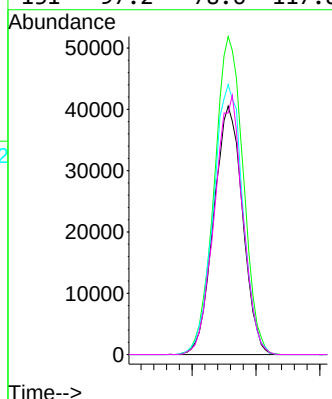
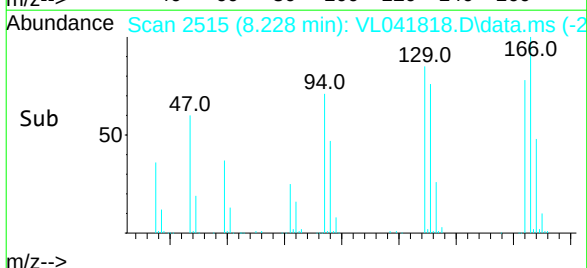
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

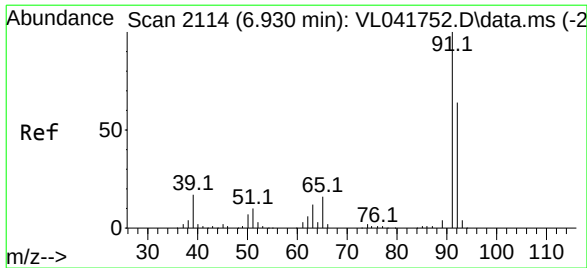


#52
Tetrachloroethene
Concen: 8.271 ppbv
RT: 8.228 min Scan# 2515
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16



Tgt Ion:164 Resp: 63740
Ion Ratio Lower Upper
164 100
166 127.9 99.8 149.6
129 108.7 79.6 119.4
131 97.2 78.6 117.8





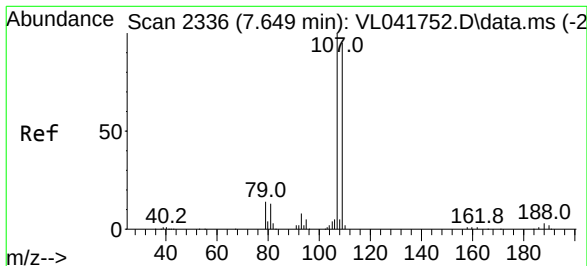
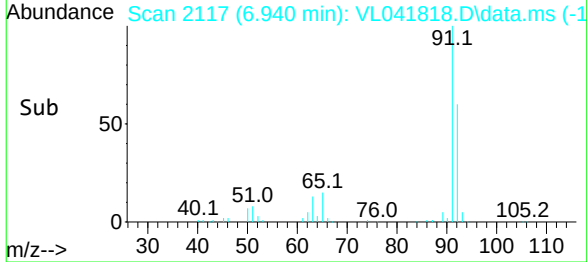
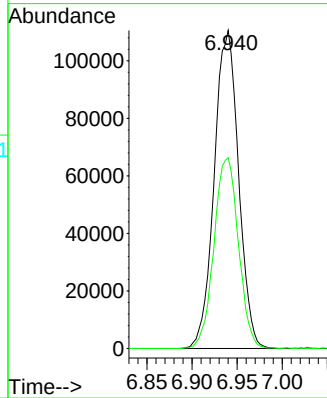
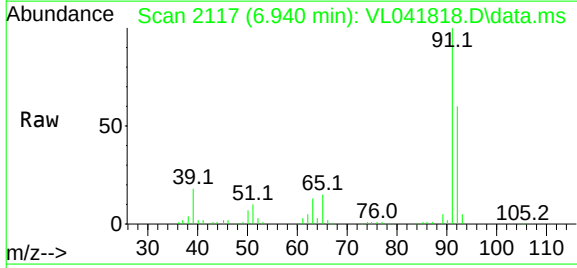
#53
Toluene
Concen: 8.838 ppbv
RT: 6.940 min Scan# 2114
Delta R.T. 0.010 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 91 Resp: 207460
Ion Ratio Lower Upper
91 100
92 60.3 47.9 71.9

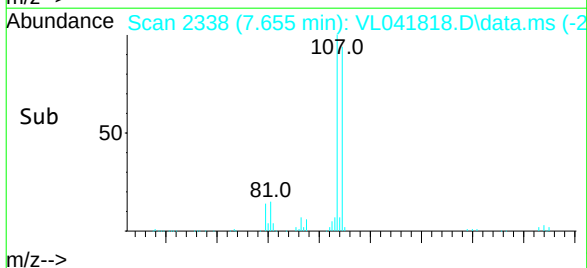
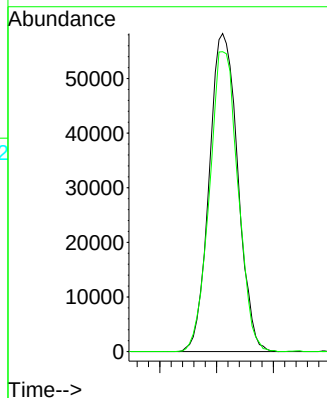
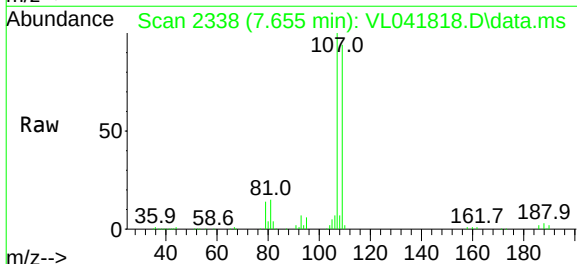
Manual Integrations
APPROVED

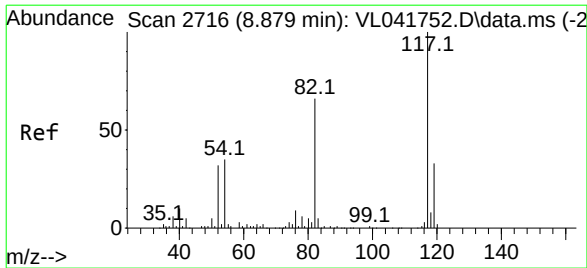
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#54
1,2-Dibromoethane
Concen: 9.456 ppbv
RT: 7.655 min Scan# 2338
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

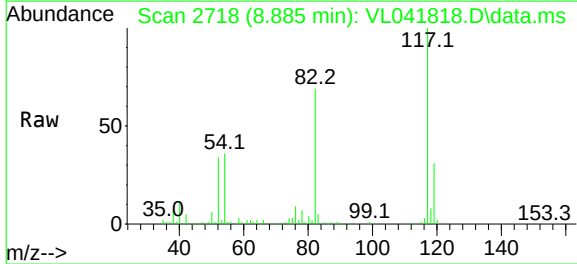
Tgt Ion:107 Resp: 101907
Ion Ratio Lower Upper
107 100
109 94.3 75.9 113.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 8.885 min Scan# 2716
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

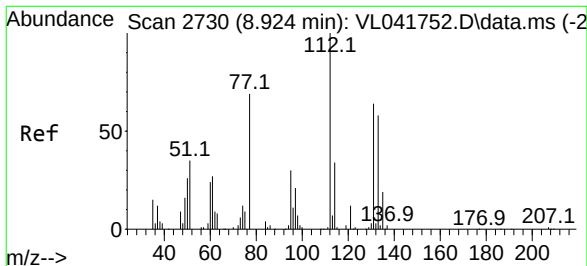
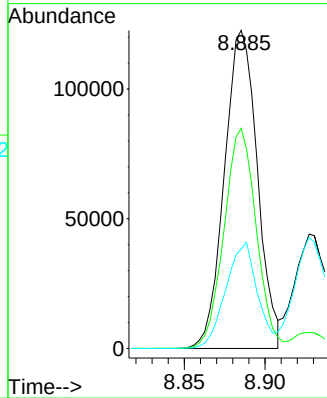
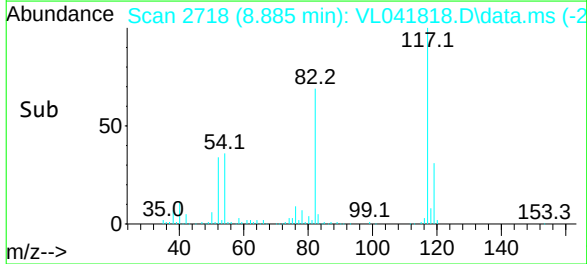
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:117 Resp: 174346
Ion Ratio Lower Upper
117 100
82 72.8 53.8 80.8
119 32.5 26.7 40.1

