

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041178.D
 Acq On : 29 Apr 2024 10:49
 Operator : SY/MD
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Quant Time: Apr 30 05:05:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Tue Apr 30 05:04:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

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

Internal Standards						
1) Bromochloromethane	5.185	49	1128547	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	2868001	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2656923	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	13.773	95	2015819	10.046	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.500%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.719	85	96105	0.616	ppbv	92
3) Chlorodifluoromethane	2.665	51	92535	0.538	ppbv	97
4) Chloromethane	2.803	50	37307	0.545	ppbv	99
5) Vinyl Chloride	2.909	62	33984	0.512	ppbv	91
6) Bromomethane	3.111	94	13054	0.531	ppbv	95
7) Chloroethane	3.185	64	13271	0.551	ppbv	90
8) Dichlorotetrafluoroethane	2.848	85	84194	0.534	ppbv	94
9) Propene	2.684	41	37472	0.558	ppbv	98
10) Heptane	7.571	43	85369	0.531	ppbv	98
11) Trichlorofluoromethane	3.552	101	79385	0.512	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.057	101	61814	0.534	ppbv	98
13) Ethanol	3.253	45	6579m	0.454	ppbv	
14) Bromoethene	3.356	108	24818m	0.515	ppbv	
15) Acetone	3.475	43	77920	0.579	ppbv #	88
16) 1,3-Butadiene	2.976	39	31528	0.471	ppbv	84
17) tert-Butyl alcohol	3.880	59	68078	0.468	ppbv #	85
18) 1,1-Dichloroethene	3.870	96	28245	0.532	ppbv	90
19) Isopropyl Alcohol	3.581	45	41301m	0.472	ppbv	
20) Methylene Chloride	3.925	84	27917	0.597	ppbv	86
21) Allyl Chloride	3.986	41	48808	0.556	ppbv	93
22) trans-1,2-Dichloroethene	4.439	96	26013	0.496	ppbv	98
23) Vinyl Acetate	4.626	43	78747	0.530	ppbv	99
24) 1,1-Dichloroethane	4.558	63	61911	0.541	ppbv #	97
25) Ethyl Acetate	5.205	43	135253	0.512	ppbv #	97
26) Hexane	5.208	57	59773	0.511	ppbv	87
27) Carbon Disulfide	4.115	76	68745	0.496	ppbv #	93
28) Methyl tert-Butyl Ether	4.591	73	50217	0.528	ppbv #	79
29) Chloroform	5.269	83	85566	0.524	ppbv	90
30) Cyclohexane	6.594	84	54504m	0.568	ppbv	
31) cis-1,2-Dichloroethene	5.070	61	57667	0.515	ppbv	94
32) 1,1,1-Trichloroethane	5.996	97	86802	0.530	ppbv	97
34) 2-Butanone	4.793	43	81235m	0.579	ppbv	
35) Carbon Tetrachloride	6.488	117	86968	0.534	ppbv	96
36) Benzene	6.365	78	123516	0.512	ppbv	95
37) 1,2-Dichloroethane	5.803	62	64600	0.512	ppbv #	92
38) Trichloroethene	7.285	130	46554	0.511	ppbv	85
39) 1,2-Dichloropropane	7.066	63	47513	0.510	ppbv	96
40) 1,4-Dioxane	7.320	88	14642m	0.440	ppbv	
41) Tetrahydrofuran	5.574	42	52608	0.507	ppbv	93
42) Bromodichloromethane	7.240	83	95551	0.518	ppbv	91
43) Methyl Methacrylate	7.468	69	51370m	0.519	ppbv	
44) 2,2,4-Trimethylpentane	7.324	57	222720	0.533	ppbv	99
45) t-1,3-Dichloropropene	8.713	75	35627m	0.492	ppbv	

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 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/30/2024
 Supervised By : Mahesh Dadoda 04/30/2024

Quant Time: Apr 30 05:05:33 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M

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

QLast Update : Tue Apr 30 05:04:57 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.137	75	45351	0.517	ppbv	92
47) 1,1,2-Trichloroethane	8.896	97	47606	0.513	ppbv	92
48) Dibromochloromethane	9.706	129	74025	0.493	ppbv	95
49) Bromoform	12.404	173	63005	0.489	ppbv	97
50) 4-Methyl-2-Pentanone	8.192	43	136553	0.516	ppbv	96
51) 2-Hexanone	9.568	43	96771	0.502	ppbv #	92
52) Tetrachloroethene	10.616	164	43486	0.512	ppbv	88
53) Toluene	9.214	91	147932	0.526	ppbv	98
54) 1,2-Dibromoethane	10.005	107	64763m	0.513	ppbv	
56) 1,1,1,2-Tetrachloroethane	11.510	131	59155	0.538	ppbv #	1
57) Chlorobenzene	11.523	112	104511	0.538	ppbv	99
58) Ethyl Benzene	12.085	91	198340	0.542	ppbv	96
59) m/p-Xylene	12.346	91	335741m	1.093	ppbv	
60) o-Xylene	13.056	91	161481	0.560	ppbv	100
61) Styrene	12.899	104	78413	0.521	ppbv	95
62) Isopropylbenzene	14.027	105	243105	0.561	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.050	83	111160m	0.567	ppbv	
64) n-propylbenzene	14.918	120	57500m	0.530	ppbv	
65) tert-Butylbenzene	16.088	119	212722	0.556	ppbv	98
66) Benzyl Chloride	16.320	91	27706m	0.608	ppbv	
67) sec-Butylbenzene	16.635	105	302898	0.559	ppbv	100
69) p-Isopropyltoluene	16.995	119	255910m	0.570	ppbv	
70) n-Butylbenzene	17.889	91	246360	0.528	ppbv	97
71) 2-Chlorotoluene	14.796	91	181470	0.548	ppbv	99
72) 4-Ethyltoluene	15.191	105	175607	0.534	ppbv	98
73) 1,3,5-Trimethylbenzene	15.349	105	160422	0.538	ppbv	95
74) 1,2,4-Trimethylbenzene	16.105	105	179991	0.554	ppbv	96
75) 1,3-Dichlorobenzene	16.326	146	94973	0.520	ppbv	96
76) 1,4-Dichlorobenzene	16.471	146	97680m	0.549	ppbv	
77) 1,2-Dichlorobenzene	17.143	146	98758m	0.535	ppbv	
78) Hexachloro-1,3-Butadiene	22.635	225	94560m	0.576	ppbv	
79) Naphthalene	21.384	128	179452m	0.583	ppbv	
80) Naphthalene,2-methyl-	24.381	142	83316	0.643	ppbv	86
81) 1,2,4-Trichlorobenzene	21.140	180	86396m	0.525	ppbv	

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

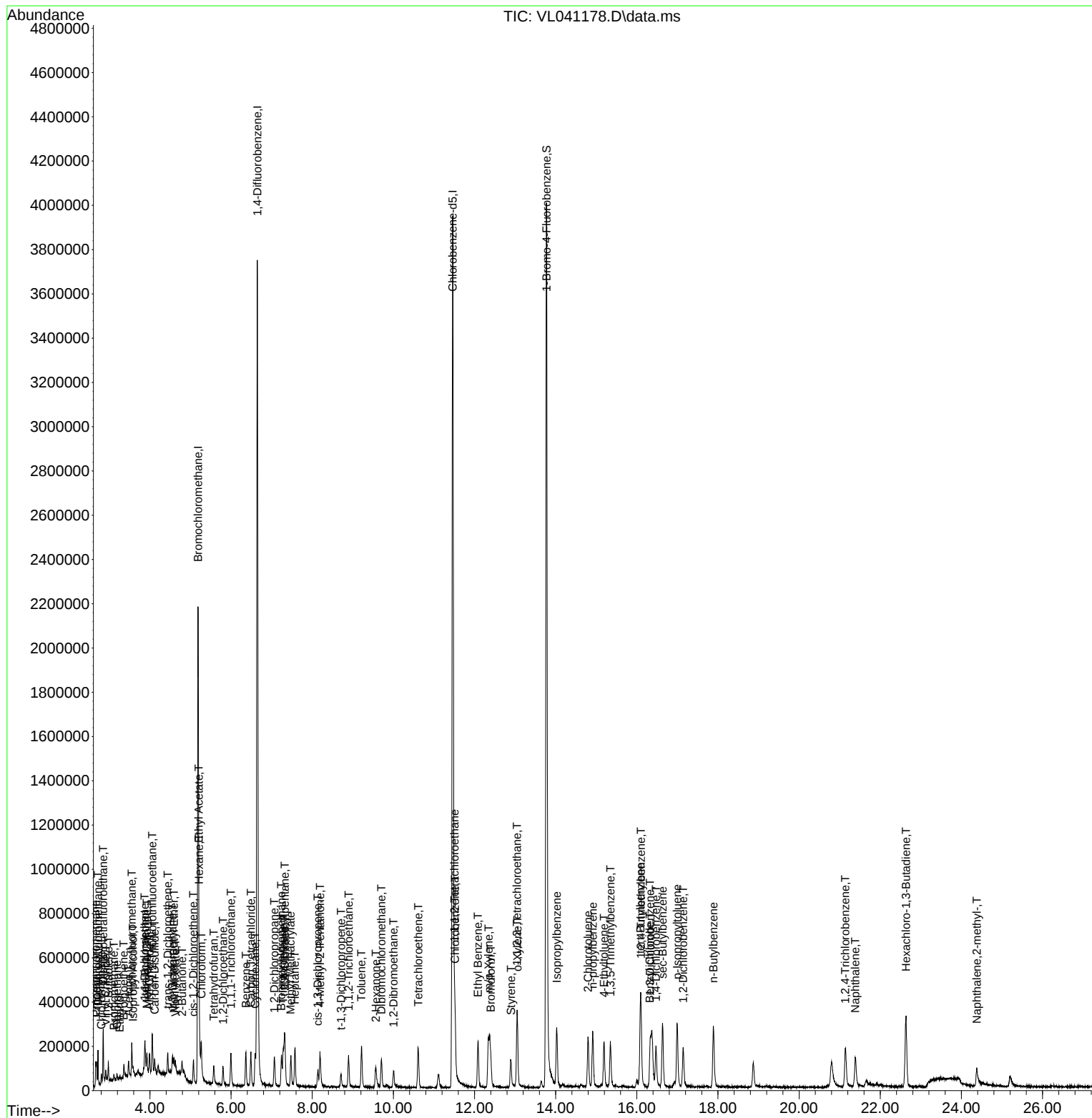
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
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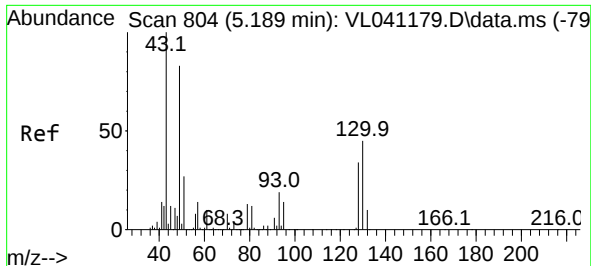
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

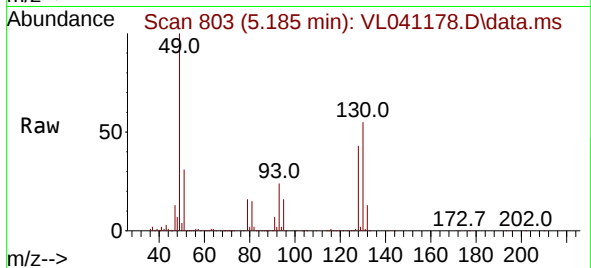
Quant Time: Apr 30 05:05:33 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL042924AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Apr 30 05:04:57 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. -0.004 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

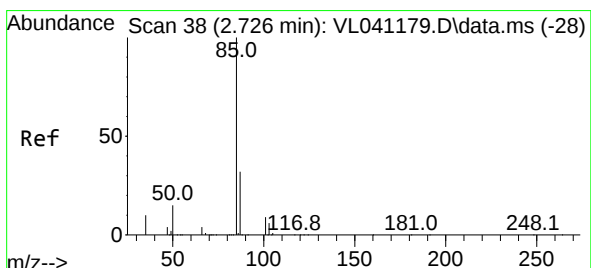
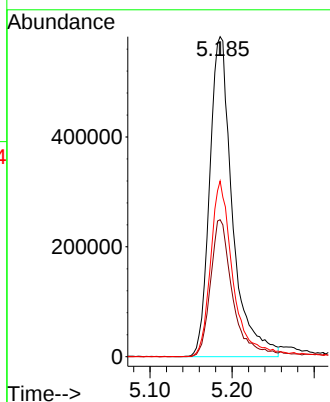
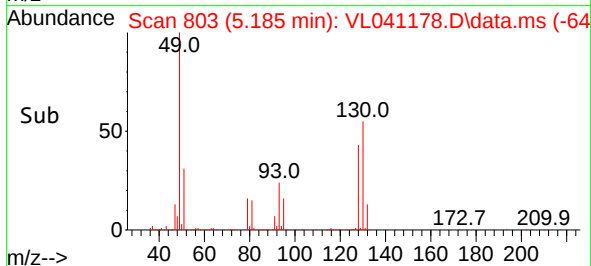
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 112854
Ion Ratio Lower Upper
49 100
128 43.2 21.5 64.5
130 55.2 27.2 81.6

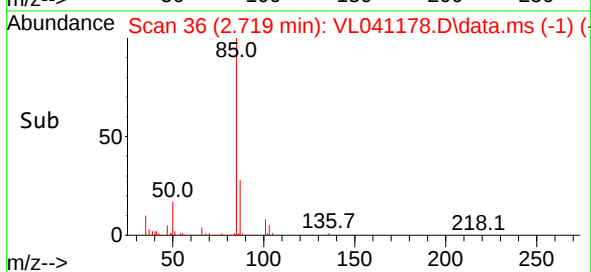
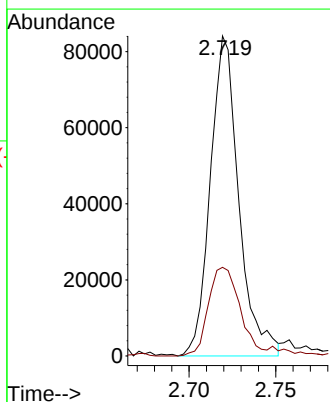
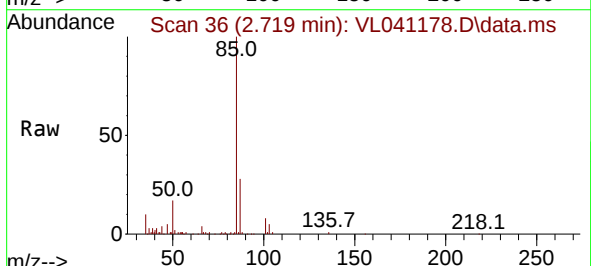
Manual Integrations
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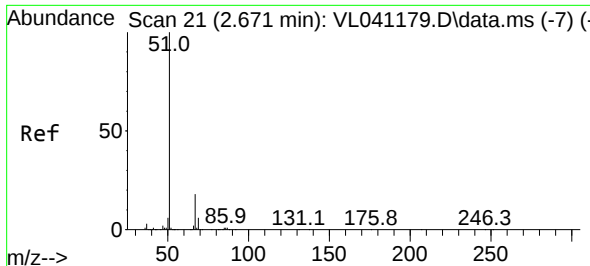
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#2
Dichlorodifluoromethane
Concen: 0.616 ppbv
RT: 2.719 min Scan# 36
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion: 85 Resp: 96105
Ion Ratio Lower Upper
85 100
87 27.7 25.7 38.5





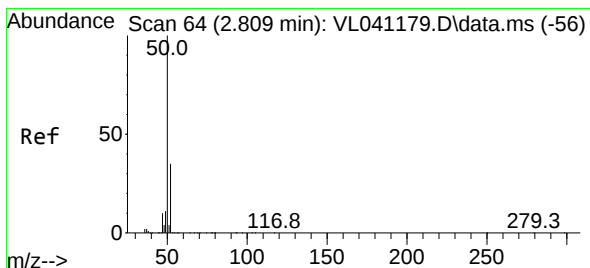
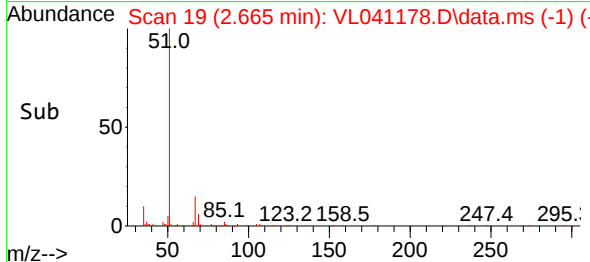
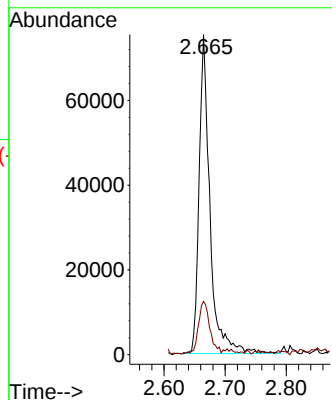
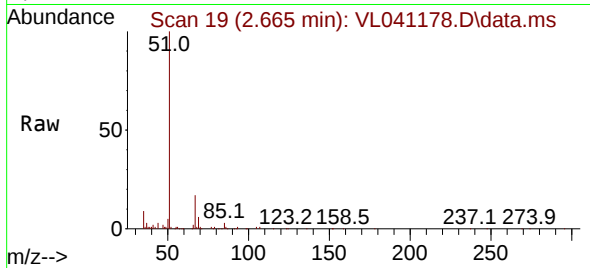
#3
Chlorodifluoromethane
Concen: 0.538 ppbv
RT: 2.665 min Scan# 19
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 92538
Ion Ratio Lower Upper
51 100
67 18.6 14.0 21.0

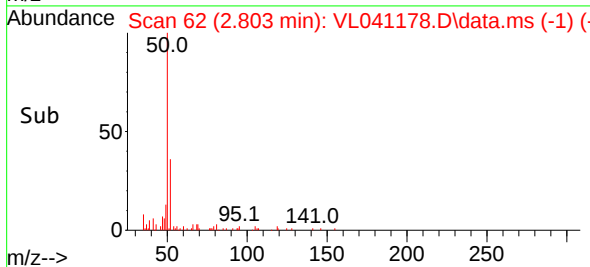
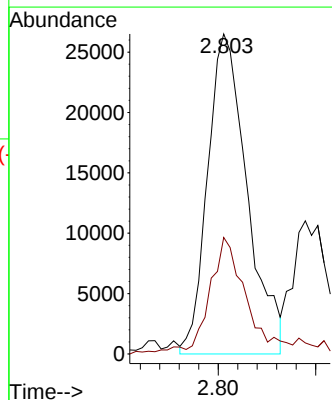
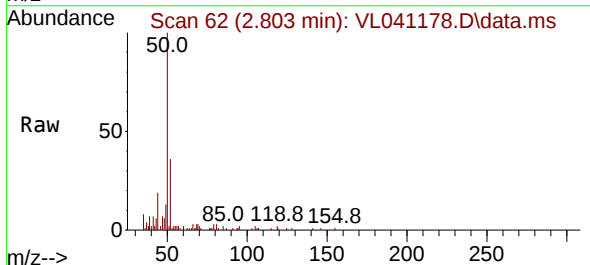
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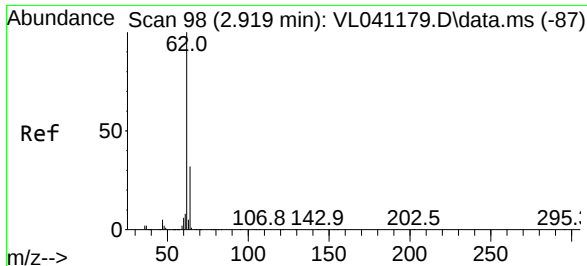
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#4
Chloromethane
Concen: 0.545 ppbv
RT: 2.803 min Scan# 62
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion: 50 Resp: 37307
Ion Ratio Lower Upper
50 100
52 35.8 28.3 42.5





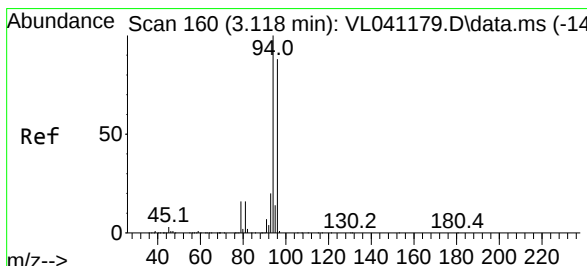
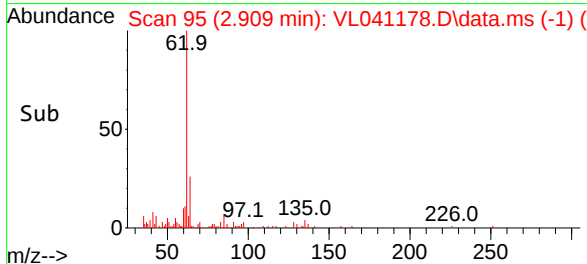
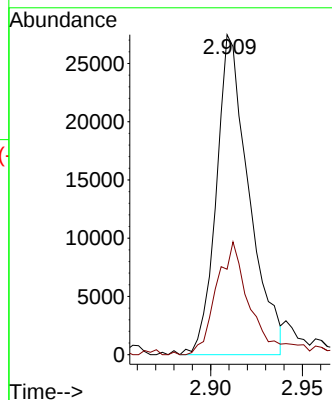
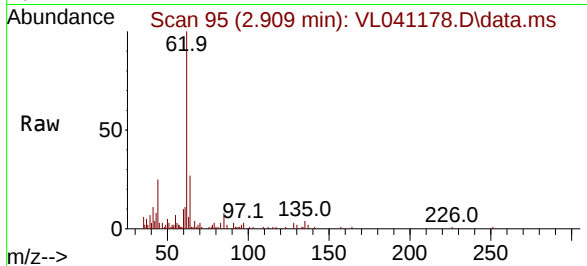
#5
 Vinyl Chloride
 Concen: 0.512 ppbv
 RT: 2.909 min Scan# 91
 Delta R.T. -0.010 min
 Lab File: VL041178.D
 Acq: 29 Apr 2024 10:49

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 62 Resp: 33984
 Ion Ratio Lower Upper
 62 100
 64 27.2 25.7 38.5

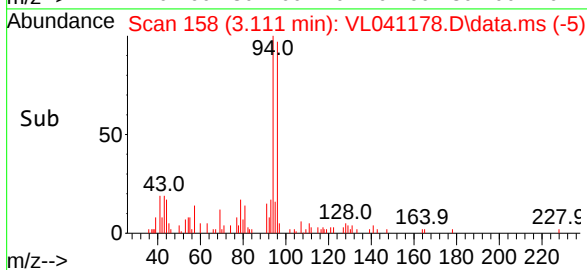
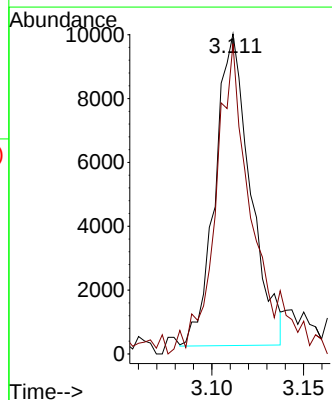
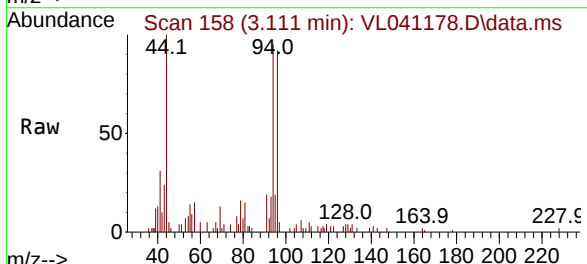
Manual Integrations
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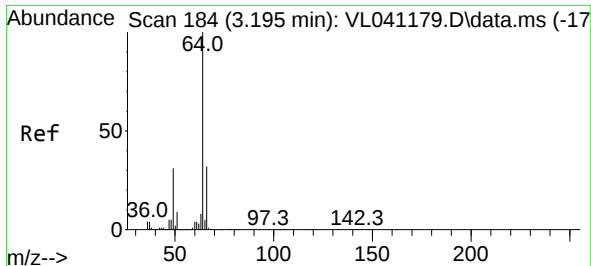
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#6
 Bromomethane
 Concen: 0.531 ppbv
 RT: 3.111 min Scan# 158
 Delta R.T. -0.006 min
 Lab File: VL041178.D
 Acq: 29 Apr 2024 10:49

