

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052424\
 Data File : VL041283.D
 Acq On : 24 May 2024 9:43
 Operator : SY/MD
 Sample : VL0524ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0524ABS01

Manual Integrations
 APPROVED

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

Quant Time: May 24 23:18:13 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	877904	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2345995	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2358966	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.780 95 1771628 9.948 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.755	85	1126869	9.489	ppbv	99
3) Chlorodifluoromethane	2.700	51	1434631	10.760	ppbv	98
4) Chloromethane	2.838	50	548771	10.489	ppbv	94
5) Vinyl Chloride	2.944	62	573357	10.909	ppbv	100
6) Bromomethane	3.144	94	206296	10.758	ppbv	92
7) Chloroethane	3.218	64	196240	10.575	ppbv	98
8) Dichlorotetrafluoroethane	2.880	85	1335775	10.868	ppbv	98
9) Propene	2.719	41	516039	9.890	ppbv	99
10) Heptane	7.587	43	1246373	9.859	ppbv	98
11) Trichlorofluoromethane	3.584	101	1393932	11.550	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.083	101	954128	10.691	ppbv	100
13) Ethanol	3.266	45	110838	9.476	ppbv	99
14) Bromoethene	3.388	108	396629	10.769	ppbv	98
15) Acetone	3.488	43	1060308	10.234	ppbv	97
16) 1,3-Butadiene	3.009	39	567666	10.854	ppbv	97
17) tert-Butyl alcohol	3.896	59	1040182	9.307	ppbv	100
18) 1,1-Dichloroethene	3.899	96	431238	10.837	ppbv	96
19) Isopropyl Alcohol	3.594	45	697883	10.265	ppbv #	44
20) Methylene Chloride	3.951	84	382144	10.606	ppbv	92
21) Allyl Chloride	4.015	41	698687	10.342	ppbv	96
22) trans-1,2-Dichloroethene	4.462	96	458306	11.075	ppbv	98
23) Vinyl Acetate	4.642	43	1172639	10.278	ppbv	99
24) 1,1-Dichloroethane	4.581	63	965682	10.885	ppbv	98
25) Ethyl Acetate	5.218	43	2115973	10.232	ppbv	100
26) Hexane	5.227	57	933359	10.114	ppbv	98
27) Carbon Disulfide	4.144	76	1143207	10.465	ppbv	96
28) Methyl tert-Butyl Ether	4.603	73	691663	9.413	ppbv	98
29) Chloroform	5.292	83	1451890	11.404	ppbv	96
30) Cyclohexane	6.613	84	771346	10.559	ppbv	98
31) cis-1,2-Dichloroethene	5.095	61	915229	10.593	ppbv	93
32) 1,1,1-Trichloroethane	6.018	97	1445101	11.376	ppbv	99
34) 2-Butanone	4.803	43	1271464	10.648	ppbv	99
35) Carbon Tetrachloride	6.507	117	1502727	11.414	ppbv	98
36) Benzene	6.385	78	1947384	9.892	ppbv	99
37) 1,2-Dichloroethane	5.819	62	1143507	11.132	ppbv	99
38) Trichloroethene	7.304	130	747500	10.189	ppbv	97
39) 1,2-Dichloropropane	7.086	63	753408	9.930	ppbv	97
40) 1,4-Dioxane	7.295	88	245124	9.043	ppbv	71
41) Tetrahydrofuran	5.568	42	807965	9.347	ppbv	100
42) Bromodichloromethane	7.259	83	1638487	11.122	ppbv	99
43) Methyl Methacrylate	7.484	69	786396	9.876	ppbv	98
44) 2,2,4-Trimethylpentane	7.336	57	3278311	9.658	ppbv	100
45) t-1,3-Dichloropropene	8.722	75	644827	11.175	ppbv	96

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Manual Integrations
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Quant Time: May 24 23:18:13 2024