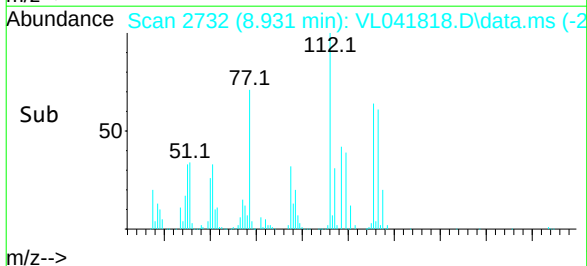
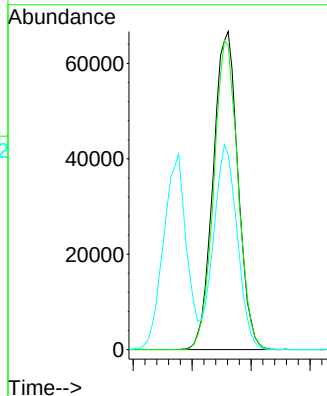
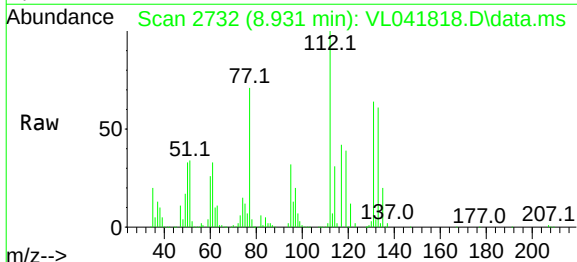
Manual Integrations
APPROVED

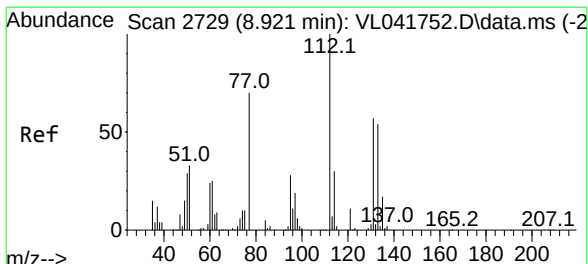
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 10.554 ppbv
RT: 8.931 min Scan# 2732
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion:131 Resp: 97552
Ion Ratio Lower Upper
131 100
133 94.7 76.8 115.2
119 61.9 49.0 73.6





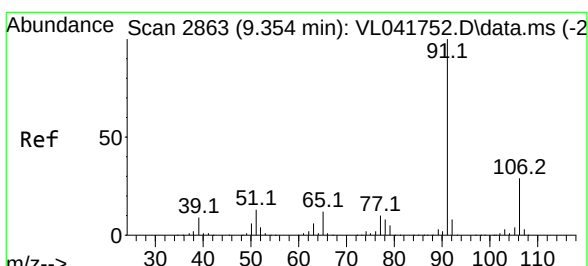
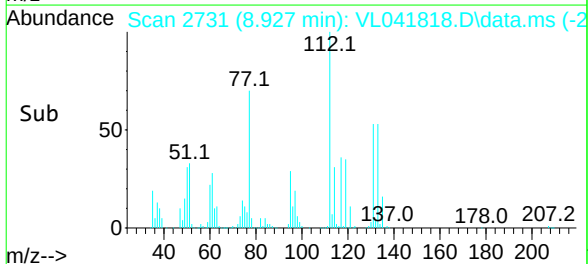
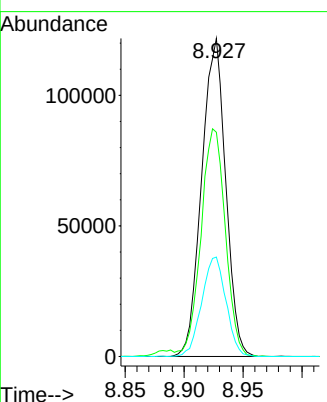
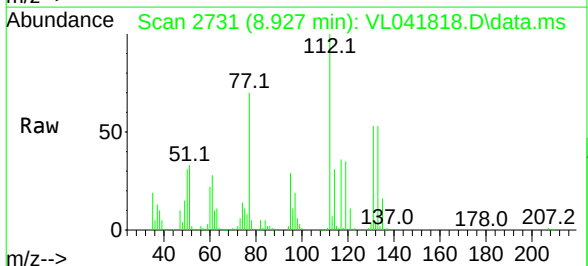
#57
Chlorobenzene
Concen: 9.672 ppbv
RT: 8.927 min Scan# 2729
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument : MSVOA_1
ClientSampleId : VSTDCCC010

Tgt Ion:	112	Resp:	172549
Ion Ratio	Lower	Upper	
112	100		
77	70.5	57.4	86.0
114	31.3	27.4	33.4

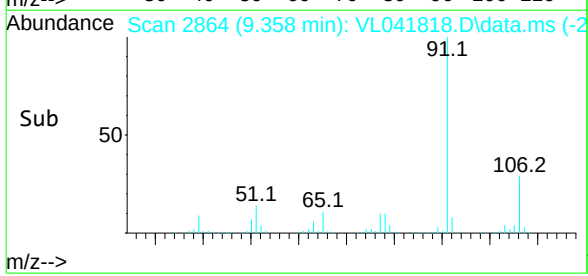
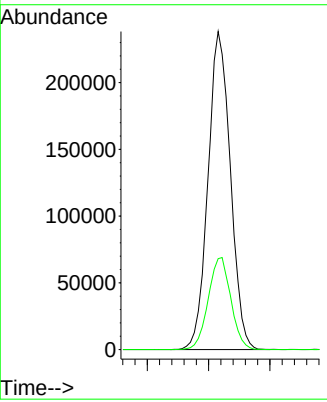
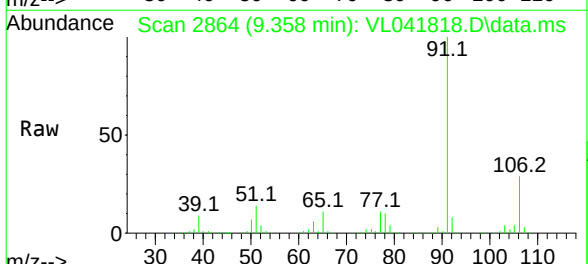
Manual Integrations
APPROVED

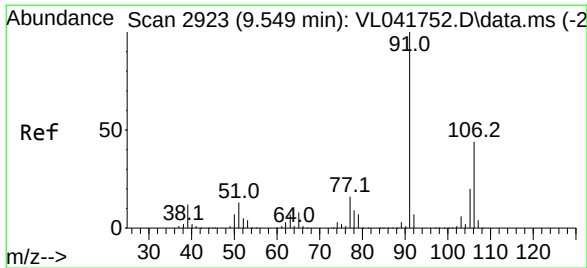
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#58
Ethyl Benzene
Concen: 9.619 ppbv
RT: 9.358 min Scan# 2864
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion:	91	Resp:	301914
Ion Ratio	Lower	Upper	
91	100		
106	28.6	23.5	35.3





#59

m/p-Xylene

Concen: 20.297 ppbv m

RT: 9.552 min Scan# 29

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 512257

Ion Ratio Lower Upper

91 100

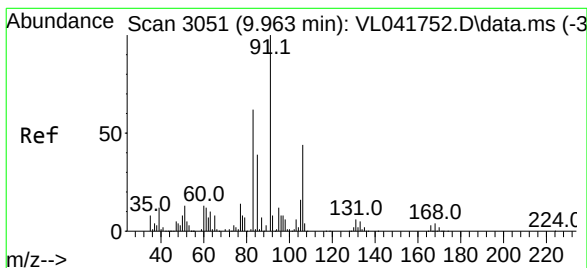
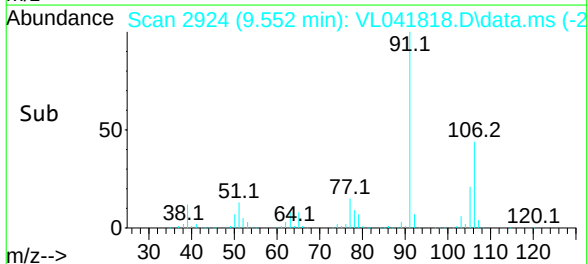
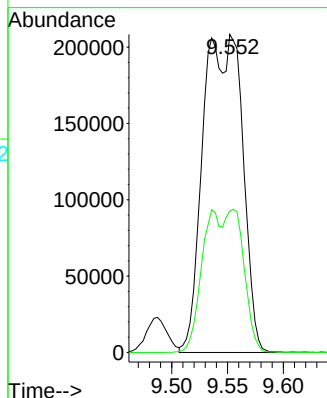
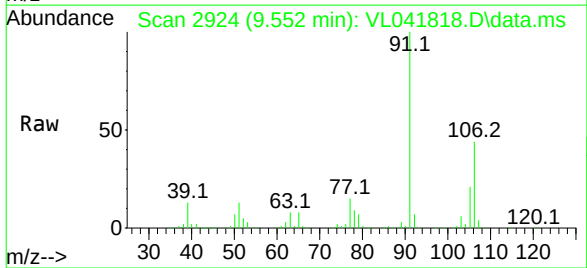
106 45.5 0.0 0.0#

