

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
 Data File : VL041281.D
 Acq On : 24 May 2024 8:24
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/28/2024
 Supervised By : Mahesh Dadoda 05/28/2024

Quant Time: May 24 23:17:00 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 : Fri May 24 23:11:50 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	888361	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.668	114	2394487	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2370924	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 1804610 10.082 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	1190858	9.910	ppbv	100
3) Chlorodifluoromethane	2.700	51	1452623	10.766	ppbv	98
4) Chloromethane	2.838	50	542010	10.238	ppbv	95
5) Vinyl Chloride	2.944	62	569298	10.704	ppbv	99
6) Bromomethane	3.140	94	202930	10.458	ppbv	94
7) Chloroethane	3.221	64	195326	10.402	ppbv	100
8) Dichlorotetrafluoroethane	2.880	85	1353256	10.880	ppbv	99
9) Propene	2.719	41	487036	9.224	ppbv	95
10) Heptane	7.590	43	1272589	9.948	ppbv	99
11) Trichlorofluoromethane	3.584	101	1380974	11.308	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.082	101	971738	10.760	ppbv	99
13) Ethanol	3.259	45	114659	9.687	ppbv	96
14) Bromoethene	3.388	108	401935	10.784	ppbv	99
15) Acetone	3.488	43	1039134	9.911	ppbv	98
16) 1,3-Butadiene	3.009	39	564389	10.664	ppbv	99
17) tert-Butyl alcohol	3.896	59	983474	8.696	ppbv	99
18) 1,1-Dichloroethene	3.899	96	426041	10.580	ppbv	96
19) Isopropyl Alcohol	3.594	45	694656	10.097	ppbv #	44
20) Methylene Chloride	3.951	84	366754	10.060	ppbv	95
21) Allyl Chloride	4.015	41	703573	10.292	ppbv	96
22) trans-1,2-Dichloroethene	4.462	96	442748	10.573	ppbv	98
23) Vinyl Acetate	4.642	43	1195369	10.354	ppbv #	98
24) 1,1-Dichloroethane	4.581	63	971973	10.827	ppbv	98
25) Ethyl Acetate	5.217	43	2105714	10.062	ppbv	100
26) Hexane	5.227	57	911875	9.764	ppbv	98
27) Carbon Disulfide	4.144	76	1165378	10.542	ppbv	97
28) Methyl tert-Butyl Ether	4.600	73	702328	9.445	ppbv	100
29) Chloroform	5.291	83	1432389	11.118	ppbv	98
30) Cyclohexane	6.613	84	772135	10.445	ppbv	98
31) cis-1,2-Dichloroethene	5.092	61	913009	10.443	ppbv	99
32) 1,1,1-Trichloroethane	6.018	97	1441888	11.217	ppbv	98
34) 2-Butanone	4.803	43	1126019	9.239	ppbv	98
35) Carbon Tetrachloride	6.507	117	1511038	11.244	ppbv	98
36) Benzene	6.385	78	1947357	9.691	ppbv	99
37) 1,2-Dichloroethane	5.822	62	1145038	10.921	ppbv	100
38) Trichloroethene	7.301	130	763553	10.197	ppbv	97
39) 1,2-Dichloropropane	7.086	63	746206	9.636	ppbv	95
40) 1,4-Dioxane	7.295	88	294749	10.654	ppbv	91
41) Tetrahydrofuran	5.571	42	800630	9.075	ppbv	99
42) Bromodichloromethane	7.259	83	1659187	11.035	ppbv	98
43) Methyl Methacrylate	7.487	69	786265	9.674	ppbv	98
44) 2,2,4-Trimethylpentane	7.336	57	3281430	9.471	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	641131	10.886	ppbv	98

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

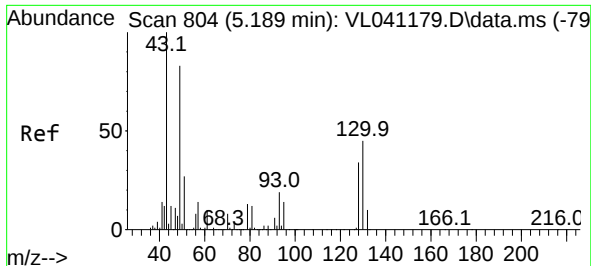
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Fri May 24 23:11:50 2024

Response via : Initial Calibration

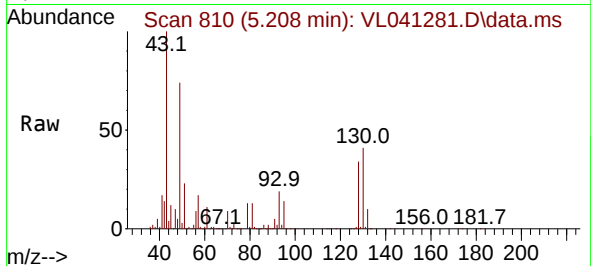
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	770602	10.688	ppbv	99
47) 1,1,2-Trichloroethane	8.909	97	811633	10.471	ppbv	97
48) Dibromochloromethane	9.719	129	1397833	11.318	ppbv	100
49) Bromoform	12.417	173	1156549	11.008	ppbv	99
50) 4-Methyl-2-Pentanone	8.188	43	2058151	9.410	ppbv	99
51) 2-Hexanone	9.558	43	1506000	9.283	ppbv #	97
52) Tetrachloroethene	10.622	164	693142	9.814	ppbv	93
53) Toluene	9.230	91	2295887	9.854	ppbv	99
54) 1,2-Dibromoethane	10.015	107	1148780	10.942	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.516	131	1023554	10.647	ppbv	99
57) Chlorobenzene	11.532	112	1730509	9.966	ppbv	98
58) Ethyl Benzene	12.095	91	3085515	9.491	ppbv	97
59) m/p-Xylene	12.378	91	5254542m	19.231	ppbv	
60) o-Xylene	13.063	91	2461823	9.612	ppbv	99
61) Styrene	12.902	104	1347872	9.962	ppbv	99
62) Isopropylbenzene	14.031	105	3720804	9.712	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.050	83	1758050	10.070	ppbv	99
64) n-propylbenzene	14.918	120	972526	10.175	ppbv	98
65) tert-Butylbenzene	16.092	119	3259746	9.500	ppbv	99
66) Benzyl Chloride	16.333	91	266006	6.848	ppbv	98
67) sec-Butylbenzene	16.638	105	4625082	9.575	ppbv	99
69) p-Isopropyltoluene	16.998	119	3859125	9.695	ppbv	100
70) n-Butylbenzene	17.889	91	4035366	9.707	ppbv	100
71) 2-Chlorotoluene	14.806	91	2855623	9.790	ppbv	98
72) 4-Ethyltoluene	15.198	105	2981300	10.277	ppbv	98
73) 1,3,5-Trimethylbenzene	15.355	105	2564714	9.771	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	2824833	9.854	ppbv	99
75) 1,3-Dichlorobenzene	16.336	146	1673832	10.183	ppbv	100
76) 1,4-Dichlorobenzene	16.477	146	1645785	10.411	ppbv	99
77) 1,2-Dichlorobenzene	17.146	146	1616754	9.839	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	1143318	7.829	ppbv	99
79) Naphthalene	21.384	128	2794762	10.238	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	870591	7.927	ppbv	98
81) 1,2,4-Trichlorobenzene	21.143	180	1328992	9.220	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. -0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

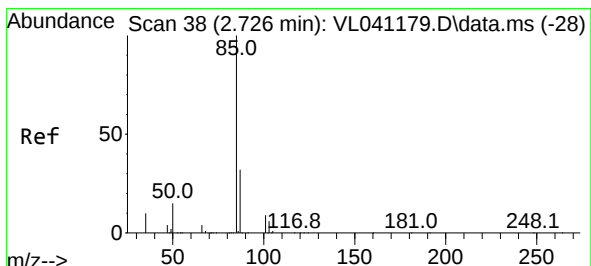
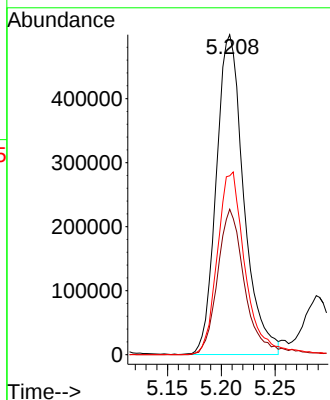
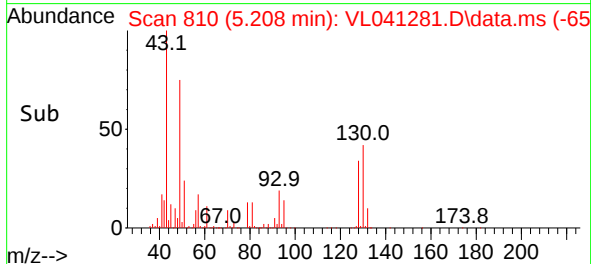
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 88836
Ion Ratio Lower Upper
49 100
128 46.0 21.5 64.5
130 59.4 27.2 81.6

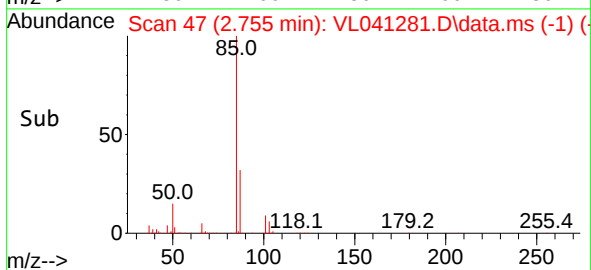
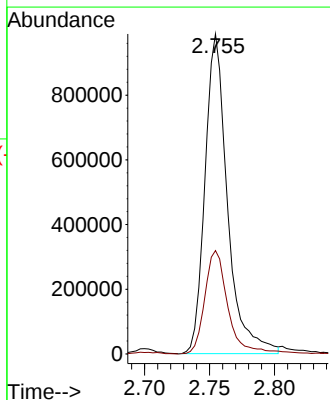
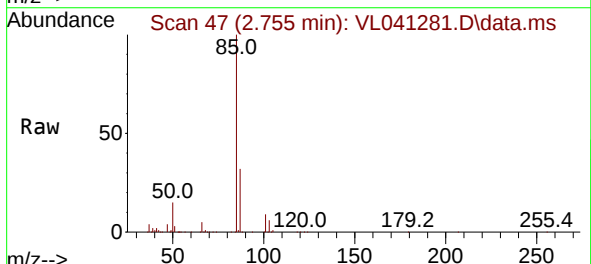
Manual Integrations
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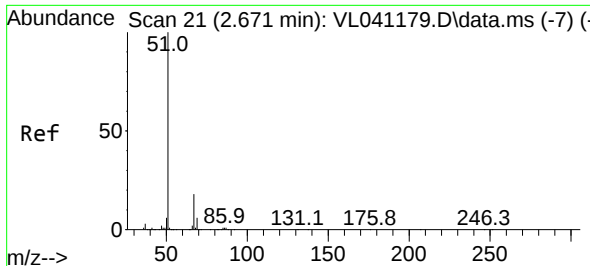
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#2
Dichlorodifluoromethane
Concen: 9.910 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

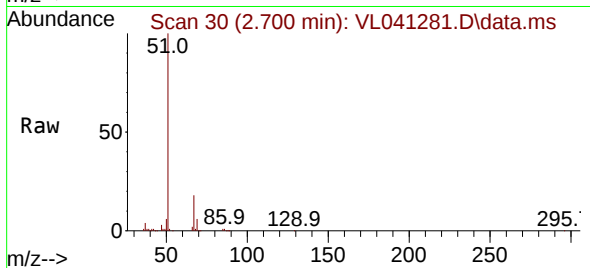
Tgt Ion: 85 Resp: 1190858
Ion Ratio Lower Upper
85 100
87 32.3 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.766 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

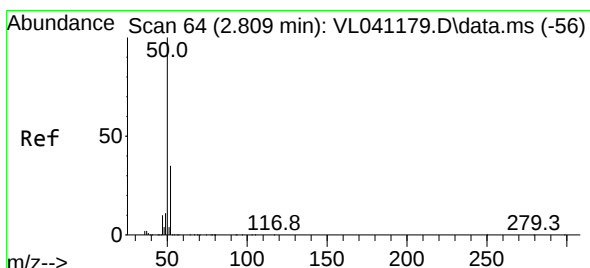
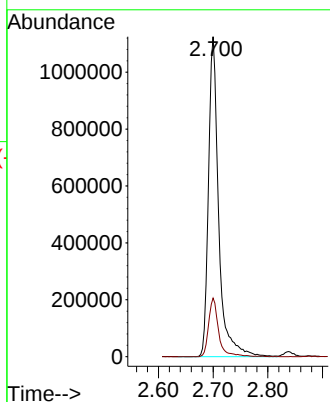
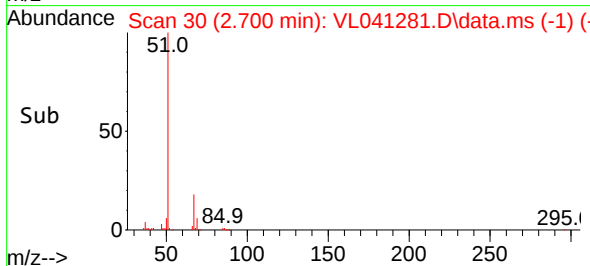
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 145262
Ion Ratio Lower Upper
51 100
67 18.2 14.0 21.0

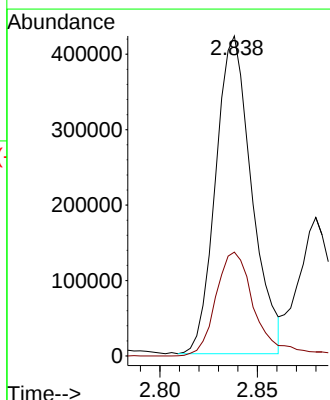
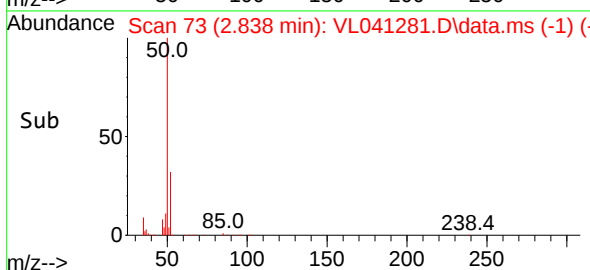
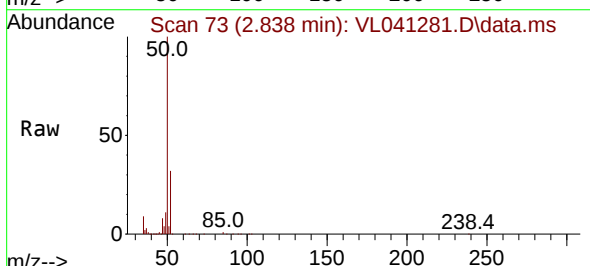
Manual Integrations
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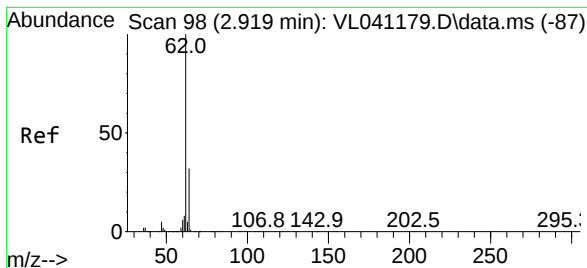
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#4
Chloromethane
Concen: 10.238 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

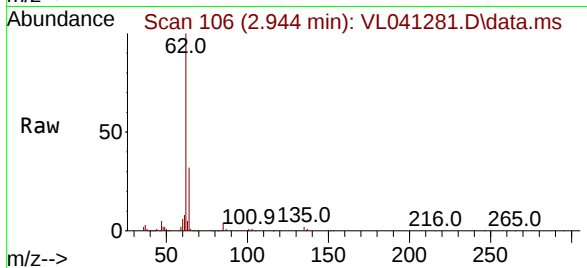
Tgt Ion: 50 Resp: 542010
Ion Ratio Lower Upper
50 100
52 32.6 28.3 42.5





#5
 Vinyl Chloride
 Concen: 10.704 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.000 min
 Lab File: VL041281.D
 Acq: 24 May 2024 8:24

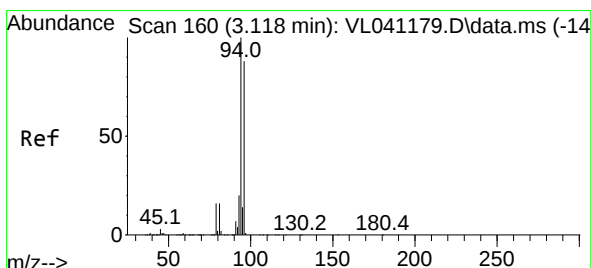
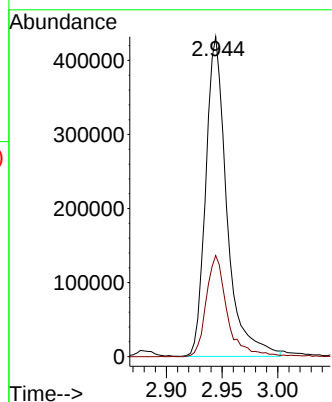
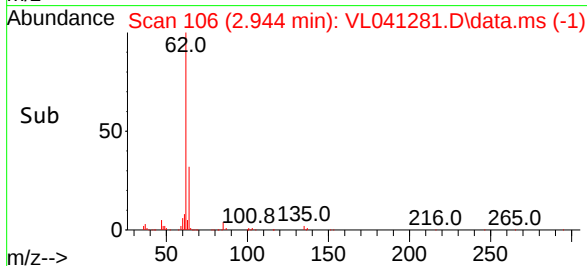
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 569298
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.7 38.5

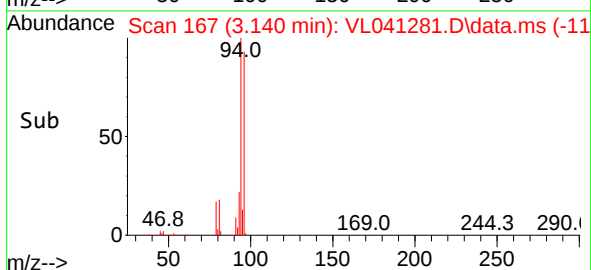
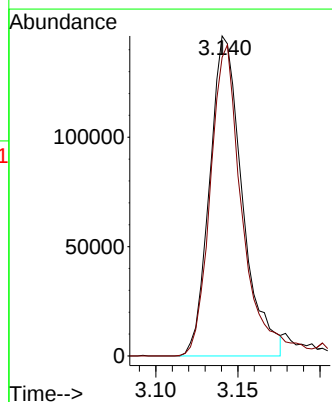
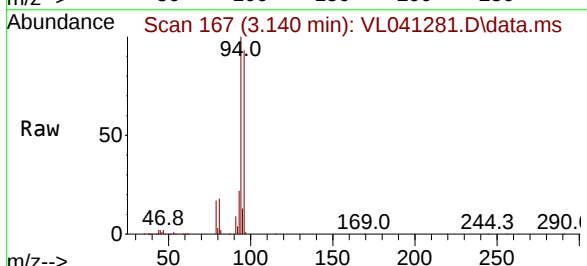
Manual Integrations
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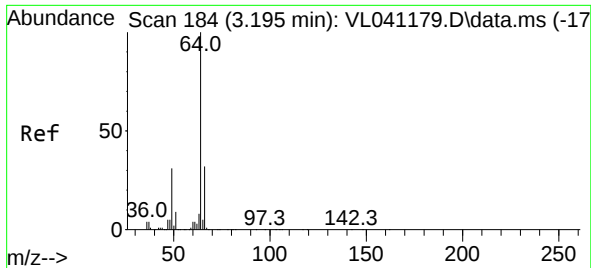
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024



#6
 Bromomethane
 Concen: 10.458 ppbv
 RT: 3.140 min Scan# 167
 Delta R.T. 0.000 min
 Lab File: VL041281.D
 Acq: 24 May 2024 8:24

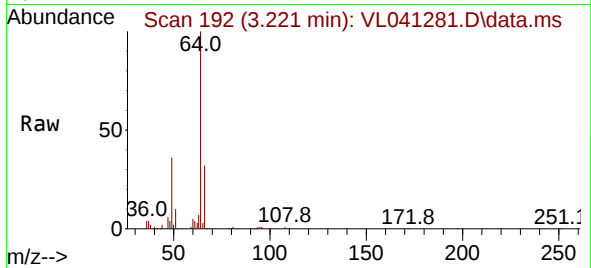
Tgt Ion: 94 Resp: 202930
 Ion Ratio Lower Upper
 94 100
 96 93.1 70.1 105.1





#7
Chloroethane
Concen: 10.402 ppbv
RT: 3.221 min Scan# 19
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

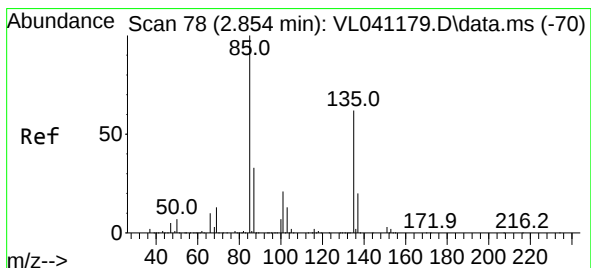
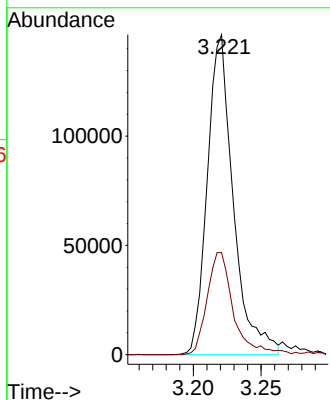
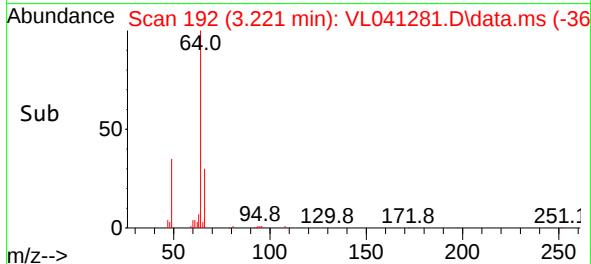
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 195320
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.2

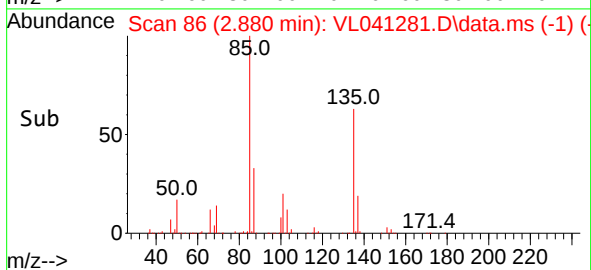
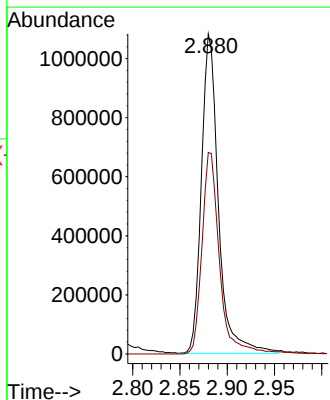
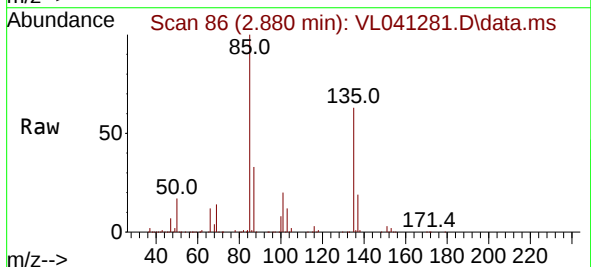
Manual Integrations
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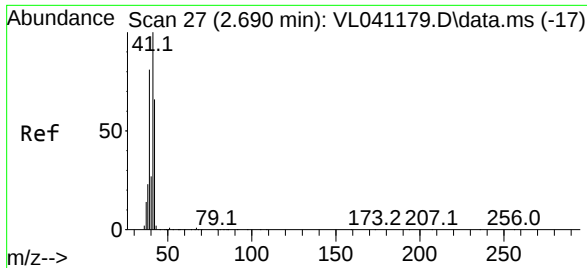
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#8
Dichlorotetrafluoroethane
Concen: 10.880 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Tgt Ion: 85 Resp: 1353256
Ion Ratio Lower Upper
85 100
135 65.4 51.5 77.3