Tgt Ion: 94 Resp: 13054
 Ion Ratio Lower Upper
 94 100
 96 92.2 70.1 105.1





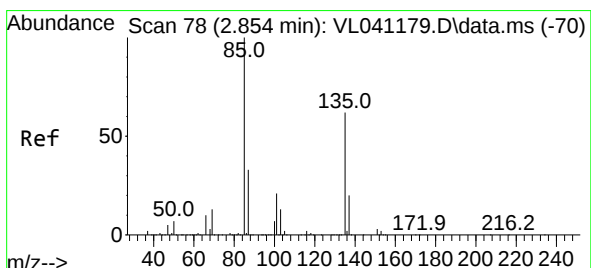
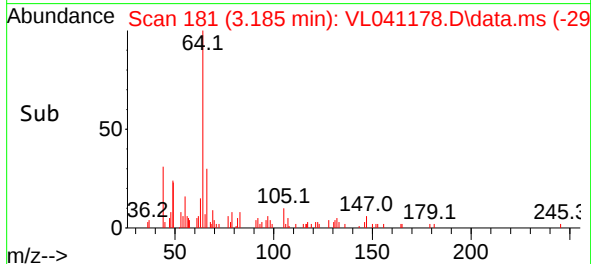
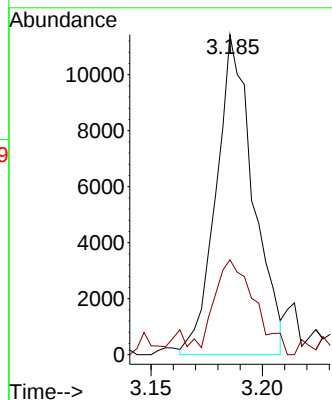
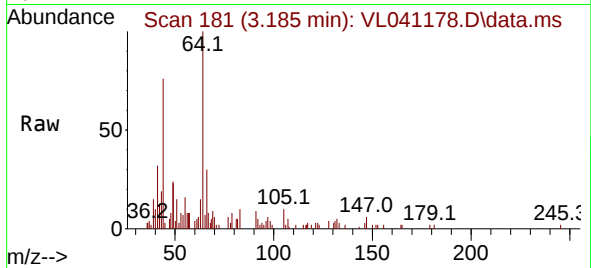
#7
Chloroethane
Concen: 0.551 ppbv
RT: 3.185 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 64 Resp: 1327
Ion Ratio Lower Upper
64 100
66 37.2 25.4 38.2

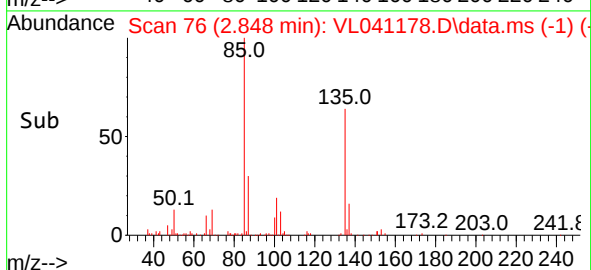
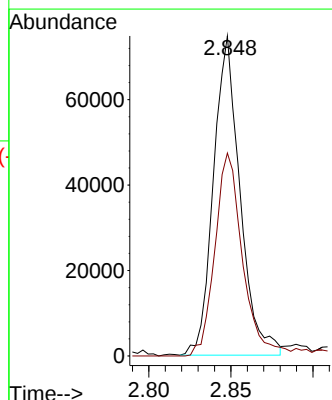
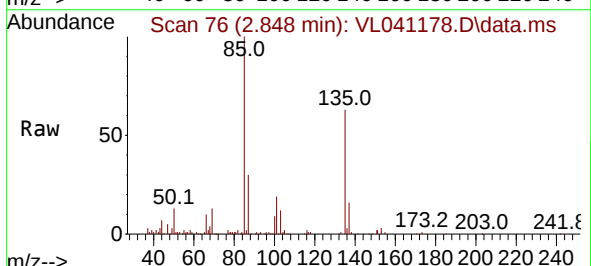
Manual Integrations
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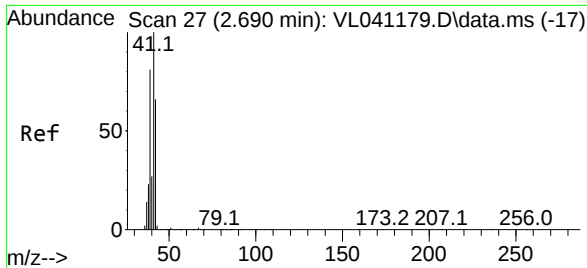
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#8
Dichlorotetrafluoroethane
Concen: 0.534 ppbv
RT: 2.848 min Scan# 76
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion: 85 Resp: 84194
Ion Ratio Lower Upper
85 100
135 69.0 51.5 77.3





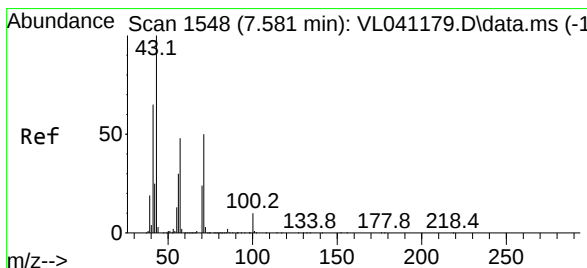
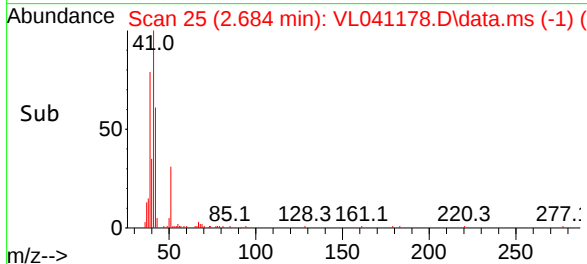
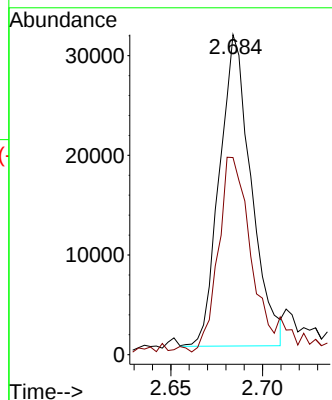
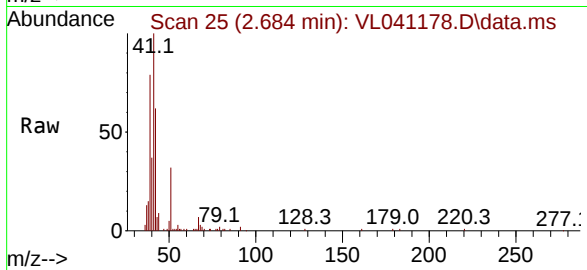
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Propene
Concen: 0.558 ppbv
RT: 2.684 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 41 Resp: 37472
Ion Ratio Lower Upper
41 100
42 70.8 55.3 82.9

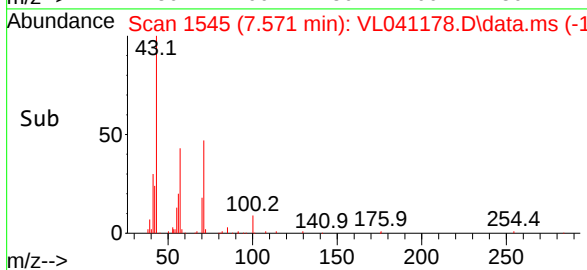
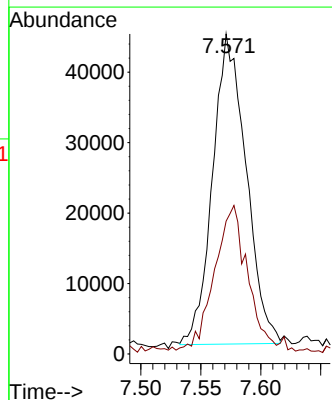
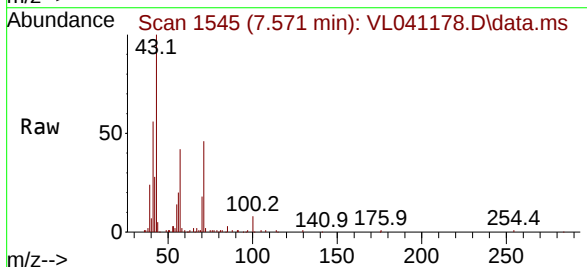
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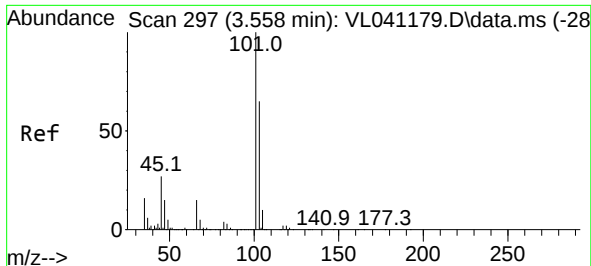
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#10
Heptane
Concen: 0.531 ppbv
RT: 7.571 min Scan# 1545
Delta R.T. -0.010 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion: 43 Resp: 85369
Ion Ratio Lower Upper
43 100
57 47.3 38.7 58.1





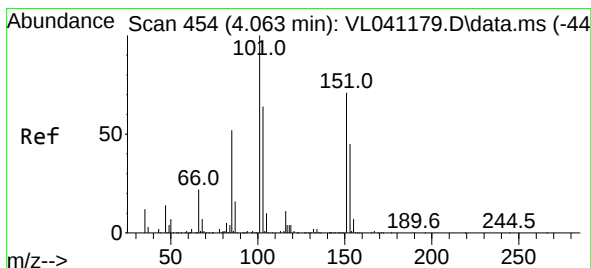
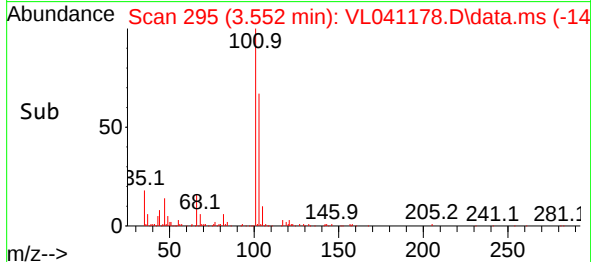
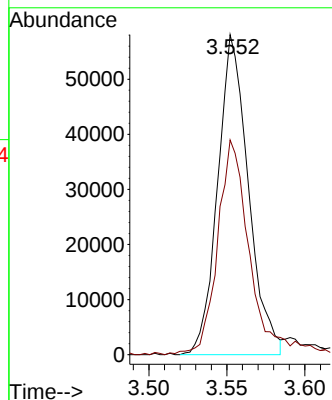
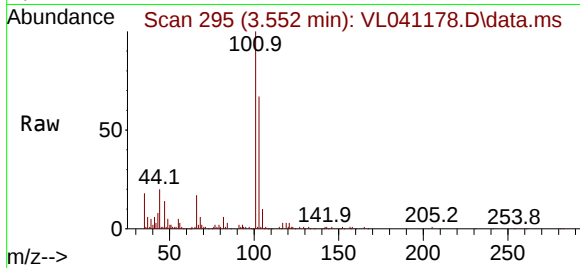
#11
Trichlorofluoromethane
Concen: 0.512 ppbv
RT: 3.552 min Scan# 297
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:101 Resp: 7938
Ion Ratio Lower Upper
101 100
103 66.1 51.6 77.4

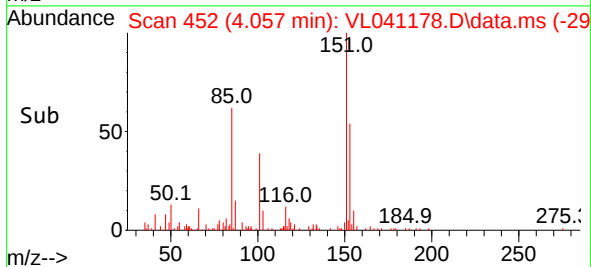
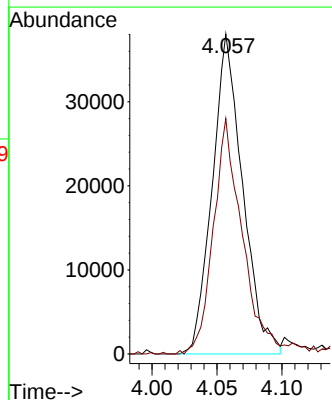
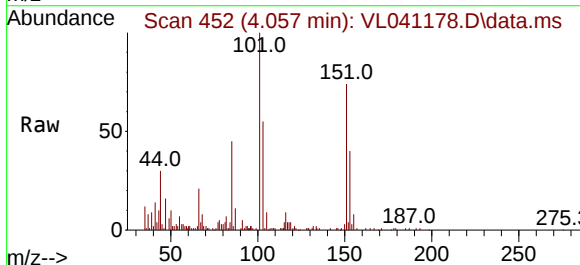
Manual Integrations
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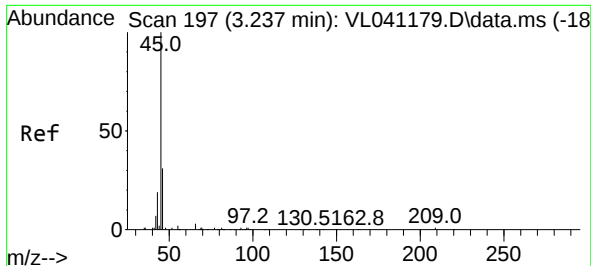
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.534 ppbv
RT: 4.057 min Scan# 452
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion:101 Resp: 61814
Ion Ratio Lower Upper
101 100
151 72.5 56.8 85.2





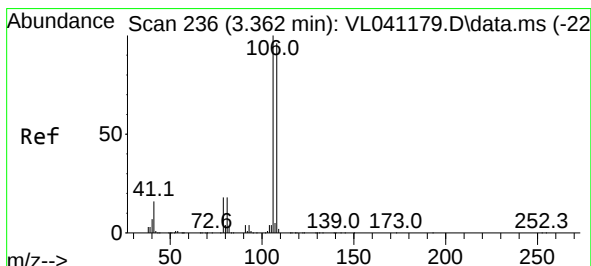
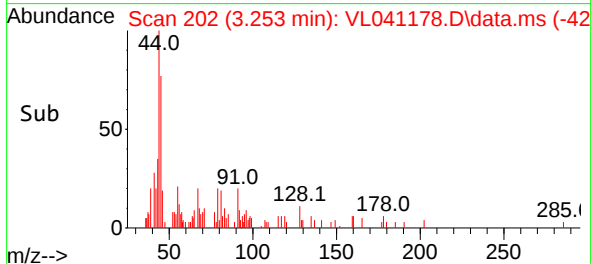
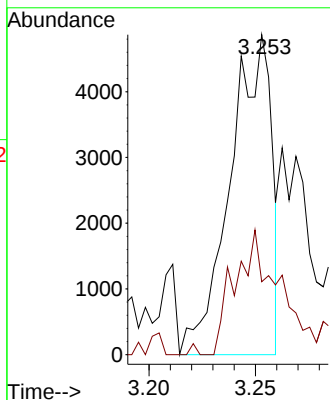
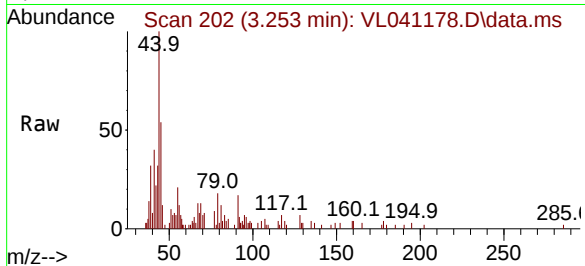
#13
Ethanol
Concen: 0.454 ppbv m
RT: 3.253 min Scan# 20
Delta R.T. 0.016 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 45 Resp: 6579
Ion Ratio Lower Upper
45 100
46 0.0 14.8 59.0

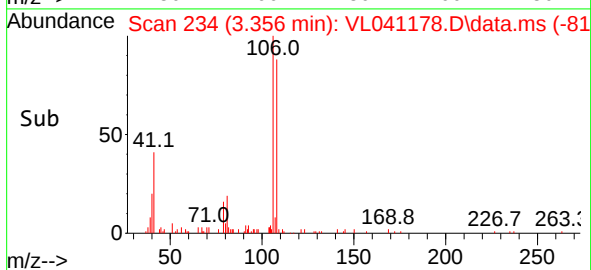
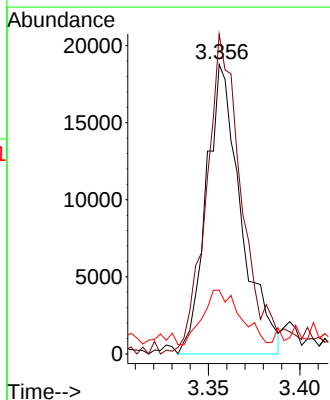
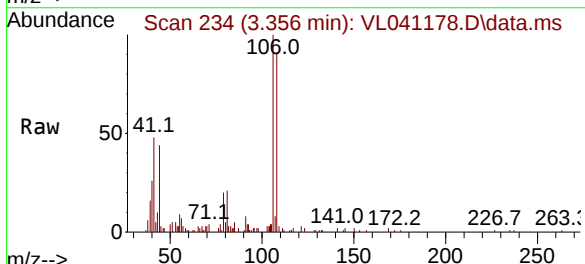
Manual Integrations
APPROVED

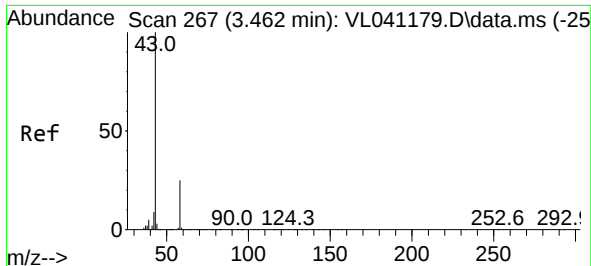
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#14
Bromoethene
Concen: 0.515 ppbv m
RT: 3.356 min Scan# 234
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

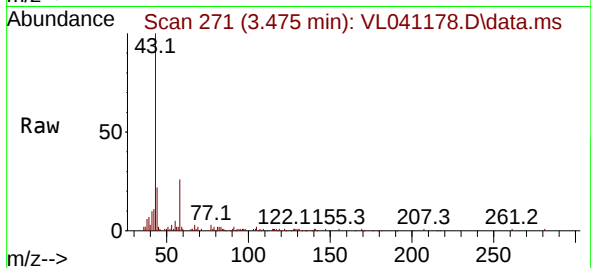
Tgt Ion:108 Resp: 24818
Ion Ratio Lower Upper
108 100
106 123.4 88.2 132.4
79 24.0 17.4 26.0





#15
Acetone
Concen: 0.579 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

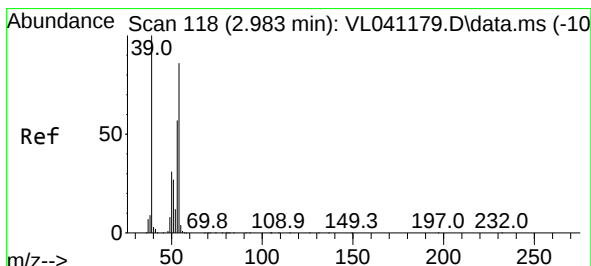
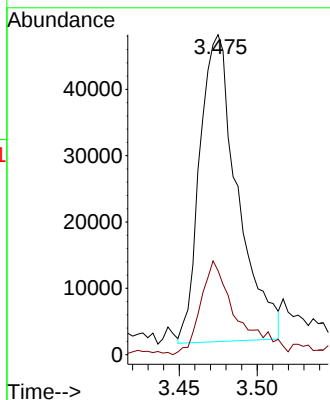
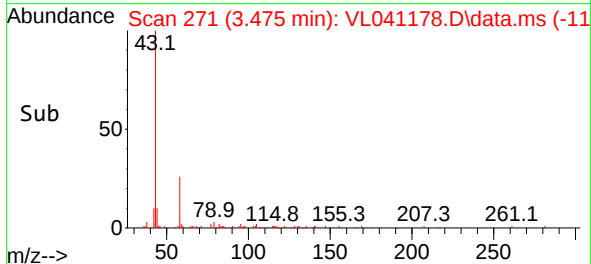
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



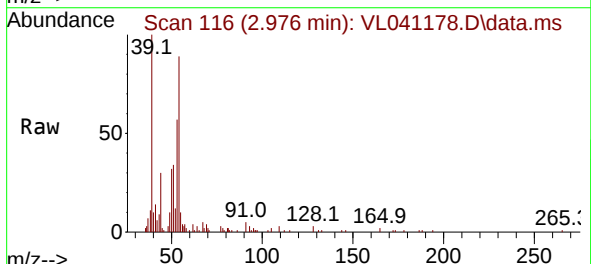
Tgt Ion: 43 Resp: 77920
Ion Ratio Lower Upper
43 100
58 32.7 21.4 32.0

Manual Integrations
APPROVED

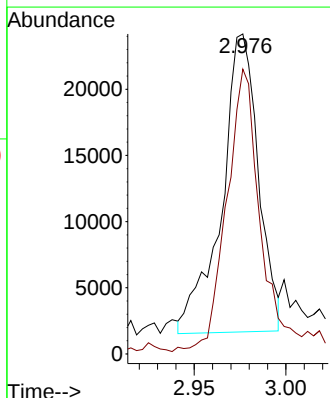
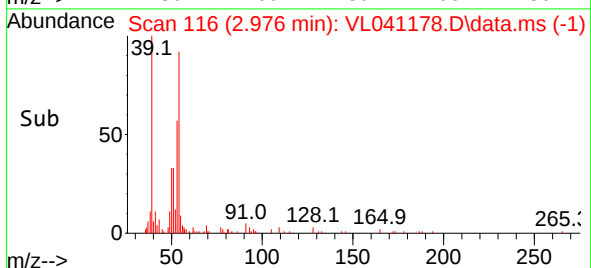
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

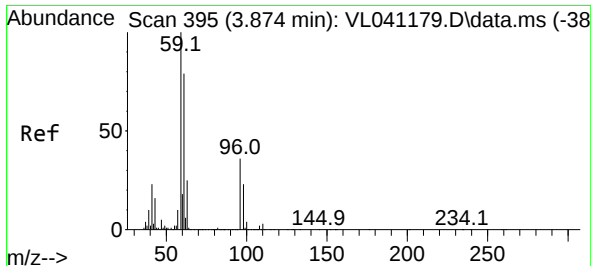


#16
1,3-Butadiene
Concen: 0.471 ppbv
RT: 2.976 min Scan# 116
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49



Tgt Ion: 39 Resp: 31528
Ion Ratio Lower Upper
39 100
54 91.3 62.2 93.4





#17

tert-Butyl alcohol

Concen: 0.468 ppbv

RT: 3.880 min Scan# 395

Delta R.T. 0.006 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 59 Resp: 68078

Ion Ratio Lower Upper

59 100

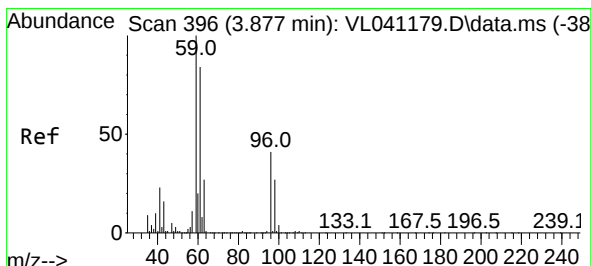
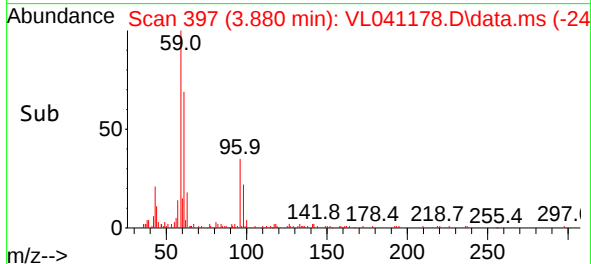
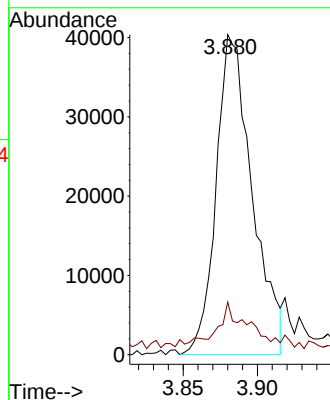
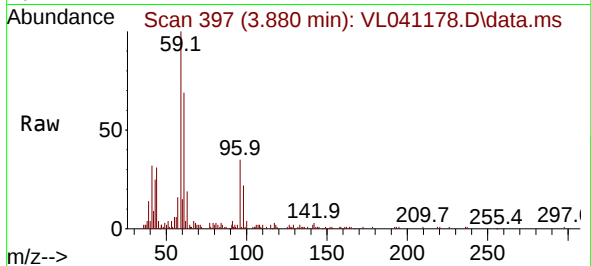
57 16.2 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#18