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024

Supervised By :Mahesh Dadoda 12/20/2024



#60

o-Xylene

Concen: 10.014 ppbv

RT: 9.966 min Scan# 3052

Delta R.T. 0.003 min

Lab File: VL041818.D

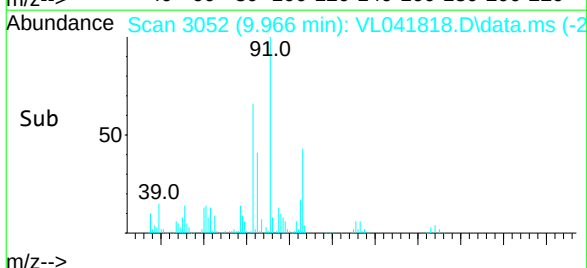
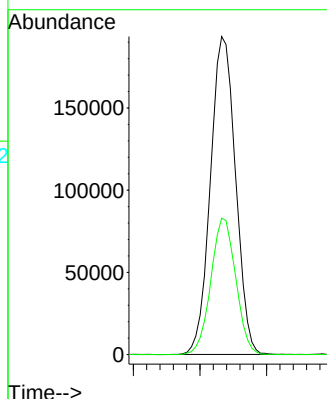
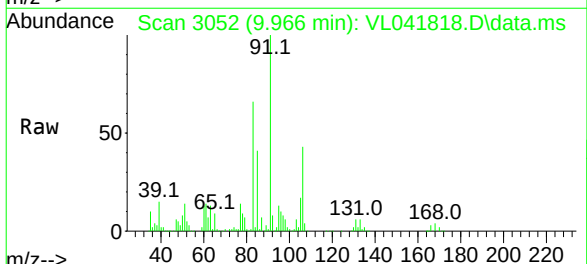
Acq: 19 Dec 2024 13:16

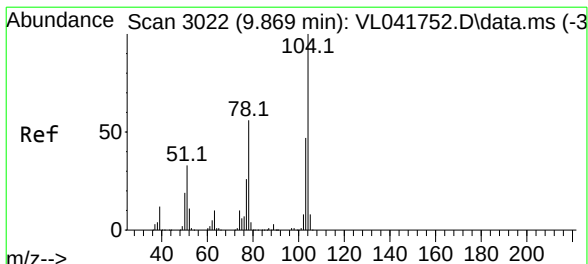
Tgt Ion: 91 Resp: 253450

Ion Ratio Lower Upper

91 100

106 42.5 21.1 63.4





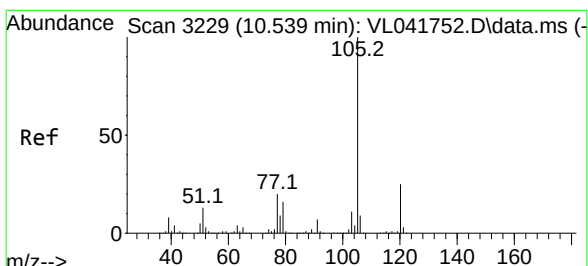
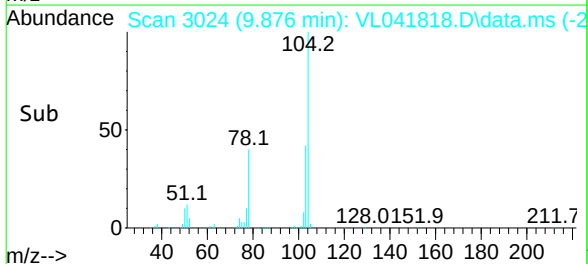
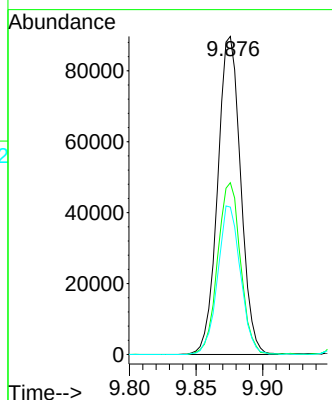
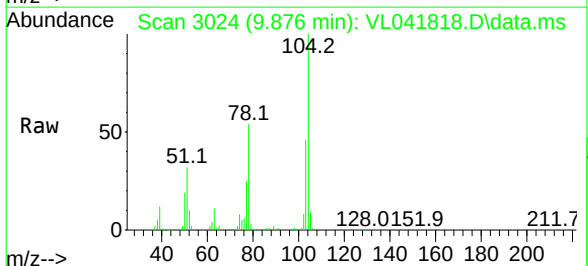
#61
Styrene
Concen: 9.850 ppbv
RT: 9.876 min Scan# 3023
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:	104	Resp:	107800
Ion	Ratio	Lower	Upper
104	100		
78	53.9	43.8	65.6
103	46.3	37.8	56.6

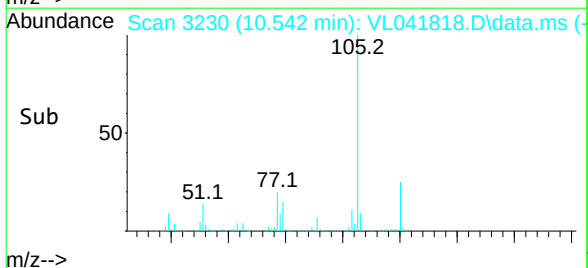
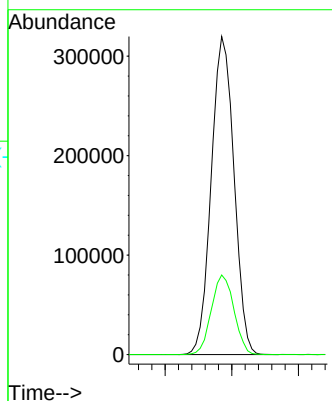
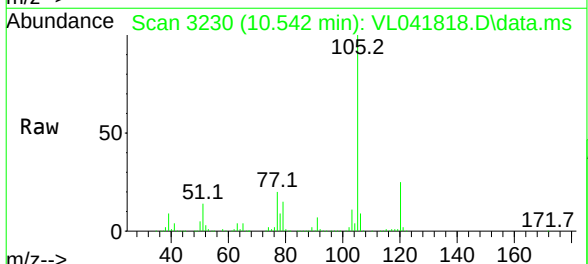
Manual Integrations
APPROVED

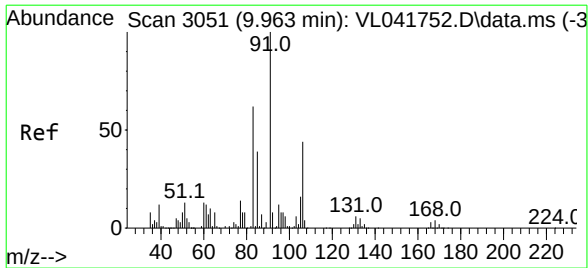
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#62
Isopropylbenzene
Concen: 9.968 ppbv
RT: 10.542 min Scan# 3230
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

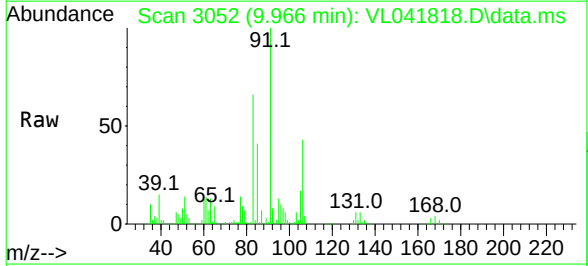
Tgt Ion:	105	Resp:	379023
Ion	Ratio	Lower	Upper
105	100		
120	24.8	19.8	29.8