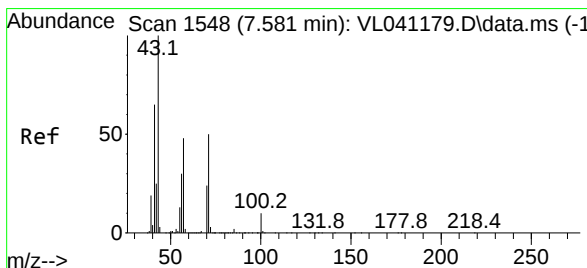
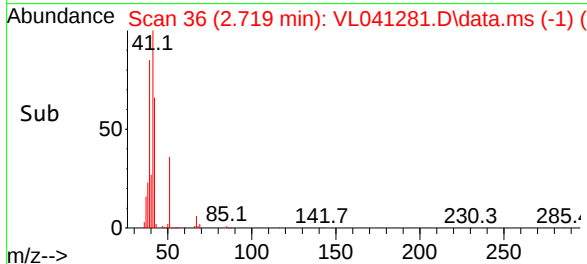
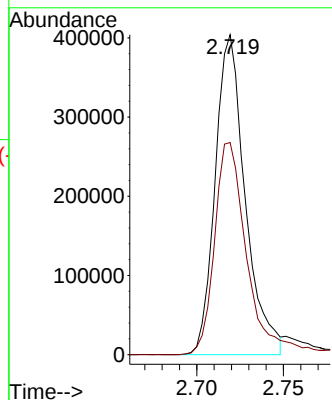
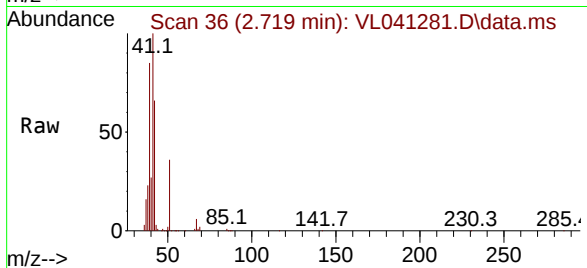
#9
 Propene
 Concen: 9.224 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL041281.D
 Acq: 24 May 2024 8:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 487030
 Ion Ratio Lower Upper
 41 100
 42 73.1 55.3 82.9

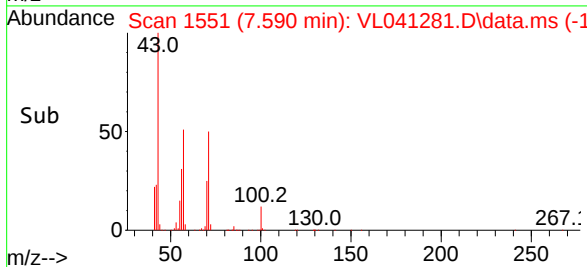
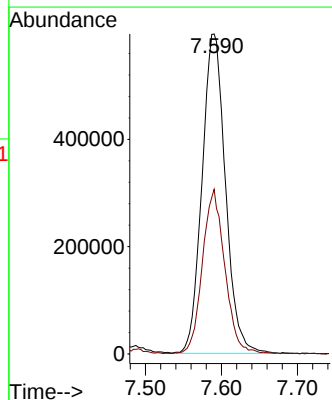
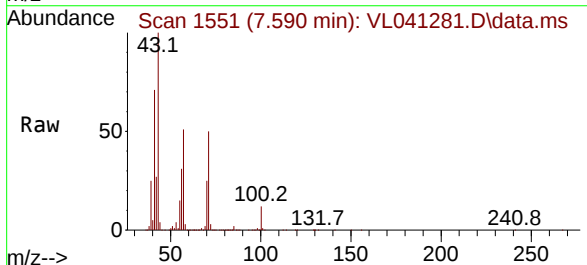
Manual Integrations
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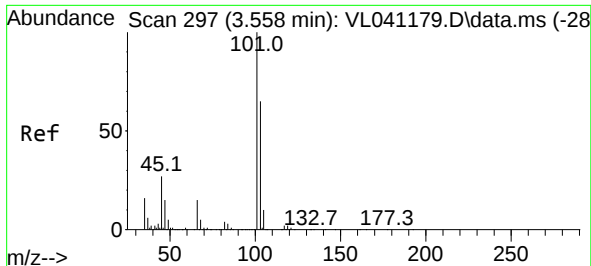
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024



#10
 Heptane
 Concen: 9.948 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.000 min
 Lab File: VL041281.D
 Acq: 24 May 2024 8:24

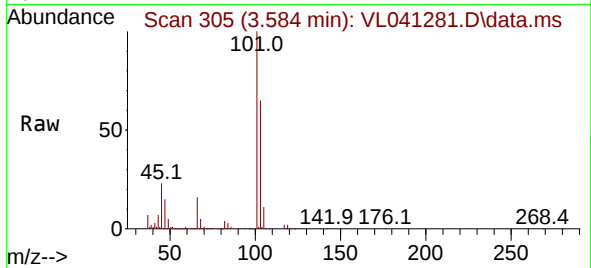
Tgt Ion: 43 Resp: 1272589
 Ion Ratio Lower Upper
 43 100
 57 49.0 38.7 58.1





#11
Trichlorofluoromethane
Concen: 11.308 ppbv
RT: 3.584 min Scan# 305
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

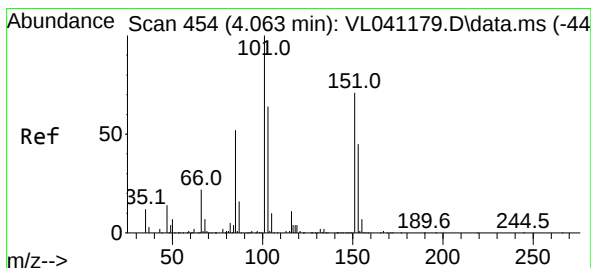
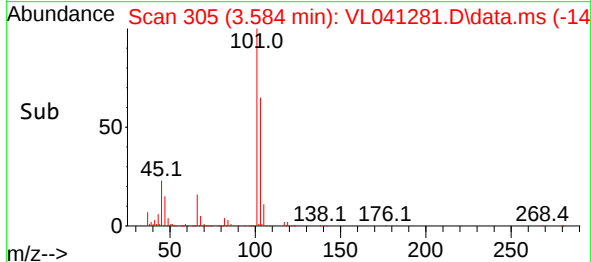
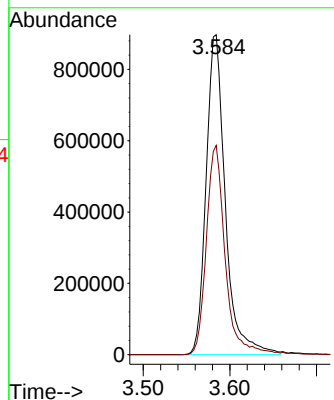
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 1380974
Ion Ratio Lower Upper
101 100
103 65.4 51.6 77.4

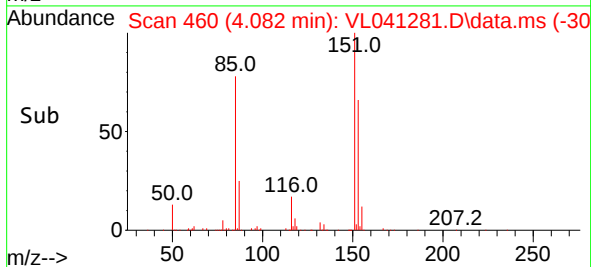
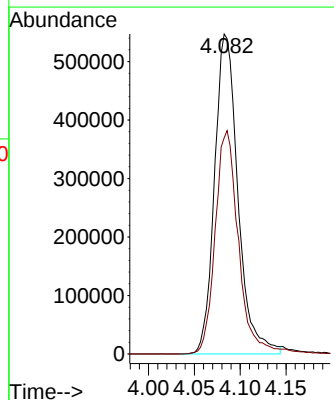
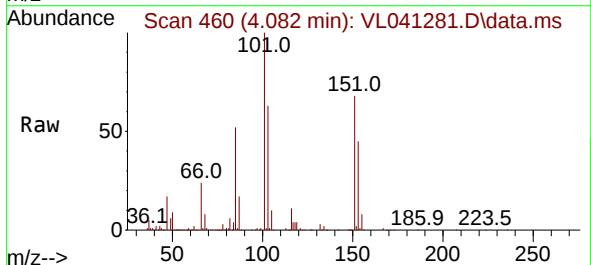
Manual Integrations
APPROVED

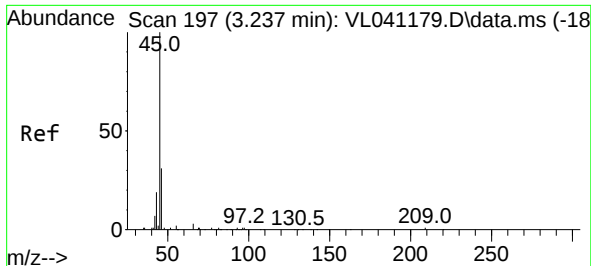
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.760 ppbv
RT: 4.082 min Scan# 460
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

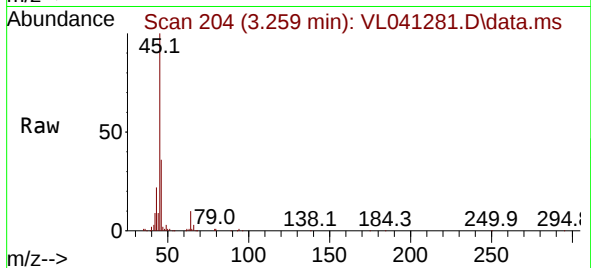
Tgt Ion:101 Resp: 971738
Ion Ratio Lower Upper
101 100
151 70.1 56.8 85.2





#13
Ethanol
Concen: 9.687 ppbv
RT: 3.259 min Scan# 204
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

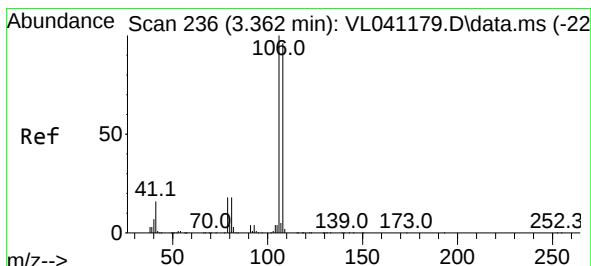
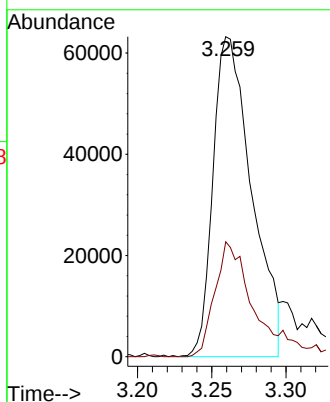
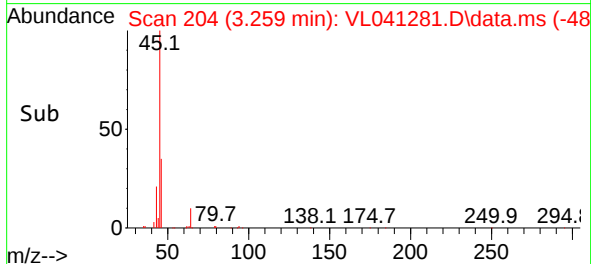
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



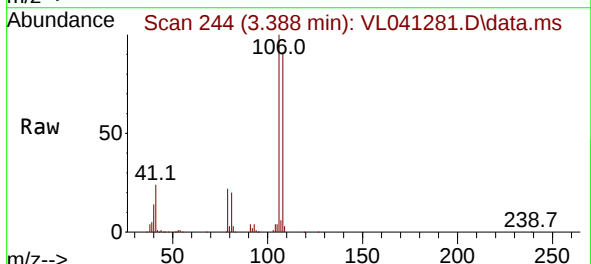
Tgt Ion: 45 Resp: 114659
Ion Ratio Lower Upper
45 100
46 39.4 14.8 59.0

Manual Integrations
APPROVED

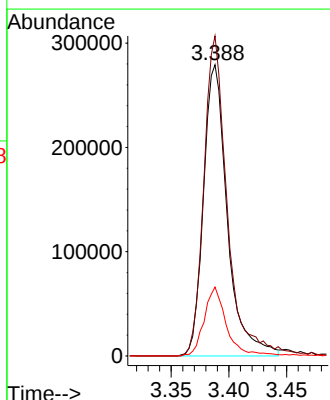
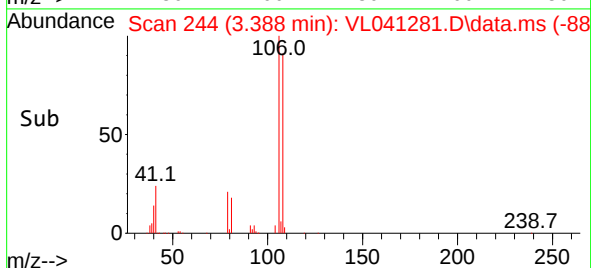
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

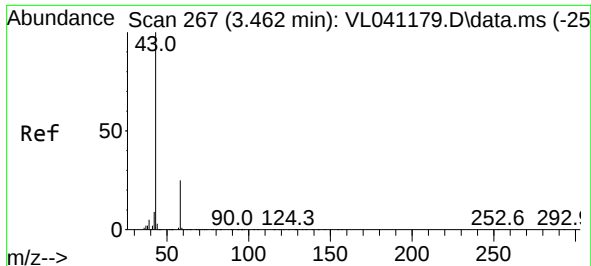


#14
Bromoethene
Concen: 10.784 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



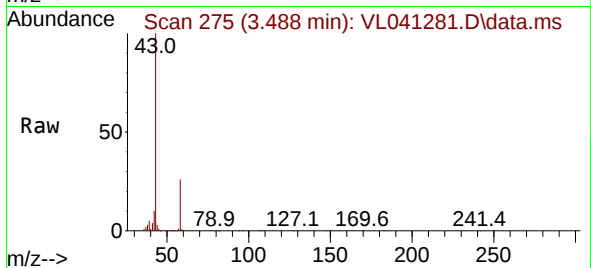
Tgt Ion:108 Resp: 401935
Ion Ratio Lower Upper
108 100
106 109.3 88.2 132.4
79 22.6 17.4 26.0





#15
Acetone
Concen: 9.911 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

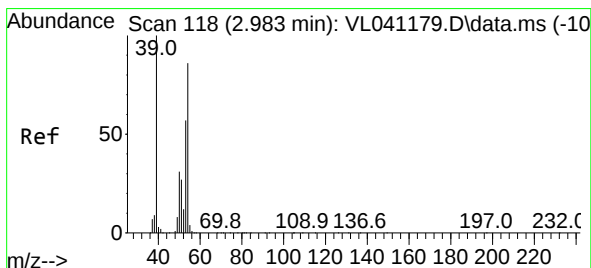
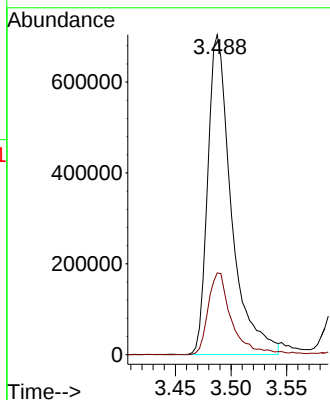
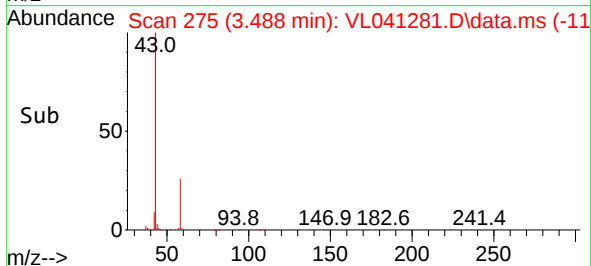
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



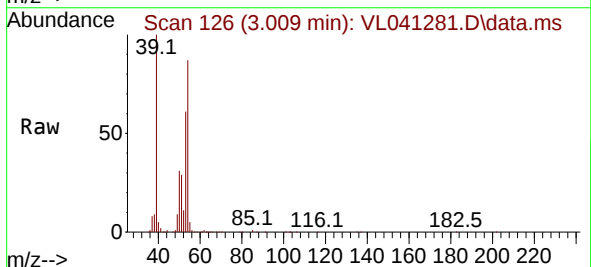
Tgt Ion: 43 Resp: 1039134
Ion Ratio Lower Upper
43 100
58 25.9 21.4 32.0

Manual Integrations
APPROVED

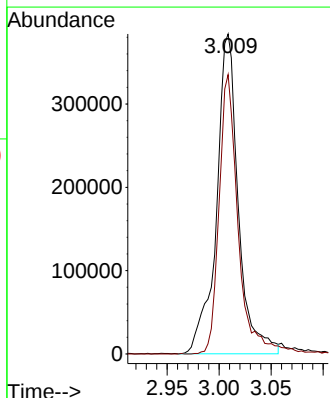
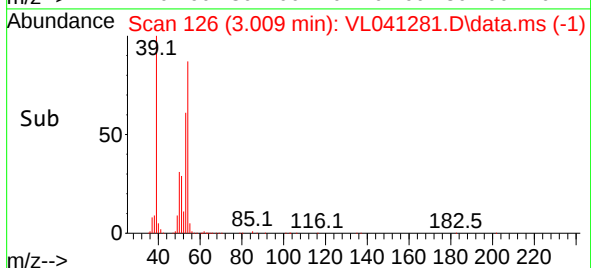
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

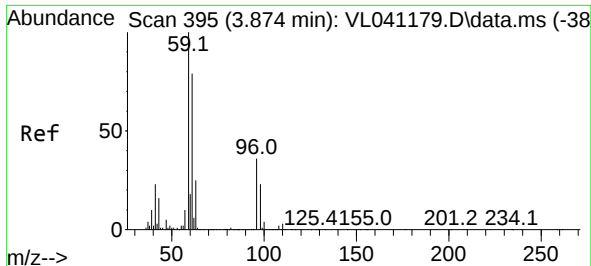


#16
1,3-Butadiene
Concen: 10.664 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



Tgt Ion: 39 Resp: 564389
Ion Ratio Lower Upper
39 100
54 77.0 62.2 93.4





#17

tert-Butyl alcohol

Concen: 8.696 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 59 Resp: 983474

Ion Ratio Lower Upper

59 100

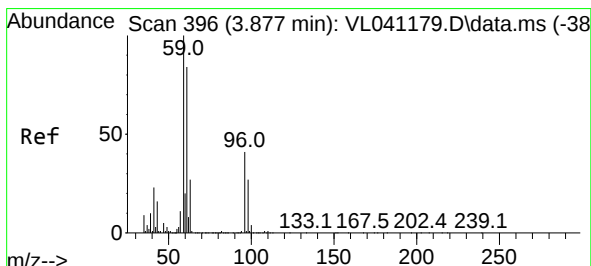
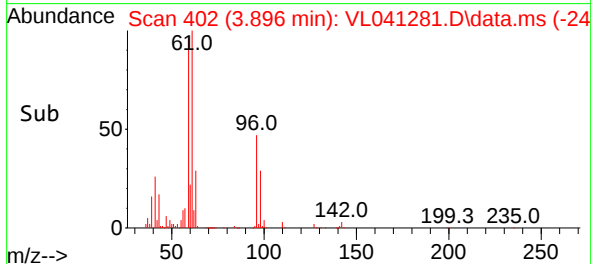
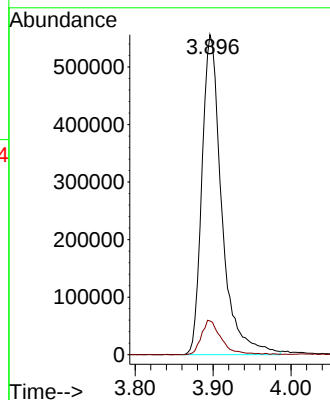
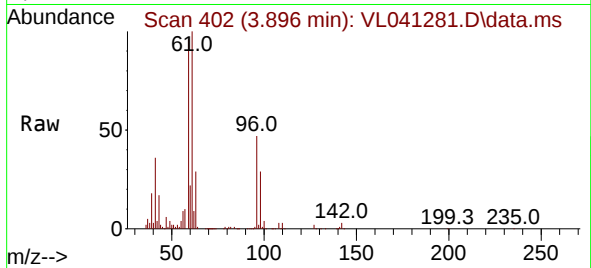
57 11.0 8.4 12.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#18

1,1-Dichloroethene

Concen: 10.580 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

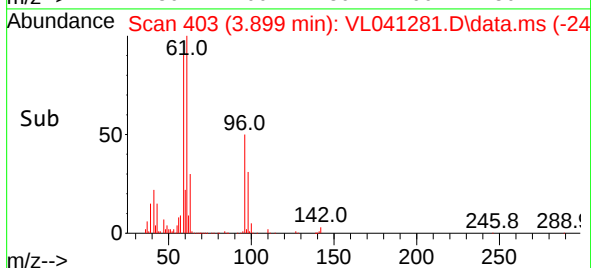
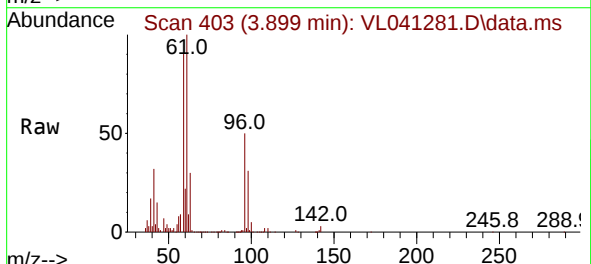
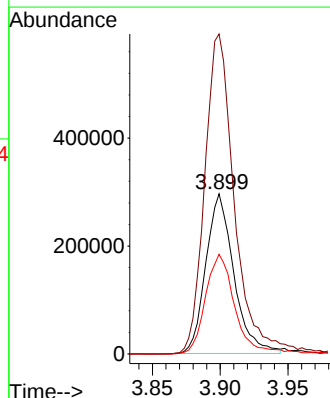
Tgt Ion: 96 Resp: 426041