1,1-Dichloroethene

Concen: 0.532 ppbv

RT: 3.870 min Scan# 394

Delta R.T. -0.006 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

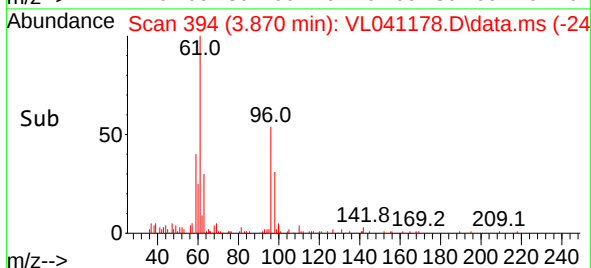
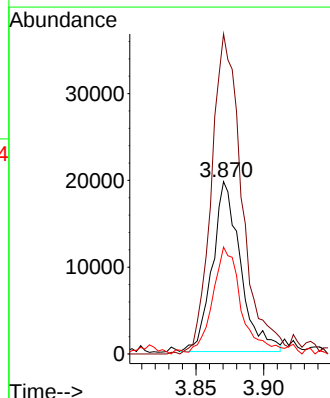
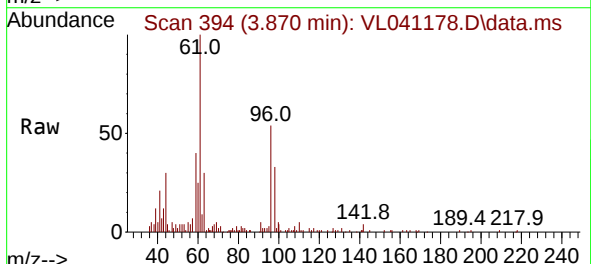
Tgt Ion: 96 Resp: 28245

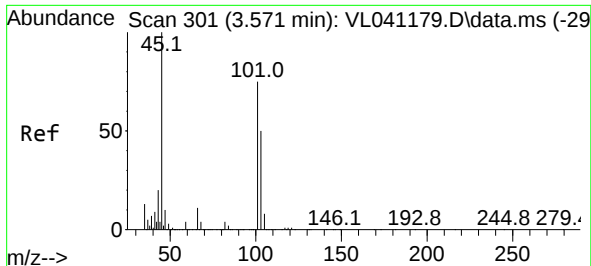
Ion Ratio Lower Upper

96 100

61 188.5 164.4 246.6

98 60.6 51.8 77.8





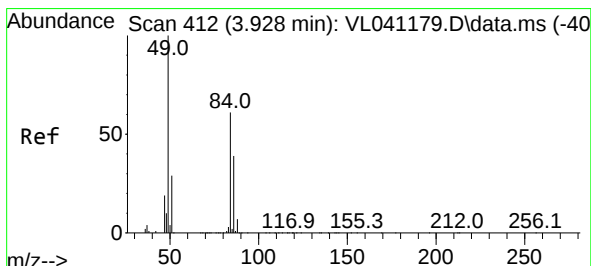
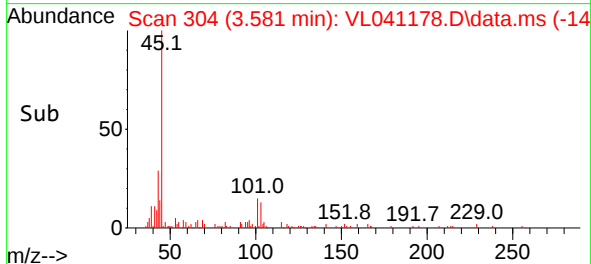
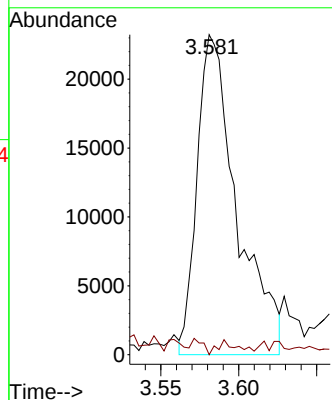
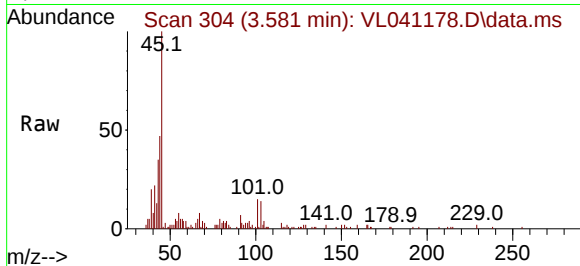
#19
Isopropyl Alcohol
Concen: 0.472 ppbv m
RT: 3.581 min Scan# 301
Delta R.T. 0.010 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 4130
Ion Ratio Lower Upper
45 100
58 2.3 26.8 40.2

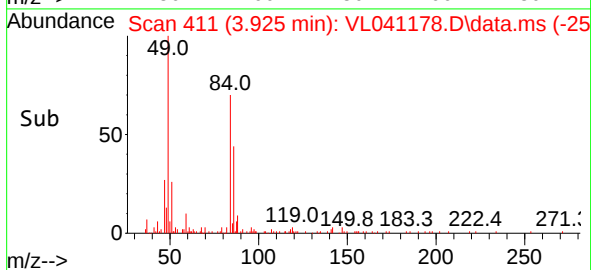
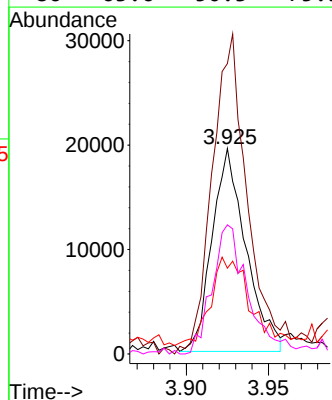
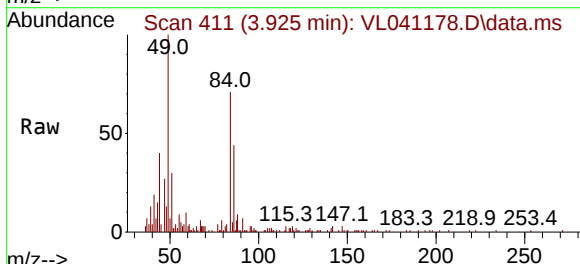
Manual Integrations
APPROVED

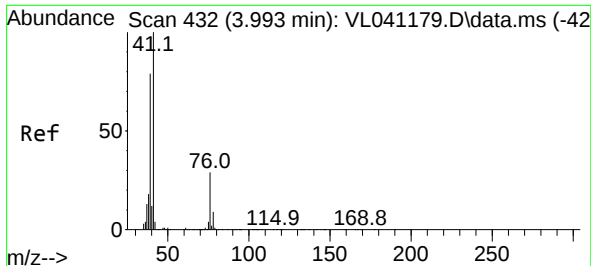
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#20
Methylene Chloride
Concen: 0.597 ppbv
RT: 3.925 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

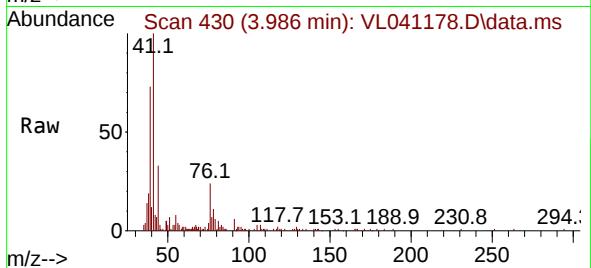
Tgt Ion: 84 Resp: 27917
Ion Ratio Lower Upper
84 100
49 136.4 130.4 195.6
51 39.2 38.0 57.0
86 63.6 50.3 75.5





#21
 Allyl Chloride
 Concen: 0.556 ppbv
 RT: 3.986 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VL041178.D
 Acq: 29 Apr 2024 10:49

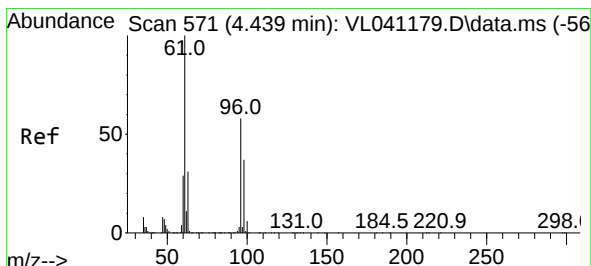
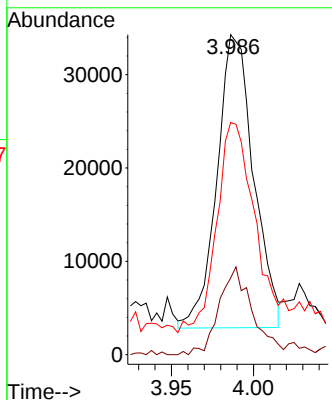
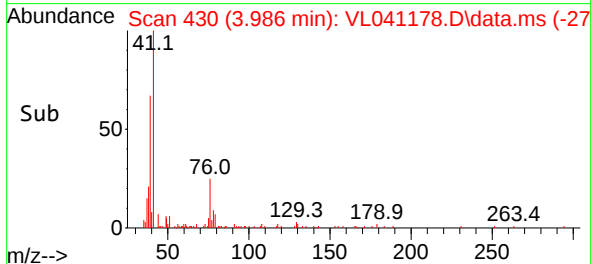
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



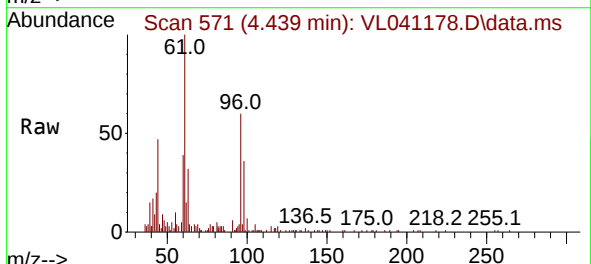
Tgt Ion: 41 Resp: 48808
 Ion Ratio Lower Upper
 41 100
 76 31.1 23.7 35.5
 39 88.9 64.7 97.1

Manual Integrations
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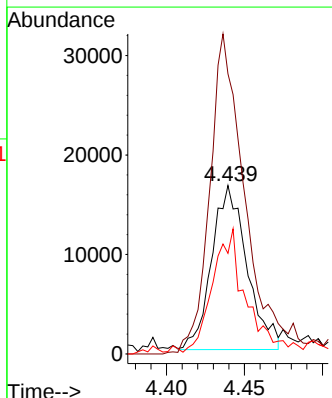
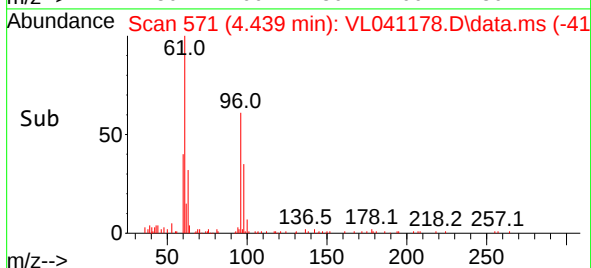
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

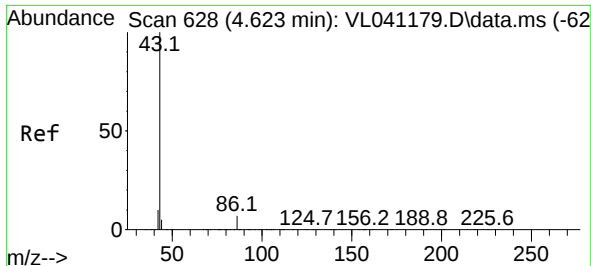


#22
 trans-1,2-Dichloroethene
 Concen: 0.496 ppbv
 RT: 4.439 min Scan# 571
 Delta R.T. -0.000 min
 Lab File: VL041178.D
 Acq: 29 Apr 2024 10:49



Tgt Ion: 96 Resp: 26013
 Ion Ratio Lower Upper
 96 100
 61 170.9 137.6 206.4
 98 58.6 50.6 76.0





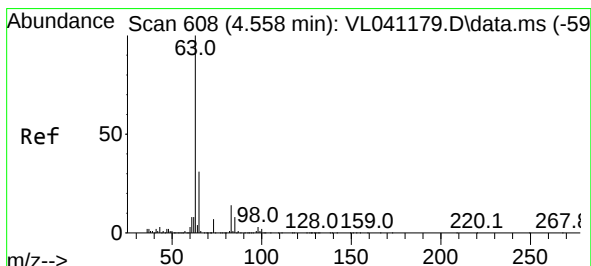
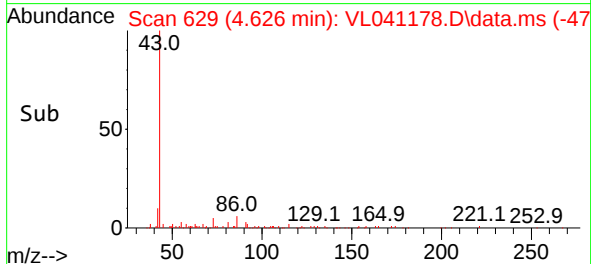
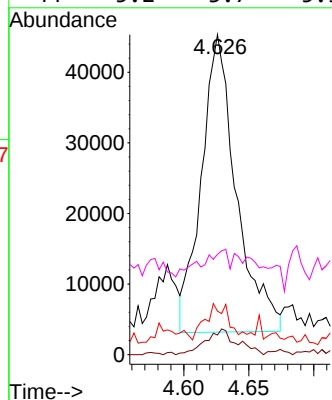
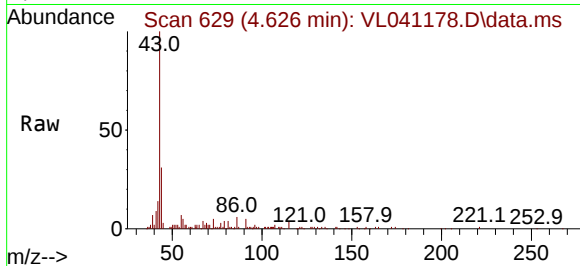
#23
 Vinyl Acetate
 Concen: 0.530 ppbv
 RT: 4.626 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL041178.D
 Acq: 29 Apr 2024 10:49

Instrument :
 MSVOA_1
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 7874
 Ion Ratio Lower Upper
 43 100
 86 5.9 4.9 7.3
 42 9.7 8.0 12.0
 44 5.2 3.7 5.5

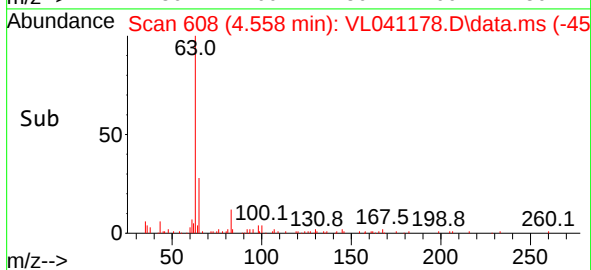
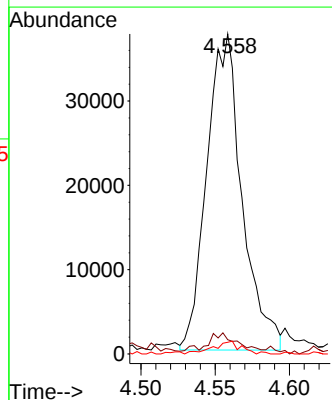
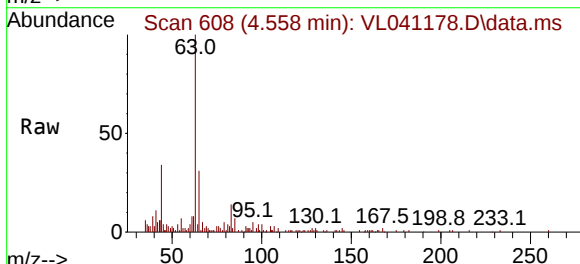
Manual Integrations
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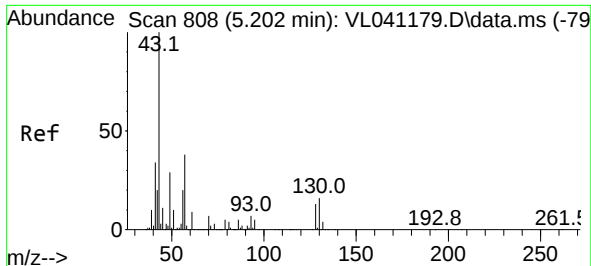
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#24
 1,1-Dichloroethane
 Concen: 0.541 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. -0.000 min
 Lab File: VL041178.D
 Acq: 29 Apr 2024 10:49

Tgt Ion: 63 Resp: 61911
 Ion Ratio Lower Upper
 63 100
 98 3.8 1.6 4.8
 100 3.7 1.1 3.5





#25

Ethyl Acetate

Concen: 0.512 ppbv

RT: 5.205 min Scan# 80

Delta R.T. 0.003 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

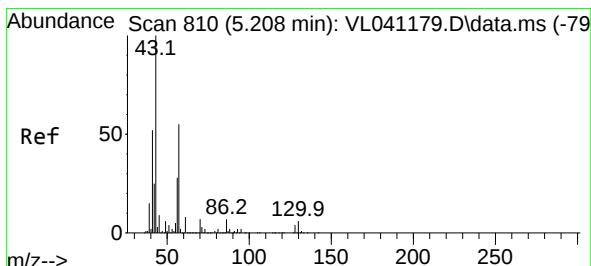
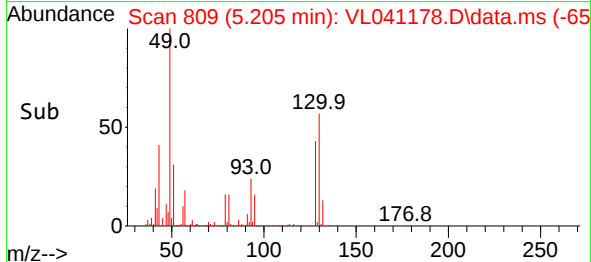
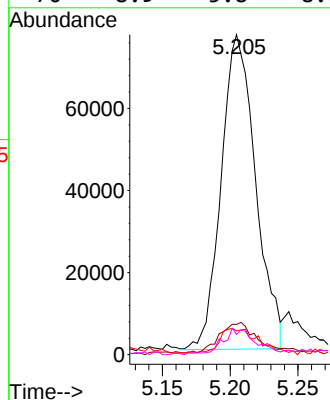
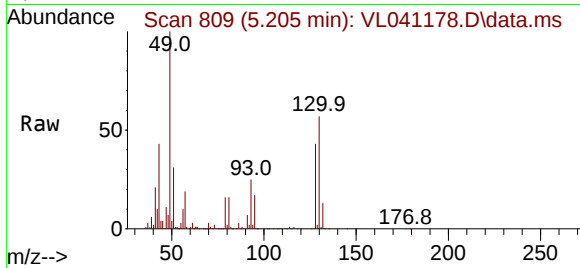
VSTDICC0.5

Tgt Ion: 43	Resp: 13525
Ion Ratio	Lower Upper
43 100	
45 11.6	8.2 12.2
61 9.9	7.7 11.5
70 8.9	5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#26

Hexane

Concen: 0.511 ppbv

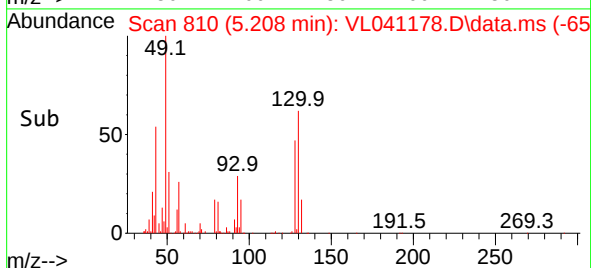
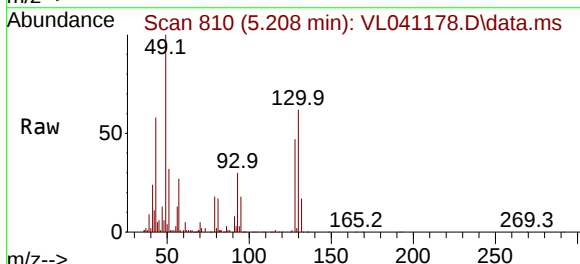
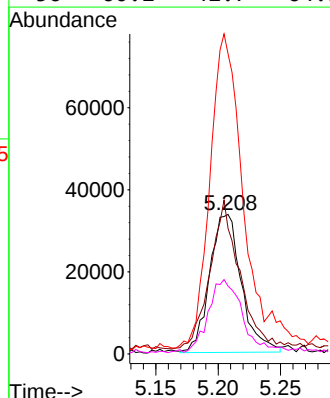
RT: 5.208 min Scan# 810

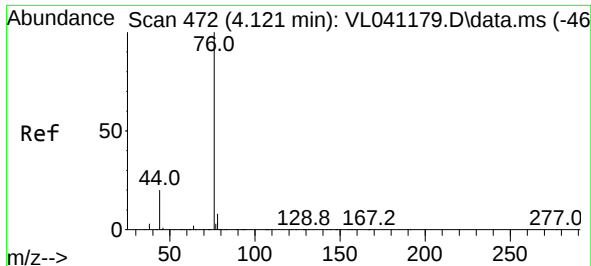
Delta R.T. -0.000 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Tgt Ion: 57	Resp: 59773
Ion Ratio	Lower Upper
57 100	
41 105.2	75.8 113.8
43 258.9	187.0 280.4
56 60.2	42.7 64.1





#27

Carbon Disulfide

Concen: 0.496 ppbv

RT: 4.115 min Scan# 41

Delta R.T. -0.006 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

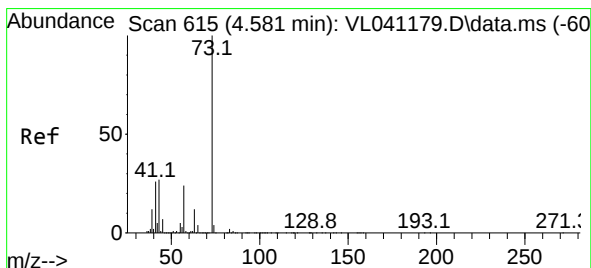
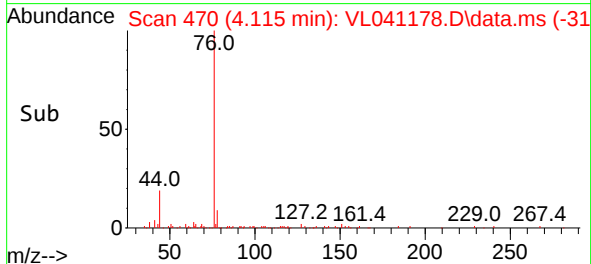
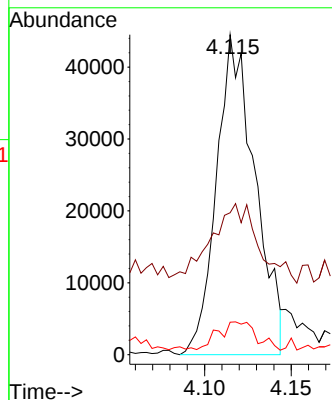
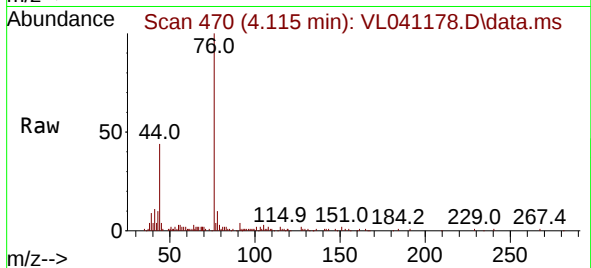
Tgt Ion: 76 Resp: 6874

Ion	Ratio	Lower	Upper
76	100		
44	25.1	16.3	24.5
78	9.4	7.3	10.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#28