#63
1,1,2,2-Tetrachloroethane
Concen: 10.348 ppbv
RT: 9.966 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

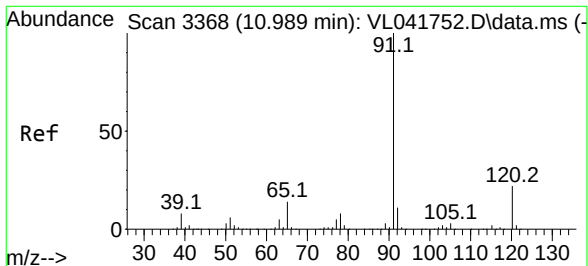
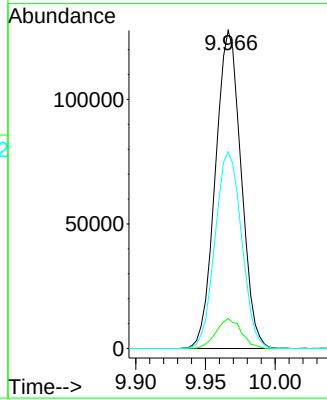
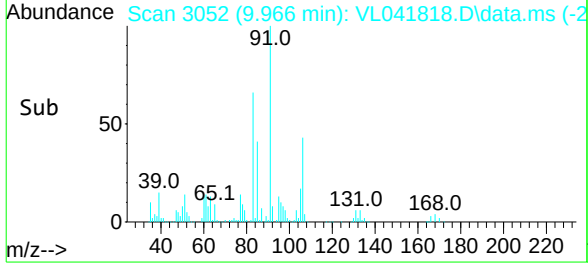
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 163931
Ion Ratio Lower Upper
83 100
131 9.2 4.9 14.7
85 63.8 32.0 96.2

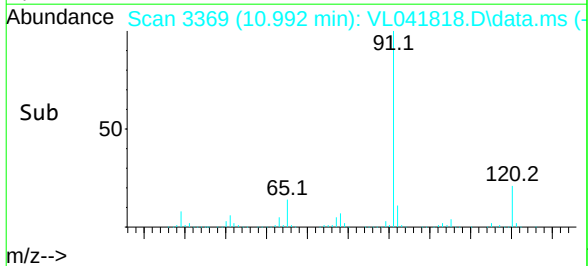
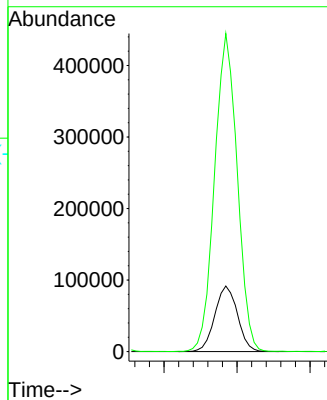
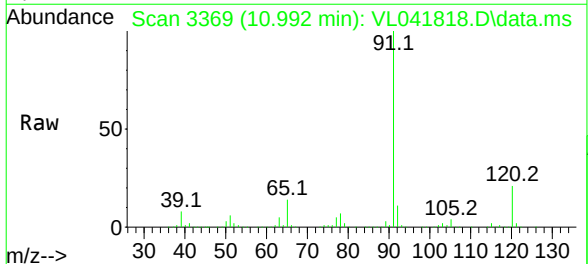
Manual Integrations
APPROVED

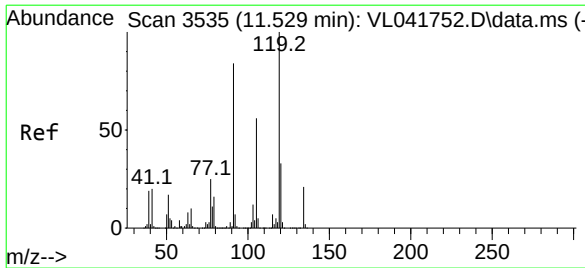
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#64
n-propylbenzene
Concen: 10.277 ppbv
RT: 10.992 min Scan# 3369
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion:120 Resp: 98807
Ion Ratio Lower Upper
120 100
91 485.0 387.3 580.9





#65

tert-Butylbenzene

Concen: 9.889 ppbv

RT: 11.536 min Scan# 3535

Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

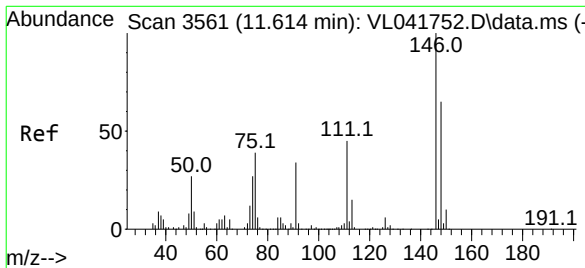
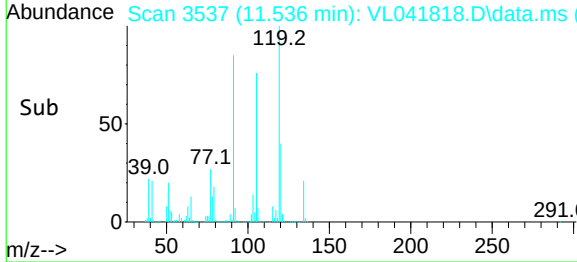
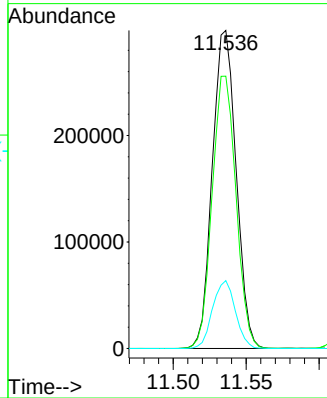
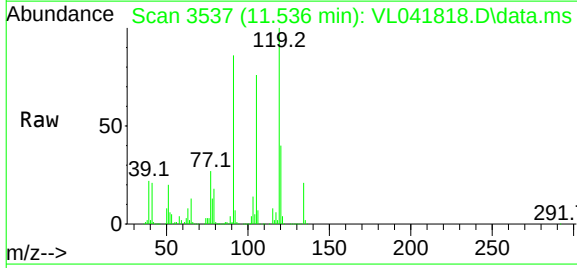
VSTDCCC010

Tgt Ion:	119	Resp:	339253
Ion Ratio	Lower	Upper	
119	100		
91	85.8	67.0	100.4
134	20.4	16.5	24.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#66

Benzyl Chloride

Concen: 8.572 ppbv

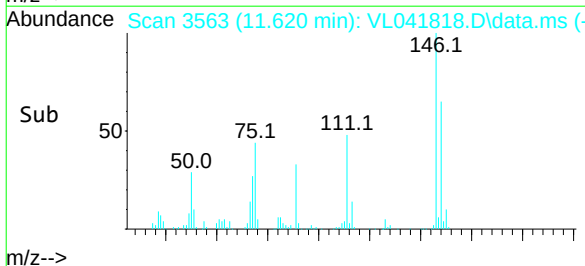
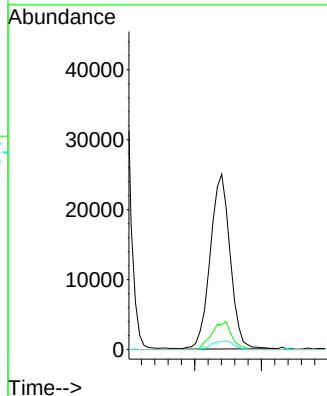
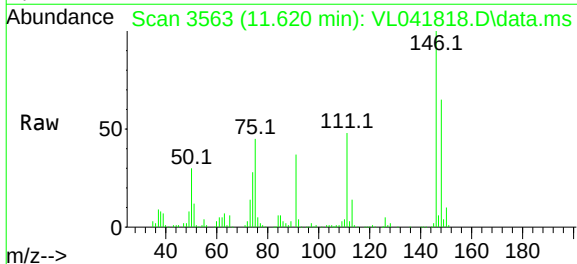
RT: 11.620 min Scan# 3563

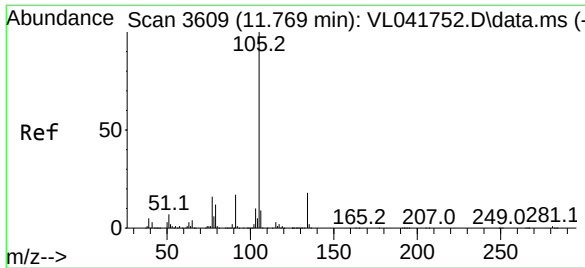
Delta R.T. 0.007 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