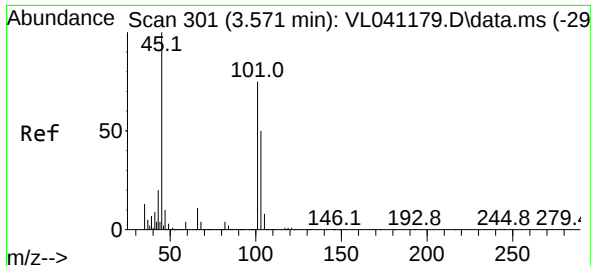
Ion Ratio Lower Upper

96 100

61 199.5 164.4 246.6

98 62.0 51.8 77.8





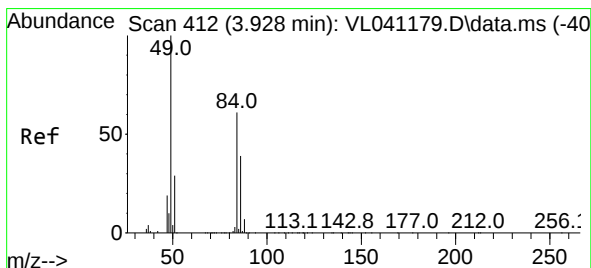
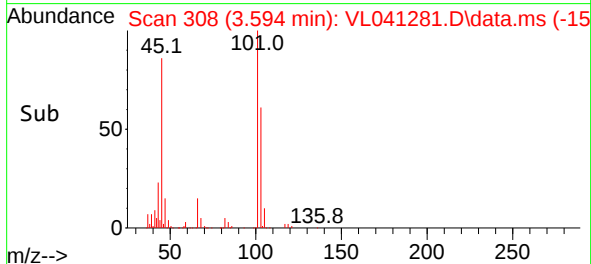
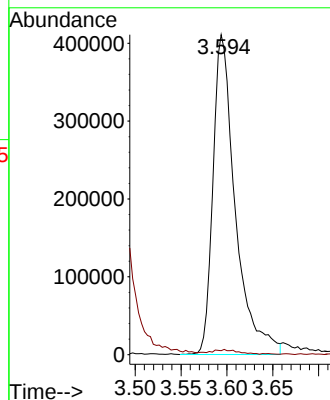
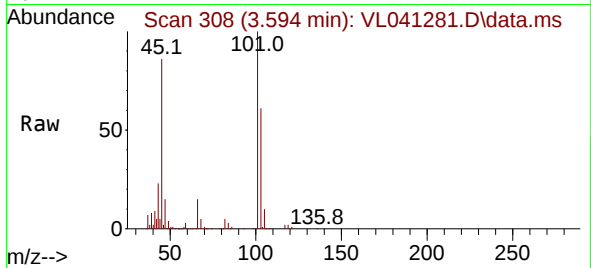
#19
Isopropyl Alcohol
Concen: 10.097 ppbv
RT: 3.594 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 694650
Ion Ratio Lower Upper
45 100
58 1.9 26.8 40.2

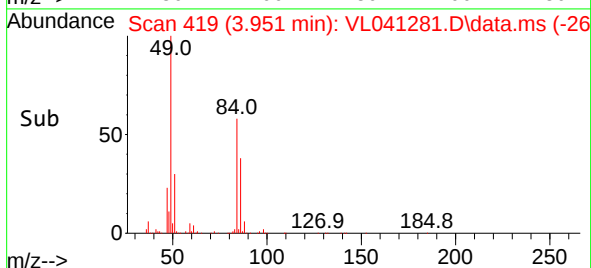
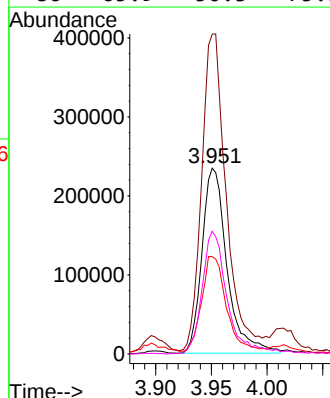
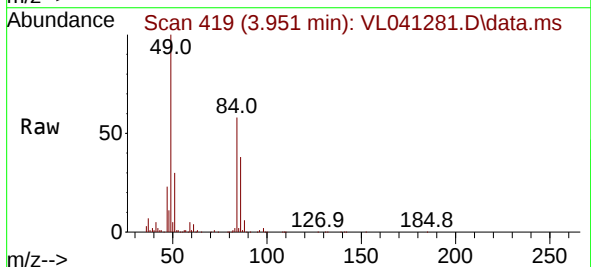
Manual Integrations
APPROVED

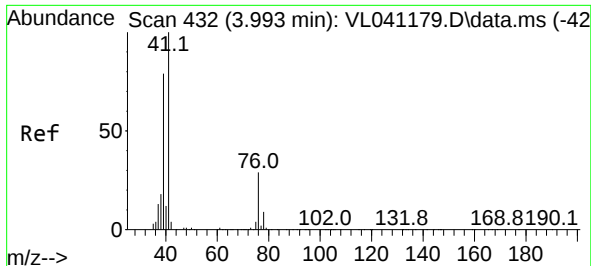
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#20
Methylene Chloride
Concen: 10.060 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

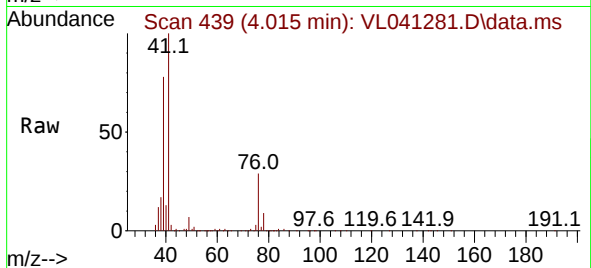
Tgt Ion: 84 Resp: 366754
Ion Ratio Lower Upper
84 100
49 171.1 130.4 195.6
51 51.2 38.0 57.0
86 65.9 50.3 75.5





#21
Allyl Chloride
Concen: 10.292 ppbv
RT: 4.015 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

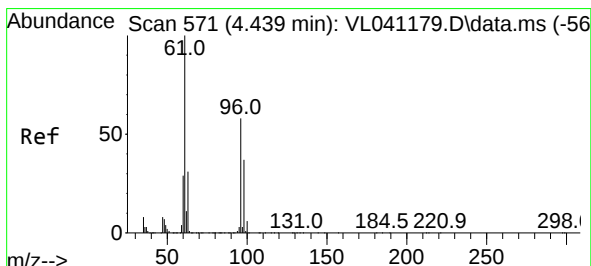
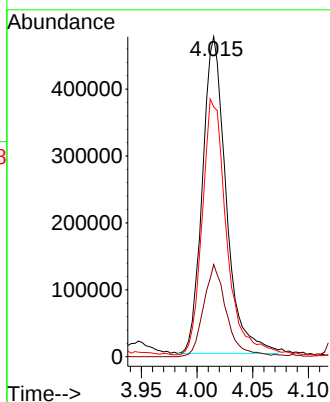
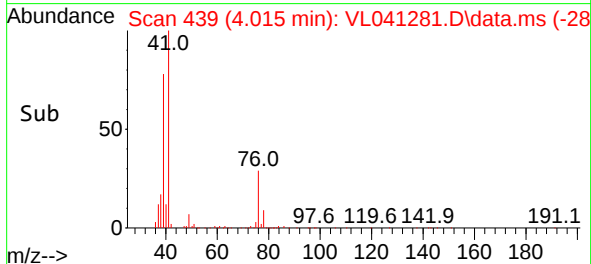
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



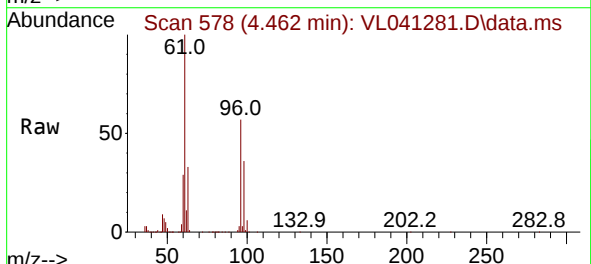
Tgt Ion: 41 Resp: 70357
Ion Ratio Lower Upper
41 100
76 28.5 23.7 35.5
39 84.6 64.7 97.1

Manual Integrations
APPROVED

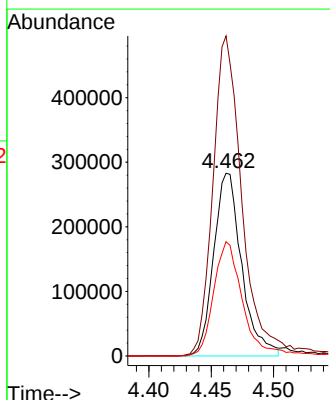
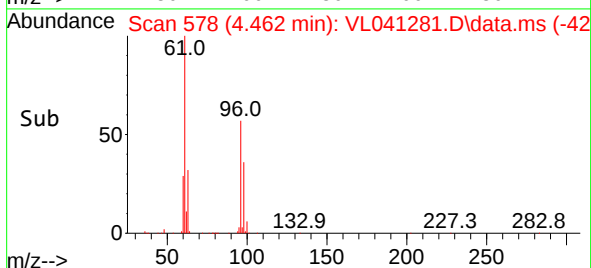
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

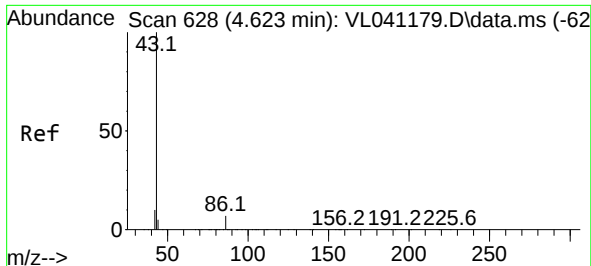


#22
trans-1,2-Dichloroethene
Concen: 10.573 ppbv
RT: 4.462 min Scan# 578
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



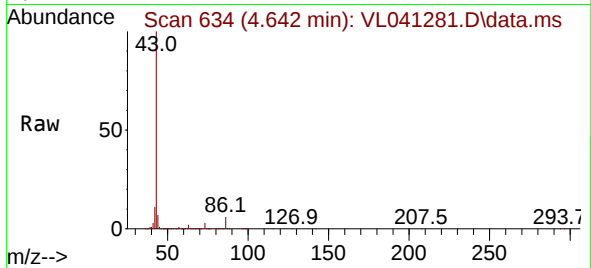
Tgt Ion: 96 Resp: 442748
Ion Ratio Lower Upper
96 100
61 175.1 137.6 206.4
98 62.5 50.6 76.0





#23
 Vinyl Acetate
 Concen: 10.354 ppbv
 RT: 4.642 min Scan# 615
 Delta R.T. 0.000 min
 Lab File: VL041281.D
 Acq: 24 May 2024 8:24

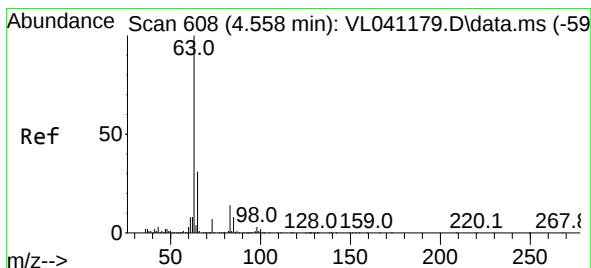
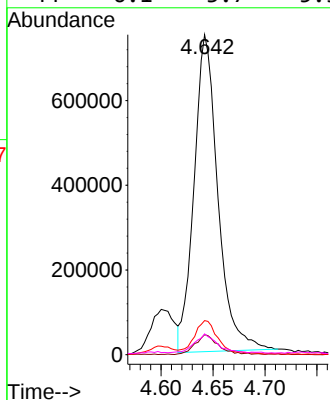
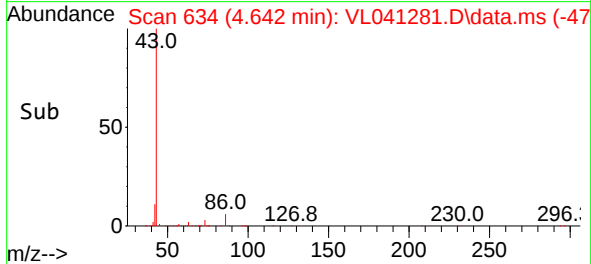
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



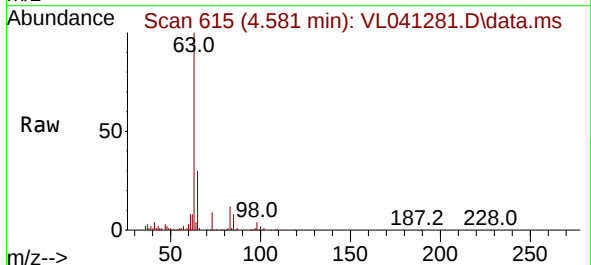
Tgt Ion: 43 Resp: 1195369
 Ion Ratio Lower Upper
 43 100
 86 6.1 4.9 7.3
 42 10.5 8.0 12.0
 44 6.1 3.7 5.5#

Manual Integrations
 APPROVED

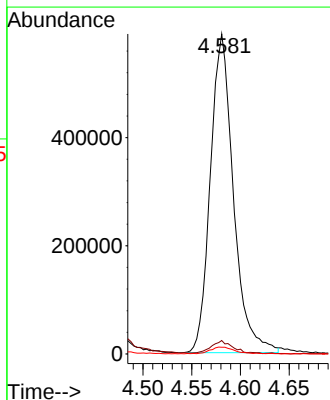
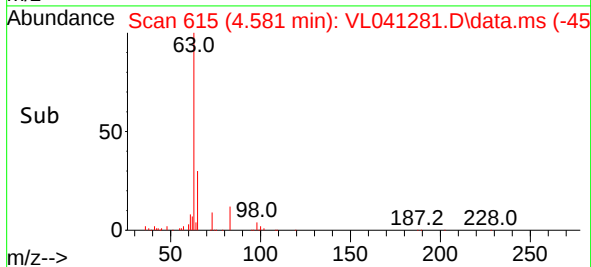
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

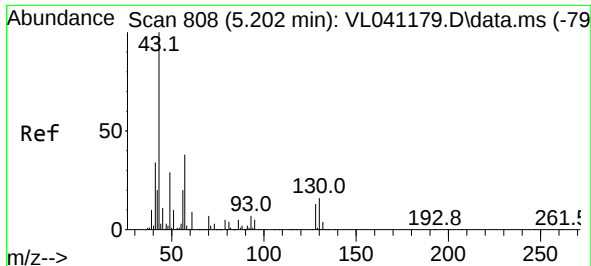


#24
 1,1-Dichloroethane
 Concen: 10.827 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.000 min
 Lab File: VL041281.D
 Acq: 24 May 2024 8:24



Tgt Ion: 63 Resp: 971973
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.6 4.8
 100 2.0 1.1 3.5





#25

Ethyl Acetate

Concen: 10.062 ppbv

RT: 5.217 min Scan# 813

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 2105714

Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.2

61 9.7 7.7 11.5

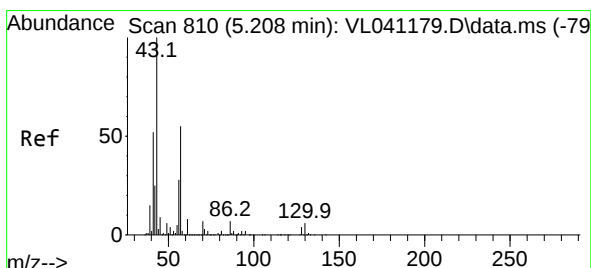
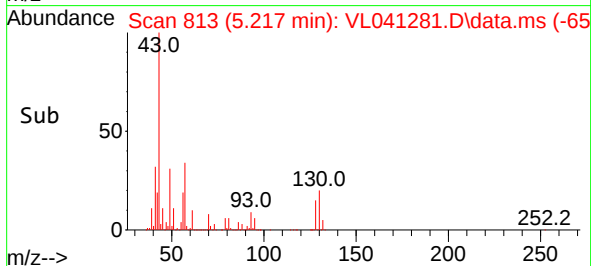
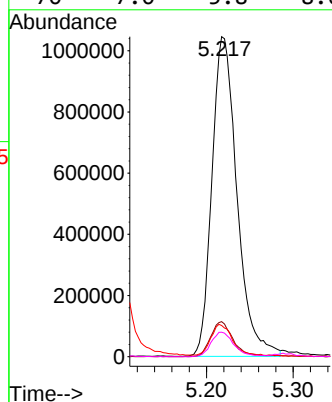
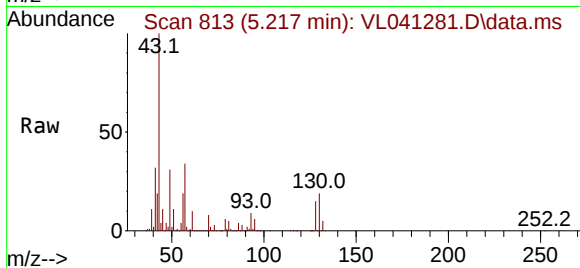
70 7.0 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#26

Hexane

Concen: 9.764 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Tgt Ion: 57 Resp: 911875

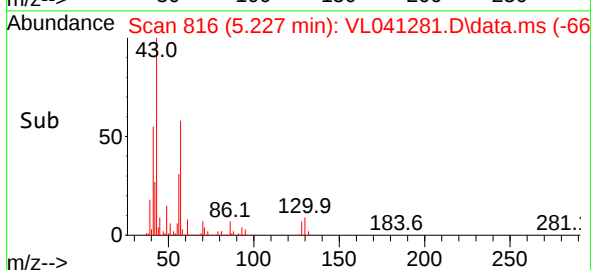
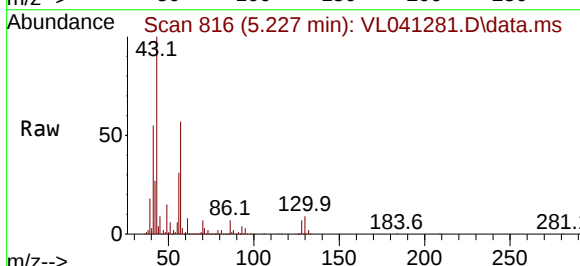
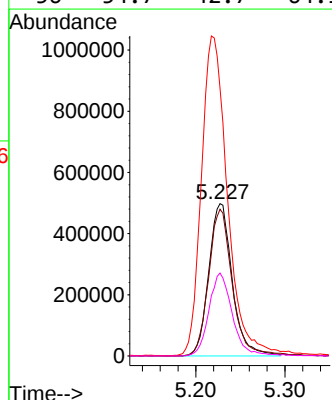
Ion Ratio Lower Upper

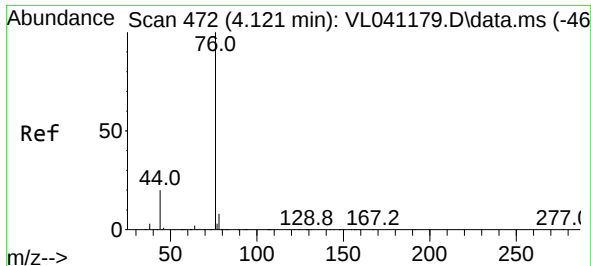
57 100

41 97.7 75.8 113.8

43 235.4 187.0 280.4

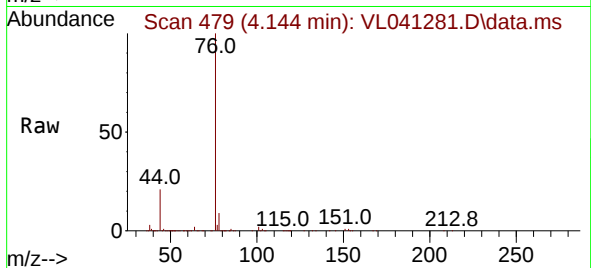
56 54.7 42.7 64.1





#27
Carbon Disulfide
Concen: 10.542 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

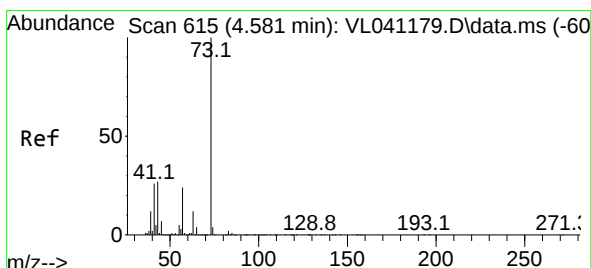
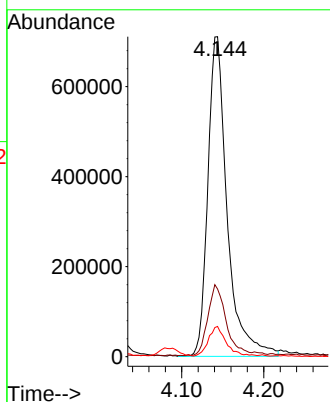
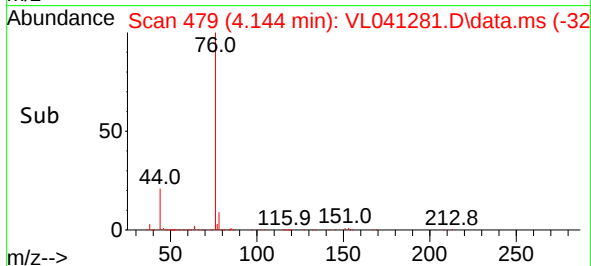
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



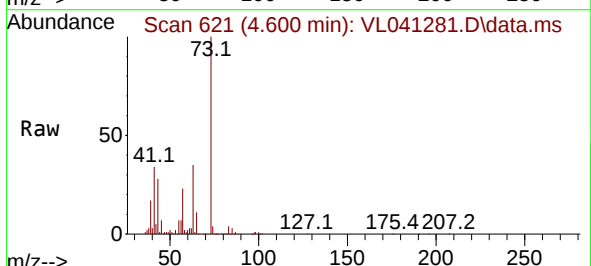
Tgt Ion: 76 Resp: 1165378
Ion Ratio Lower Upper
76 100
44 22.1 16.3 24.5
78 9.7 7.3 10.9

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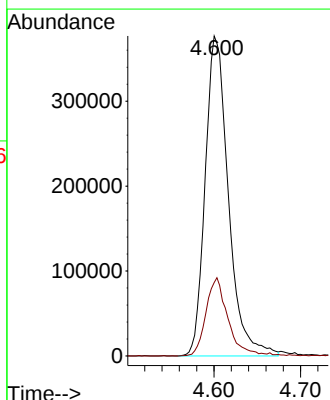
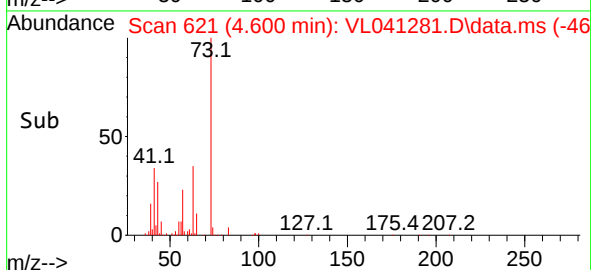
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

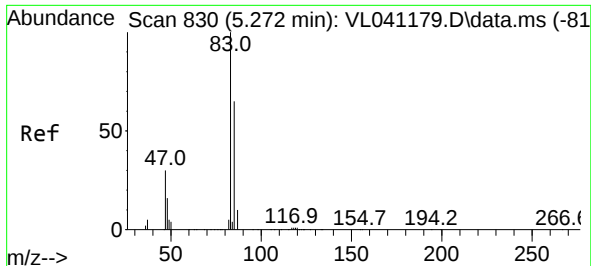


#28
Methyl tert-Butyl Ether
Concen: 9.445 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