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

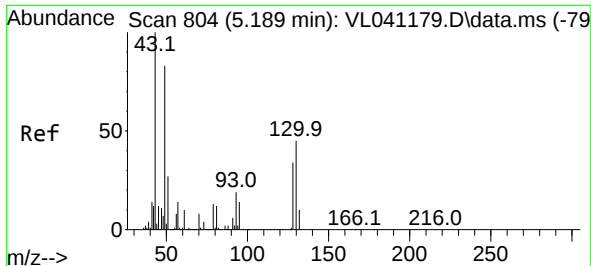
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

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

Response via : Initial Calibration

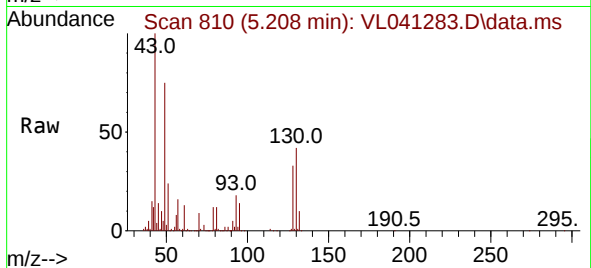
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.156	75	766755	10.854	ppbv	95
47) 1,1,2-Trichloroethane	8.906	97	809297	10.657	ppbv	100
48) Dibromochloromethane	9.716	129	1379991	11.405	ppbv	100
49) Bromoform	12.413	173	1136016	11.036	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2043164	9.535	ppbv	100
51) 2-Hexanone	9.558	43	1478223	9.300	ppbv #	98
52) Tetrachloroethene	10.623	164	691778	9.997	ppbv	96
53) Toluene	9.230	91	2279050	9.984	ppbv	99
54) 1,2-Dibromoethane	10.018	107	1129077	10.977	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.516	131	1001663	10.472	ppbv	94
57) Chlorobenzene	11.536	112	1713457	9.918	ppbv	96
58) Ethyl Benzene	12.092	91	3072478	9.499	ppbv	99
59) m/p-Xylene	12.375	91	5218734m	19.197	ppbv	
60) o-Xylene	13.066	91	2450430	9.616	ppbv	99
61) Styrene	12.902	104	1327295	9.860	ppbv	99
62) Isopropylbenzene	14.034	105	3646408	9.566	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.053	83	1732653	9.975	ppbv	100
64) n-propylbenzene	14.921	120	963717	10.134	ppbv	99
65) tert-Butylbenzene	16.092	119	3241956	9.496	ppbv	100
66) Benzyl Chloride	16.336	91	259246	6.708	ppbv	99
67) sec-Butylbenzene	16.642	105	4616966	9.607	ppbv	99
69) p-Isopropyltoluene	16.998	119	3846656	9.713	ppbv	100
70) n-Butylbenzene	17.886	91	4006264	9.686	ppbv	99
71) 2-Chlorotoluene	14.806	91	2816622	9.705	ppbv	98
72) 4-Ethyltoluene	15.198	105	2926711	10.140	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	2573014	9.852	ppbv	99
74) 1,2,4-Trimethylbenzene	16.111	105	2808771	9.847	ppbv	96
75) 1,3-Dichlorobenzene	16.336	146	1668807	10.203	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	1657703	10.539	ppbv	99
77) 1,2-Dichlorobenzene	17.150	146	1632589	9.986	ppbv	99
78) Hexachloro-1,3-Butadiene	22.635	225	1159259	7.978	ppbv	98
79) Naphthalene	21.387	128	2769995	10.198	ppbv	99
80) Naphthalene,2-methyl-	24.378	142	811776	7.429	ppbv	100
81) 1,2,4-Trichlorobenzene	21.143	180	1344019	9.371	ppbv	100

(#) = 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: VL041283.D
Acq: 24 May 2024 9:43