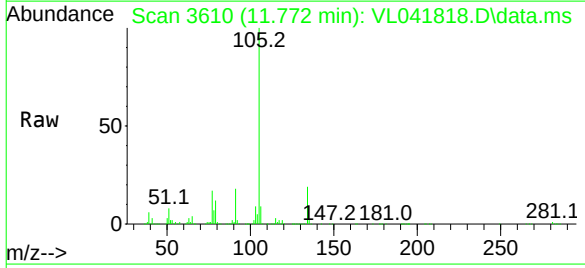
Tgt Ion:	91	Resp:	25904
Ion Ratio	Lower	Upper	
91	100		
126	16.1	13.9	20.9
128	5.5	4.4	6.6





#67
sec-Butylbenzene
Concen: 10.154 ppbv
RT: 11.772 min Scan# 3609
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

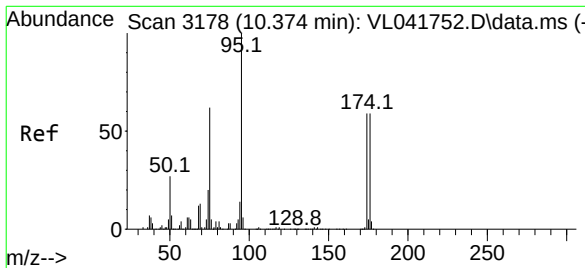
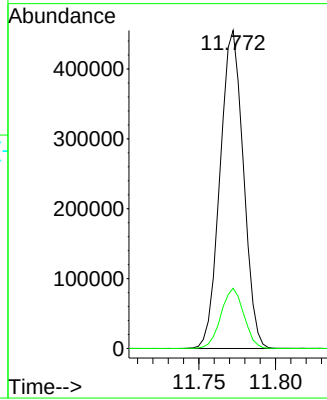
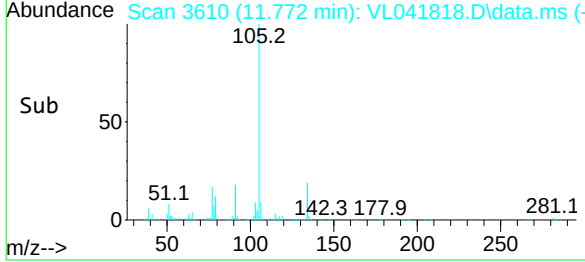
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 105 Resp: 482064
Ion Ratio Lower Upper
105 100
134 18.6 14.5 21.7

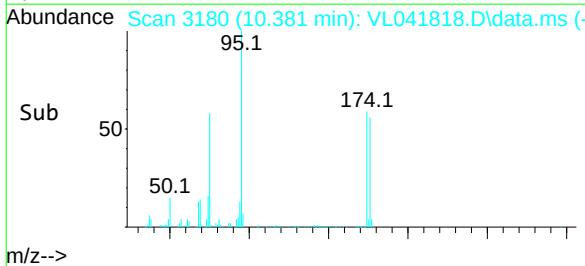
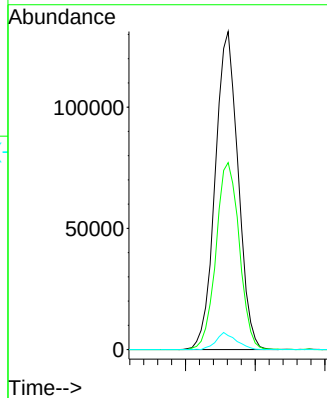
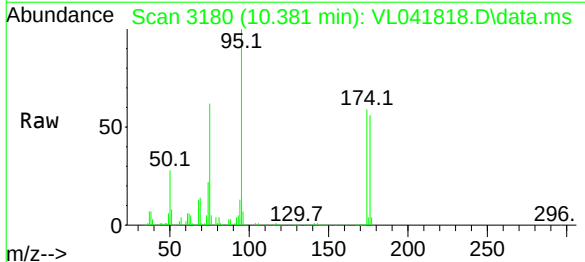
Manual Integrations
APPROVED

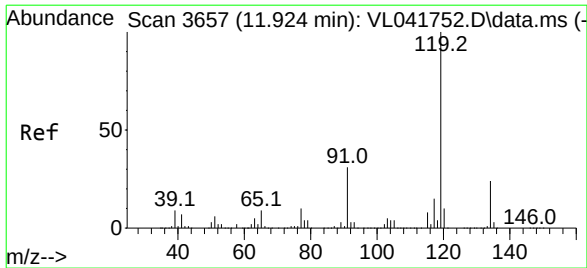
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#68
1-Bromo-4-Fluorobenzene
Concen: 10.310 ppbv
RT: 10.381 min Scan# 3180
Delta R.T. 0.007 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion: 95 Resp: 149792
Ion Ratio Lower Upper
95 100
174 59.8 47.6 71.4
175 4.8 3.7 5.5





#69

p-Isopropyltoluene

Concen: 10.165 ppbv

RT: 11.928 min Scan# 3657

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

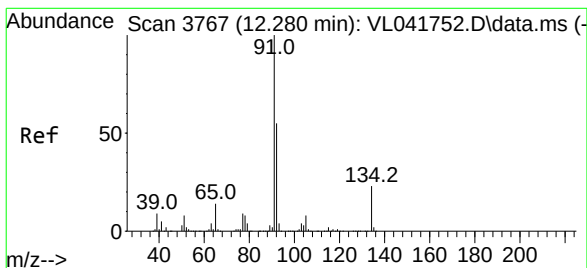
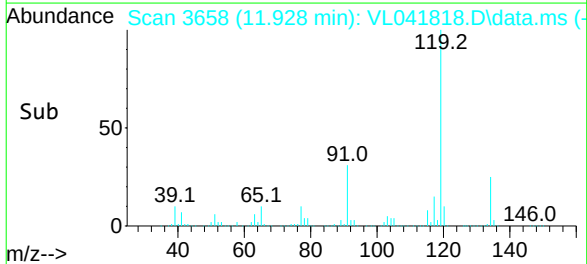
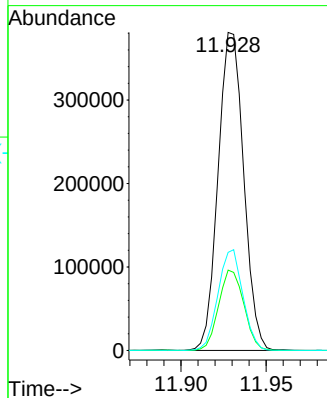
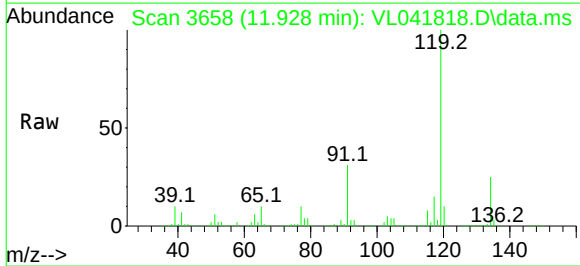
VSTDCCC010

Tgt Ion:	119	Resp:	397685
Ion	Ratio	Lower	Upper
119	100		
134	25.0	19.6	29.4
91	31.0	24.4	36.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#70

n-Butylbenzene

Concen: 10.539 ppbv

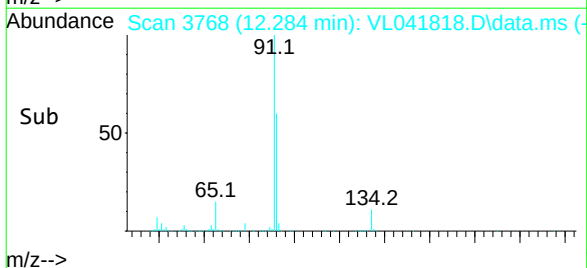
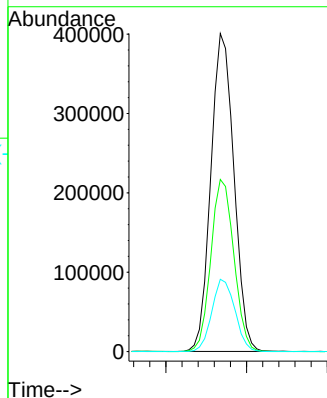
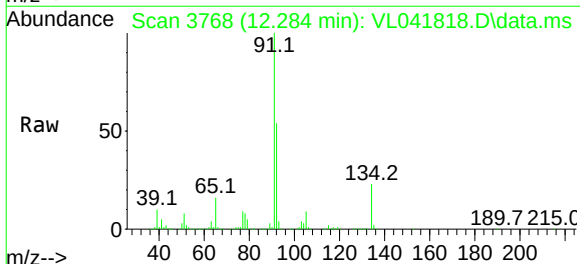
RT: 12.284 min Scan# 3768