Tgt Ion: 73 Resp: 702328
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2





#29

Chloroform

Concen: 11.118 ppbv

RT: 5.291 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 1432389

Ion Ratio Lower Upper

83 100

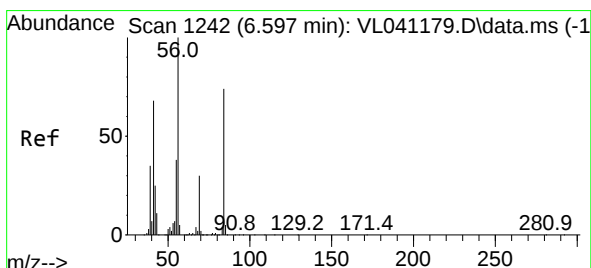
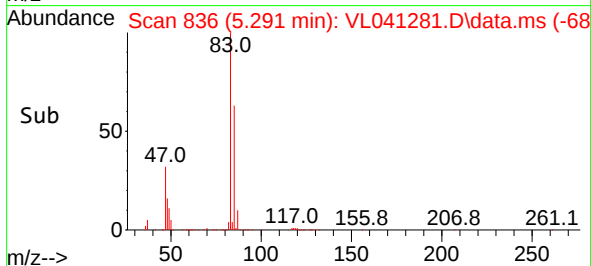
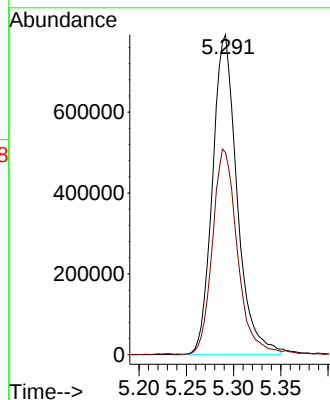
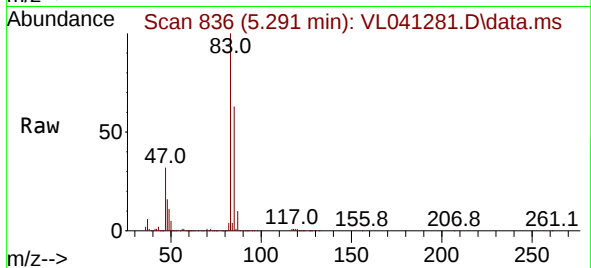
85 63.0 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#30

Cyclohexane

Concen: 10.445 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

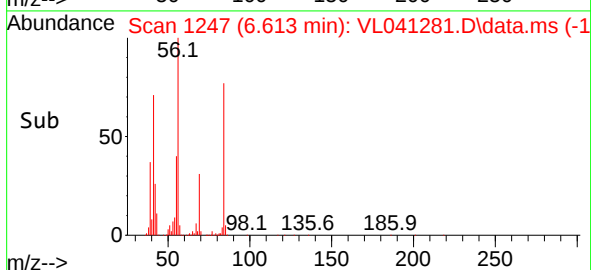
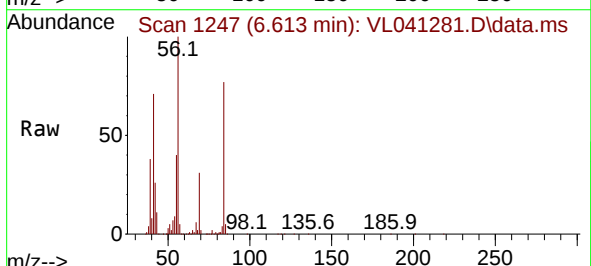
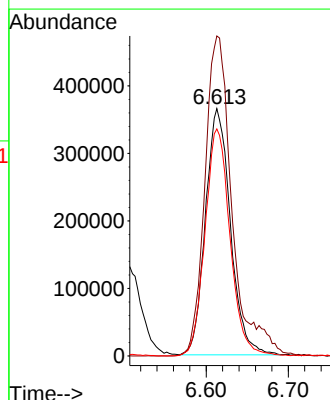
Tgt Ion: 84 Resp: 772135

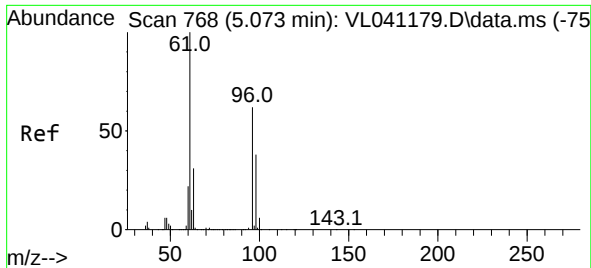
Ion Ratio Lower Upper

84 100

56 142.1 116.8 175.2

41 92.7 73.8 110.8





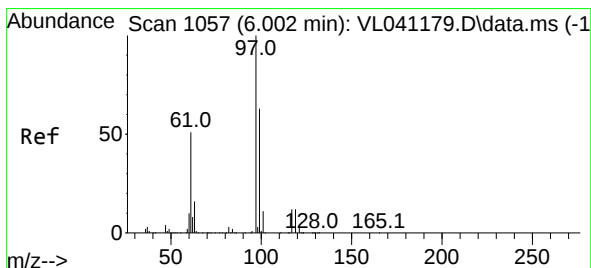
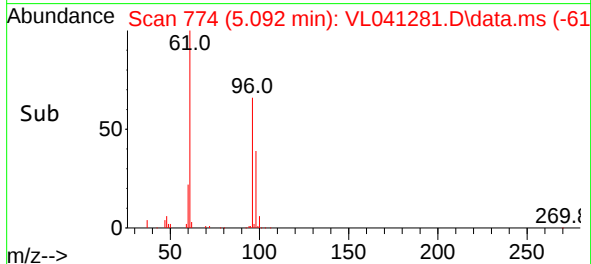
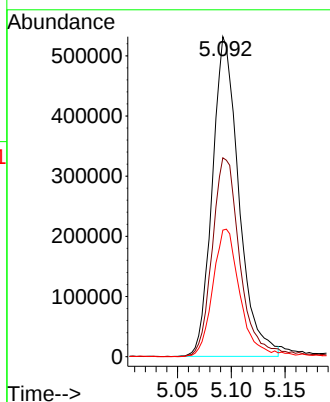
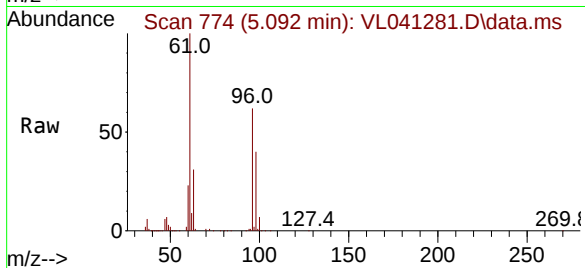
#31
 cis-1,2-Dichloroethene
 Concen: 10.443 ppbv
 RT: 5.092 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VL041281.D
 Acq: 24 May 2024 8:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 61 Resp: 913009
 Ion Ratio Lower Upper
 61 100
 96 62.2 49.8 74.6
 98 39.6 30.0 45.0

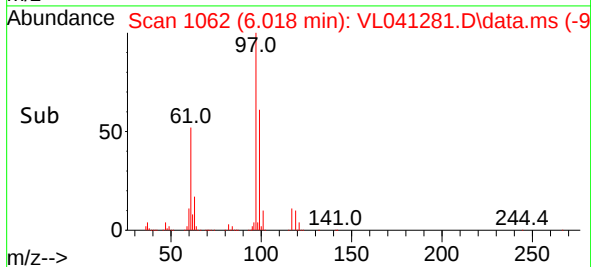
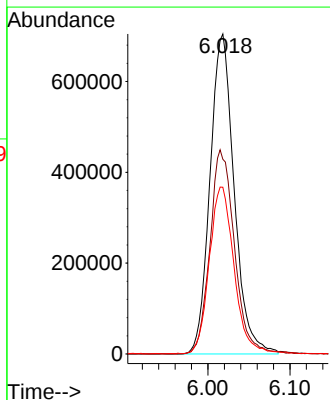
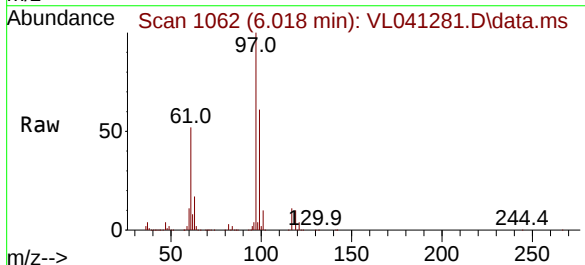
Manual Integrations
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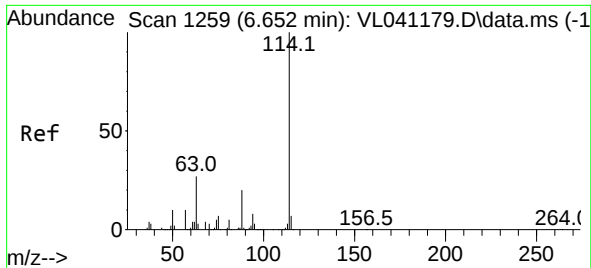
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024



#32
 1,1,1-Trichloroethane
 Concen: 11.217 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.000 min
 Lab File: VL041281.D
 Acq: 24 May 2024 8:24

Tgt Ion: 97 Resp: 1441888
 Ion Ratio Lower Upper
 97 100
 99 65.1 51.7 77.5
 61 53.6 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.668 min Scan# 1114

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:114 Resp: 239448

Ion Ratio Lower Upper

114 100

63 26.1 21.8 32.6

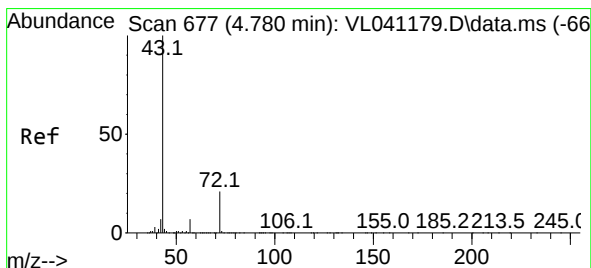
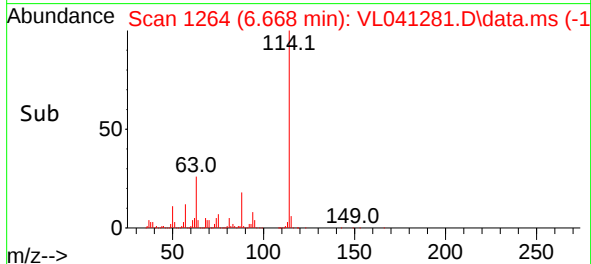
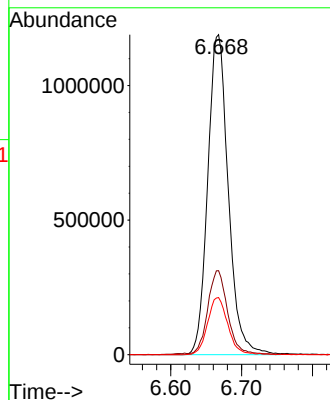
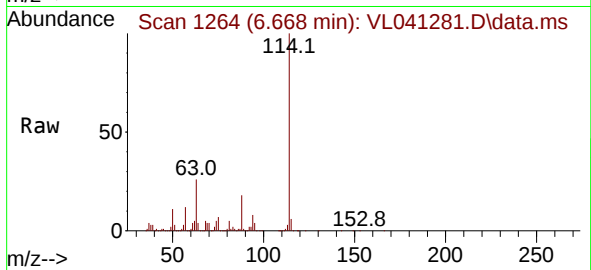
88 17.7 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#34

2-Butanone

Concen: 9.239 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.000 min

Lab File: VL041281.D

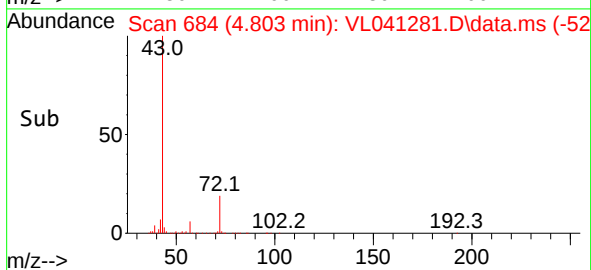
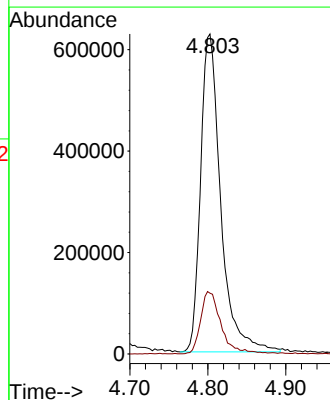
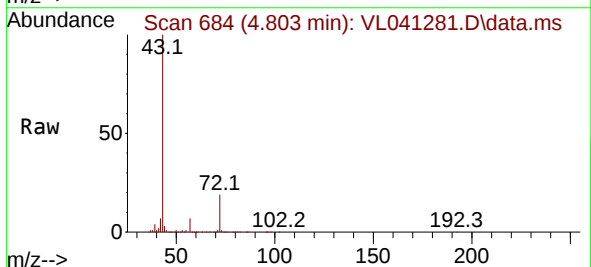
Acq: 24 May 2024 8:24

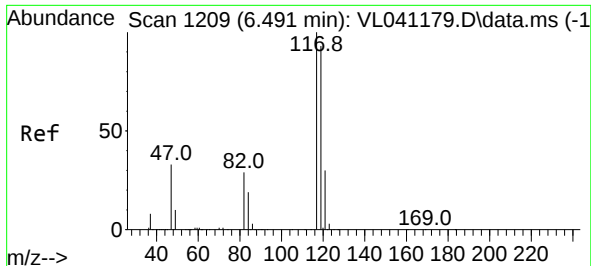
Tgt Ion: 43 Resp: 1126019

Ion Ratio Lower Upper

43 100

72 20.5 17.3 25.9





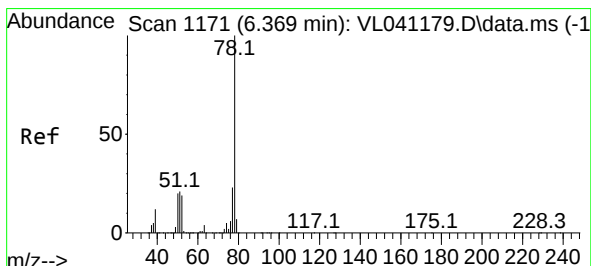
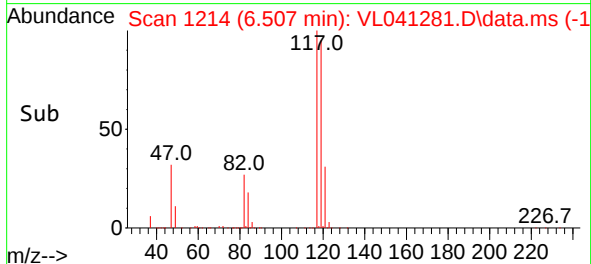
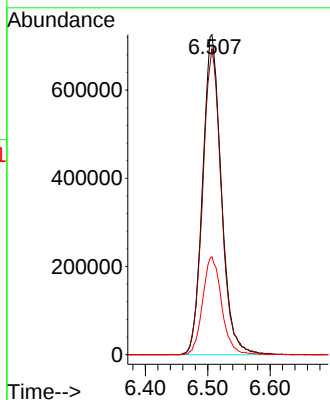
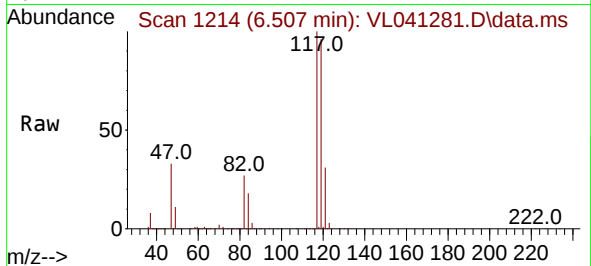
#35
Carbon Tetrachloride
Concen: 11.244 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 117 Resp: 1511038
Ion Ratio Lower Upper
117 100
119 95.6 74.3 111.5
121 30.6 23.8 35.8

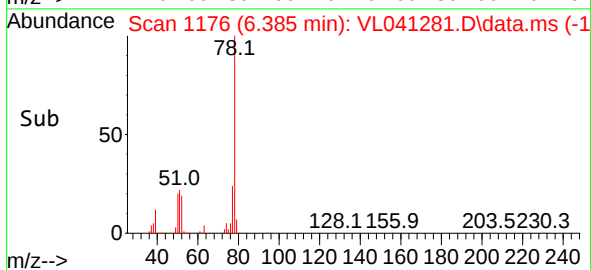
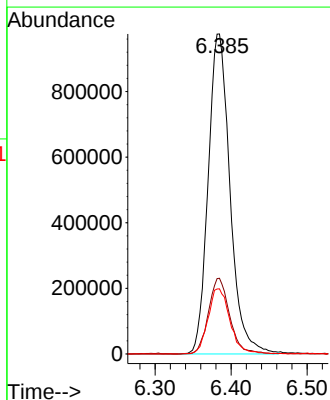
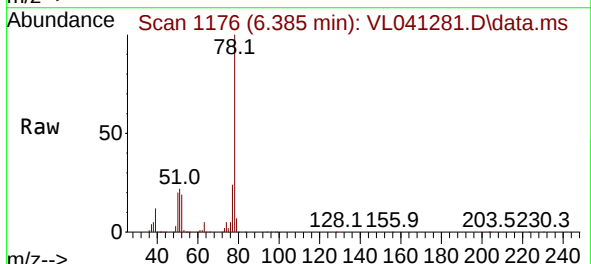
Manual Integrations
APPROVED

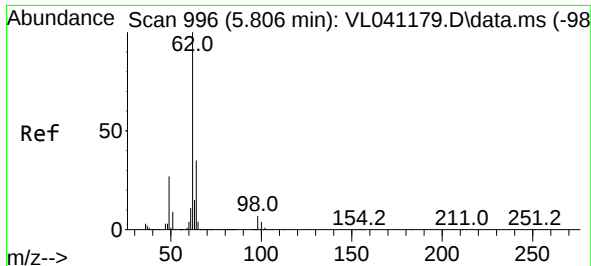
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#36
Benzene
Concen: 9.691 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Tgt Ion: 78 Resp: 1947357
Ion Ratio Lower Upper
78 100
77 23.6 18.3 27.5
50 20.3 15.9 23.9





#37

1,2-Dichloroethane

Concen: 10.921 ppbv

RT: 5.822 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 62 Resp: 1145038

Ion Ratio Lower Upper

62 100

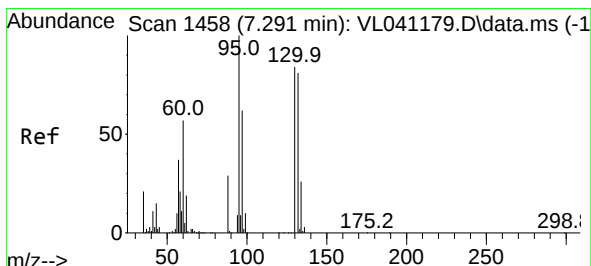
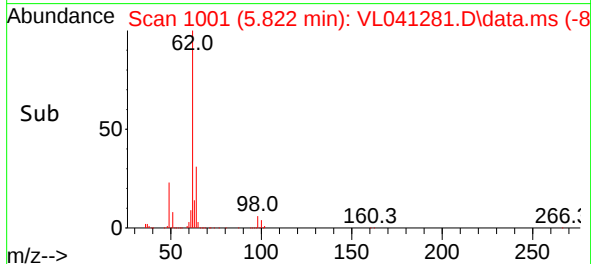
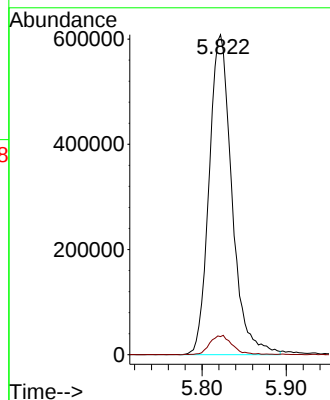
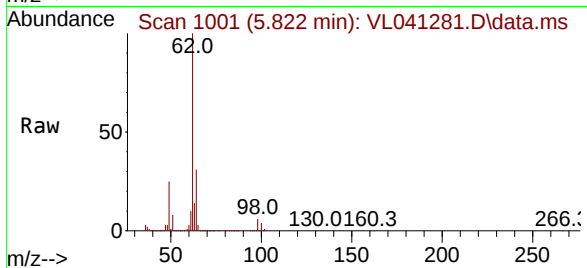
98 6.2 5.0 7.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#38

Trichloroethene

Concen: 10.197 ppbv

RT: 7.301 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Tgt Ion:130 Resp: 763553

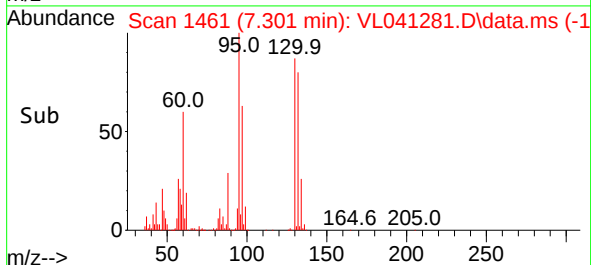
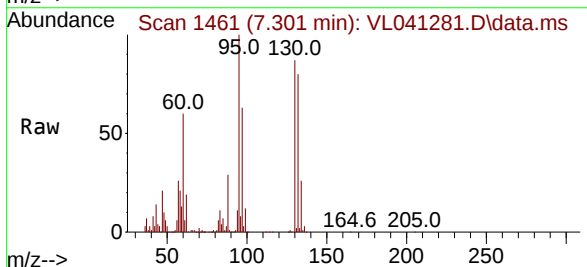
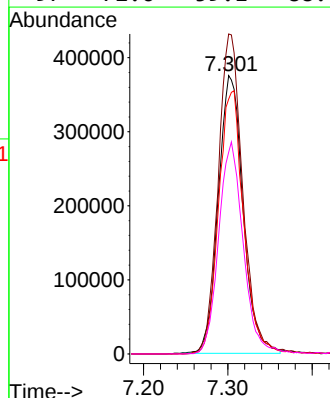
Ion Ratio Lower Upper

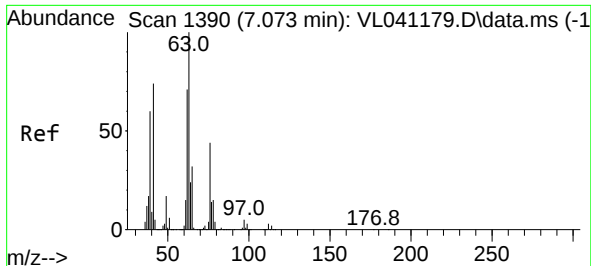
130 100

95 115.1 95.0 142.6

132 91.8 77.0 115.4

97 72.6 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.636 ppbv

RT: 7.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 63 Resp: 746200

Ion Ratio Lower Upper

63 100

41 82.0 59.4 89.0

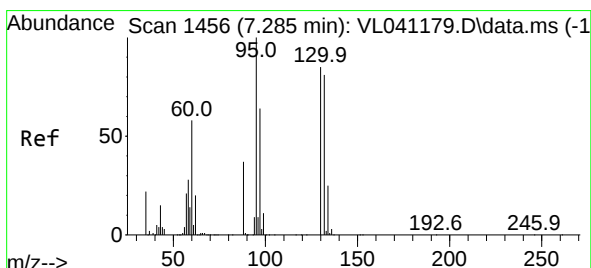
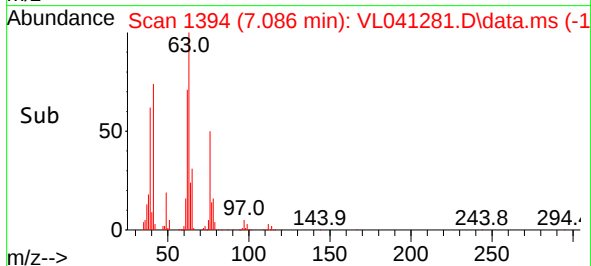
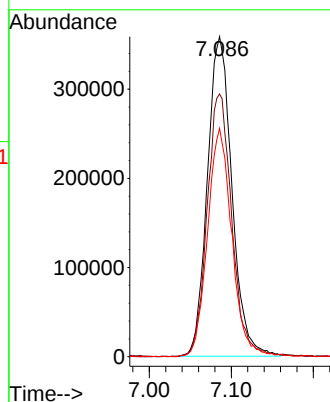
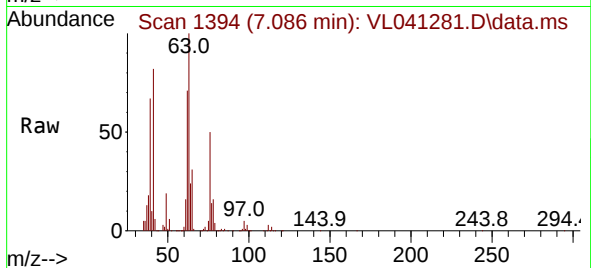
62 71.0 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#40