Methyl tert-Butyl Ether

Concen: 0.528 ppbv

RT: 4.591 min Scan# 618

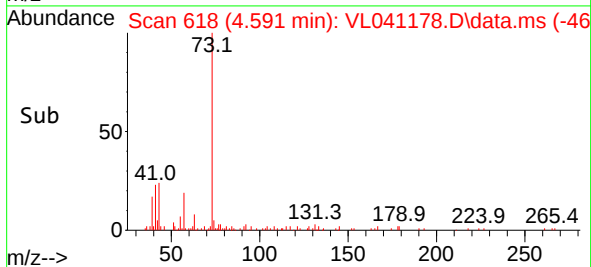
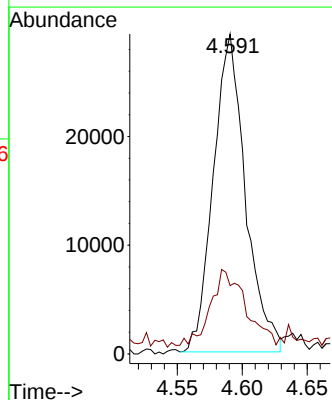
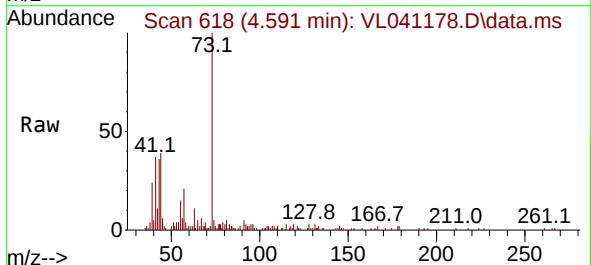
Delta R.T. 0.010 min

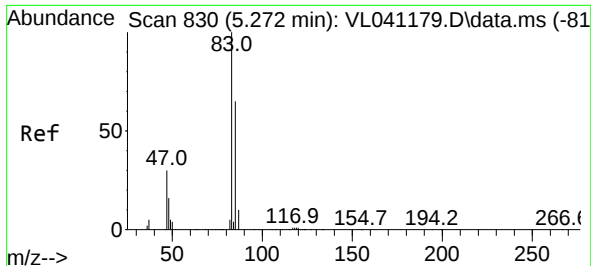
Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Tgt Ion: 73 Resp: 50217

Ion	Ratio	Lower	Upper
73	100		
57	33.8	18.8	28.2





#29

Chloroform

Concen: 0.524 ppbv

RT: 5.269 min Scan# 81

Delta R.T. -0.003 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 8556

Ion Ratio Lower Upper

83 100

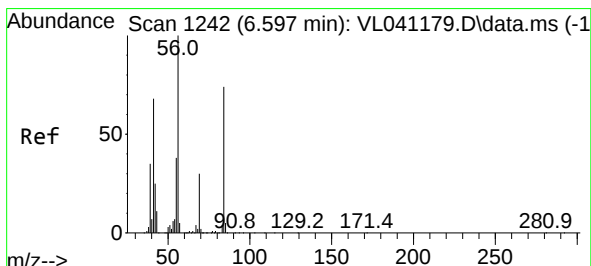
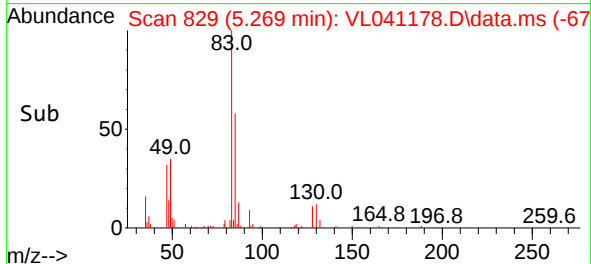
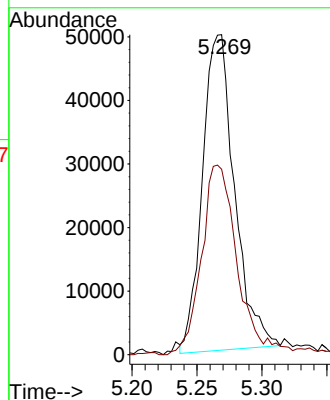
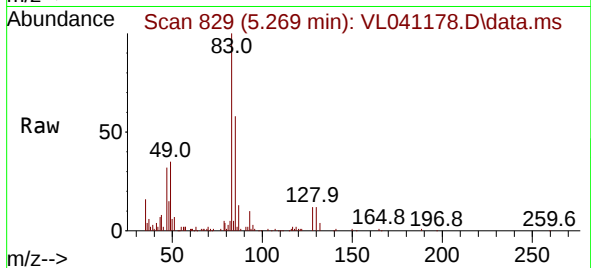
85 57.0 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#30

Cyclohexane

Concen: 0.568 ppbv m

RT: 6.594 min Scan# 1241

Delta R.T. -0.003 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

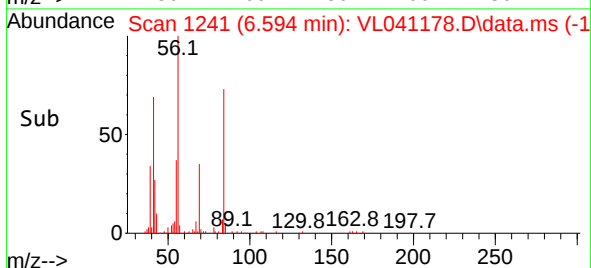
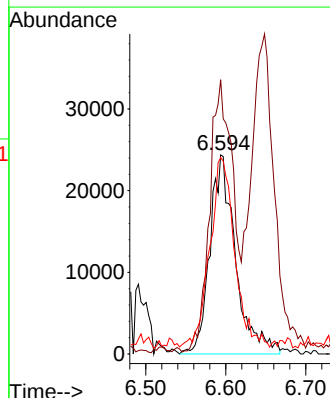
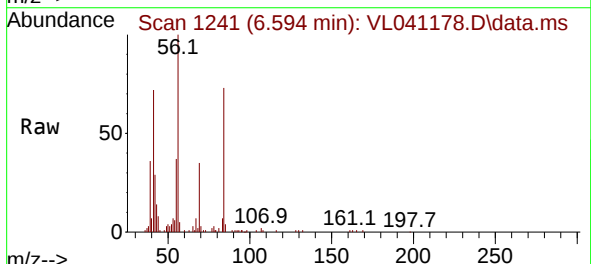
Tgt Ion: 84 Resp: 54504

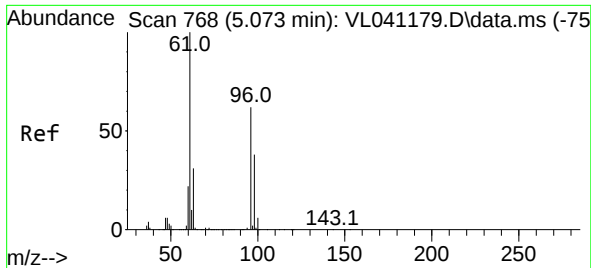
Ion Ratio Lower Upper

84 100

56 129.8 116.8 175.2

41 90.4 73.8 110.8





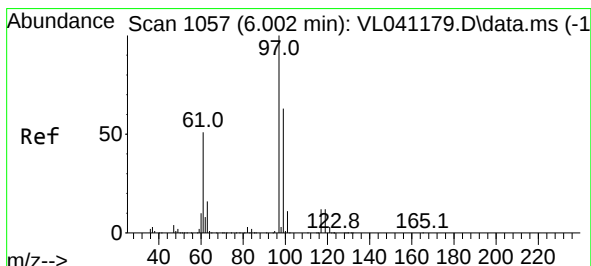
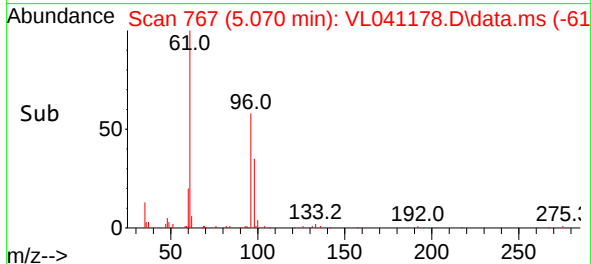
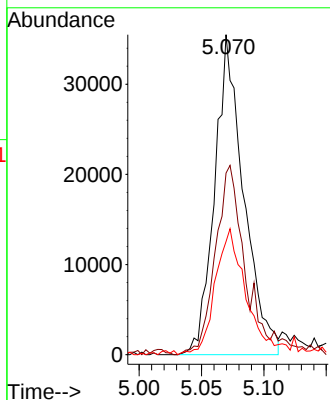
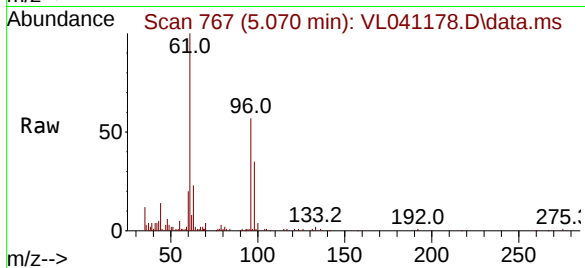
#31
cis-1,2-Dichloroethene
Concen: 0.515 ppbv
RT: 5.070 min Scan# 768
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 61 Resp: 5766
Ion Ratio Lower Upper
61 100
96 56.7 49.8 74.6
98 35.3 30.0 45.0

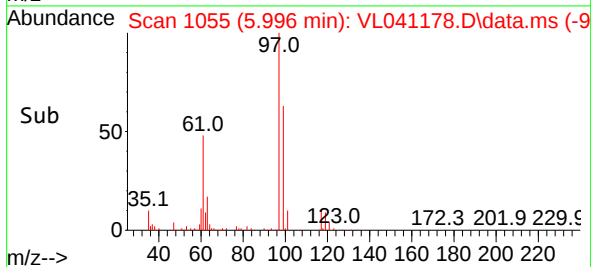
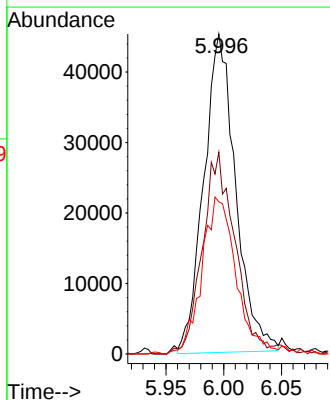
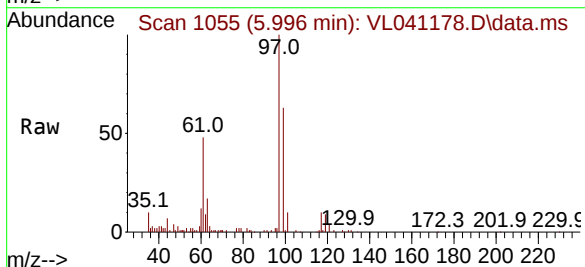
Manual Integrations
APPROVED

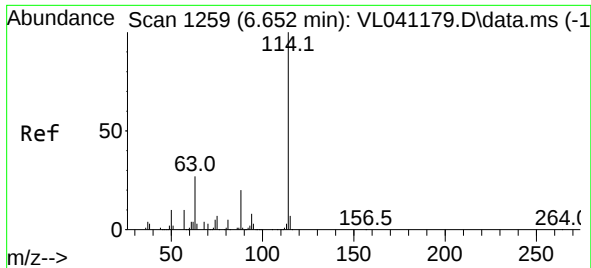
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#32
1,1,1-Trichloroethane
Concen: 0.530 ppbv
RT: 5.996 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion: 97 Resp: 86802
Ion Ratio Lower Upper
97 100
99 65.9 51.7 77.5
61 54.0 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.645 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:114 Resp: 286800

Ion Ratio Lower Upper

114 100

63 26.5 21.8 32.6

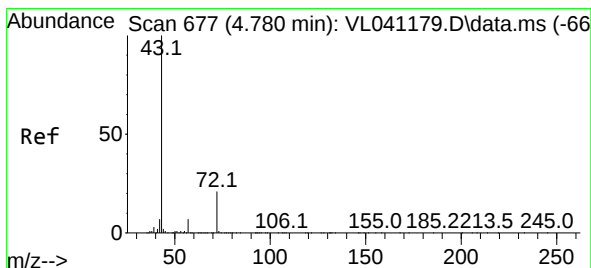
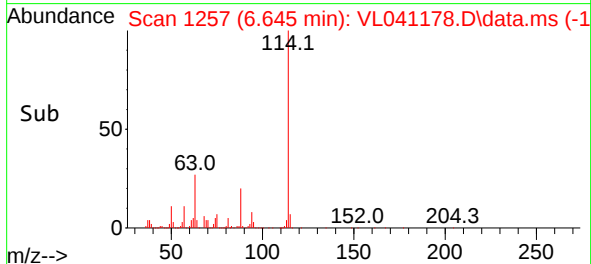
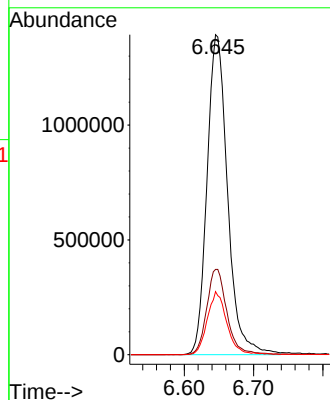
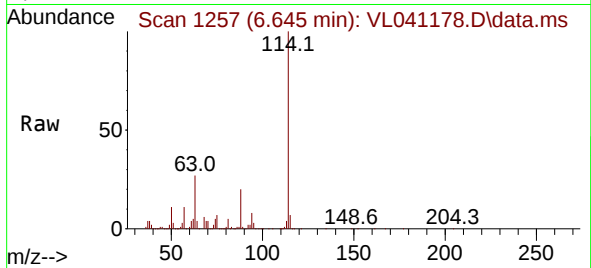
88 18.9 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#34

2-Butanone

Concen: 0.579 ppbv m

RT: 4.793 min Scan# 681

Delta R.T. 0.013 min

Lab File: VL041178.D

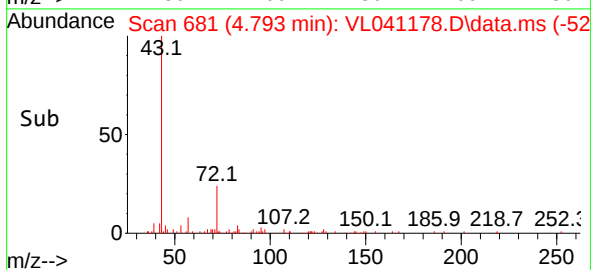
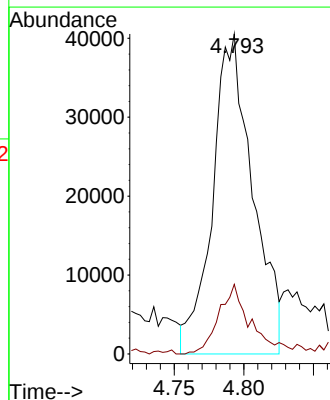
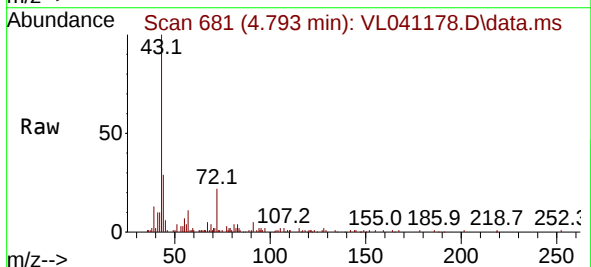
Acq: 29 Apr 2024 10:49

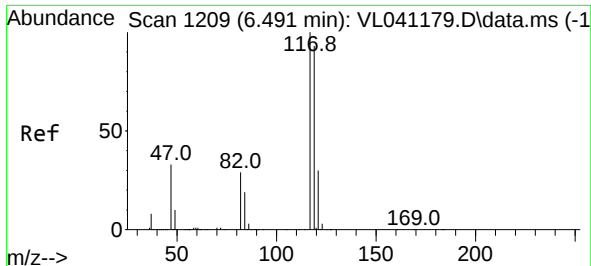
Tgt Ion: 43 Resp: 81235

Ion Ratio Lower Upper

43 100

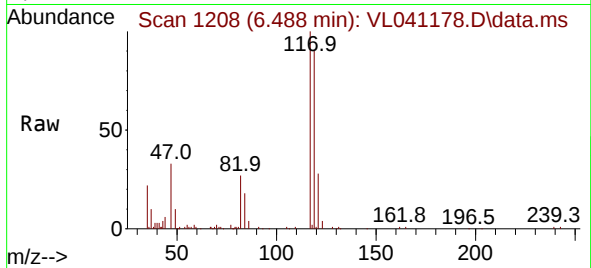
72 19.2 17.3 25.9





#35
Carbon Tetrachloride
Concen: 0.534 ppbv
RT: 6.488 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

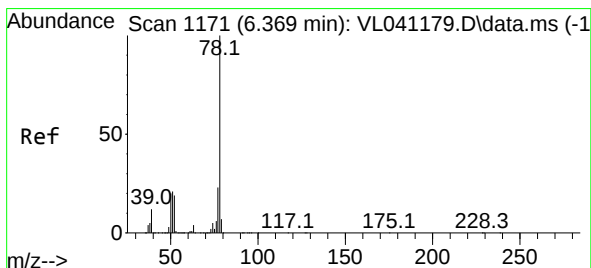
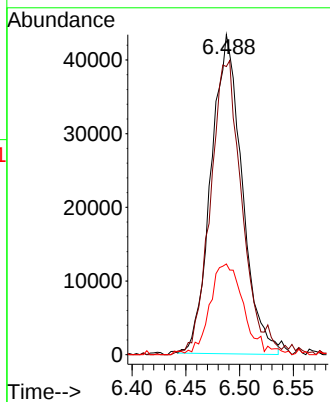
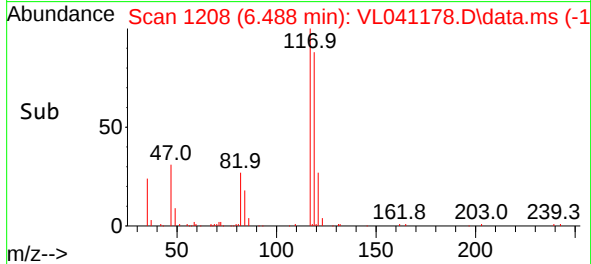
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 117 Resp: 8696
Ion Ratio Lower Upper
117 100
119 89.4 74.3 111.5
121 27.6 23.8 35.8

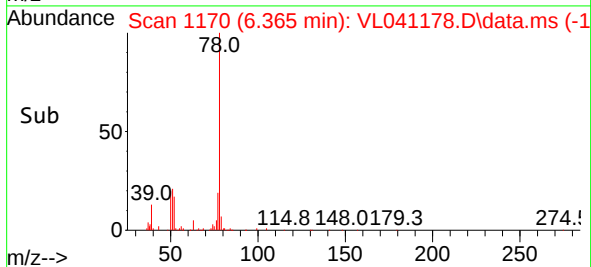
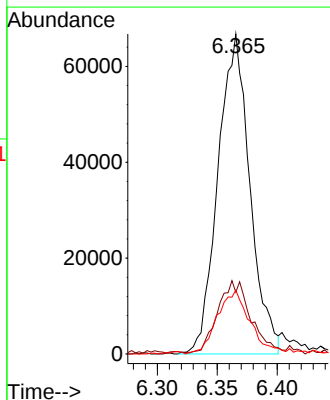
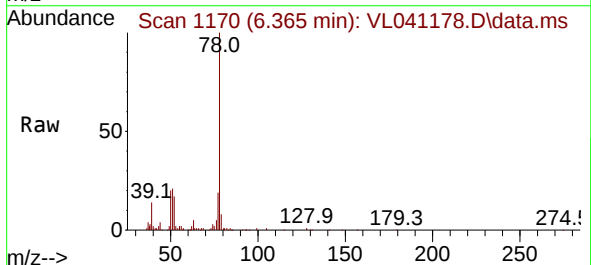
Manual Integrations
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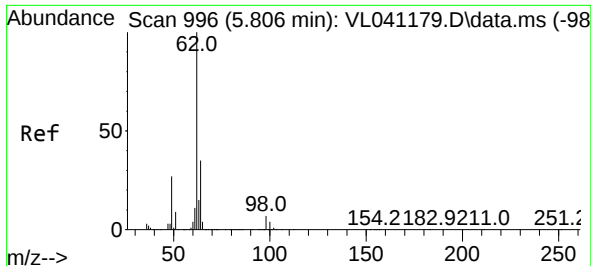
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#36
Benzene
Concen: 0.512 ppbv
RT: 6.365 min Scan# 1170
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion: 78 Resp: 123516
Ion Ratio Lower Upper
78 100
77 18.6 18.3 27.5
50 19.2 15.9 23.9





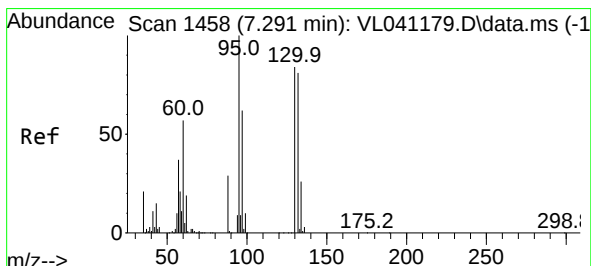
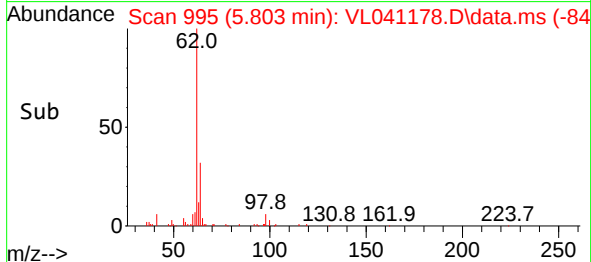
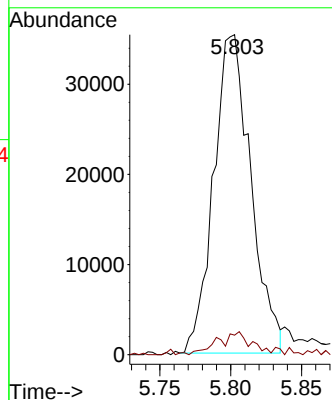
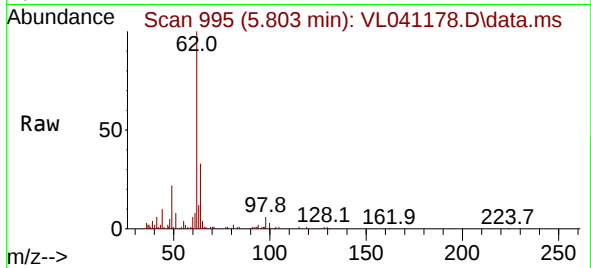
#37
1,2-Dichloroethane
Concen: 0.512 ppbv
RT: 5.803 min Scan# 996
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 62 Resp: 64600
Ion Ratio Lower Upper
62 100
98 8.9 5.0 7.4

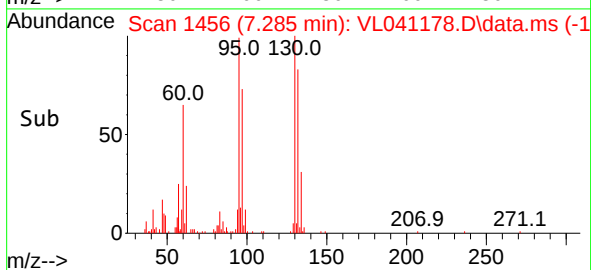
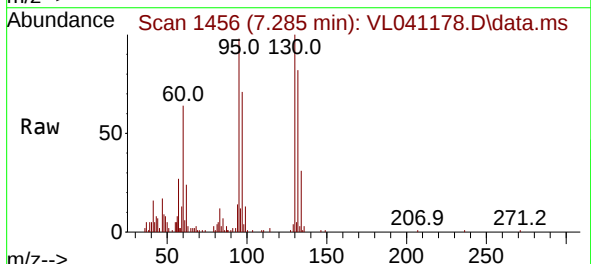
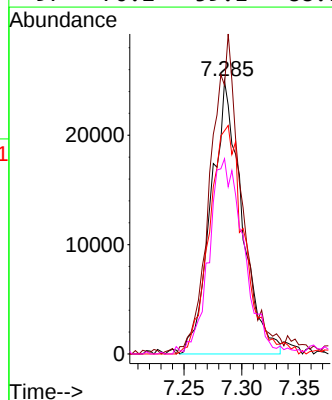
Manual Integrations
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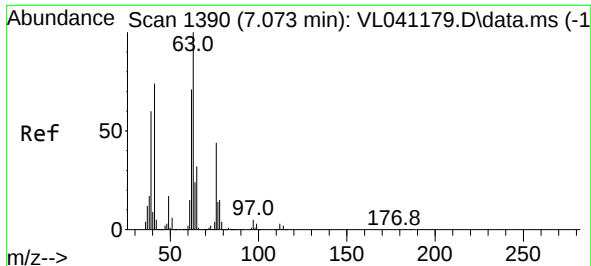
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#38
Trichloroethene
Concen: 0.511 ppbv
RT: 7.285 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion:130 Resp: 46554
Ion Ratio Lower Upper
130 100
95 95.7 95.0 142.6
132 81.0 77.0 115.4
97 70.2 59.1 88.7