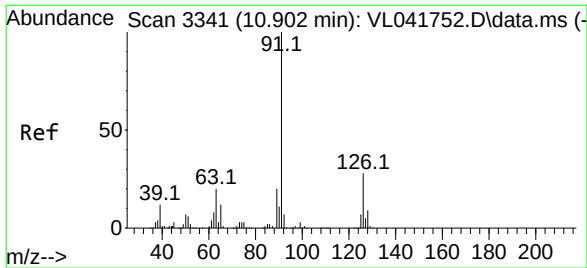
Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

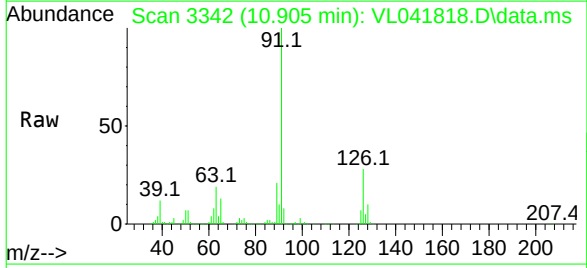
Tgt Ion:	91	Resp:	398384
Ion	Ratio	Lower	Upper
91	100		
92	54.2	43.2	64.8
134	22.8	18.2	27.4





#71
2-Chlorotoluene
Concen: 9.964 ppbv
RT: 10.905 min Scan# 3341
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

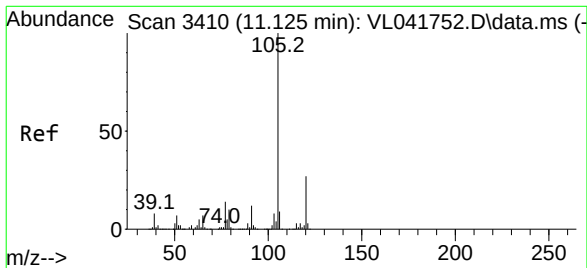
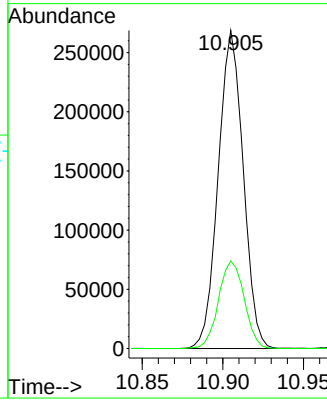
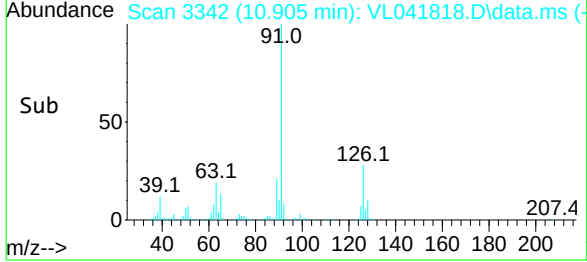
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



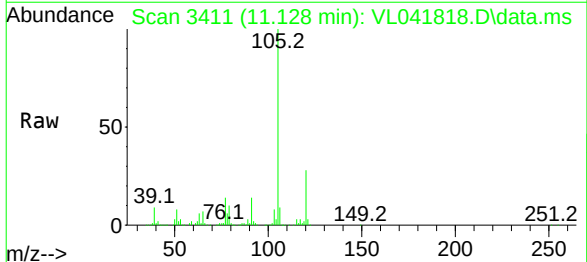
Tgt Ion: 91 Resp: 289210
Ion Ratio Lower Upper
91 100
126 28.2 11.6 46.4

Manual Integrations
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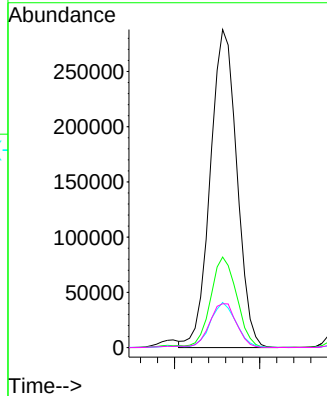
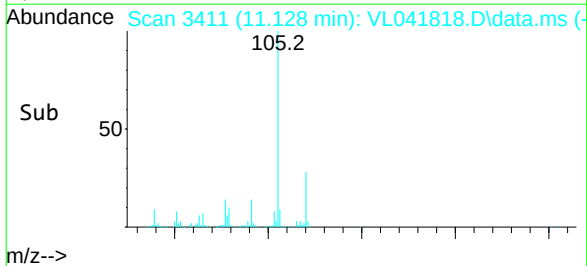
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024

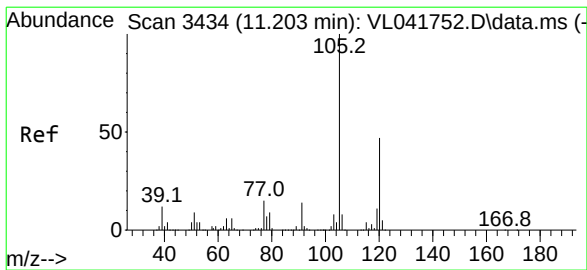


#72
4-Ethyltoluene
Concen: 10.478 ppbv
RT: 11.128 min Scan# 3411
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16



Tgt Ion:105 Resp: 313014
Ion Ratio Lower Upper
105 100
120 28.6 23.3 34.9
91 14.2 10.9 16.3
77 14.5 11.6 17.4





#73

1,3,5-Trimethylbenzene

Concen: 10.692 ppbv

RT: 11.206 min Scan# 3434

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

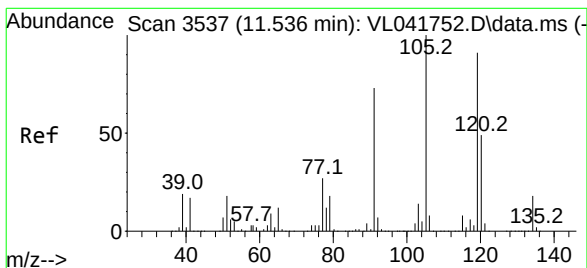
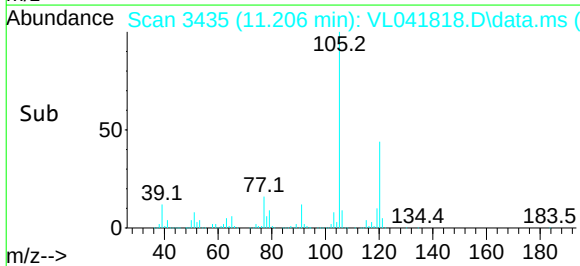
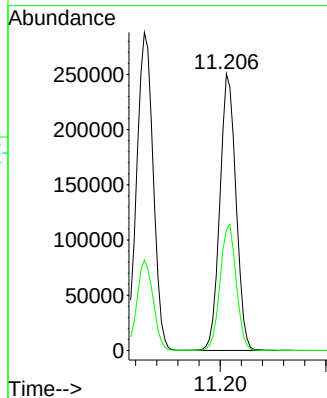
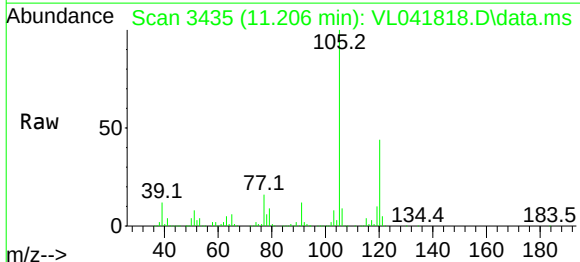
VSTDCCC010

Tgt Ion:105 Resp: 264997
 Ion Ratio Lower Upper
 105 100
 120 43.5 37.4 56.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
 Supervised By :Mahesh Dadoda 12/20/2024