1,4-Dioxane

Concen: 10.654 ppbv

RT: 7.295 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Tgt Ion: 88 Resp: 294749

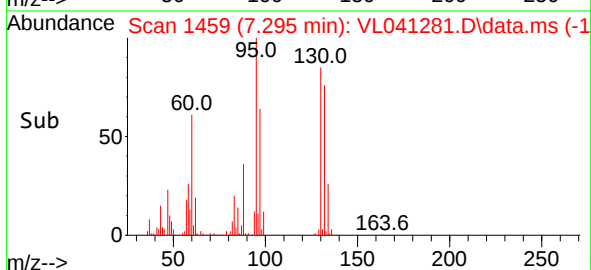
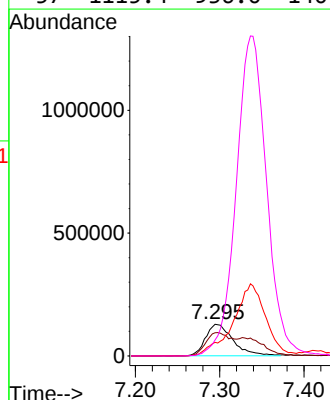
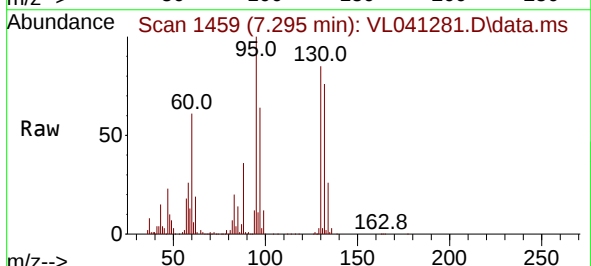
Ion Ratio Lower Upper

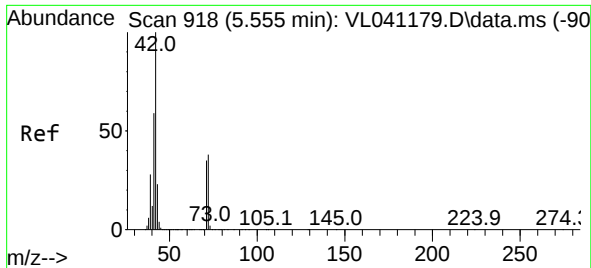
88 100

58 124.1 106.1 159.1

43 267.6 219.8 329.6

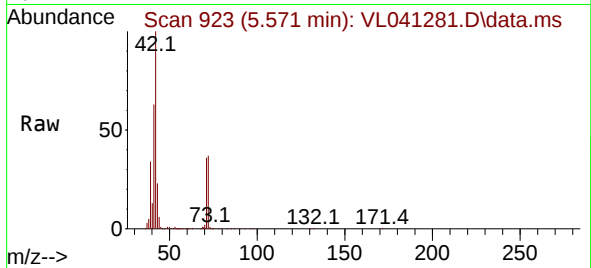
57 1115.4 936.0 1404.0





#41
Tetrahydrofuran
Concen: 9.075 ppbv
RT: 5.571 min Scan# 918
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

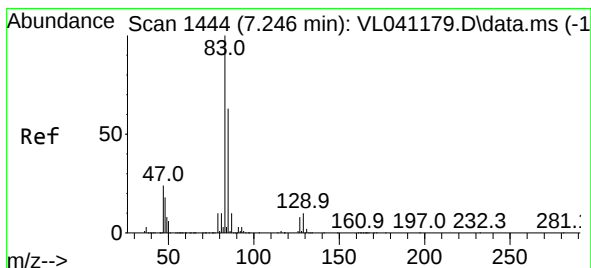
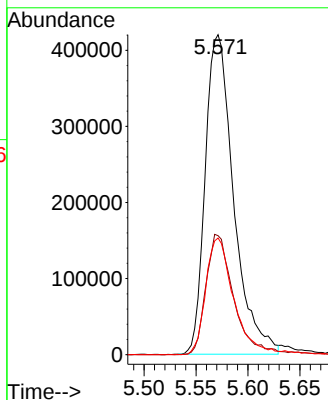
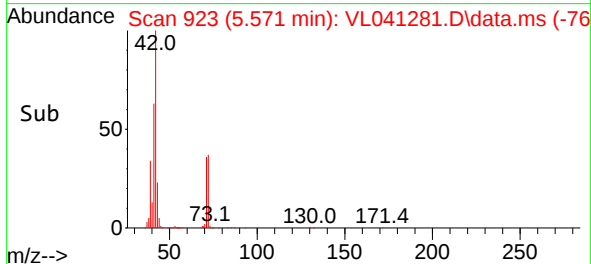
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



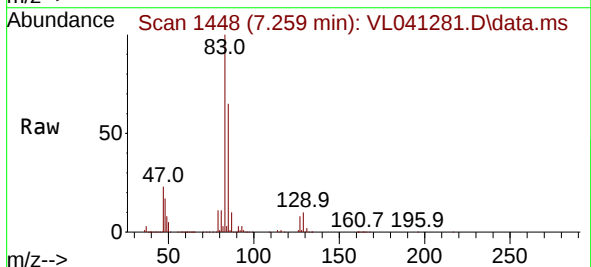
Tgt Ion: 42 Resp: 800630
Ion Ratio Lower Upper
42 100
72 37.2 29.4 44.0
71 36.8 29.1 43.7

Manual Integrations
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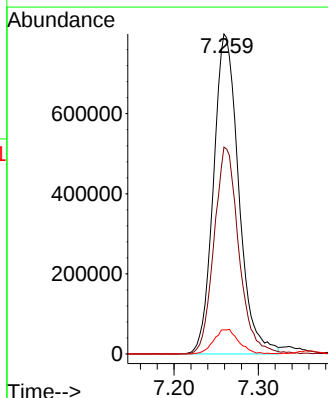
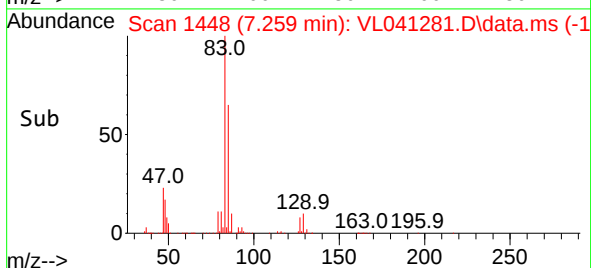
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

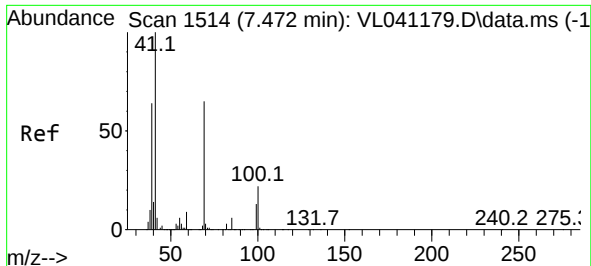


#42
Bromodichloromethane
Concen: 11.035 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



Tgt Ion: 83 Resp: 1659187
Ion Ratio Lower Upper
83 100
85 64.6 50.6 75.8
127 7.6 6.2 9.4





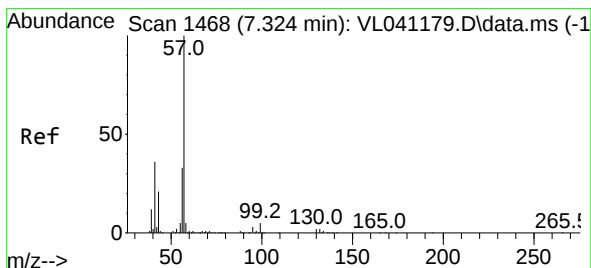
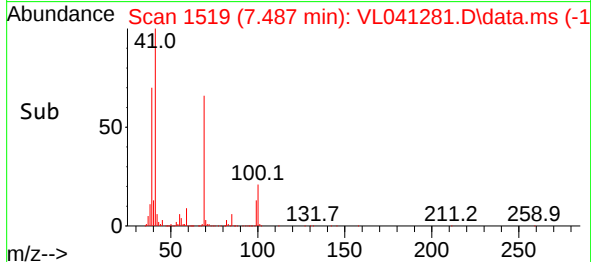
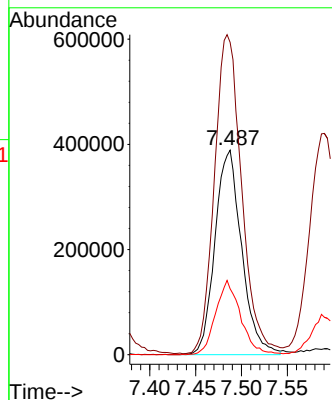
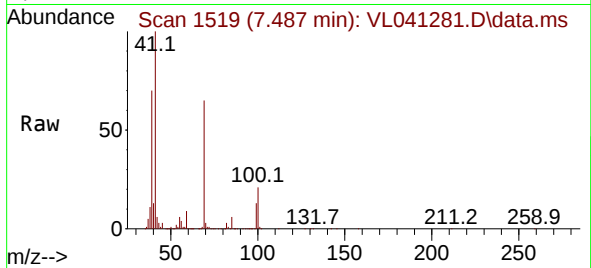
#43
Methyl Methacrylate
Concen: 9.674 ppbv
RT: 7.487 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 69 Resp: 78626
Ion Ratio Lower Upper
69 100
41 159.5 125.2 187.8
100 34.1 26.7 40.1

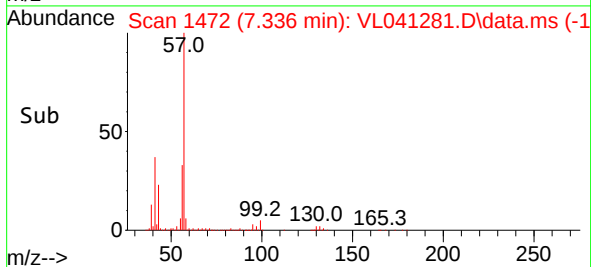
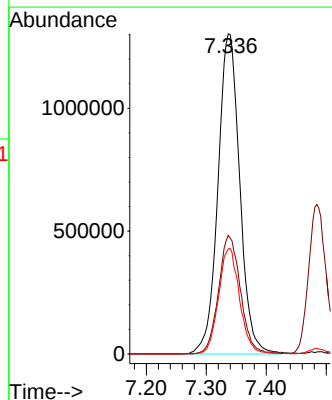
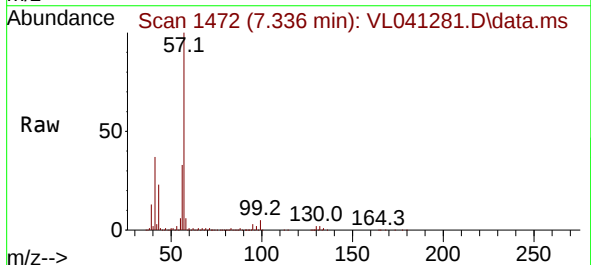
Manual Integrations
APPROVED

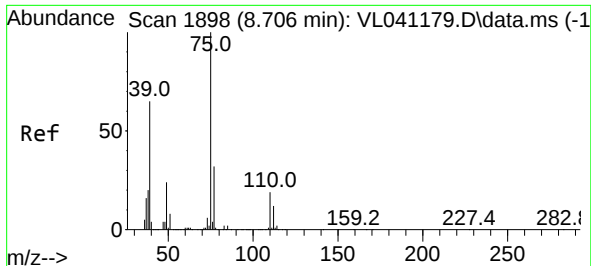
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#44
2,2,4-Trimethylpentane
Concen: 9.471 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

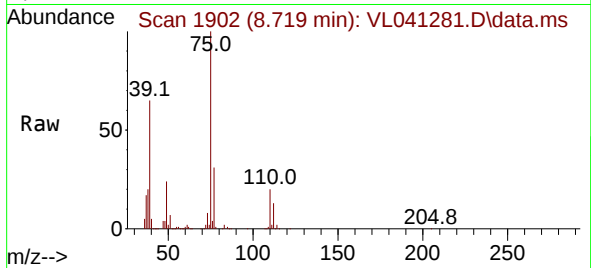
Tgt Ion: 57 Resp: 3281430
Ion Ratio Lower Upper
57 100
41 37.2 29.5 44.3
56 31.9 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 10.886 ppbv
RT: 8.719 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

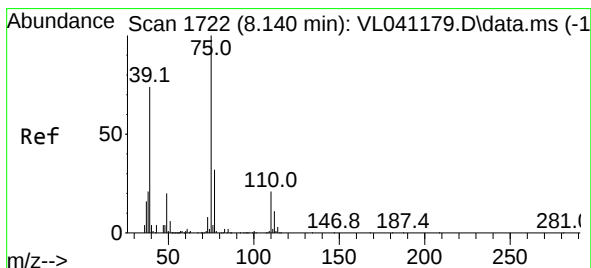
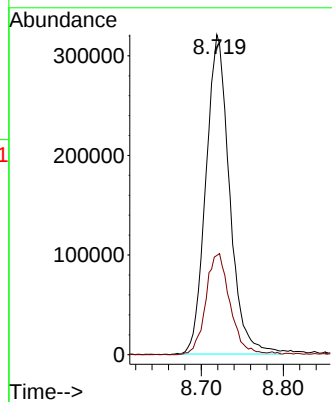
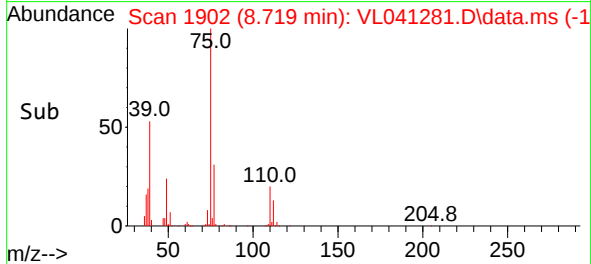
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



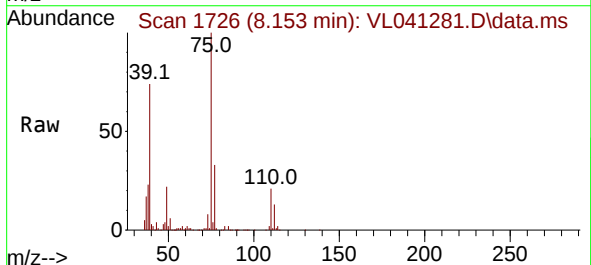
Tgt Ion: 75 Resp: 64113
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

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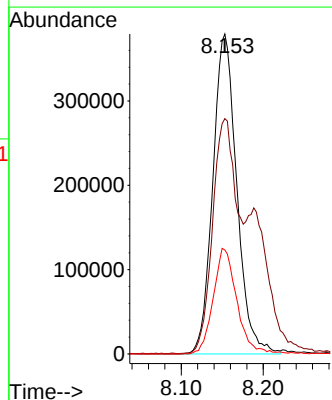
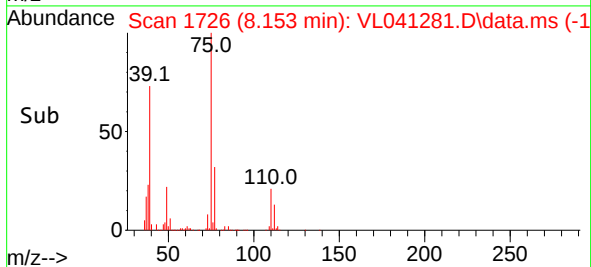
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

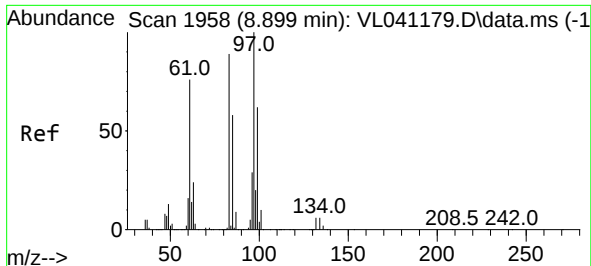


#46
cis-1,3-Dichloropropene
Concen: 10.688 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



Tgt Ion: 75 Resp: 770602
Ion Ratio Lower Upper
75 100
39 73.4 59.4 89.2
77 32.5 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 10.471 ppbv

RT: 8.909 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 97 Resp: 811633

Ion Ratio Lower Upper

97 100

83 90.5 71.2 106.8

85 58.9 46.0 69.0

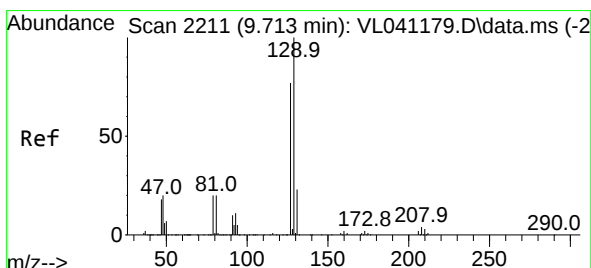
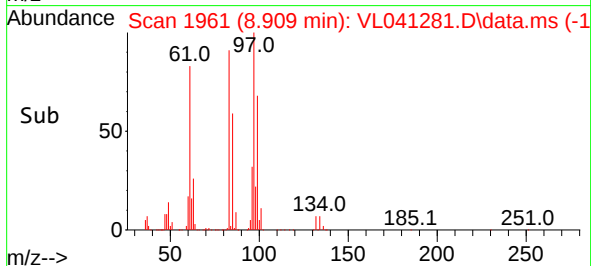
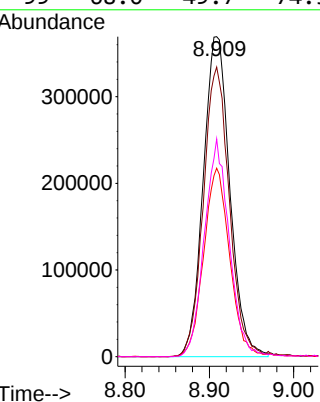
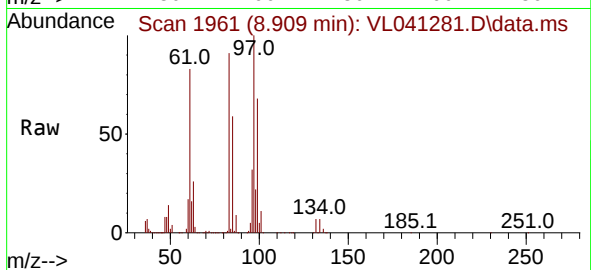
99 68.0 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#48

Dibromochloromethane

Concen: 11.318 ppbv

RT: 9.719 min Scan# 2213

Delta R.T. 0.000 min

Lab File: VL041281.D

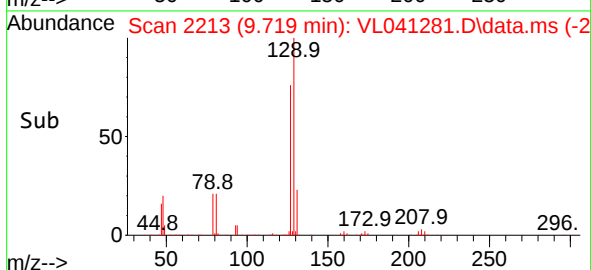
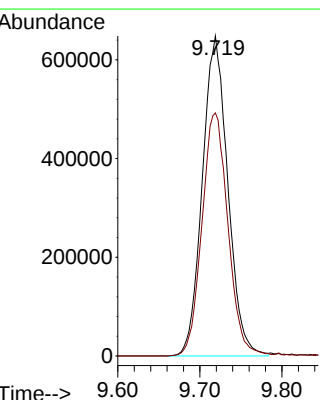
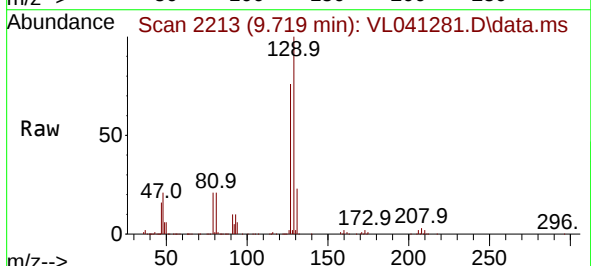
Acq: 24 May 2024 8:24

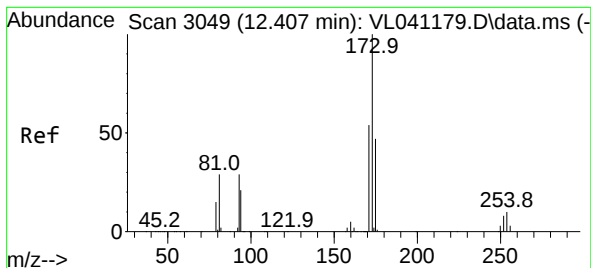
Tgt Ion:129 Resp: 1397833

Ion Ratio Lower Upper

129 100

127 78.4 39.1 117.5





#49

Bromoform

Concen: 11.008 ppbv

RT: 12.417 min Scan# 3049

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1156549

Ion Ratio Lower Upper

173 100

175 48.7 39.8 59.8

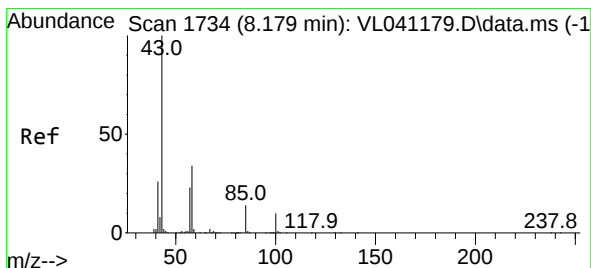
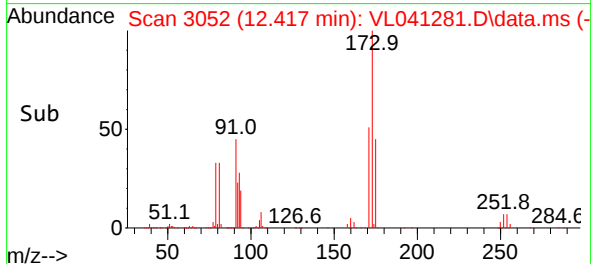
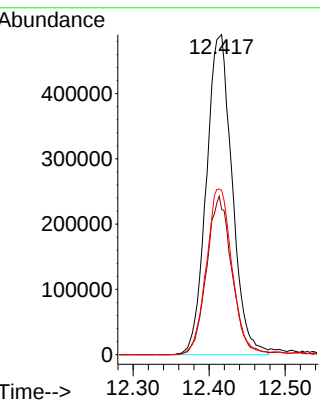
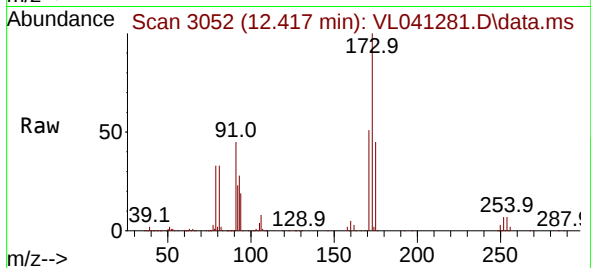
171 53.1 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#50