#39

1,2-Dichloropropane

Concen: 0.510 ppbv

RT: 7.066 min Scan# 1388

Delta R.T. -0.006 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

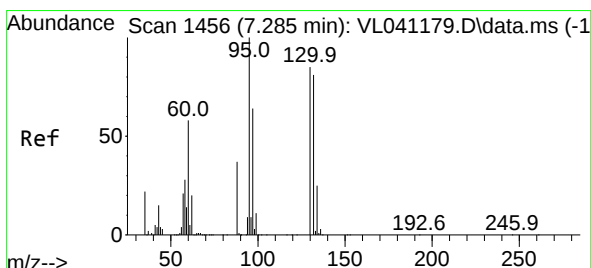
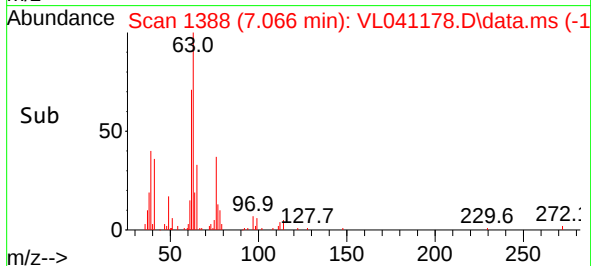
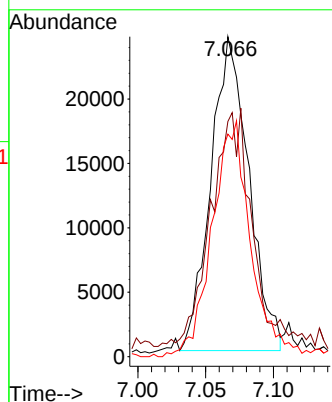
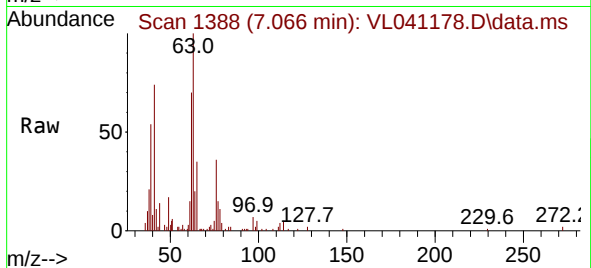
VSTDICC0.5

Tgt Ion:	63	Resp:	4751
Ion	Ratio	Lower	Upper
63	100		
41	69.4	59.4	89.0
62	68.6	56.8	85.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#40

1,4-Dioxane

Concen: 0.440 ppbv m

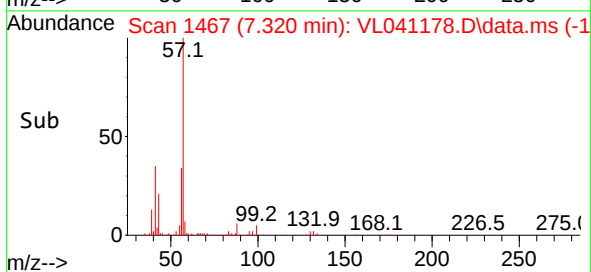
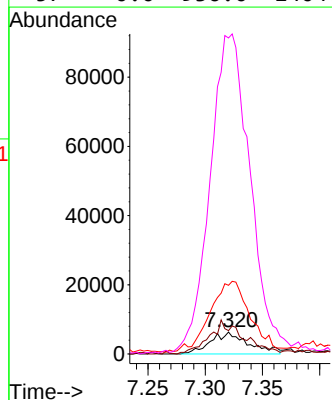
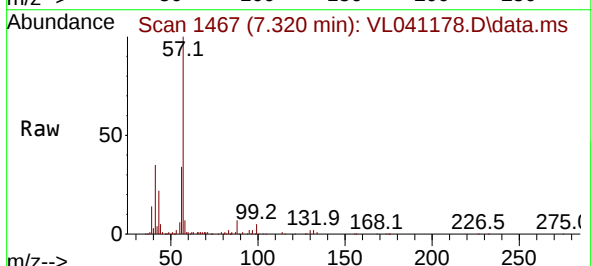
RT: 7.320 min Scan# 1467

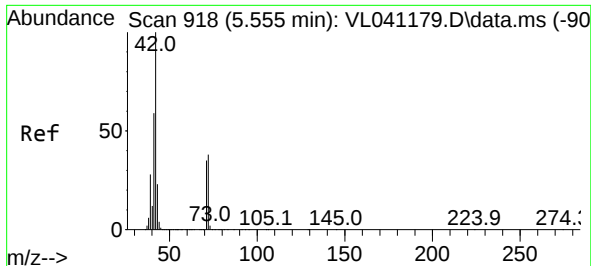
Delta R.T. 0.035 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Tgt Ion:	88	Resp:	14642
Ion	Ratio	Lower	Upper
88	100		
58	0.0	106.1	159.1#
43	0.0	219.8	329.6#
57	0.0	936.0	1404.0#





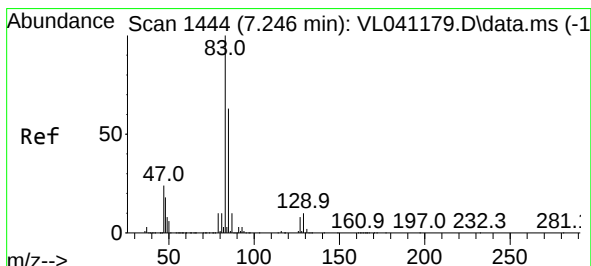
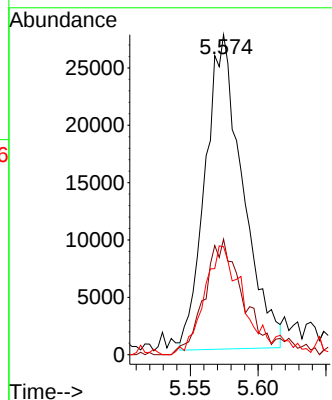
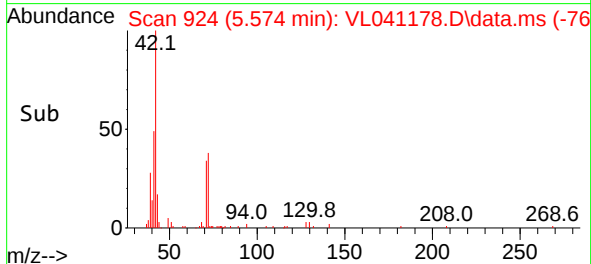
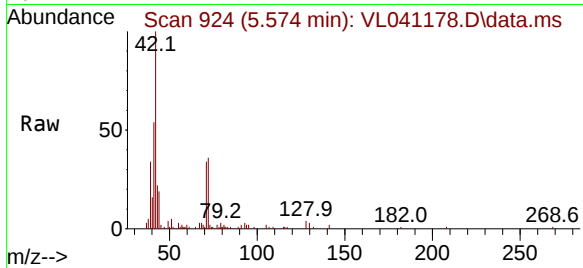
#41
Tetrahydrofuran
Concen: 0.507 ppbv
RT: 5.574 min Scan# 918
Delta R.T. 0.019 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 42 Resp: 52608
Ion Ratio Lower Upper
42 100
72 40.9 29.4 44.0
71 40.1 29.1 43.7

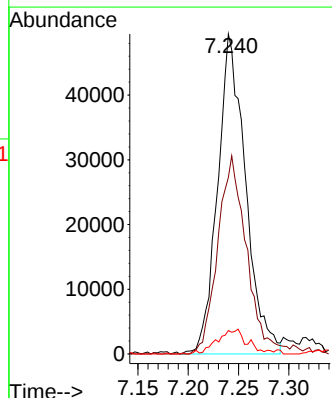
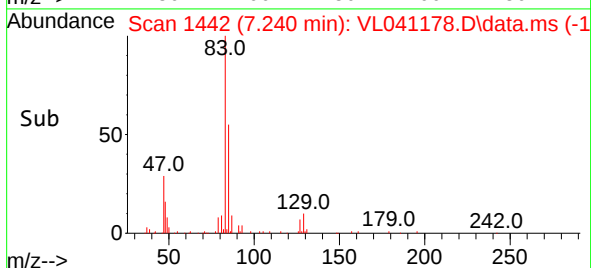
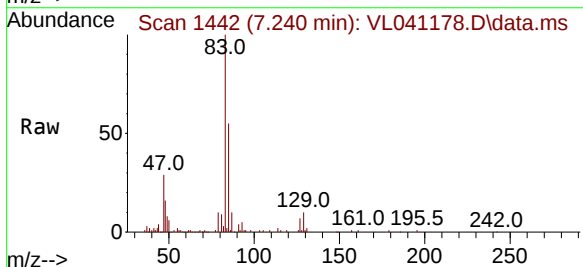
Manual Integrations
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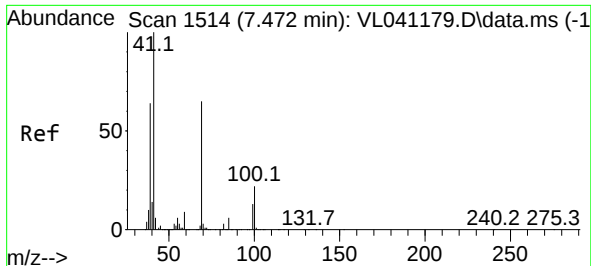
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#42
Bromodichloromethane
Concen: 0.518 ppbv
RT: 7.240 min Scan# 1442
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

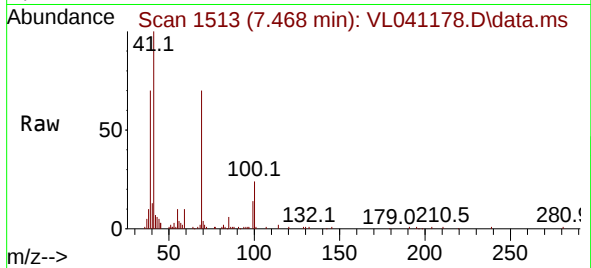
Tgt Ion: 83 Resp: 95551
Ion Ratio Lower Upper
83 100
85 55.2 50.6 75.8
127 7.3 6.2 9.4





#43
Methyl Methacrylate
Concen: 0.519 ppbv m
RT: 7.468 min Scan# 1513
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

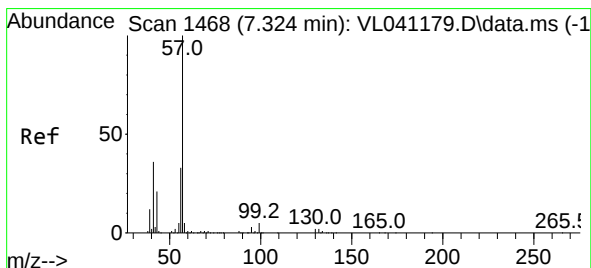
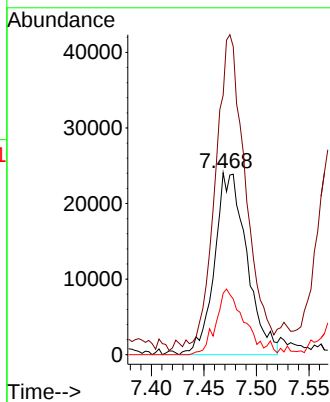
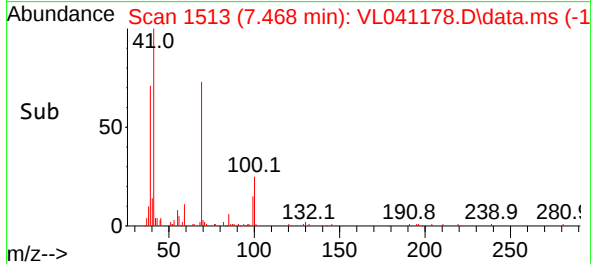
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5



Tgt Ion: 69 Resp: 51370
Ion Ratio Lower Upper
69 100
41 0.0 125.2 187.8
100 0.0 26.7 40.1

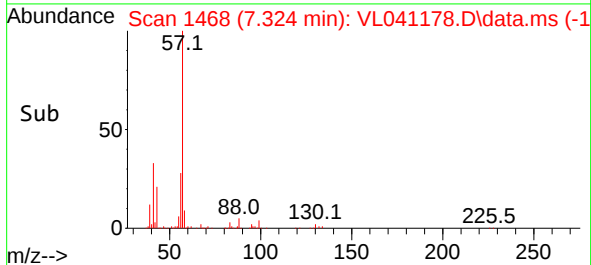
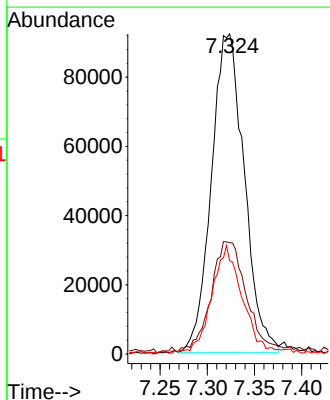
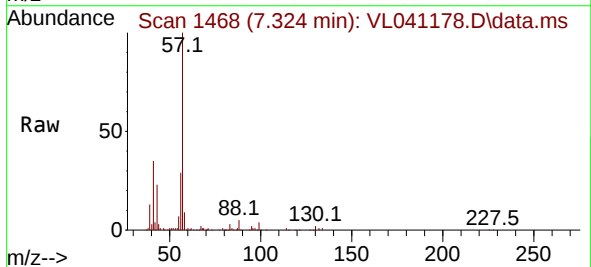
Manual Integrations
APPROVED

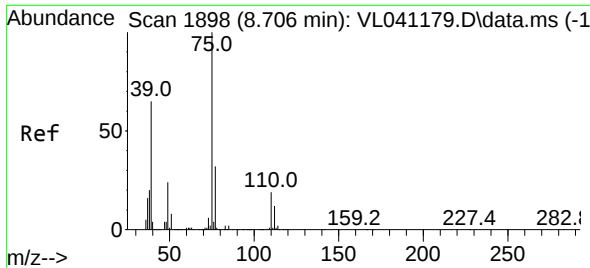
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#44
2,2,4-Trimethylpentane
Concen: 0.533 ppbv
RT: 7.324 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion: 57 Resp: 222720
Ion Ratio Lower Upper
57 100
41 37.9 29.5 44.3
56 32.0 25.3 37.9





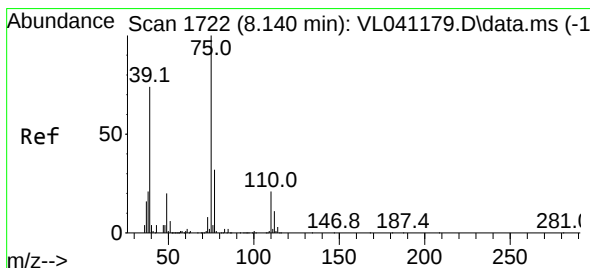
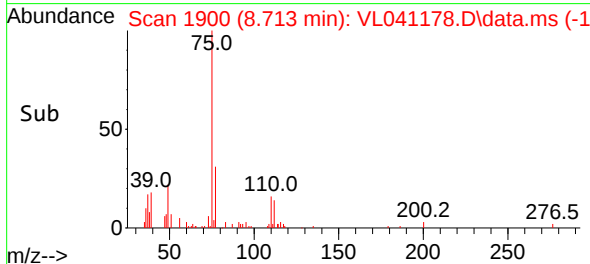
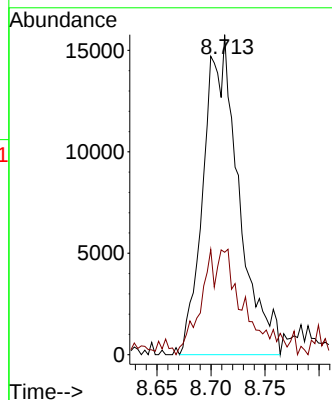
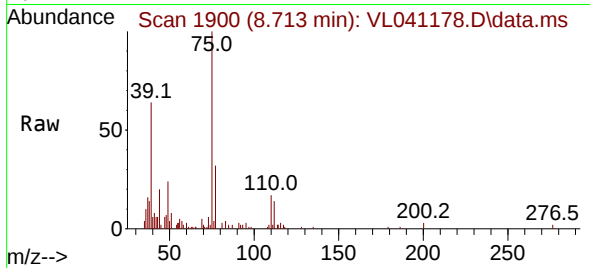
#45
t-1,3-Dichloropropene
Concen: 0.492 ppbv m
RT: 8.713 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 3562
Ion Ratio Lower Upper
75 100
77 32.0 25.6 38.4

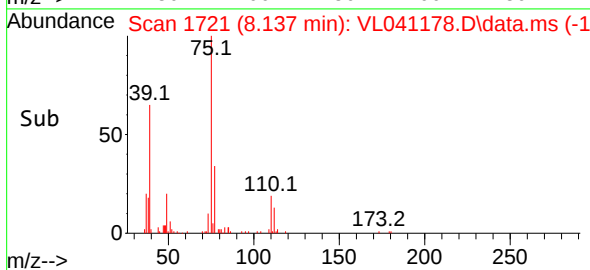
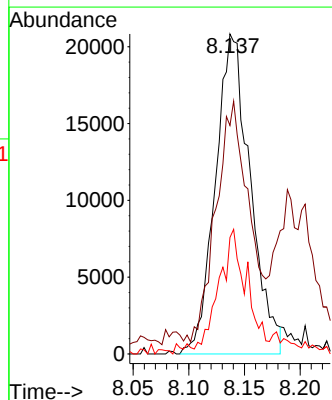
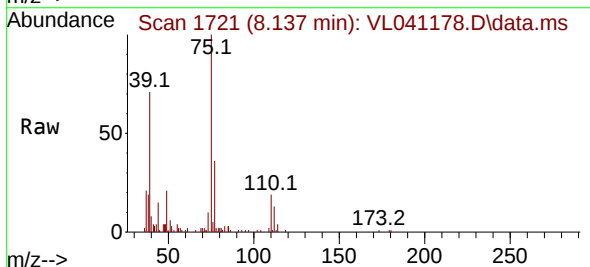
Manual Integrations
APPROVED

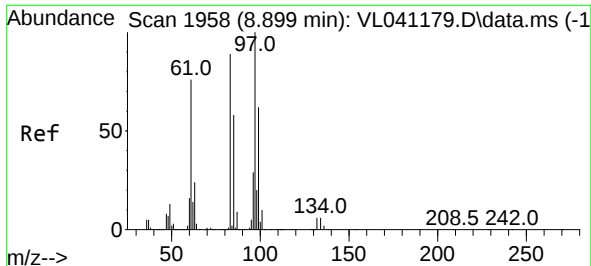
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#46
cis-1,3-Dichloropropene
Concen: 0.517 ppbv
RT: 8.137 min Scan# 1721
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion: 75 Resp: 45351
Ion Ratio Lower Upper
75 100
39 65.5 59.4 89.2
77 34.4 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 0.513 ppbv

RT: 8.896 min Scan# 1958

Delta R.T. -0.003 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 97 Resp: 47600

Ion Ratio Lower Upper

97 100

83 83.8 71.2 106.8

85 49.8 46.0 69.0

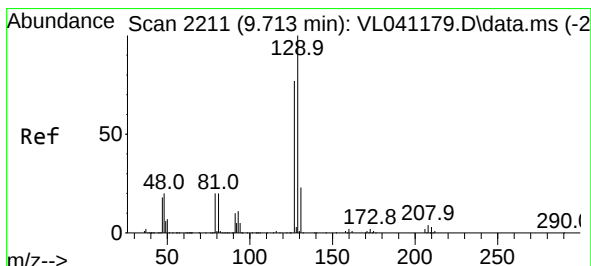
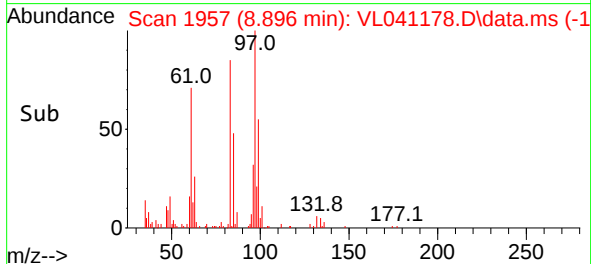
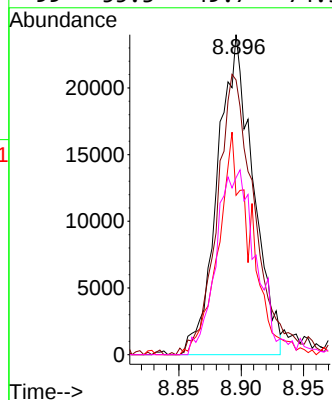
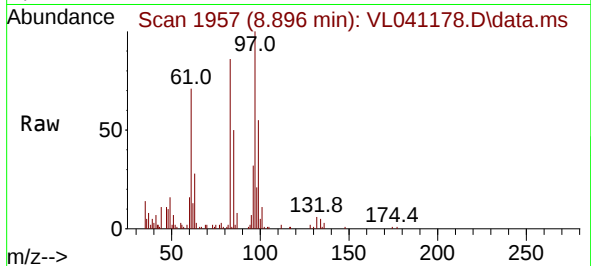
99 55.3 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#48

Dibromochloromethane

Concen: 0.493 ppbv

RT: 9.706 min Scan# 2209

Delta R.T. -0.006 min

Lab File: VL041178.D

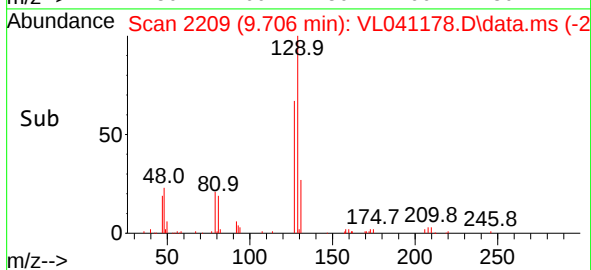
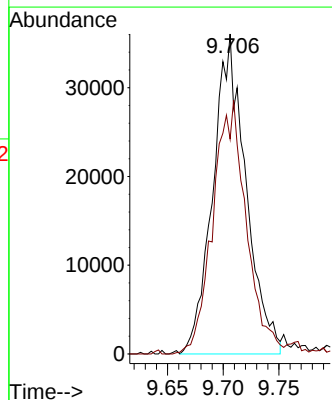
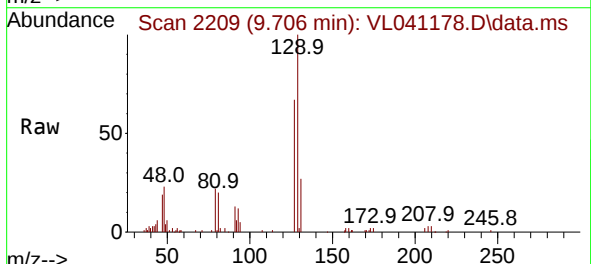
Acq: 29 Apr 2024 10:49

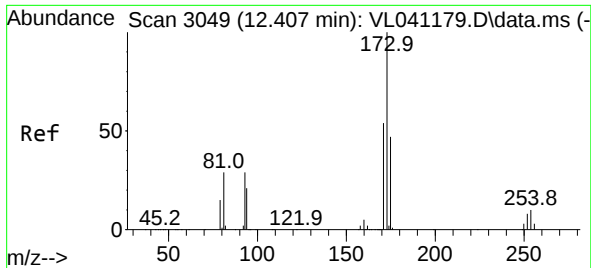
Tgt Ion:129 Resp: 74025

Ion Ratio Lower Upper

129 100

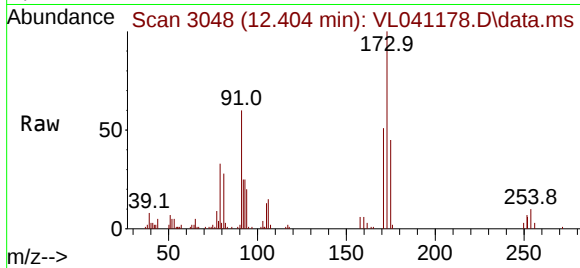
127 82.7 39.1 117.5





#49
Bromoform
Concen: 0.489 ppbv
RT: 12.404 min Scan# 3049
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