#74

1,2,4-Trimethylbenzene

Concen: 10.937 ppbv

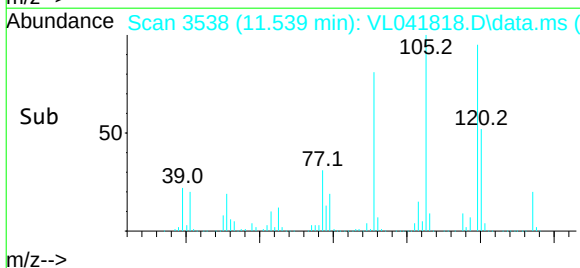
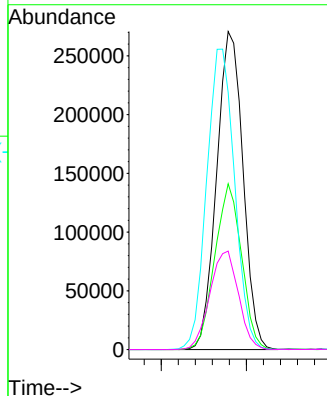
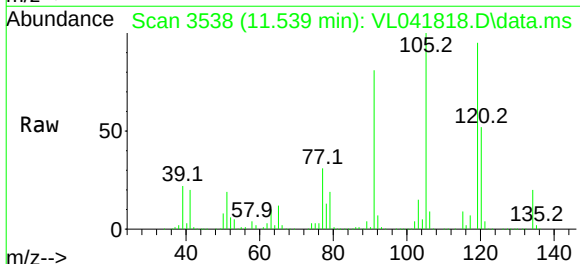
RT: 11.539 min Scan# 3538

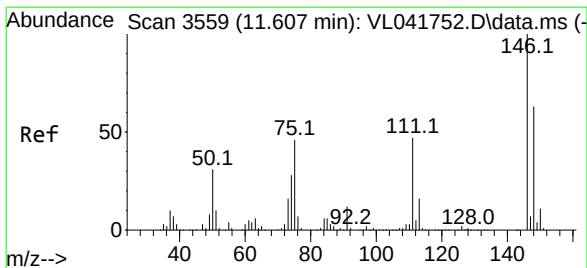
Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Tgt Ion:105 Resp: 291508
 Ion Ratio Lower Upper
 105 100
 120 52.1 39.0 58.4
 91 80.8 58.1 87.1
 77 30.9 21.8 32.8





#75

1,3-Dichlorobenzene

Concen: 10.017 ppbv

RT: 11.611 min Scan# 3559

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

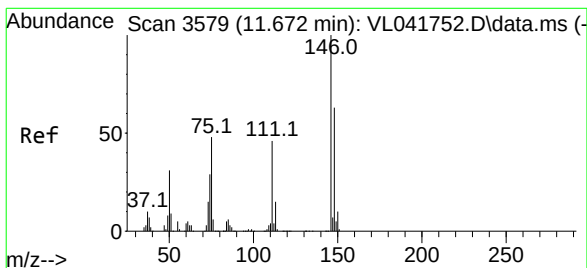
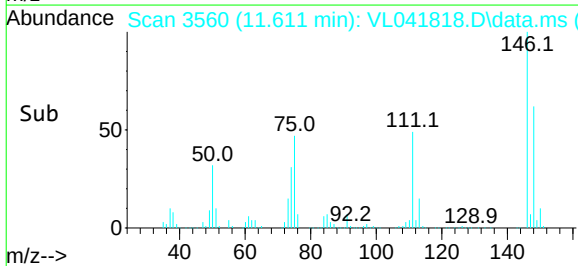
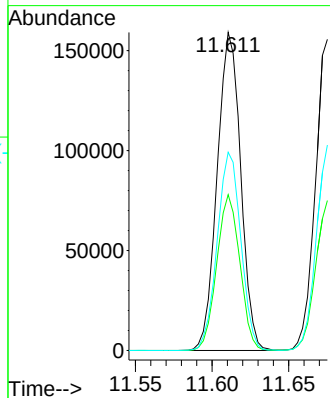
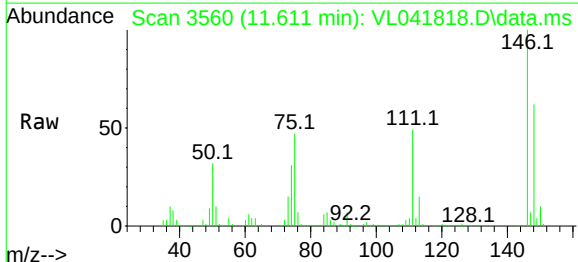
VSTDCCC010

Tgt Ion:	146	Resp:	170226
Ion	Ratio	Lower	Upper
146	100		
111	48.1	23.4	70.3
148	62.6	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#76

1,4-Dichlorobenzene

Concen: 10.079 ppbv

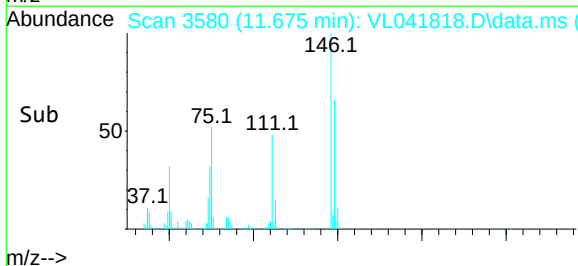
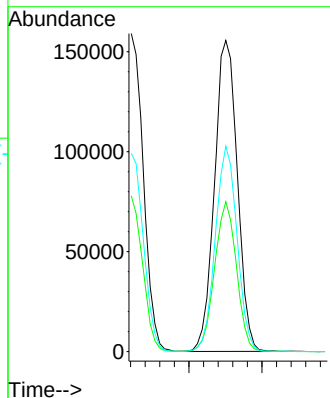
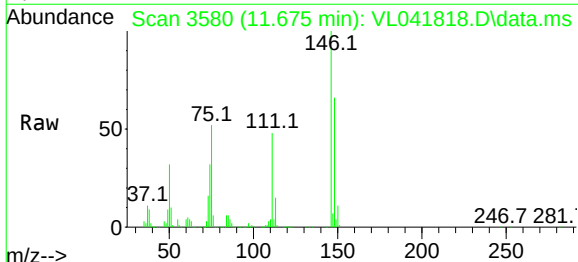
RT: 11.675 min Scan# 3580

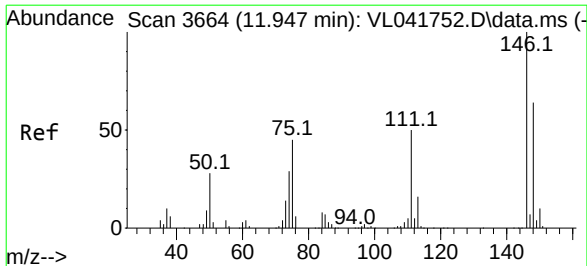
Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

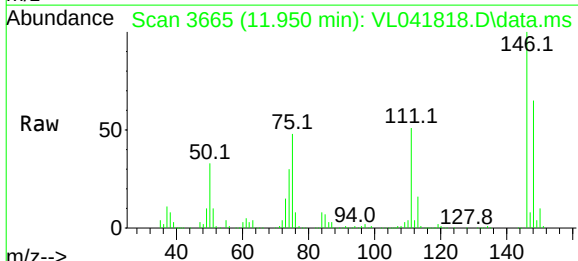
Tgt Ion:	146	Resp:	169203
Ion	Ratio	Lower	Upper
146	100		
111	46.2	22.7	68.1
148	63.0	31.4	94.0





#77
1,2-Dichlorobenzene
Concen: 9.882 ppbv
RT: 11.950 min Scan# 3664
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

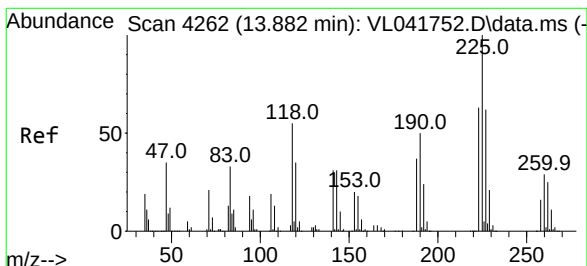
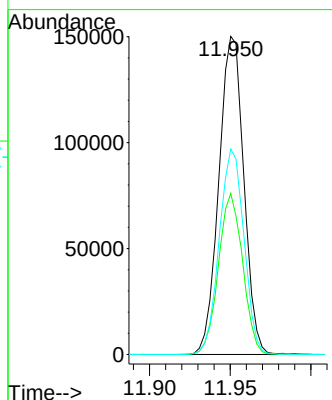
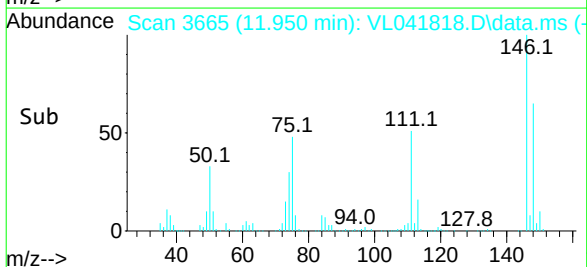
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:146 Resp: 161579
Ion Ratio Lower Upper
146 100
111 49.2 24.8 74.3
148 64.0 31.8 95.4