4-Methyl-2-Pentanone

Concen: 9.410 ppbv

RT: 8.188 min Scan# 1737

Delta R.T. 0.000 min

Lab File: VL041281.D

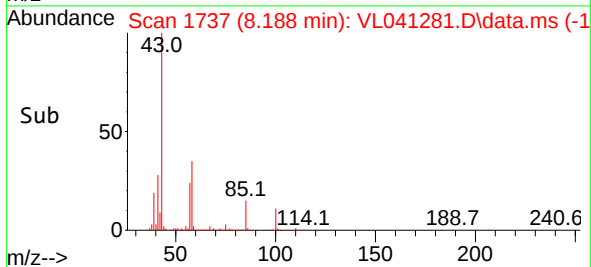
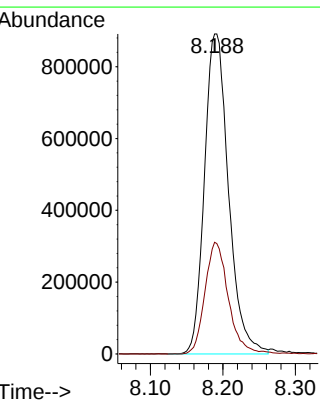
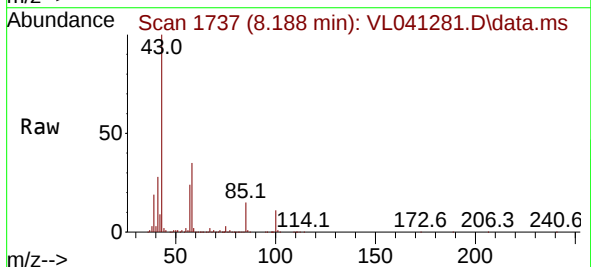
Acq: 24 May 2024 8:24

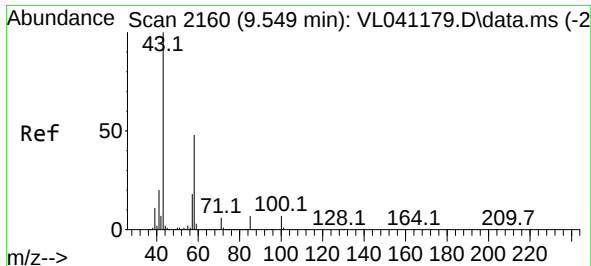
Tgt Ion: 43 Resp: 2058151

Ion Ratio Lower Upper

43 100

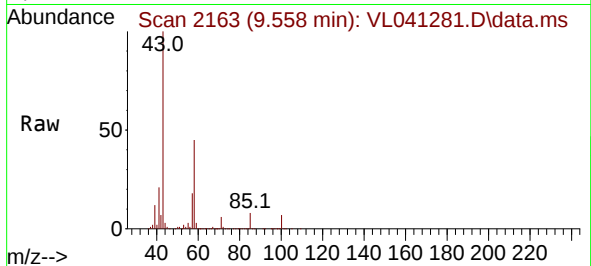
58 34.1 27.7 41.5





#51
2-Hexanone
Concen: 9.283 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

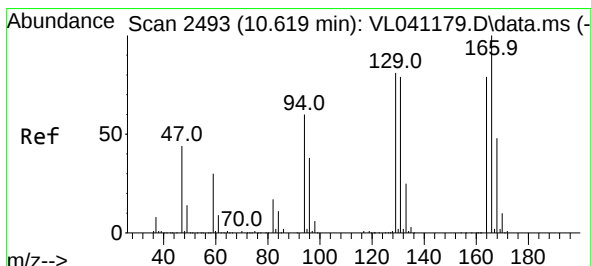
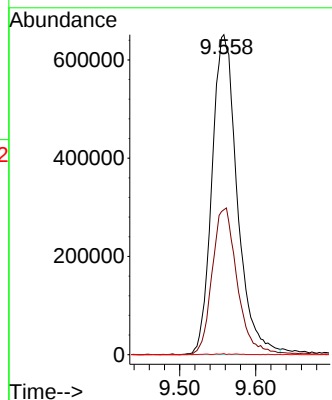
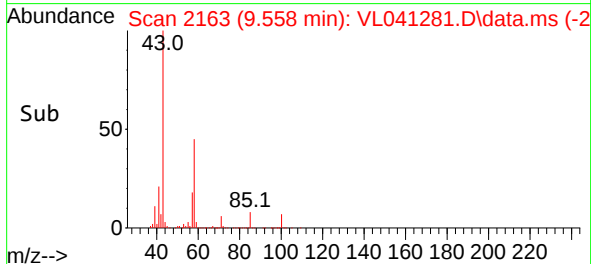
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1506000
Ion Ratio Lower Upper
43 100
58 45.8 38.4 57.6
98 0.3 0.0 0.0

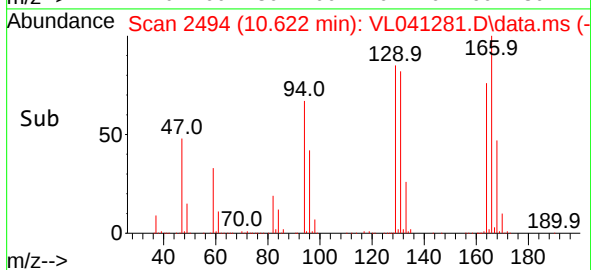
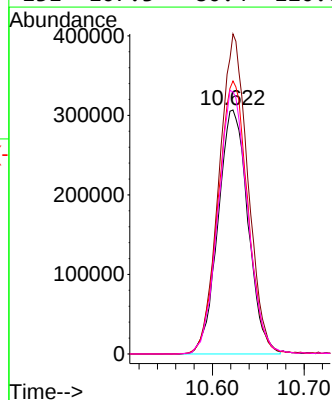
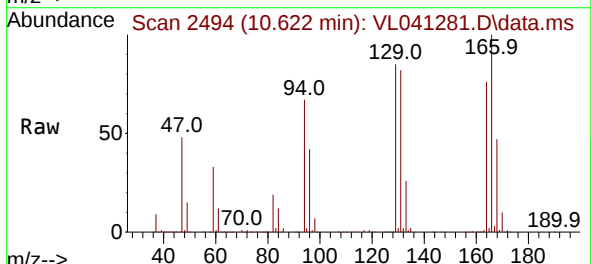
Manual Integrations
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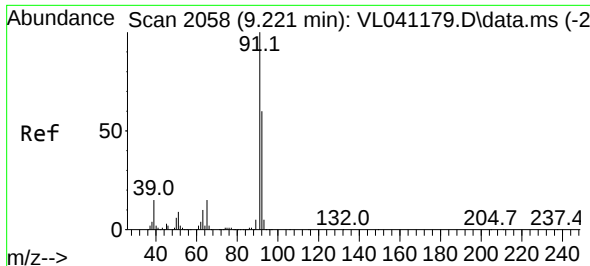
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#52
Tetrachloroethene
Concen: 9.814 ppbv
RT: 10.622 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Tgt Ion:164 Resp: 693142
Ion Ratio Lower Upper
164 100
166 131.2 101.1 151.7
129 111.7 81.7 122.5
131 107.3 80.4 120.6





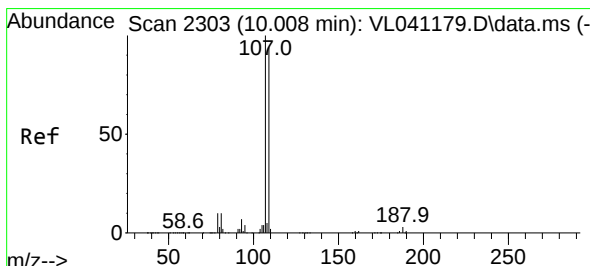
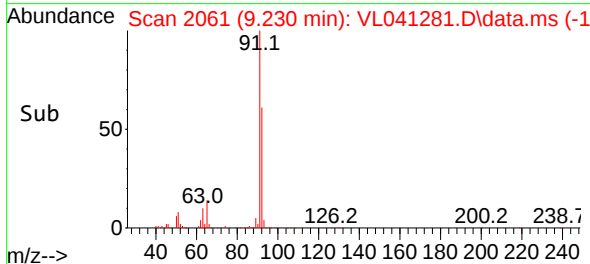
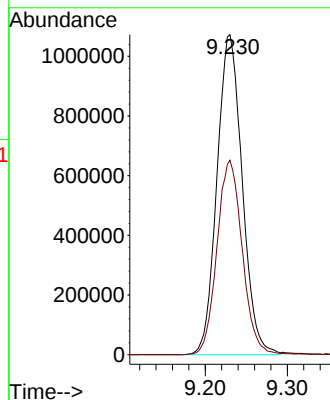
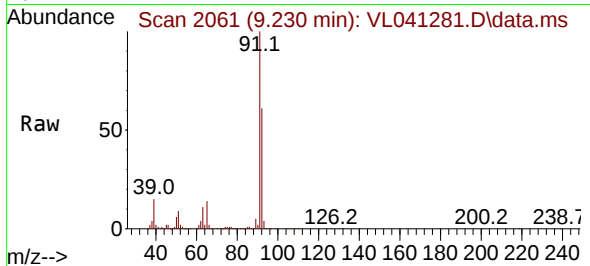
#53
Toluene
Concen: 9.854 ppbv
RT: 9.230 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 229588
Ion Ratio Lower Upper
91 100
92 61.1 48.2 72.4

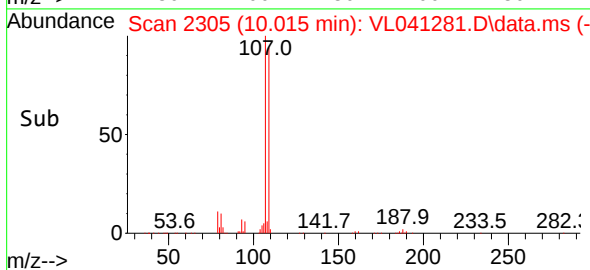
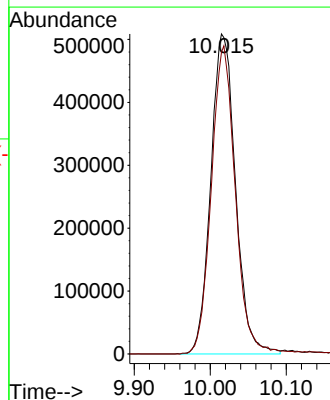
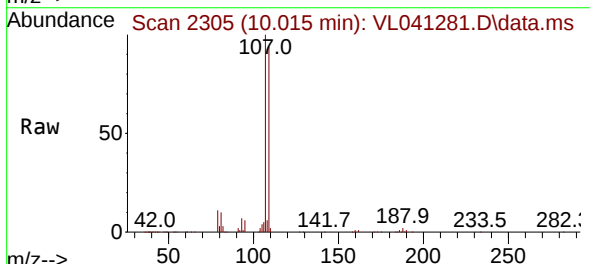
Manual Integrations
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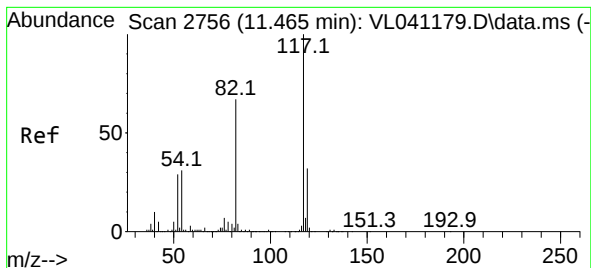
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#54
1,2-Dibromoethane
Concen: 10.942 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

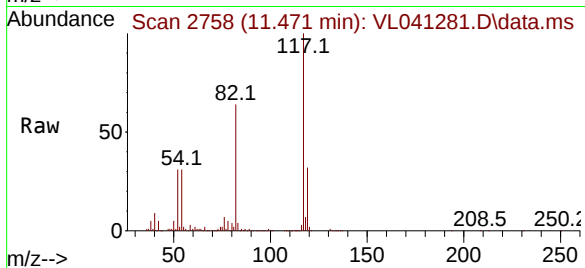
Tgt Ion:107 Resp: 1148780
Ion Ratio Lower Upper
107 100
109 94.3 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

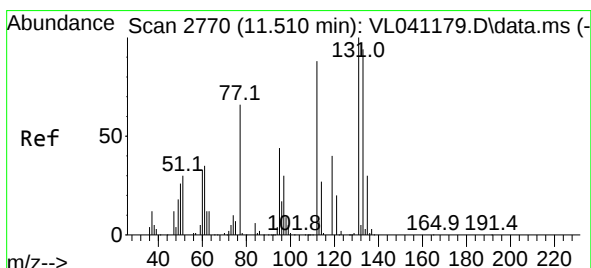
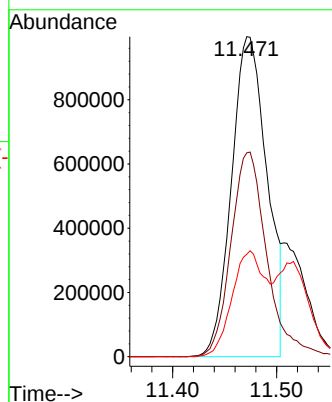
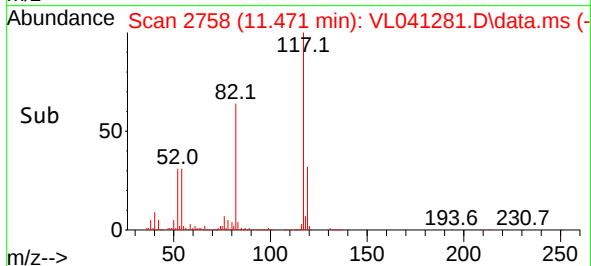
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



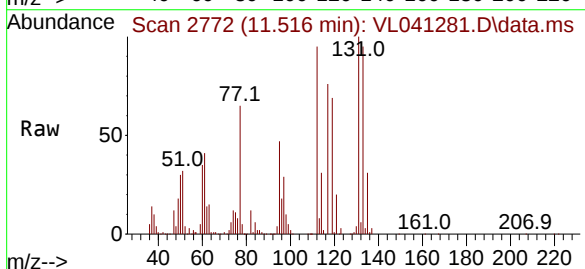
Tgt Ion:117 Resp: 2370924
Ion Ratio Lower Upper
117 100
82 65.5 53.6 80.4
119 29.0 27.2 40.8

Manual Integrations
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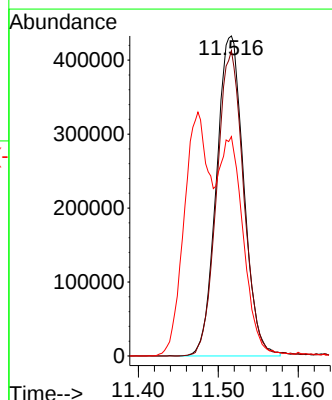
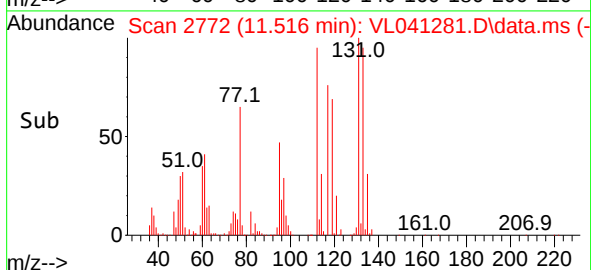
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

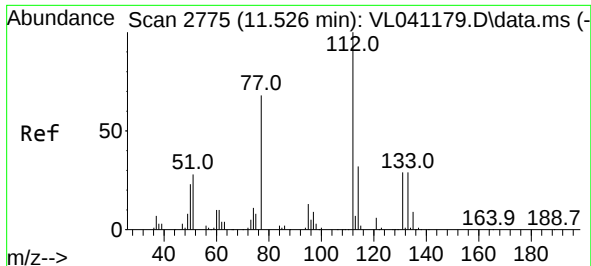


#56
1,1,1,2-Tetrachloroethane
Concen: 10.647 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



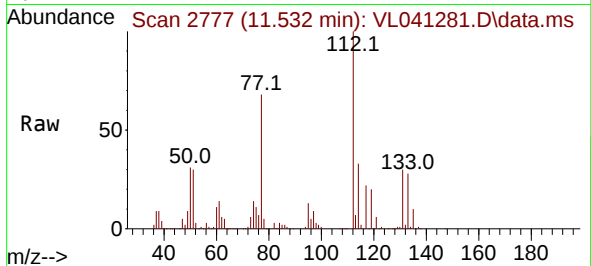
Tgt Ion:131 Resp: 1023554
Ion Ratio Lower Upper
131 100
133 94.8 76.3 114.5
119 61.2 49.4 74.2





#57
Chlorobenzene
Concen: 9.966 ppbv
RT: 11.532 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

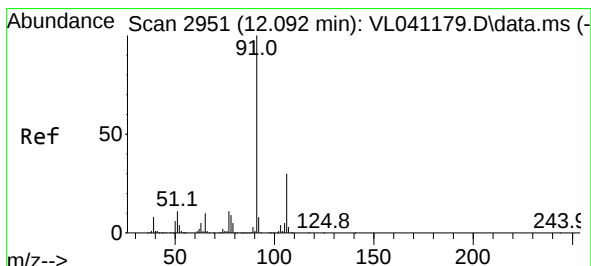
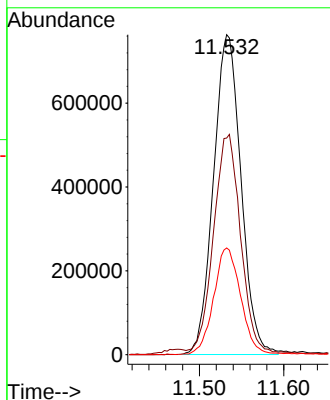
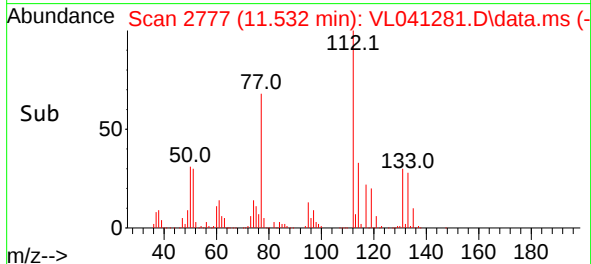
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



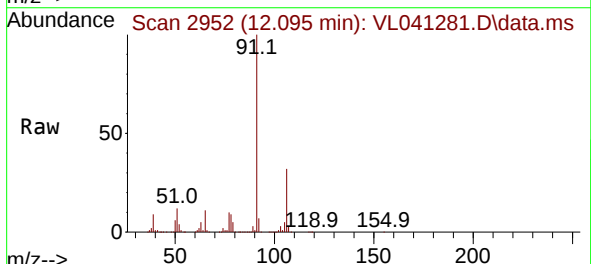
Tgt Ion: 112 Resp: 1730509
Ion Ratio Lower Upper
112 100
77 66.9 54.9 82.3
114 33.3 28.7 35.1

Manual Integrations
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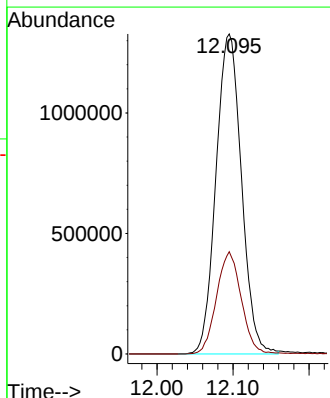
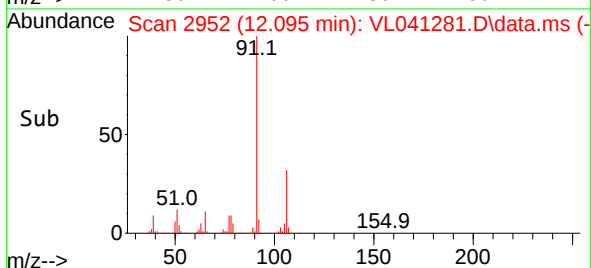
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

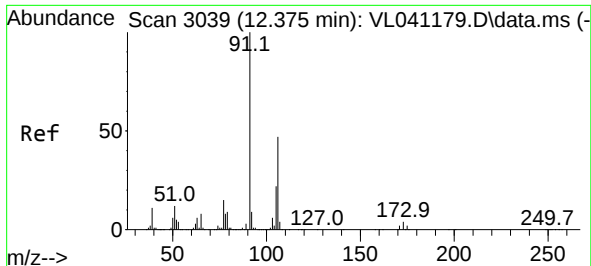


#58
Ethyl Benzene
Concen: 9.491 ppbv
RT: 12.095 min Scan# 2952
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



Tgt Ion: 91 Resp: 3085515
Ion Ratio Lower Upper
91 100
106 32.0 24.3 36.5





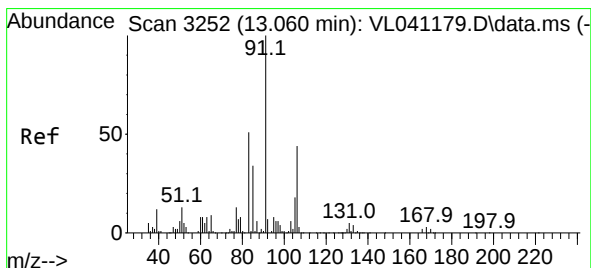
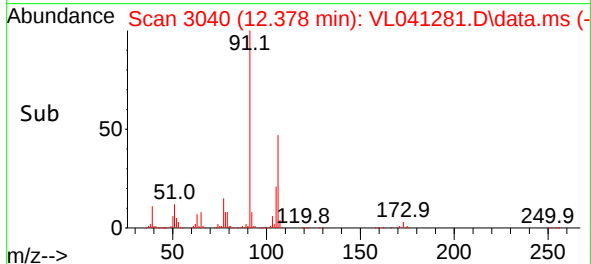
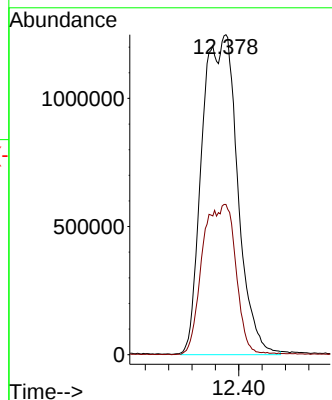
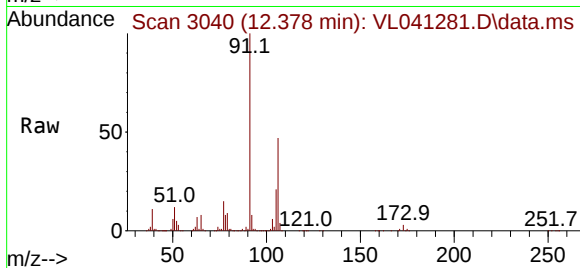
#59
m/p-Xylene
Concen: 19.231 ppbv m
RT: 12.378 min Scan# 3039
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 525454
Ion Ratio Lower Upper
91 100
106 44.4 35.7 53.5

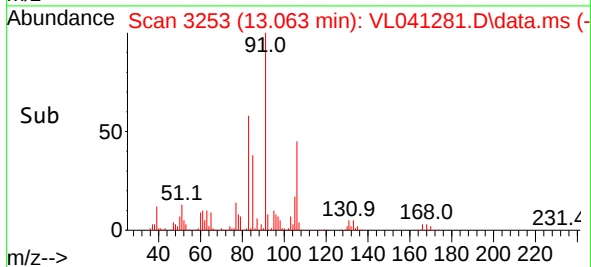
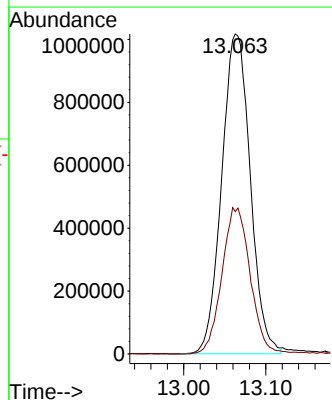
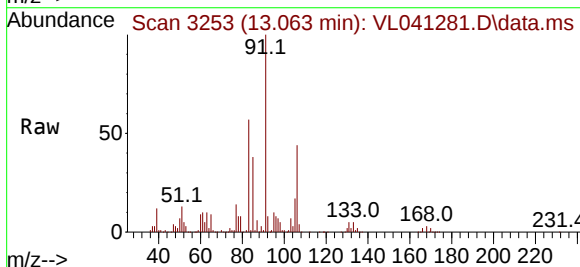
Manual Integrations
APPROVED