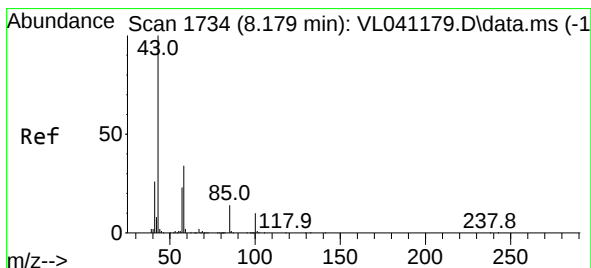
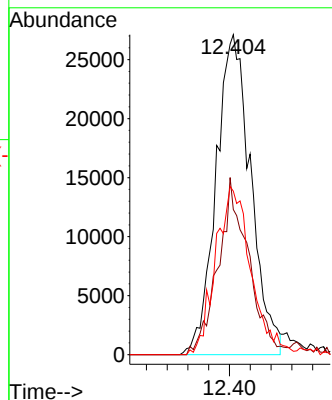
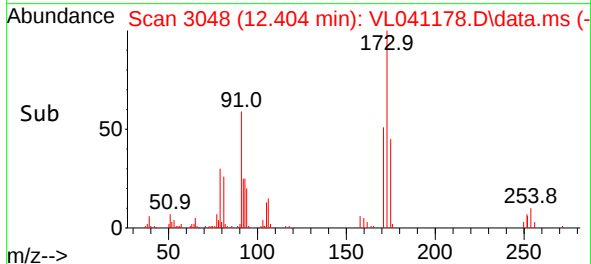
Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5



Tgt Ion: 173 Resp: 6300
Ion Ratio Lower Upper
173 100
175 48.3 39.8 59.8
171 54.5 41.8 62.8

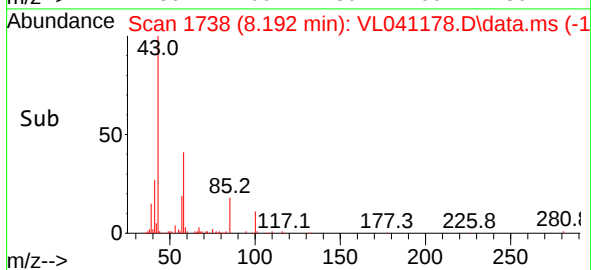
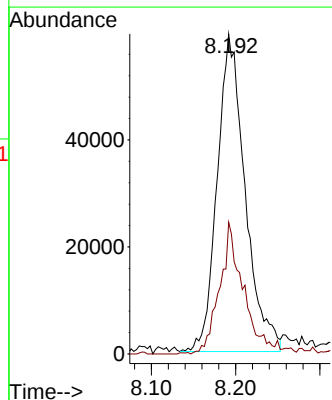
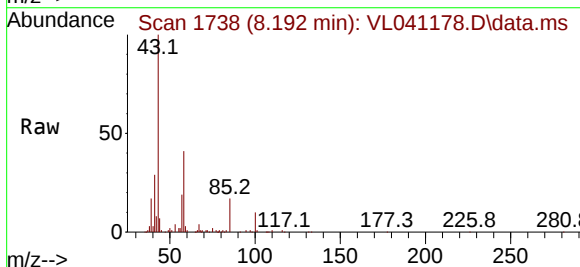
Manual Integrations
APPROVED

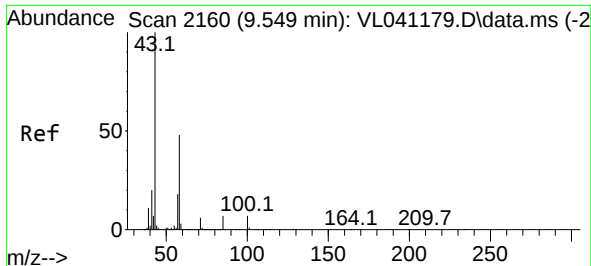
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#50
4-Methyl-2-Pentanone
Concen: 0.516 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.013 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

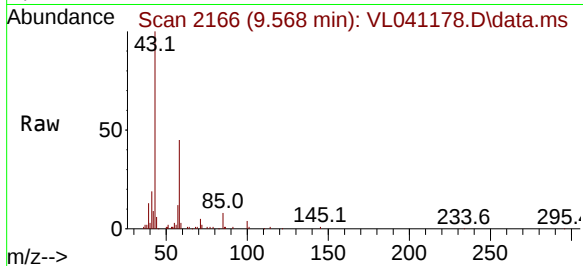
Tgt Ion: 43 Resp: 136553
Ion Ratio Lower Upper
43 100
58 37.0 27.7 41.5





#51
2-Hexanone
Concen: 0.502 ppbv
RT: 9.568 min Scan# 2166
Delta R.T. 0.019 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

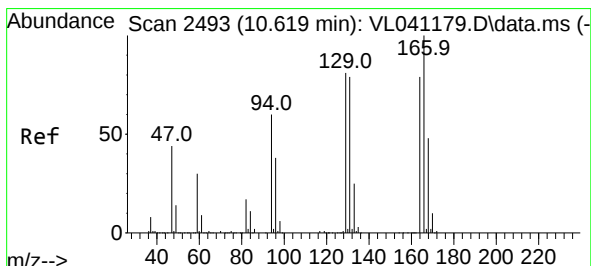
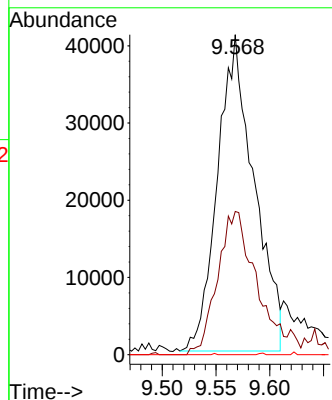
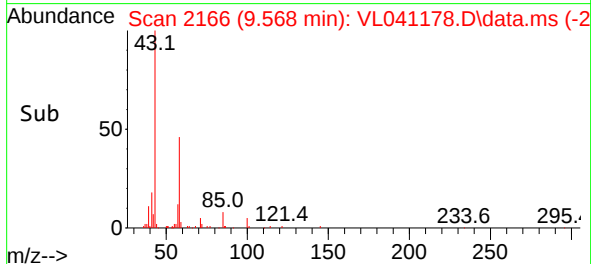
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 43 Resp: 9677
Ion Ratio Lower Upper
43 100
58 53.5 38.4 57.6
98 0.1 0.0 0.0

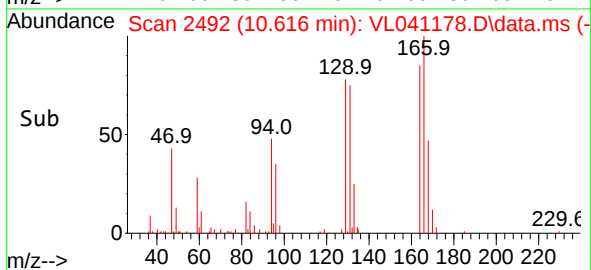
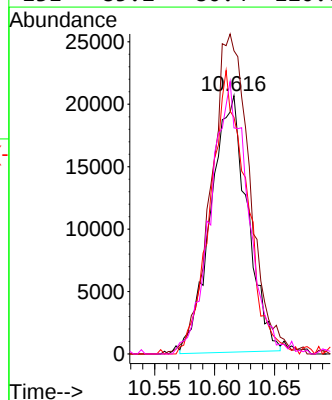
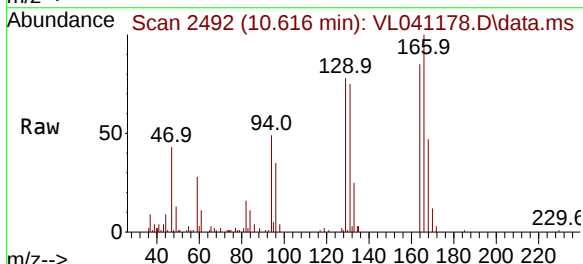
Manual Integrations
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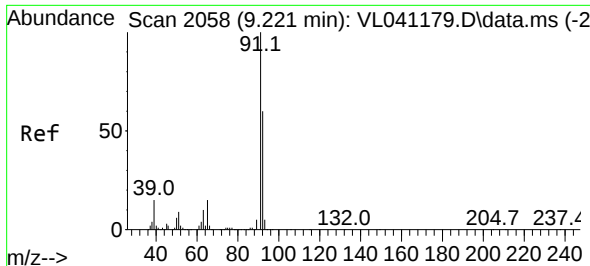
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#52
Tetrachloroethene
Concen: 0.512 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion:164 Resp: 43486
Ion Ratio Lower Upper
164 100
166 115.8 101.1 151.7
129 90.3 81.7 122.5
131 85.2 80.4 120.6





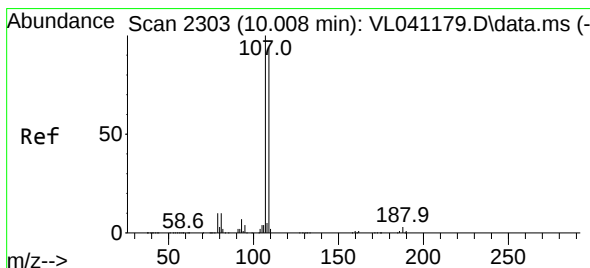
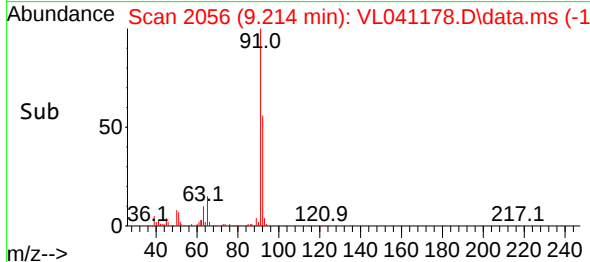
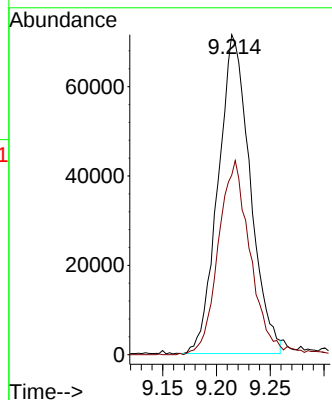
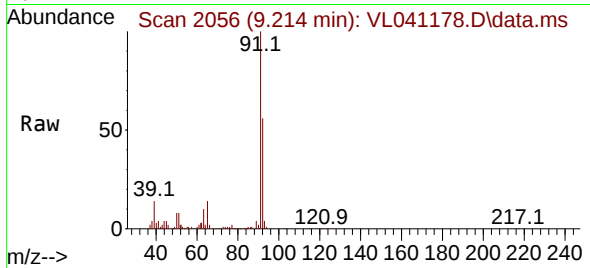
#53
Toluene
Concen: 0.526 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 14793
Ion Ratio Lower Upper
91 100
92 61.9 48.2 72.4

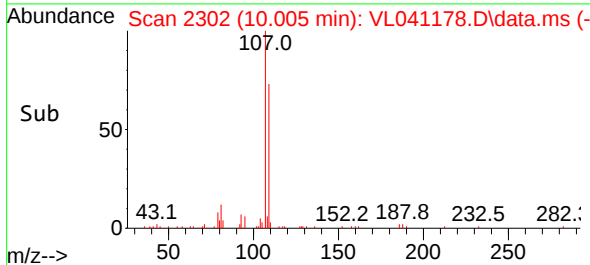
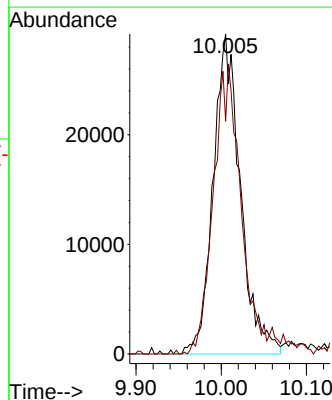
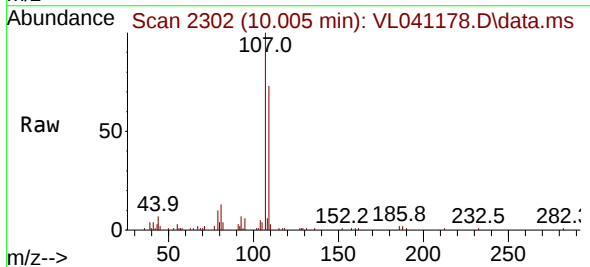
Manual Integrations
APPROVED

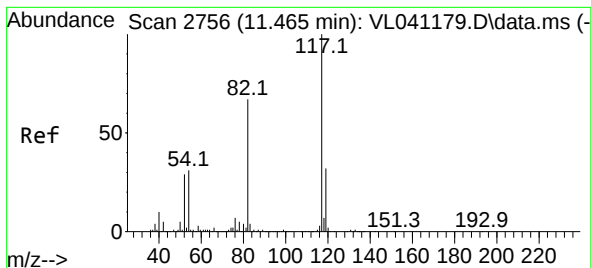
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#54
1,2-Dibromoethane
Concen: 0.513 ppbv m
RT: 10.005 min Scan# 2302
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion:107 Resp: 64763
Ion Ratio Lower Upper
107 100
109 72.7 75.2 112.8#





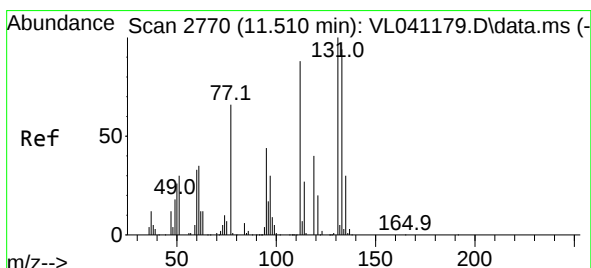
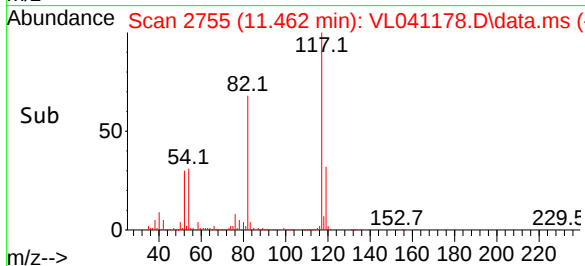
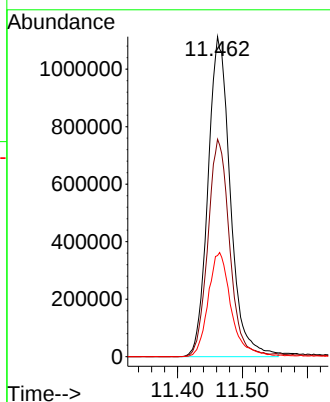
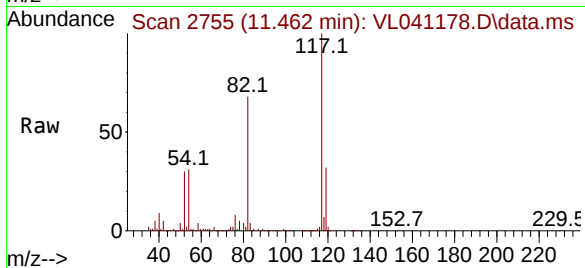
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2756
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:117 Resp: 265692
Ion Ratio Lower Upper
117 100
82 67.8 53.6 80.4
119 33.9 27.2 40.8

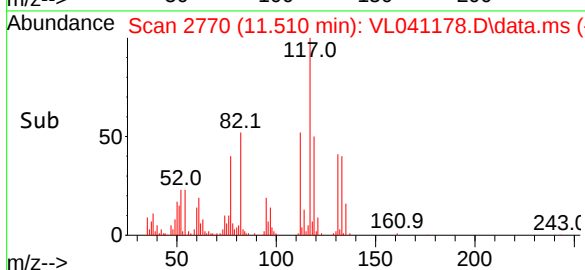
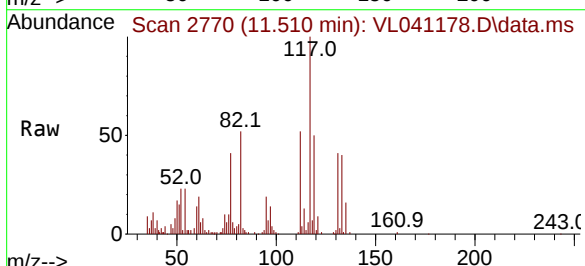
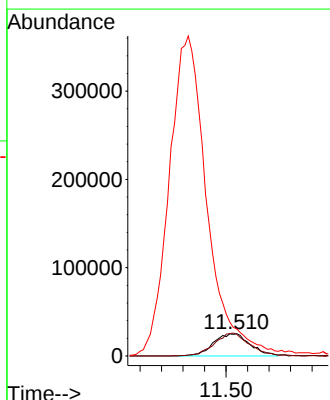
Manual Integrations
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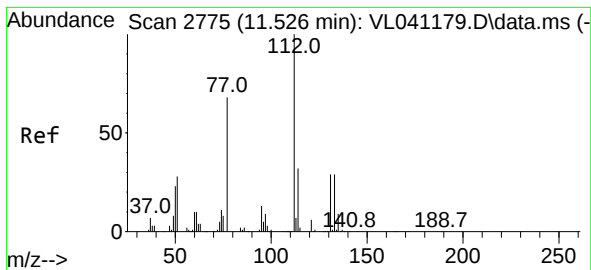
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 0.538 ppbv
RT: 11.510 min Scan# 2770
Delta R.T. -0.000 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion:131 Resp: 59155
Ion Ratio Lower Upper
131 100
133 100.0 76.3 114.5
119 1529.9 49.4 74.2#





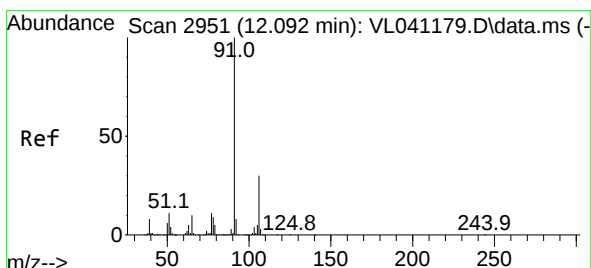
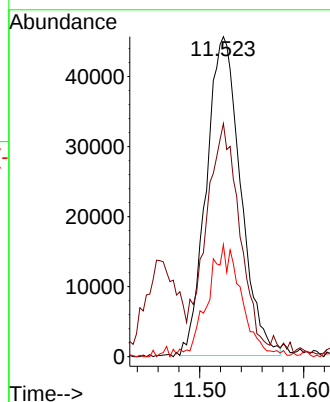
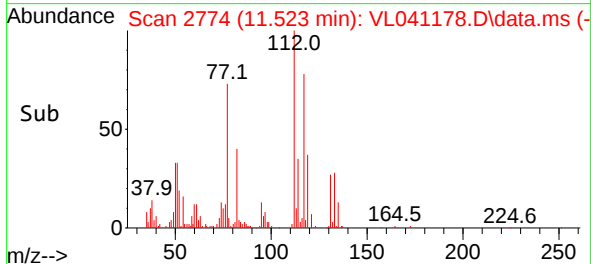
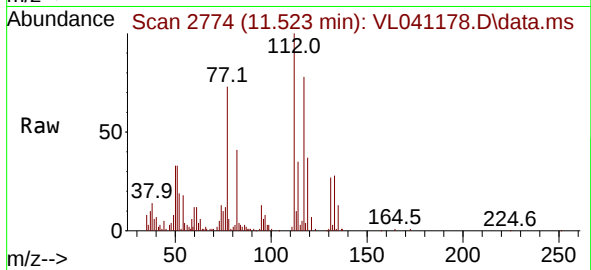
#57
Chlorobenzene
Concen: 0.538 ppbv
RT: 11.523 min Scan# 2774
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:112 Resp: 10451
Ion Ratio Lower Upper
112 100
77 68.6 54.9 82.3
114 33.9 28.7 35.1

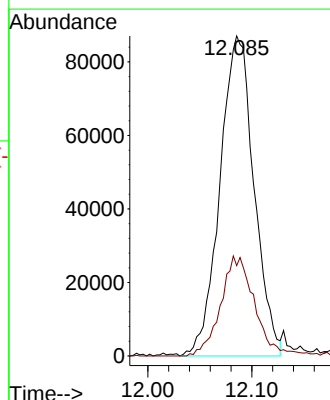
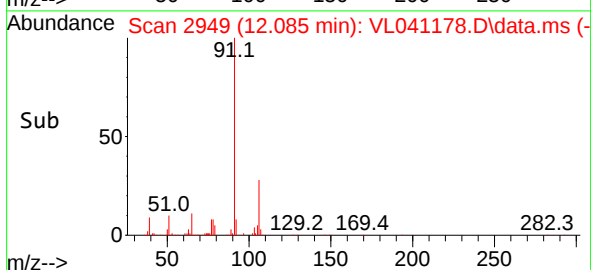
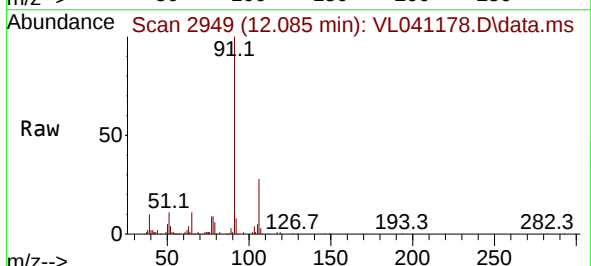
Manual Integrations
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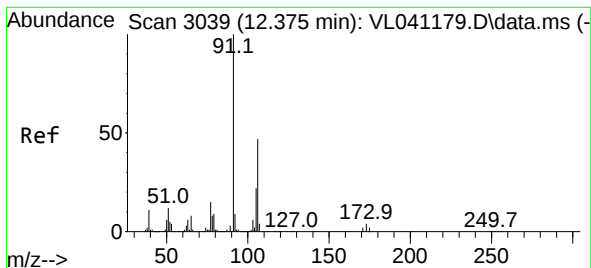
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#58
Ethyl Benzene
Concen: 0.542 ppbv
RT: 12.085 min Scan# 2949
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion: 91 Resp: 198340
Ion Ratio Lower Upper
91 100
106 28.3 24.3 36.5





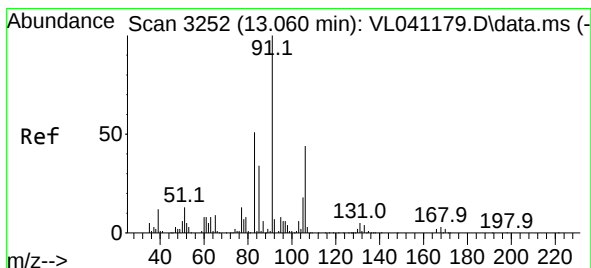
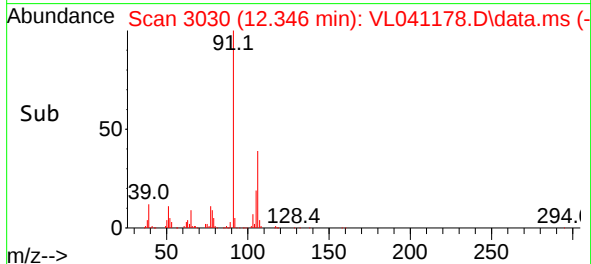
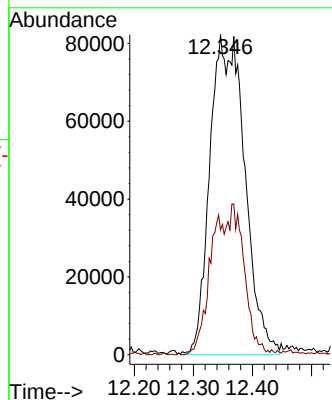
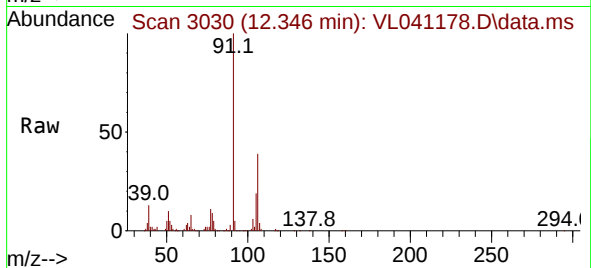
#59
m/p-Xylene
Concen: 1.093 ppbv m
RT: 12.346 min Scan# 3030
Delta R.T. -0.029 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 91 Resp: 33574
Ion Ratio Lower Upper
91 100
106 43.8 35.7 53.5