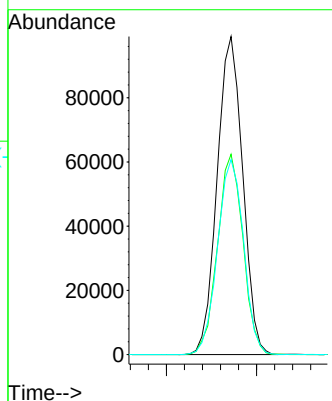
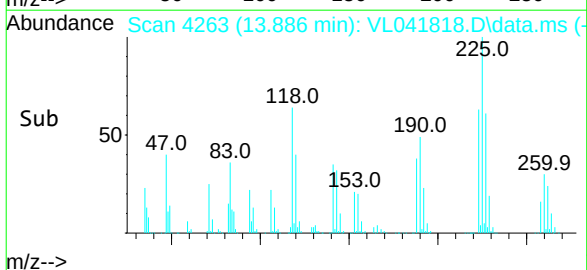
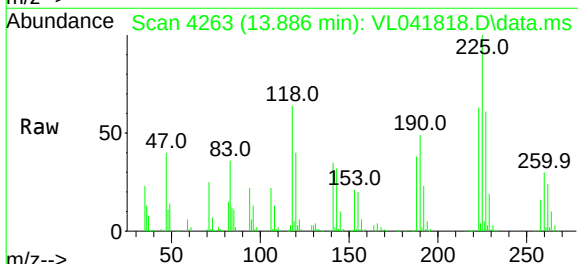
Manual Integrations
APPROVED

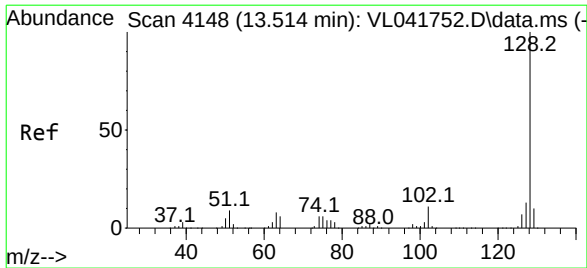
Reviewed By :Semsettin Yesilyurt 12/20/2024
Supervised By :Mahesh Dadoda 12/20/2024



#78
Hexachloro-1,3-Butadiene
Concen: 8.069 ppbv
RT: 13.886 min Scan# 4263
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Tgt Ion:225 Resp: 97824
Ion Ratio Lower Upper
225 100
223 62.6 50.5 75.7
227 62.3 50.3 75.5





#79

Naphthalene

Concen: 11.095 ppbv

RT: 13.517 min Scan# 4148

Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

Instrument :

MSVOA_L

ClientSampleId :

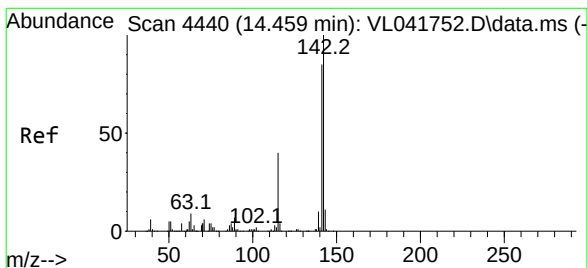
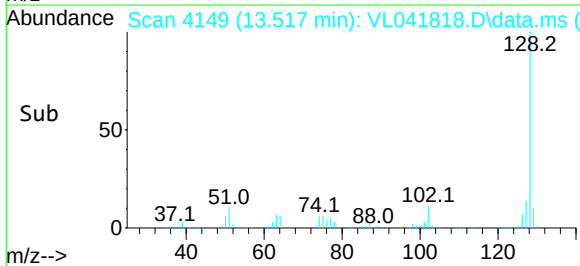
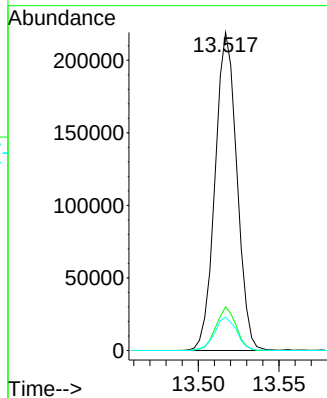
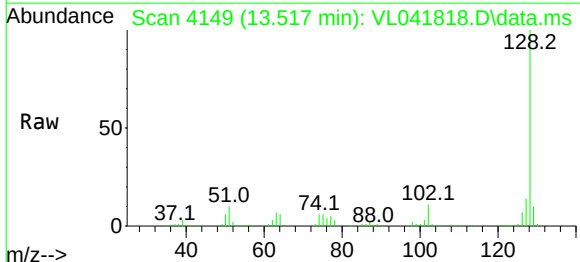
VSTDCCC010

Tgt Ion:	128	Resp:	206055
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.7	16.1
129	10.5	8.2	12.4

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#80

Naphthalene, 2-methyl-

Concen: 15.278 ppbv

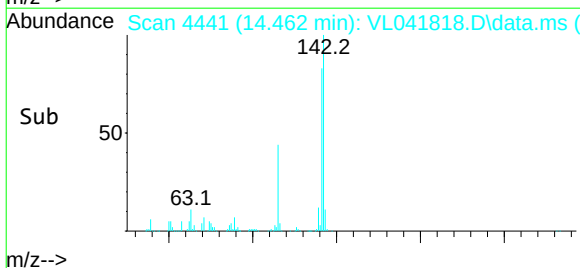
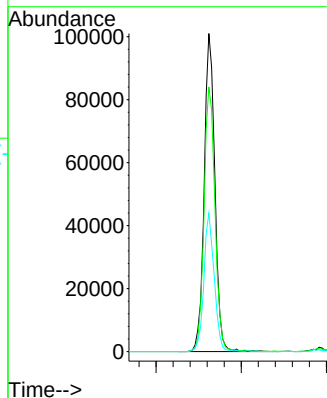
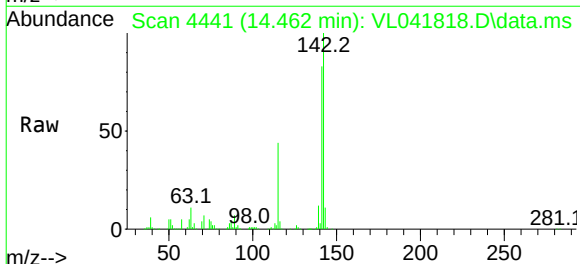
RT: 14.462 min Scan# 4441

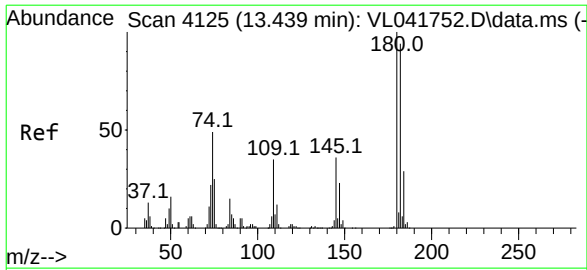
Delta R.T. 0.003 min

Lab File: VL041818.D

Acq: 19 Dec 2024 13:16

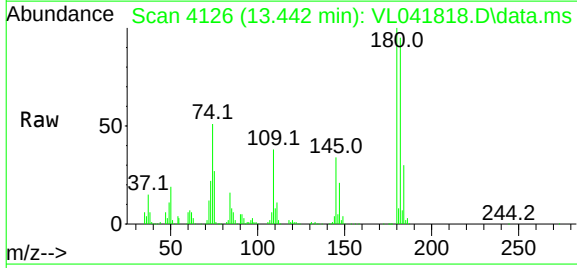
Tgt Ion:	142	Resp:	87758
Ion	Ratio	Lower	Upper
142	100		
141	85.5	68.4	102.6
115	42.7	32.5	48.7





#81
1,2,4-Trichlorobenzene
Concen: 9.388 ppbv
RT: 13.442 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL041818.D
Acq: 19 Dec 2024 13:16

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.0	115.6
184	30.5	23.8	35.8

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