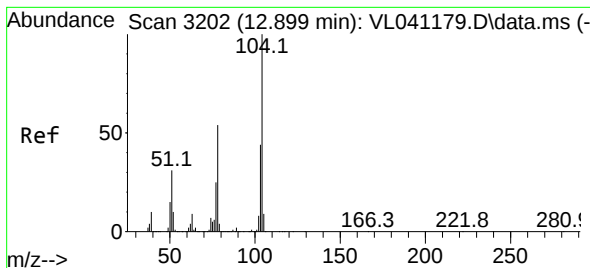
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#60
o-Xylene
Concen: 9.612 ppbv
RT: 13.063 min Scan# 3253
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Tgt Ion: 91 Resp: 2461823
Ion Ratio Lower Upper
91 100
106 45.5 22.4 67.3





#61

Styrene

Concen: 9.962 ppbv

RT: 12.902 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041281.D

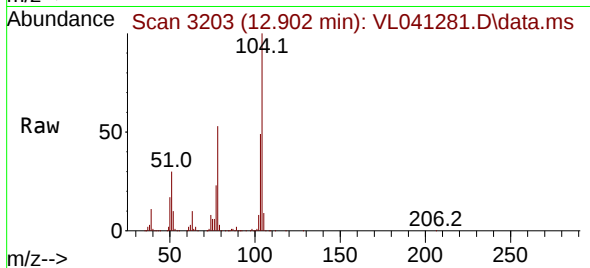
Acq: 24 May 2024 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:104 Resp: 1347872

Ion Ratio Lower Upper

104 100

78 52.1 42.6 63.8

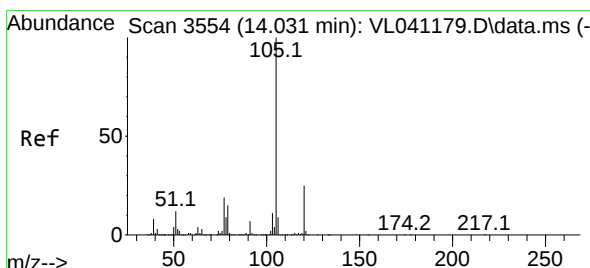
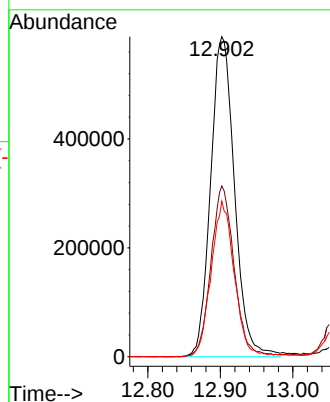
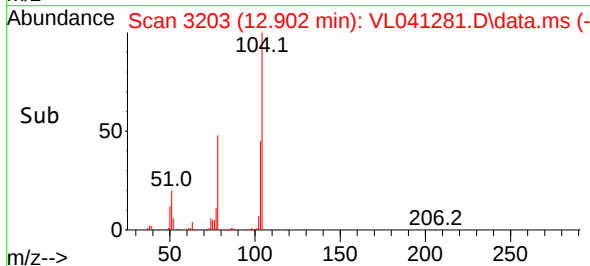
103 47.3 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#62

Isopropylbenzene

Concen: 9.712 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.000 min

Lab File: VL041281.D

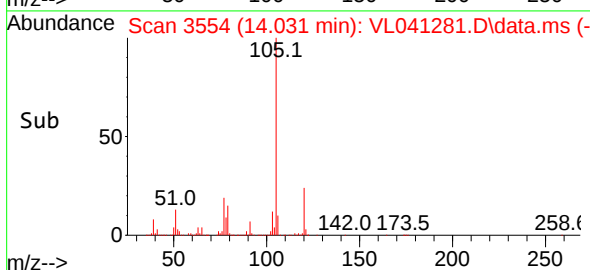
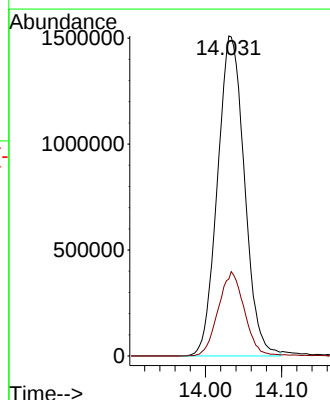
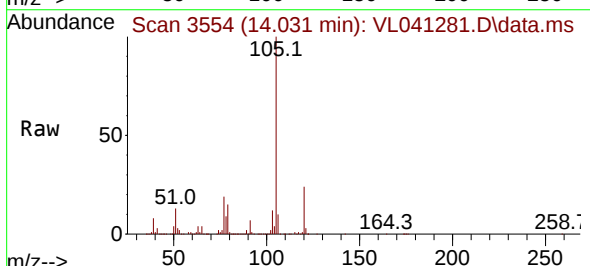
Acq: 24 May 2024 8:24

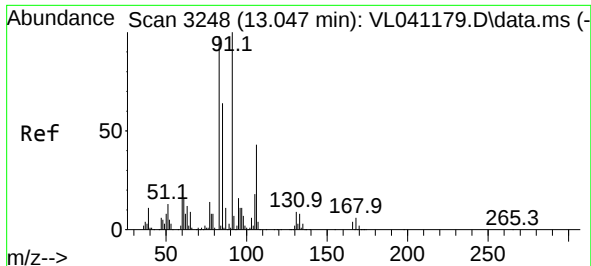
Tgt Ion:105 Resp: 3720804

Ion Ratio Lower Upper

105 100

120 25.7 20.2 30.2





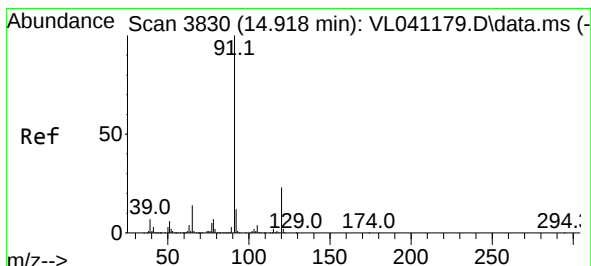
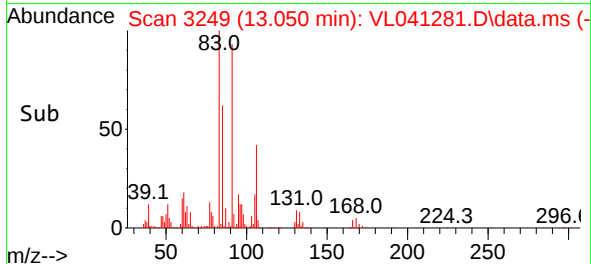
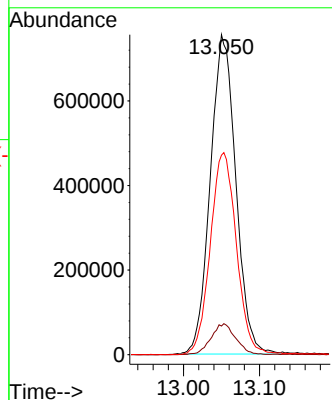
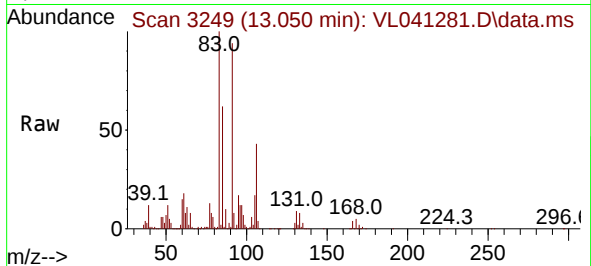
#63
1,1,2,2-Tetrachloroethane
Concen: 10.070 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1758050
Ion Ratio Lower Upper
83 100
131 9.6 4.5 13.5
85 65.7 32.7 98.1

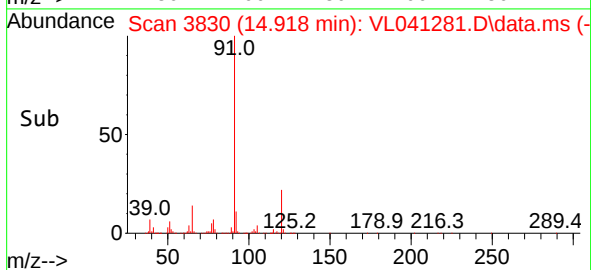
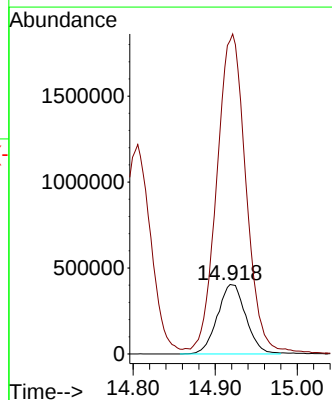
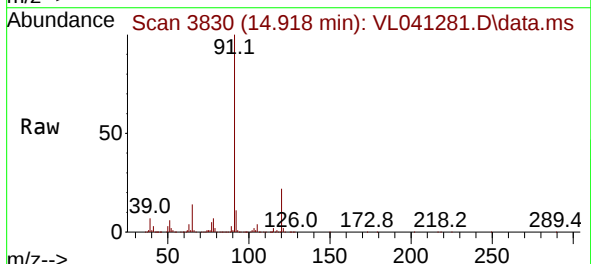
Manual Integrations
APPROVED

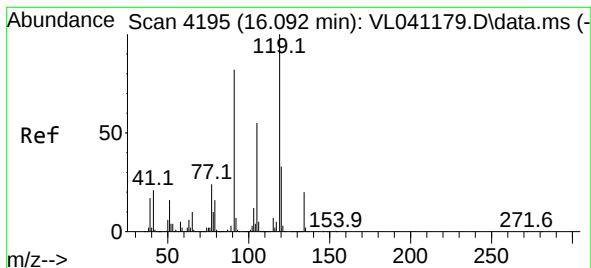
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#64
n-propylbenzene
Concen: 10.175 ppbv
RT: 14.918 min Scan# 3830
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

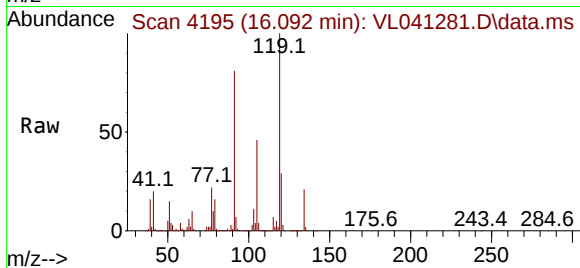
Tgt Ion:120 Resp: 972526
Ion Ratio Lower Upper
120 100
91 476.6 384.8 577.2





#65
tert-Butylbenzene
Concen: 9.500 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

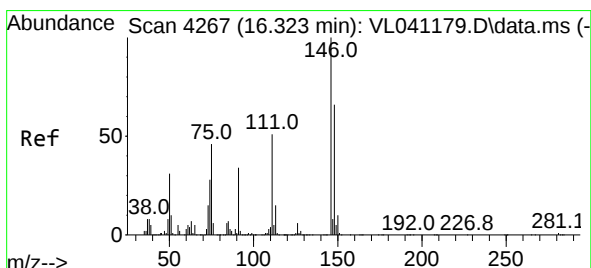
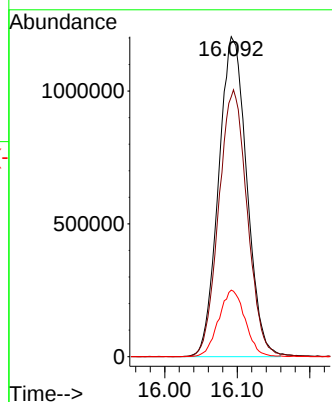
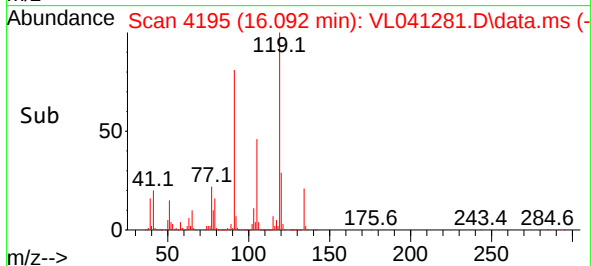
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



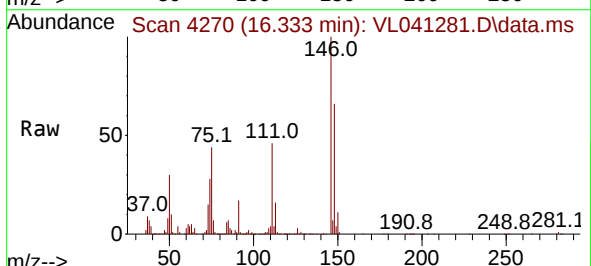
Tgt Ion: 119 Resp: 3259740
Ion Ratio Lower Upper
119 100
91 84.2 67.0 100.4
134 19.7 15.2 22.8

Manual Integrations
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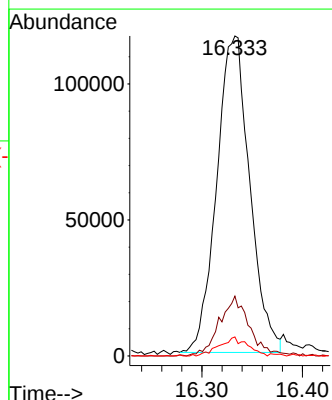
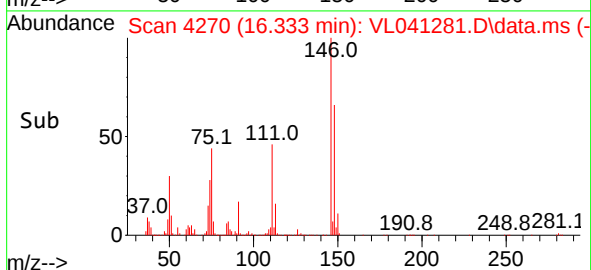
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

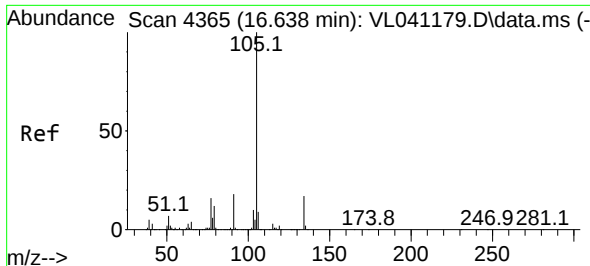


#66
Benzyl Chloride
Concen: 6.848 ppbv
RT: 16.333 min Scan# 4270
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



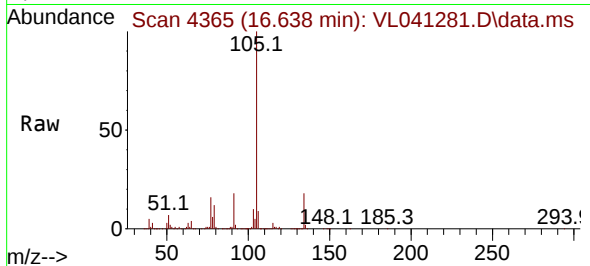
Tgt Ion: 91 Resp: 266006
Ion Ratio Lower Upper
91 100
126 17.3 14.6 21.8
128 5.3 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 9.575 ppbv
 RT: 16.638 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041281.D
 Acq: 24 May 2024 8:24

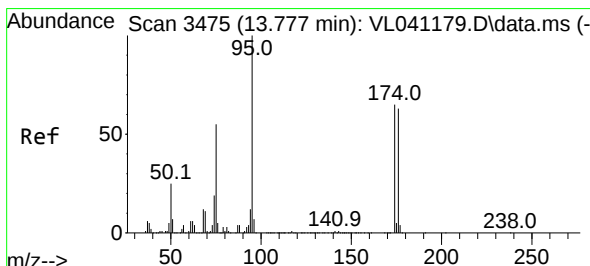
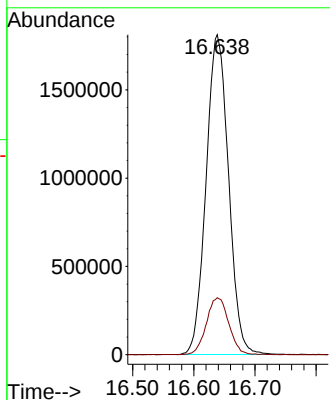
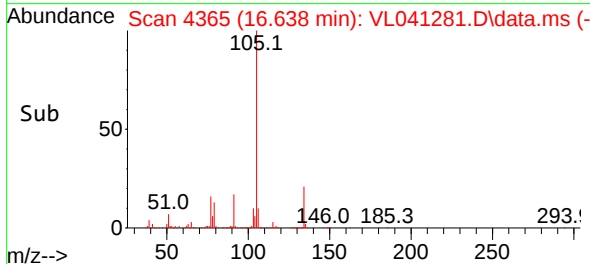
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



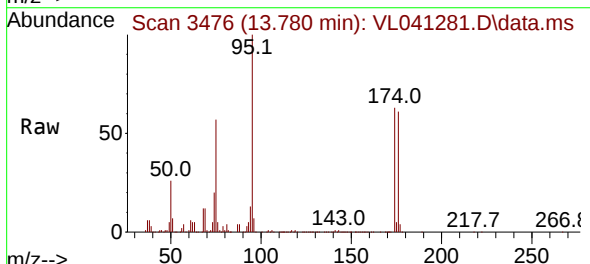
Tgt Ion: 105 Resp: 462508
 Ion Ratio Lower Upper
 105 100
 134 17.8 13.8 20.8

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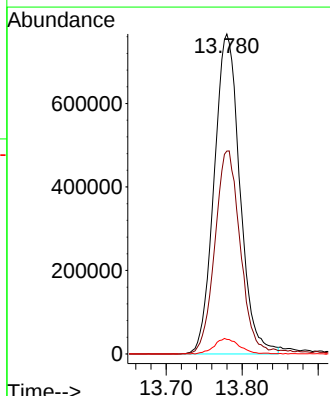
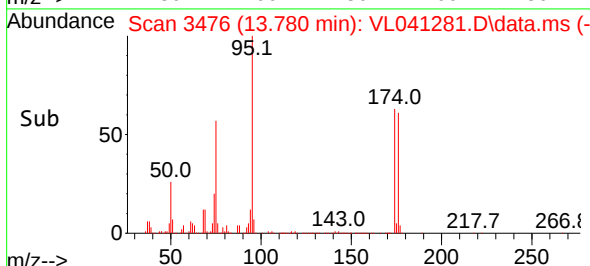
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

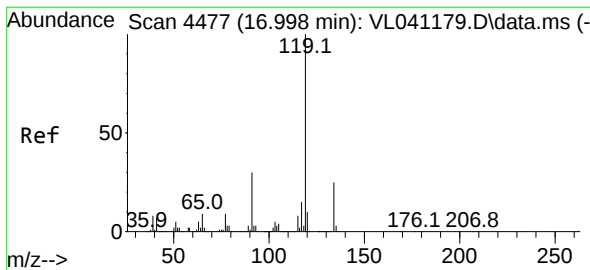


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.082 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VL041281.D
 Acq: 24 May 2024 8:24



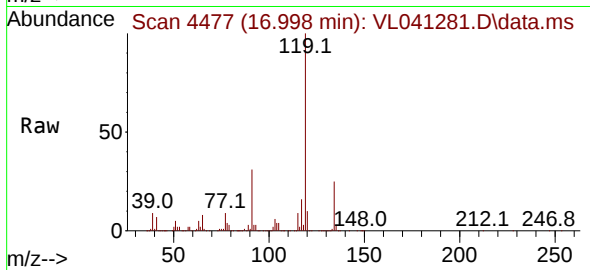
Tgt Ion: 95 Resp: 1804610
 Ion Ratio Lower Upper
 95 100
 174 64.2 53.6 80.4
 175 4.8 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.695 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

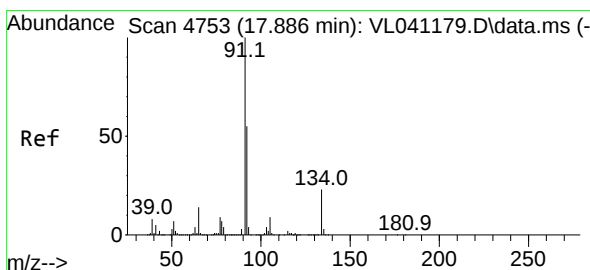
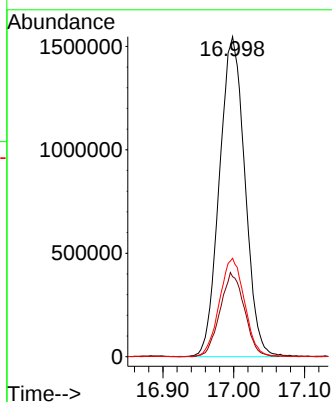
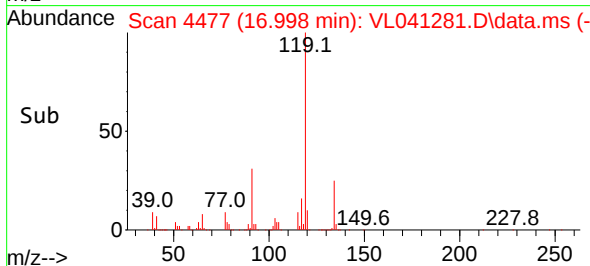
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



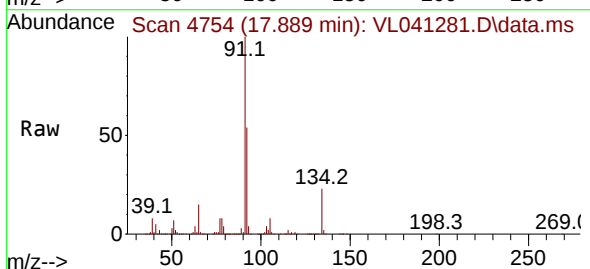
Tgt Ion: 119 Resp: 385912
Ion Ratio Lower Upper
119 100
134 25.3 20.1 30.1
91 30.5 24.2 36.2

Manual Integrations
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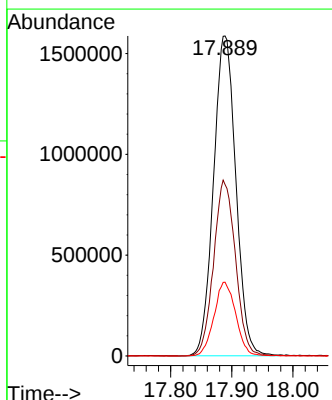
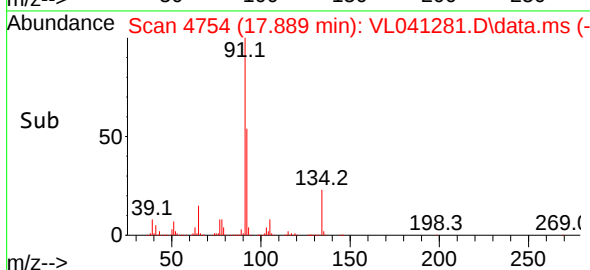
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

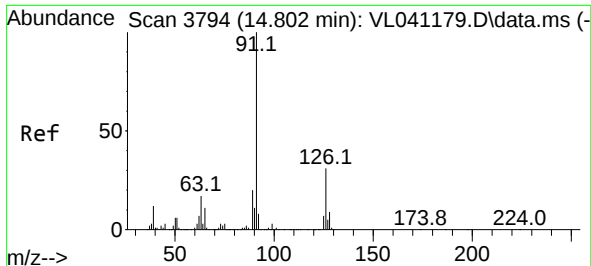


#70
n-Butylbenzene
Concen: 9.707 ppbv
RT: 17.889 min Scan# 4754
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



Tgt Ion: 91 Resp: 4035366
Ion Ratio Lower Upper
91 100
92 53.8 43.3 64.9
134 22.5 17.8 26.8