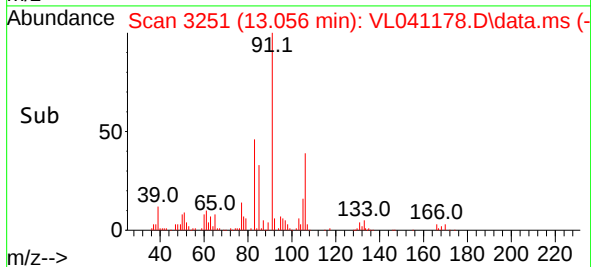
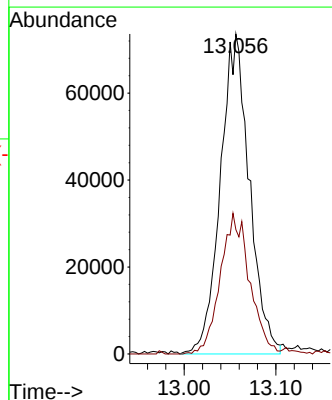
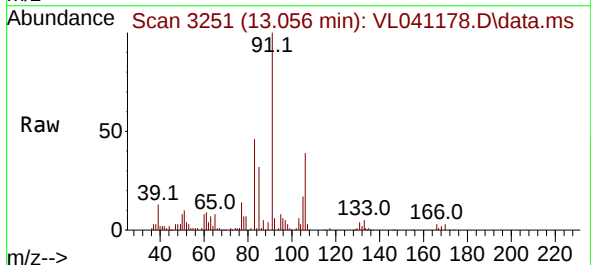
Manual Integrations
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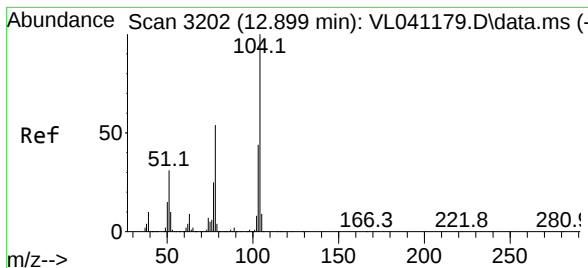
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#60
o-Xylene
Concen: 0.560 ppbv
RT: 13.056 min Scan# 3251
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion: 91 Resp: 161481
Ion Ratio Lower Upper
91 100
106 45.2 22.4 67.3





#61

Styrene

Concen: 0.521 ppbv

RT: 12.899 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

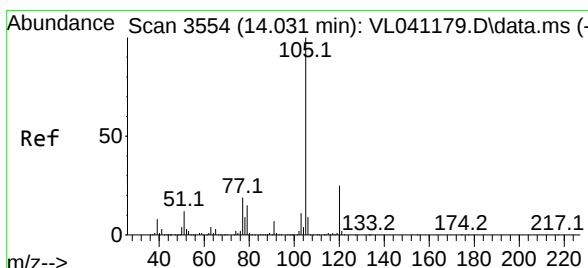
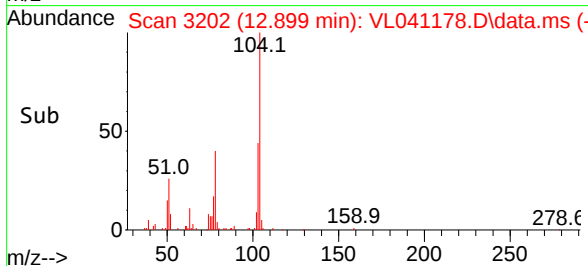
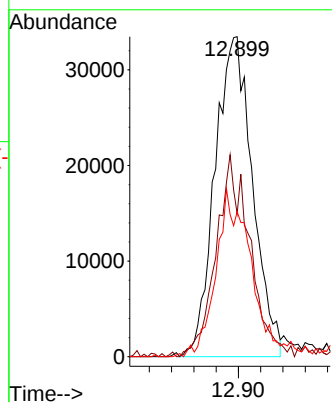
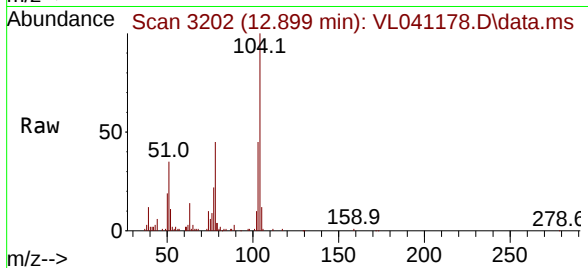
VSTDIC0.5

Tgt Ion:104	Resp:	7841
Ion Ratio	Lower	Upper
104	100	
78	58.6	42.6 63.8
103	49.7	38.4 57.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#62

Isopropylbenzene

Concen: 0.561 ppbv

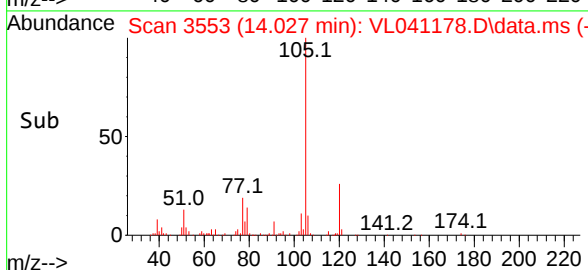
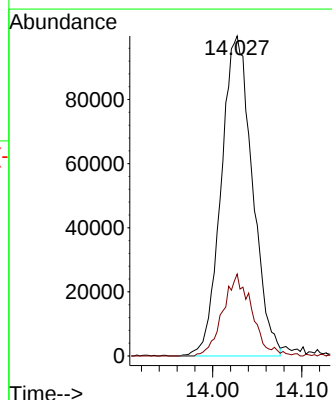
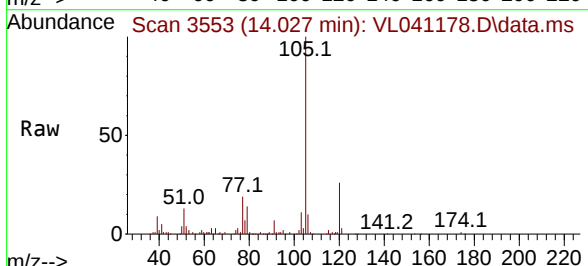
RT: 14.027 min Scan# 3553

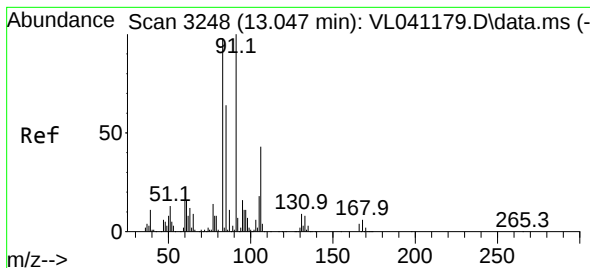
Delta R.T. -0.003 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

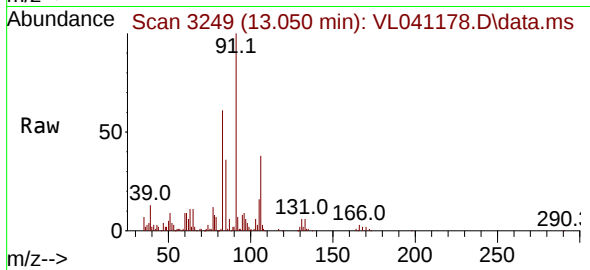
Tgt Ion:105	Resp:	243105
Ion Ratio	Lower	Upper
105	100	
120	24.1	20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 0.567 ppbv m
RT: 13.050 min Scan# 3248
Delta R.T. 0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

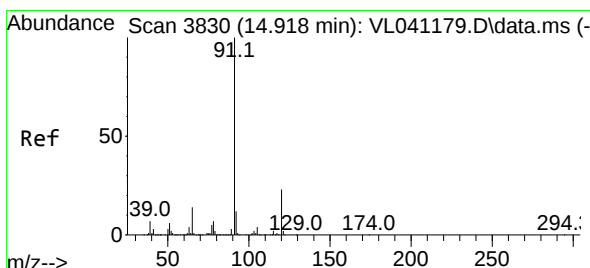
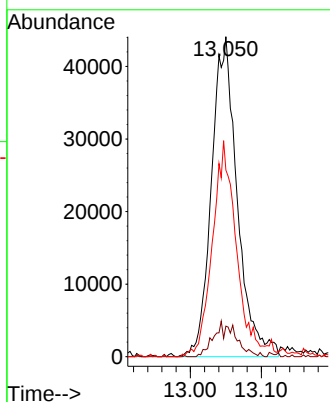
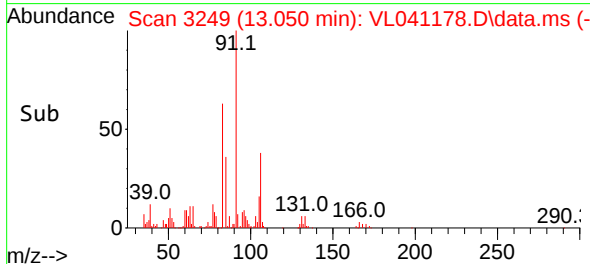
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



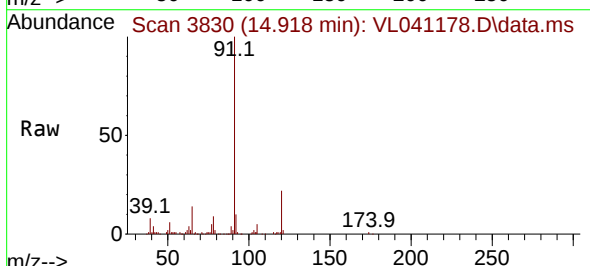
Tgt Ion: 83 Resp: 111160
Ion Ratio Lower Upper
83 100
131 0.0 4.5 13.5
85 0.0 32.7 98.1

Manual Integrations
APPROVED

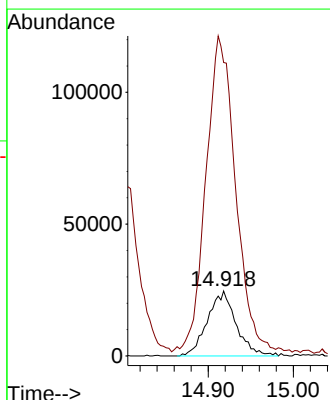
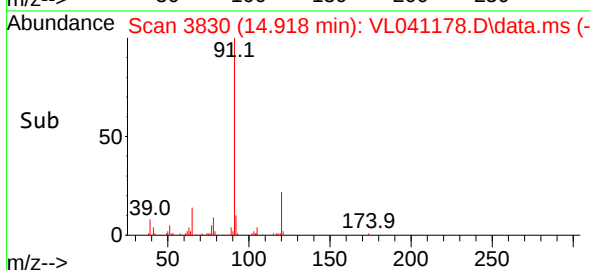
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

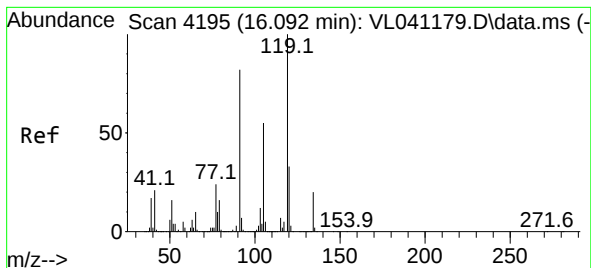


#64
n-propylbenzene
Concen: 0.530 ppbv m
RT: 14.918 min Scan# 3830
Delta R.T. -0.000 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49



Tgt Ion:120 Resp: 57500
Ion Ratio Lower Upper
120 100
91 520.0 384.8 577.2





#65

tert-Butylbenzene

Concen: 0.556 ppbv

RT: 16.088 min Scan# 4195

Delta R.T. -0.003 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

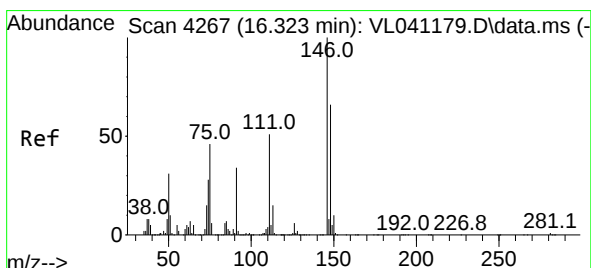
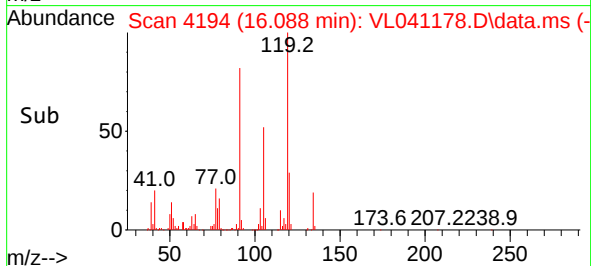
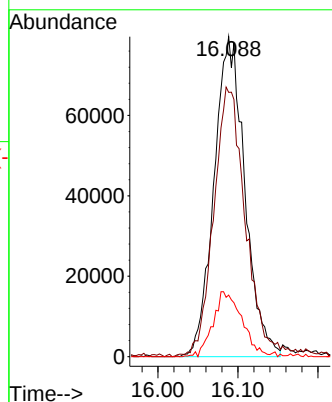
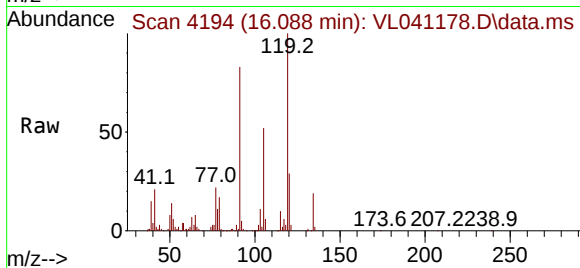
VSTDIC0.5

Tgt Ion:	119	Resp:	21272
Ion Ratio	Lower	Upper	
119	100		
91	86.2	67.0	100.4
134	19.4	15.2	22.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#66

Benzyl Chloride

Concen: 0.608 ppbv m

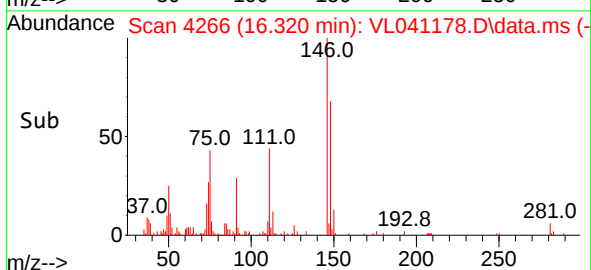
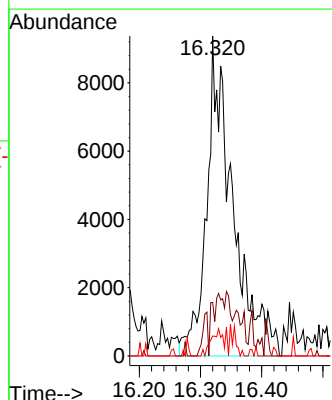
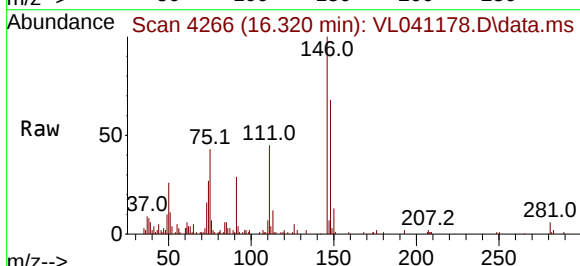
RT: 16.320 min Scan# 4266

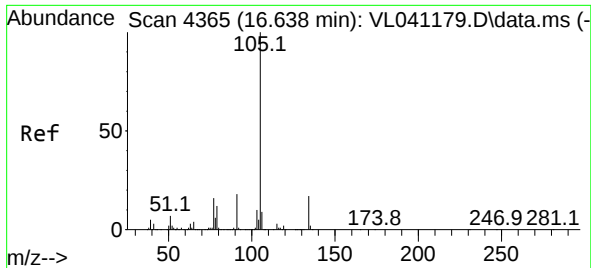
Delta R.T. -0.003 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

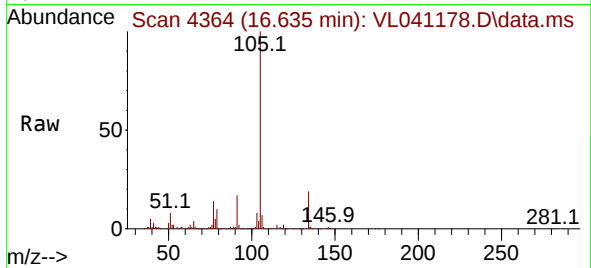
Tgt Ion:	91	Resp:	27706
Ion Ratio	Lower	Upper	
91	100		
126	0.0	14.6	21.8#
128	3.6	4.7	7.1#





#67
 sec-Butylbenzene
 Concen: 0.559 ppbv
 RT: 16.635 min Scan# 4364
 Delta R.T. -0.003 min
 Lab File: VL041178.D
 Acq: 29 Apr 2024 10:49

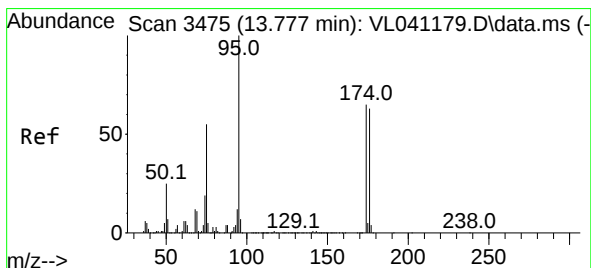
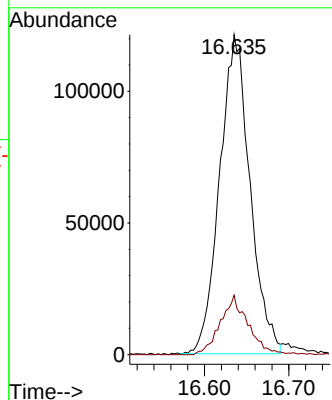
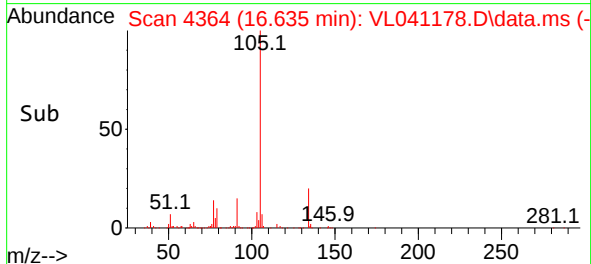
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion:105 Resp: 302898
 Ion Ratio Lower Upper
 105 100
 134 17.2 13.8 20.8

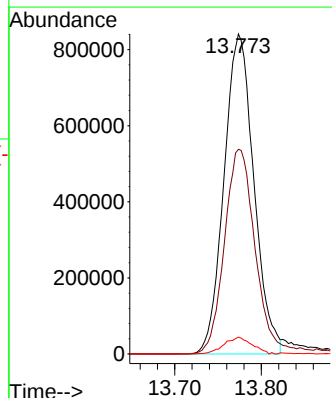
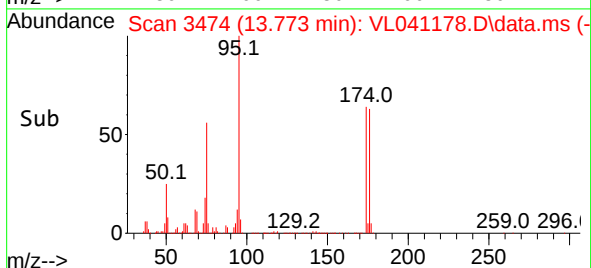
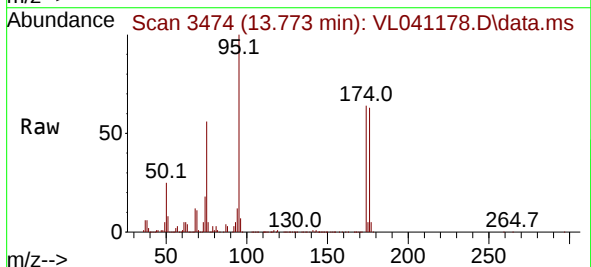
Manual Integrations
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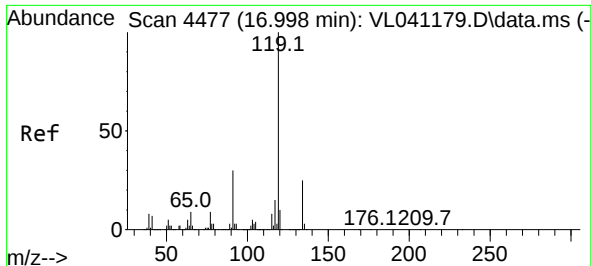
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.046 ppbv
 RT: 13.773 min Scan# 3474
 Delta R.T. -0.003 min
 Lab File: VL041178.D
 Acq: 29 Apr 2024 10:49

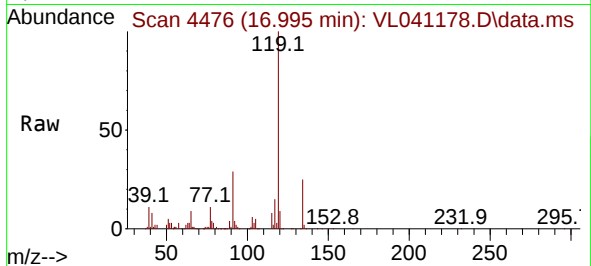
Tgt Ion: 95 Resp: 2015819
 Ion Ratio Lower Upper
 95 100
 174 68.0 53.6 80.4
 175 5.1 4.2 6.4





#69
p-Isopropyltoluene
Concen: 0.570 ppbv m
RT: 16.995 min Scan# 4476
Delta R.T. -0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

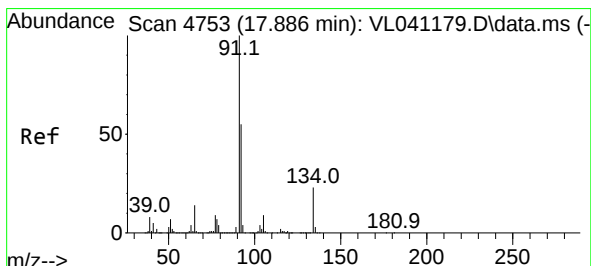
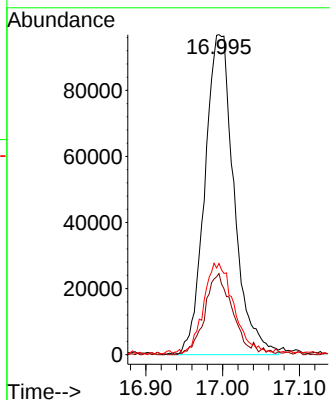
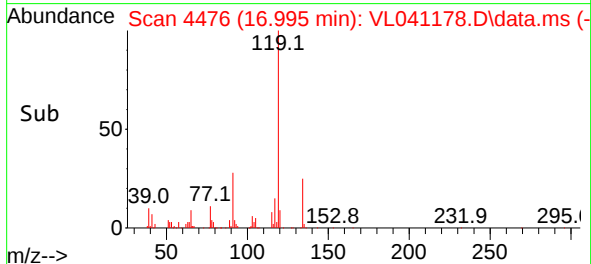
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



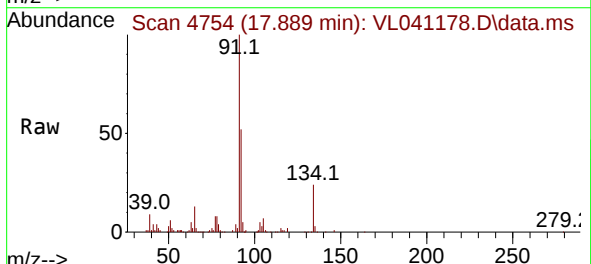
Tgt Ion: 119 Resp: 255910
Ion Ratio Lower Upper
119 100
134 25.1 20.1 30.1
91 30.4 24.2 36.2

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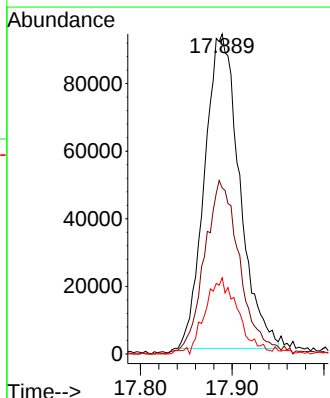
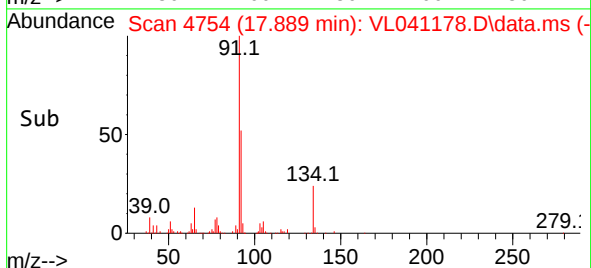
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