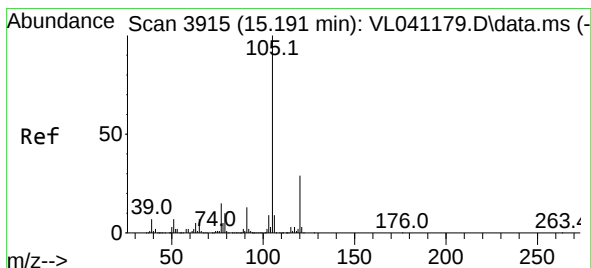
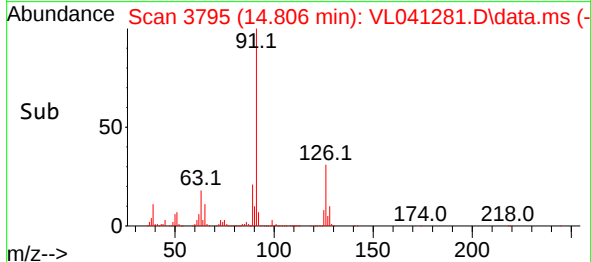
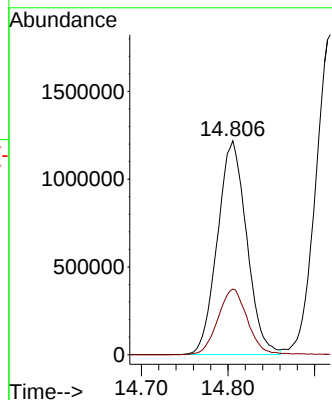
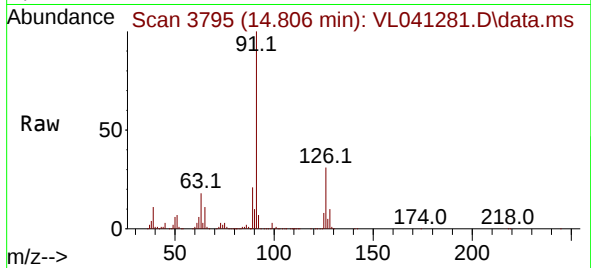
#71
2-Chlorotoluene
Concen: 9.790 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 285562
Ion Ratio Lower Upper
91 100
126 31.5 12.2 48.8

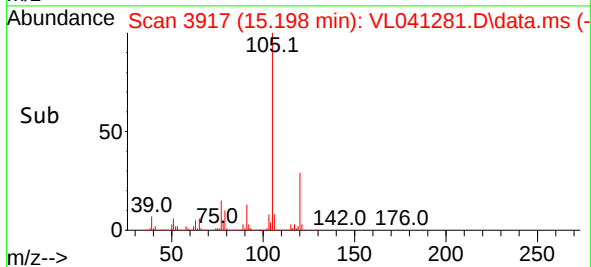
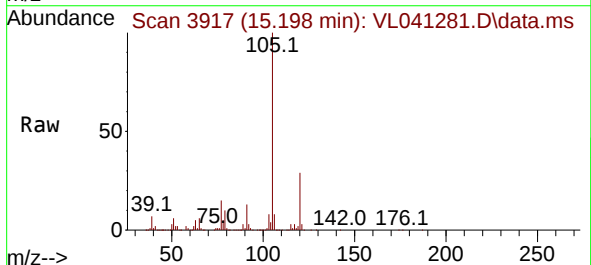
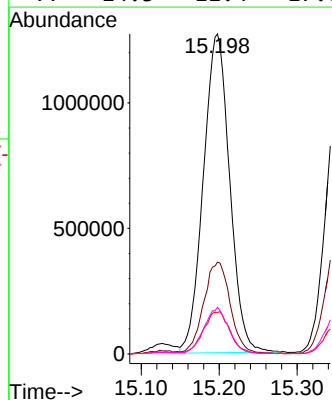
Manual Integrations
APPROVED

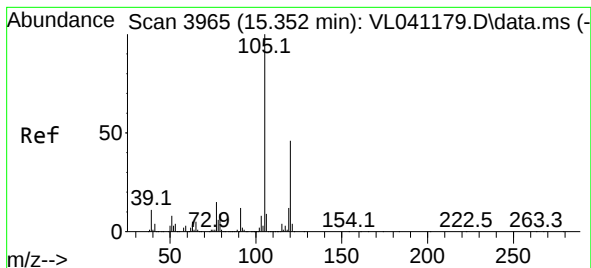
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#72
4-Ethyltoluene
Concen: 10.277 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Tgt Ion:105 Resp: 2981300
Ion Ratio Lower Upper
105 100
120 29.5 24.7 37.1
91 13.3 10.3 15.5
77 14.3 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 9.771 ppbv

RT: 15.355 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 2564714

Ion Ratio Lower Upper

105 100

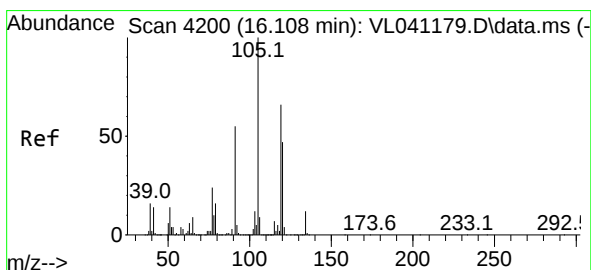
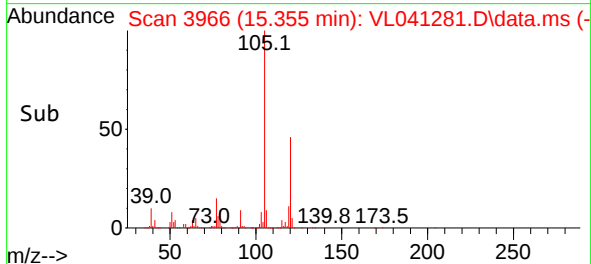
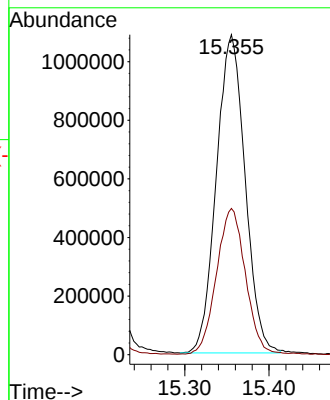
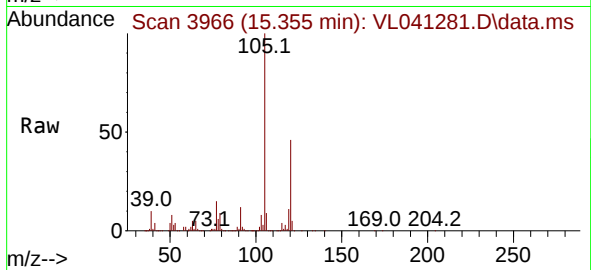
120 45.7 37.0 55.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.854 ppbv

RT: 16.111 min Scan# 4201

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Tgt Ion:105 Resp: 2824833

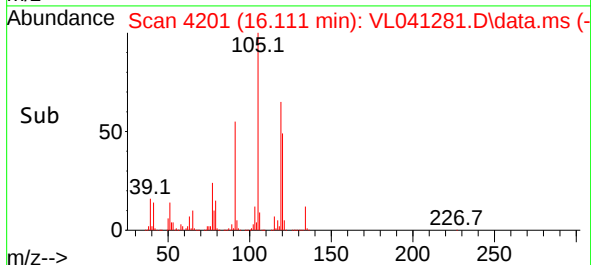
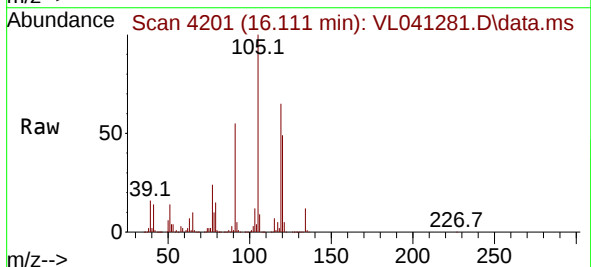
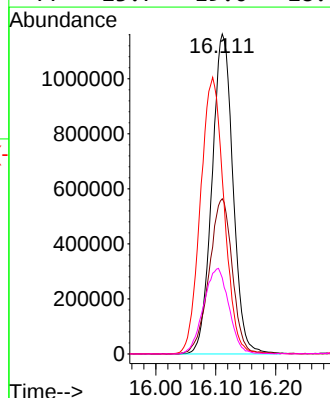
Ion Ratio Lower Upper

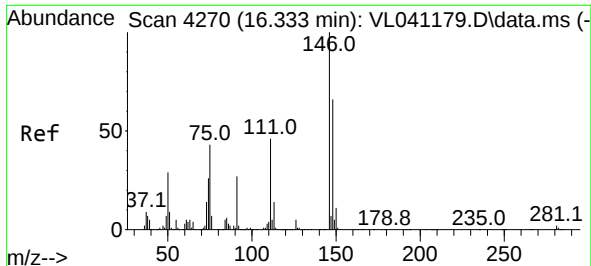
105 100

120 48.4 37.8 56.6

91 54.8 44.3 66.5

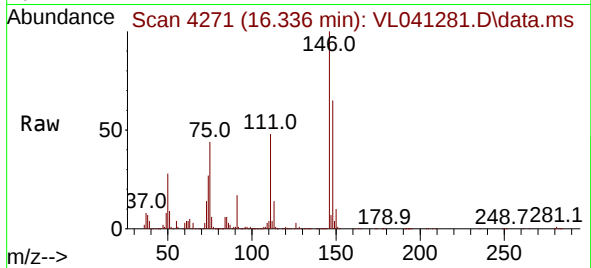
77 23.7 19.0 28.4





#75
1,3-Dichlorobenzene
Concen: 10.183 ppbv
RT: 16.336 min Scan# 4315
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

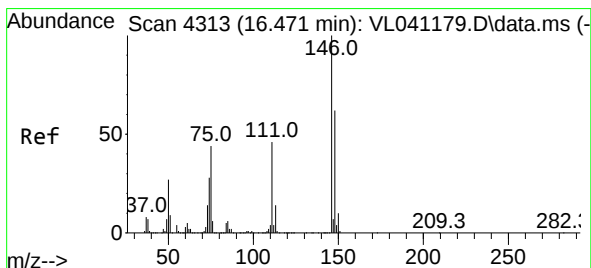
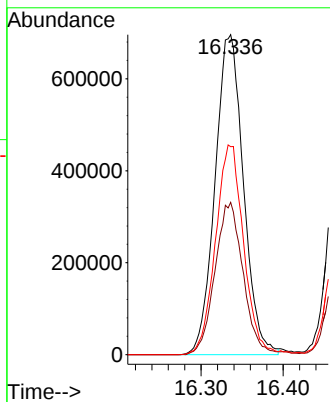
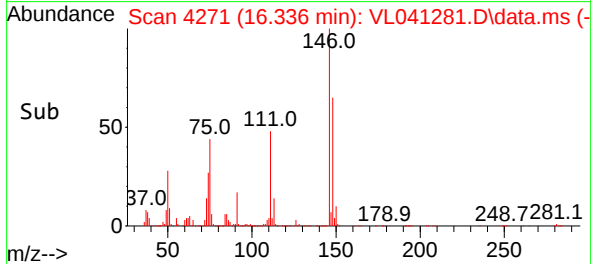
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



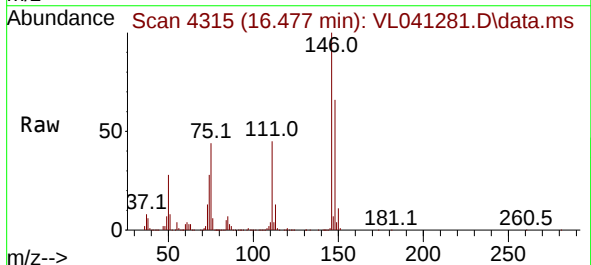
Tgt Ion:146 Resp: 167383
Ion Ratio Lower Upper
146 100
111 47.5 23.7 71.1
148 65.2 32.5 97.4

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APPROVED

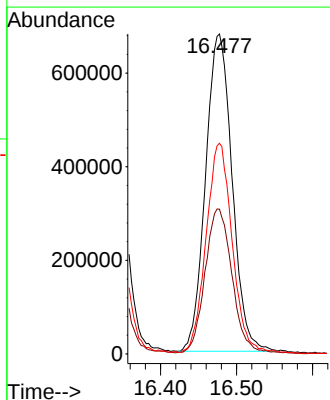
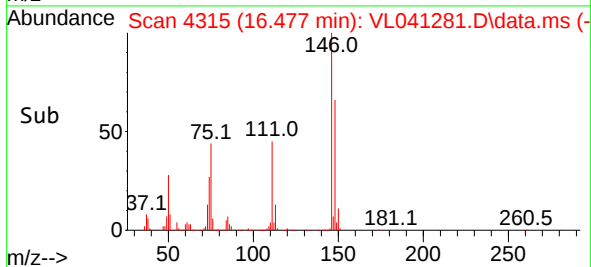
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

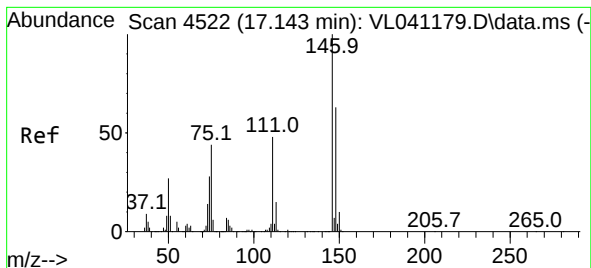


#76
1,4-Dichlorobenzene
Concen: 10.411 ppbv
RT: 16.477 min Scan# 4315
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



Tgt Ion:146 Resp: 1645785
Ion Ratio Lower Upper
146 100
111 46.7 23.3 69.8
148 66.3 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 9.839 ppbv

RT: 17.146 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 1616754

Ion Ratio Lower Upper

146 100

111 49.6 24.5 73.5

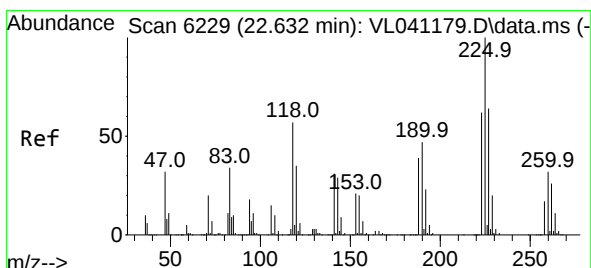
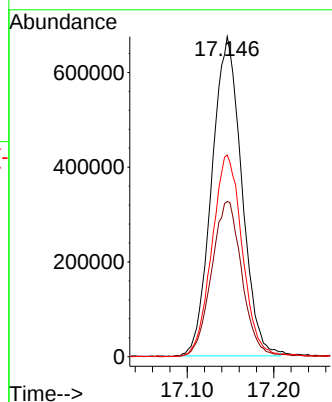
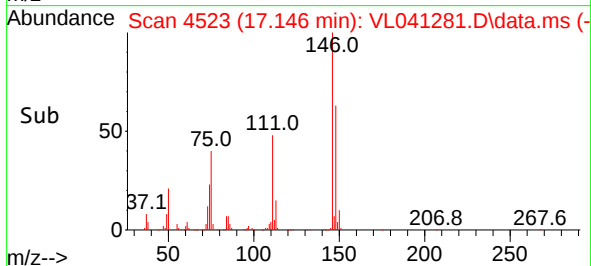
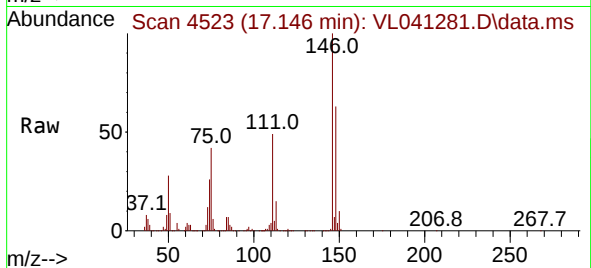
148 64.5 32.6 98.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.829 ppbv

RT: 22.635 min Scan# 6230

Delta R.T. 0.000 min

Lab File: VL041281.D

Acq: 24 May 2024 8:24

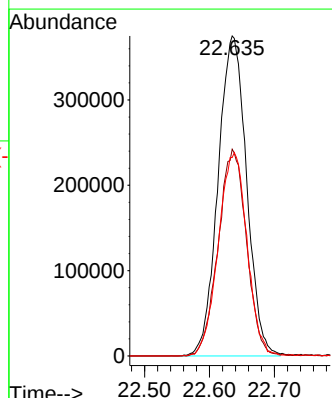
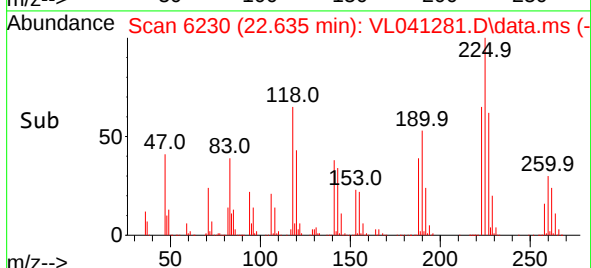
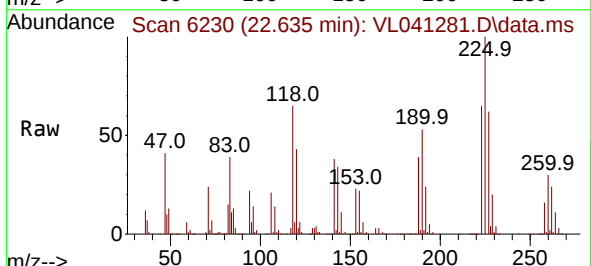
Tgt Ion:225 Resp: 1143318

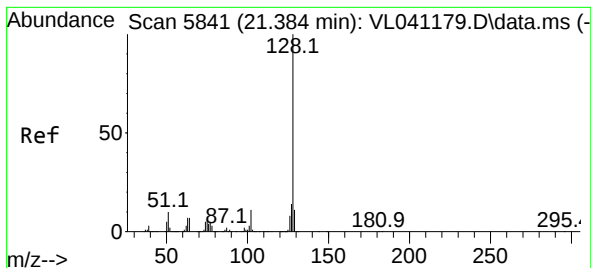
Ion Ratio Lower Upper

225 100

223 64.2 50.9 76.3

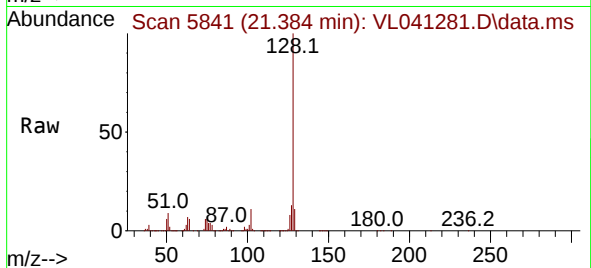
227 64.2 52.0 78.0





#79
Naphthalene
Concen: 10.238 ppbv
RT: 21.384 min Scan# 5841
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

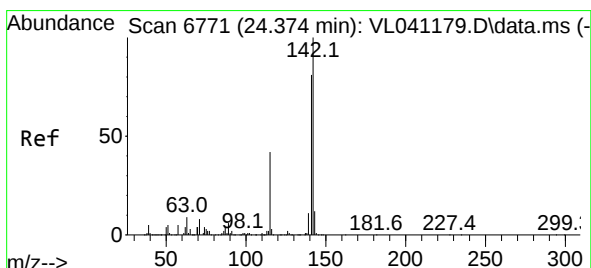
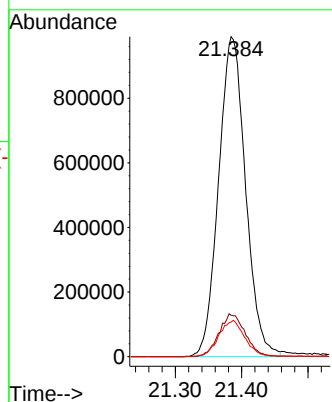
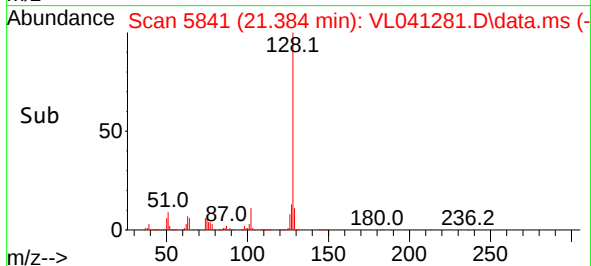
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



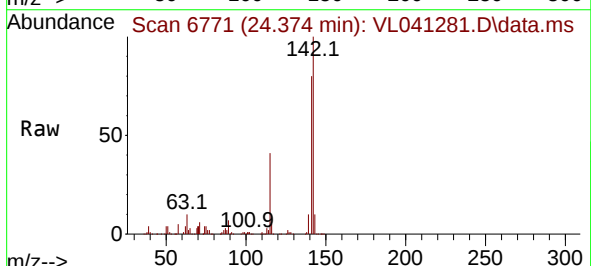
Tgt Ion:128 Resp: 2794762
Ion Ratio Lower Upper
128 100
127 13.0 10.8 16.2
129 10.8 8.9 13.3

Manual Integrations
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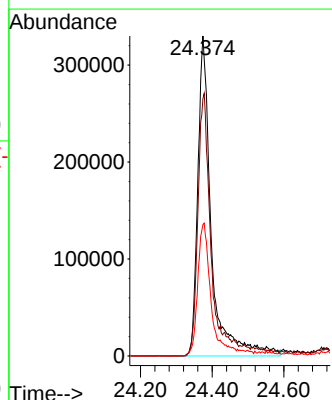
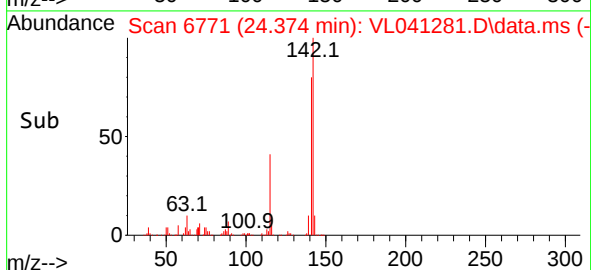
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

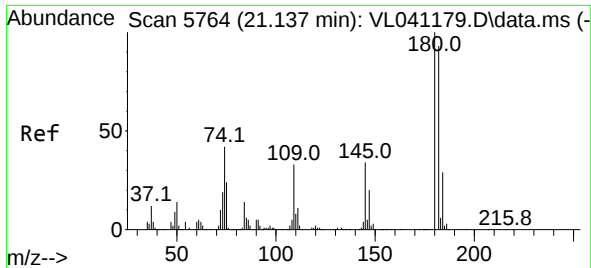


#80
Naphthalene,2-methyl-
Concen: 7.927 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24



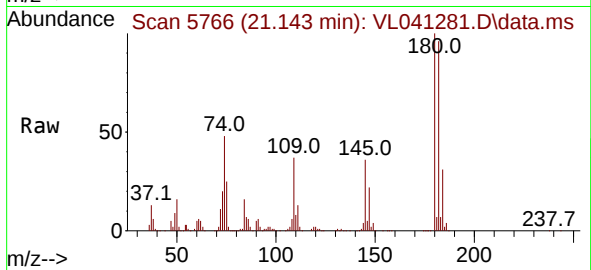
Tgt Ion:142 Resp: 870591
Ion Ratio Lower Upper
142 100
141 83.4 67.9 101.9
115 41.9 31.4 47.0





#81
1,2,4-Trichlorobenzene
Concen: 9.220 ppbv
RT: 21.143 min Scan# 51
Delta R.T. 0.000 min
Lab File: VL041281.D
Acq: 24 May 2024 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:180 Resp: 1328992
Ion Ratio Lower Upper
180 100
182 97.8 77.2 115.8
184 31.2 24.6 36.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