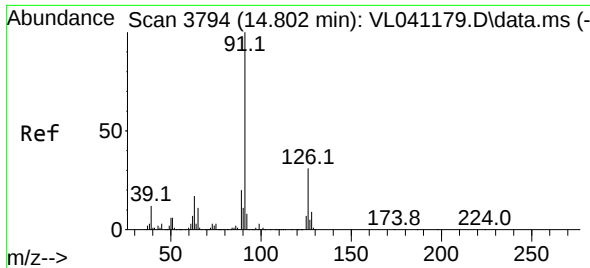


#70
n-Butylbenzene
Concen: 0.528 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. 0.003 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49



Tgt Ion: 91 Resp: 246360
Ion Ratio Lower Upper
91 100
92 56.5 43.3 64.9
134 23.7 17.8 26.8





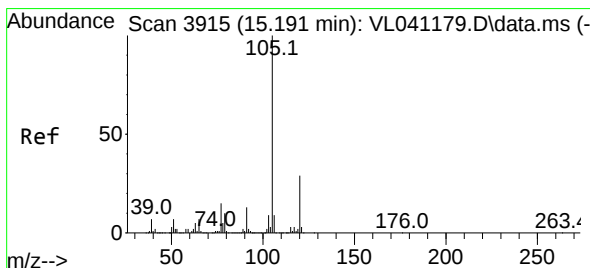
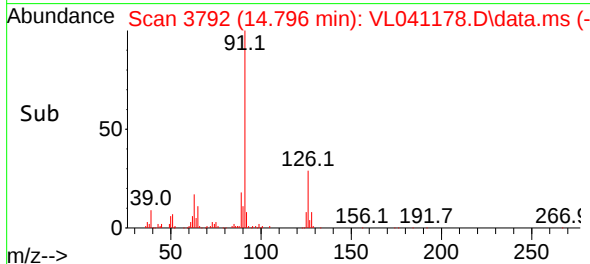
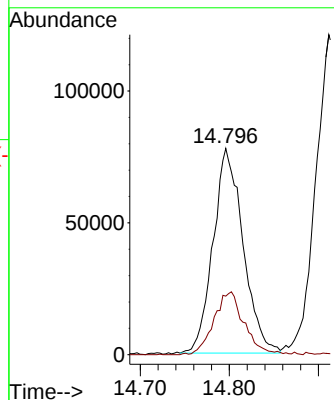
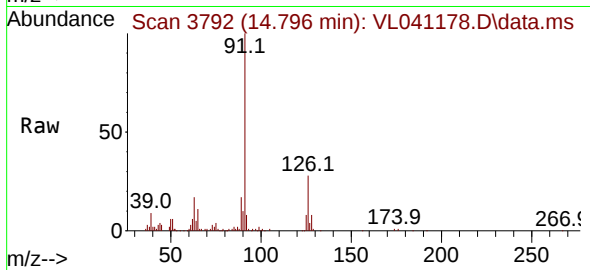
#71
2-Chlorotoluene
Concen: 0.548 ppbv
RT: 14.796 min Scan# 3794
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 181470
Ion Ratio Lower Upper
91 100
126 31.3 12.2 48.8

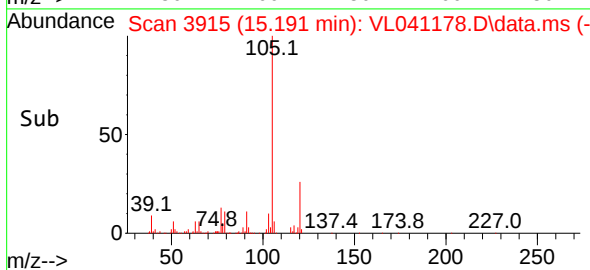
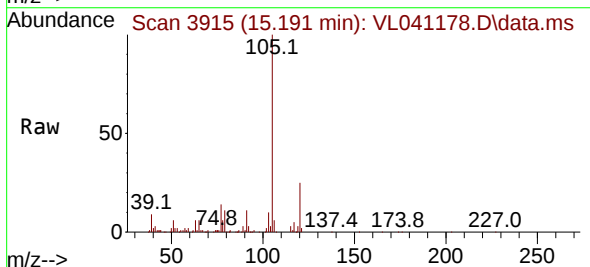
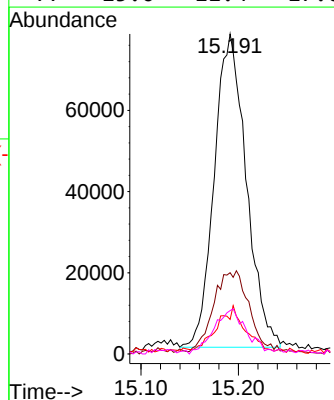
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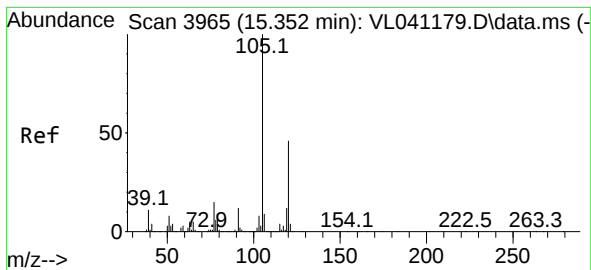
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#72
4-Ethyltoluene
Concen: 0.534 ppbv
RT: 15.191 min Scan# 3915
Delta R.T. -0.000 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion:105 Resp: 175607
Ion Ratio Lower Upper
105 100
120 32.5 24.7 37.1
91 12.9 10.3 15.5
77 15.0 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 0.538 ppbv

RT: 15.349 min Scan# 3965

Delta R.T. -0.003 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:105 Resp: 16042

Ion Ratio Lower Upper

105 100

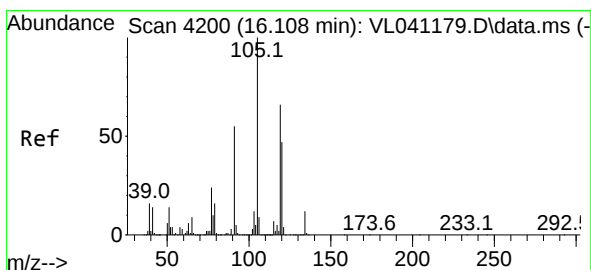
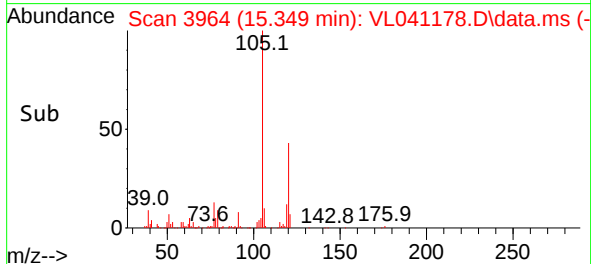
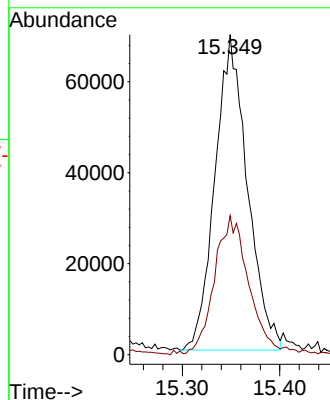
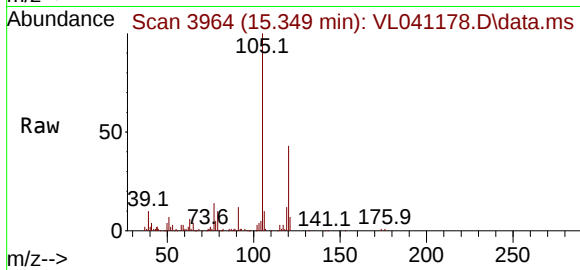
120 42.9 37.0 55.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#74

1,2,4-Trimethylbenzene

Concen: 0.554 ppbv

RT: 16.105 min Scan# 4199

Delta R.T. -0.003 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Tgt Ion:105 Resp: 179991

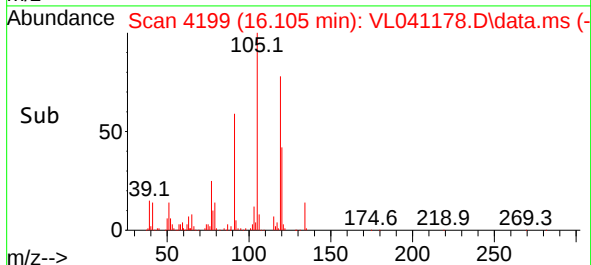
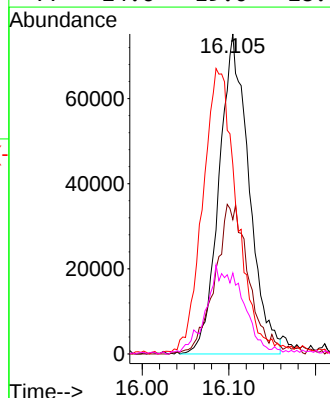
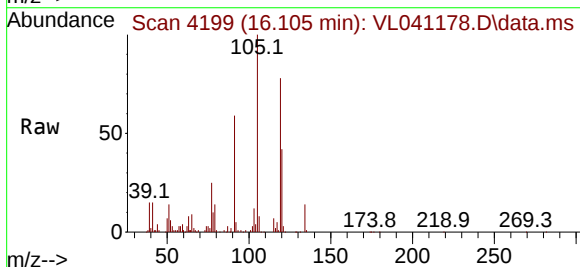
Ion Ratio Lower Upper

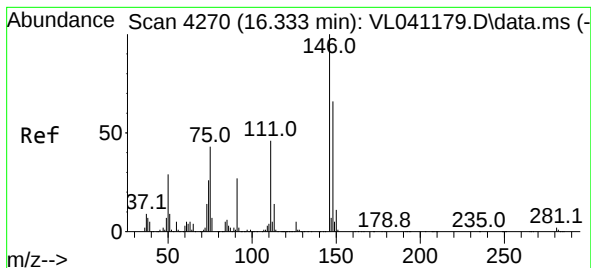
105 100

120 41.4 37.8 56.6

91 56.8 44.3 66.5

77 24.6 19.0 28.4





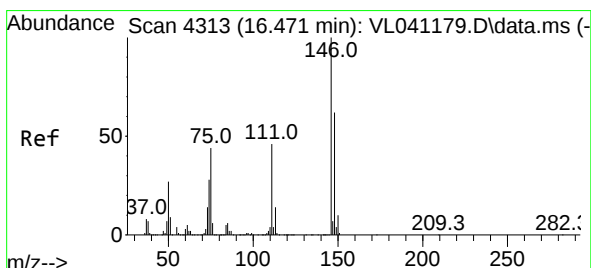
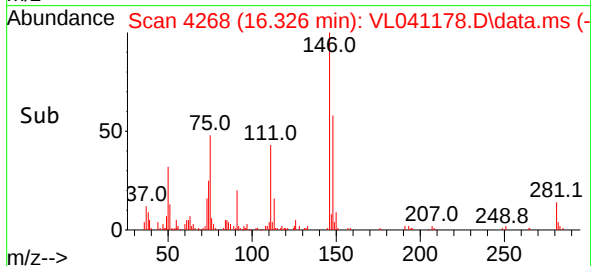
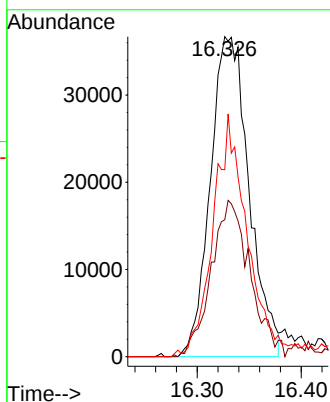
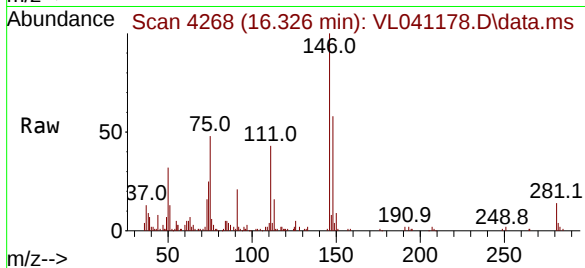
#75
1,3-Dichlorobenzene
Concen: 0.520 ppbv
RT: 16.326 min Scan# 4268
Delta R.T. -0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 9497
Ion Ratio Lower Upper
146 100
111 49.7 23.7 71.1
148 67.9 32.5 97.4

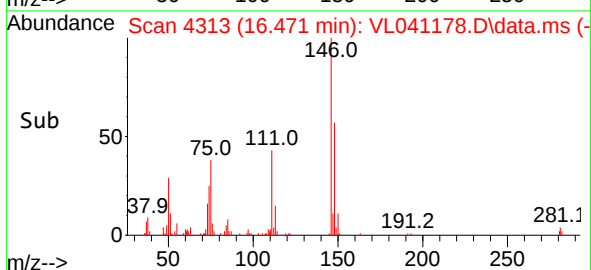
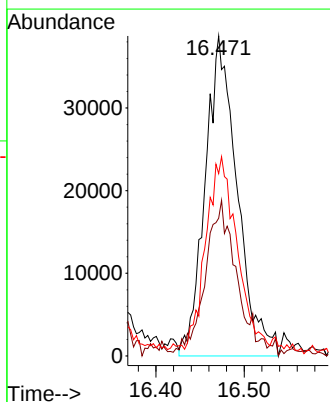
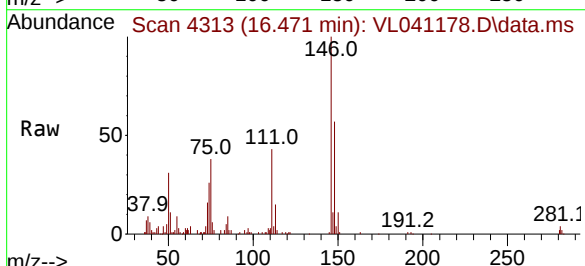
Manual Integrations
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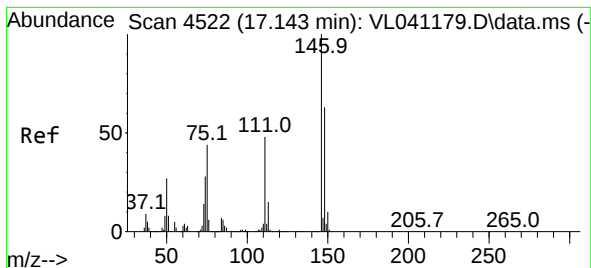
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#76
1,4-Dichlorobenzene
Concen: 0.549 ppbv m
RT: 16.471 min Scan# 4313
Delta R.T. -0.000 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

Tgt Ion:146 Resp: 97680
Ion Ratio Lower Upper
146 100
111 50.5 23.3 69.8
148 64.7 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 0.535 ppbv m

RT: 17.143 min Scan# 41

Delta R.T. -0.000 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

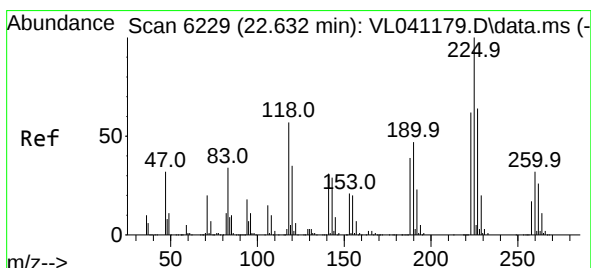
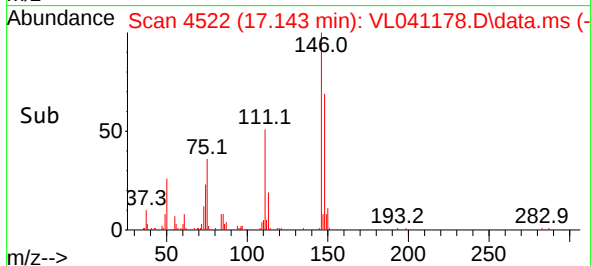
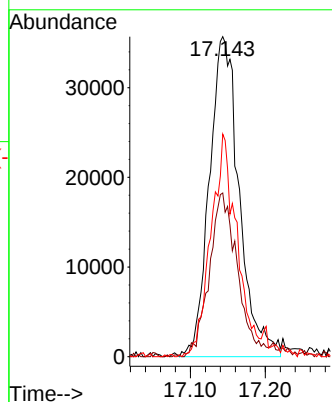
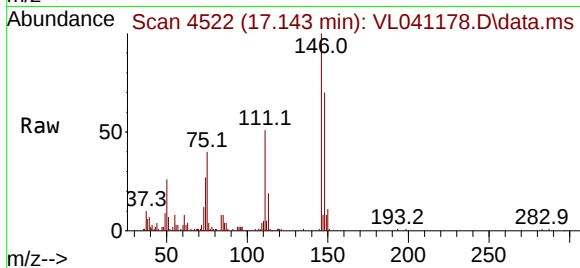
VSTDICC0.5

Tgt Ion:	146	Resp:	98758
Ion Ratio	Lower	Upper	
146	100		
111	50.7	24.5	73.5
148	63.6	32.6	98.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#78

Hexachloro-1,3-Butadiene

Concen: 0.576 ppbv m

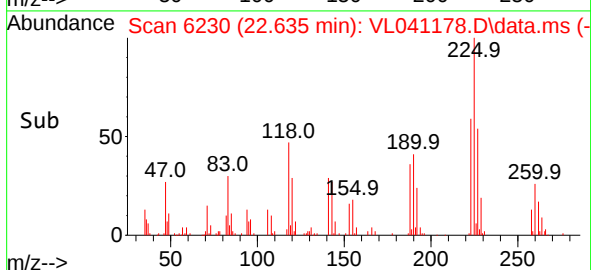
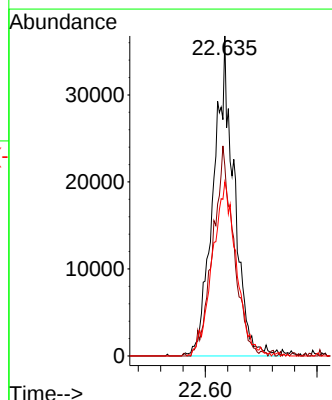
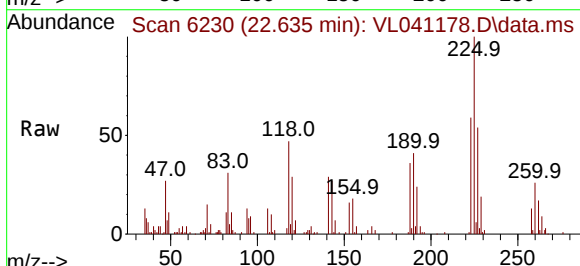
RT: 22.635 min Scan# 6230

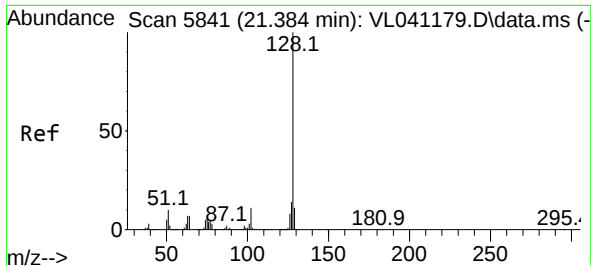
Delta R.T. 0.003 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

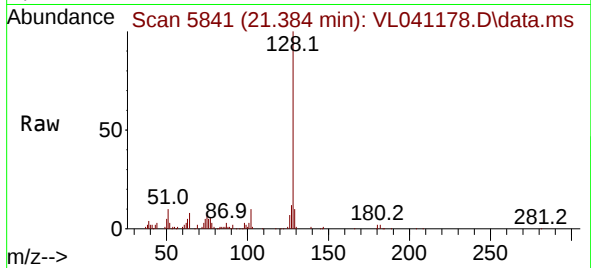
Tgt Ion:	225	Resp:	94560
Ion Ratio	Lower	Upper	
225	100		
223	0.0	50.9	76.3#
227	0.0	52.0	78.0#





#79
Naphthalene
Concen: 0.583 ppbv m
RT: 21.384 min Scan# 5841
Delta R.T. -0.000 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49

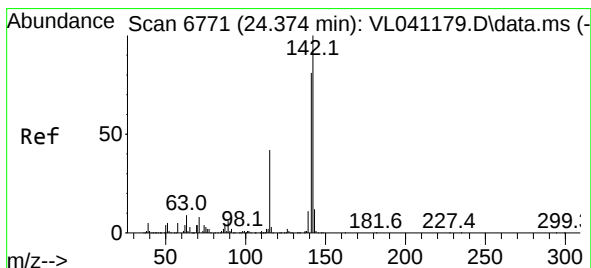
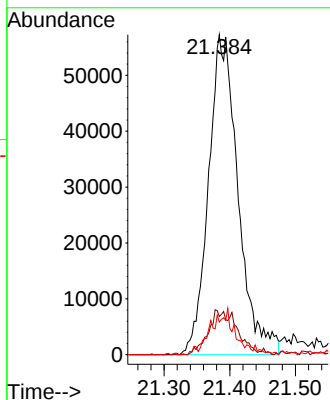
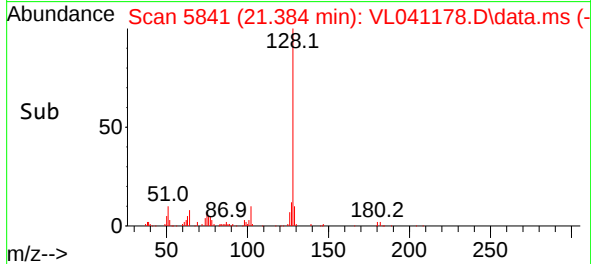
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



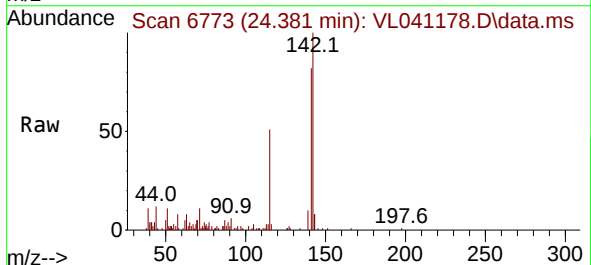
Tgt Ion:128 Resp: 17945
Ion Ratio Lower Upper
128 100
127 12.0 10.8 16.2
129 10.2 8.9 13.3

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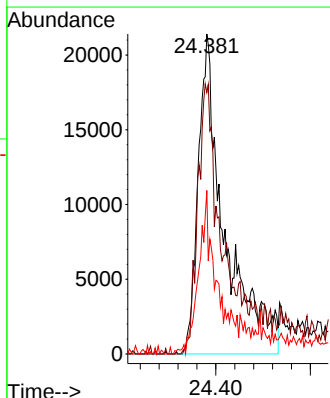
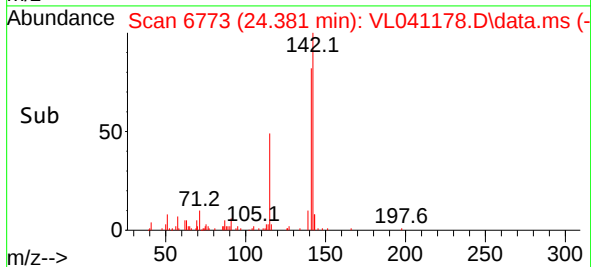
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

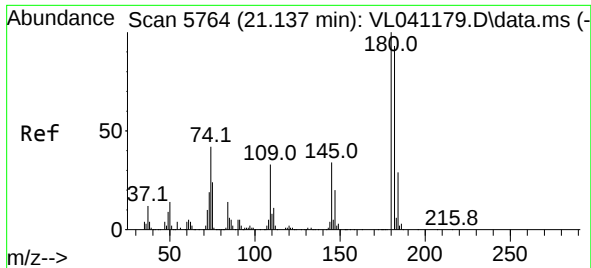


#80
Naphthalene,2-methyl-
Concen: 0.643 ppbv
RT: 24.381 min Scan# 6773
Delta R.T. 0.006 min
Lab File: VL041178.D
Acq: 29 Apr 2024 10:49



Tgt Ion:142 Resp: 83316
Ion Ratio Lower Upper
142 100
141 71.2 67.9 101.9
115 33.0 31.4 47.0





#81

1,2,4-Trichlorobenzene

Concen: 0.525 ppbv m

RT: 21.140 min Scan# 51

Delta R.T. 0.003 min

Lab File: VL041178.D

Acq: 29 Apr 2024 10:49

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion:180 Resp: 86390

Ion Ratio Lower Upper

180 100

182 0.0 77.2 115.8

184 0.0 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024