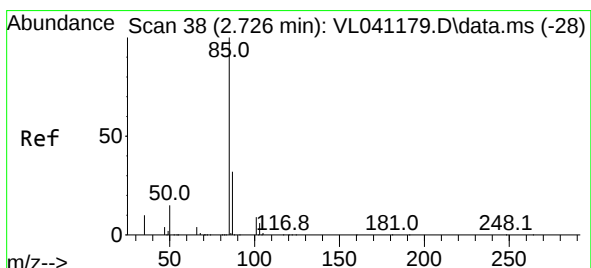
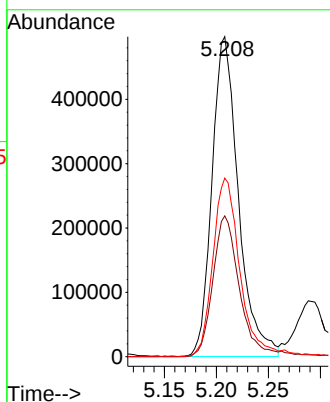
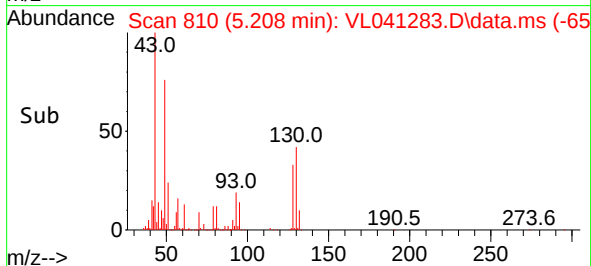
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



Tgt Ion: 49 Resp: 877904
Ion Ratio Lower Upper
49 100
128 45.3 21.5 64.5
130 59.0 27.2 81.6

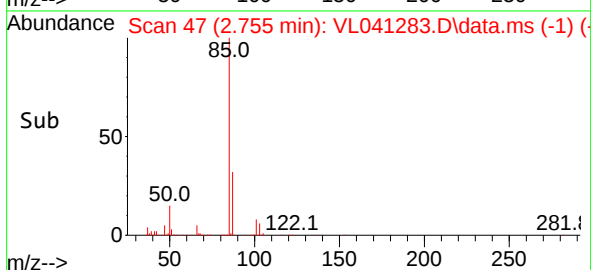
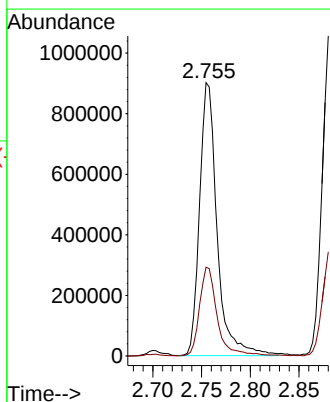
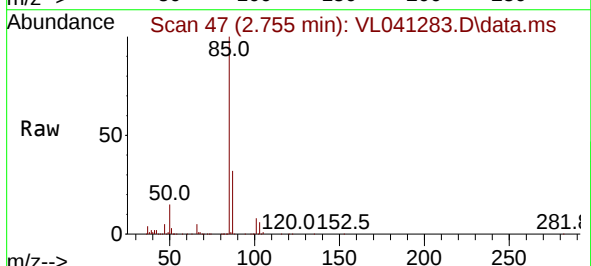
Manual Integrations
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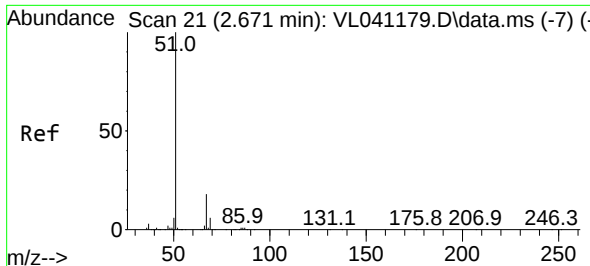
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#2
Dichlorodifluoromethane
Concen: 9.489 ppbv
RT: 2.755 min Scan# 47
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

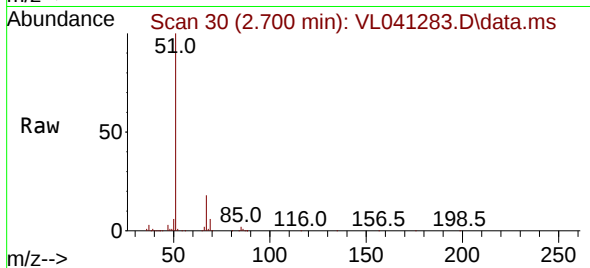
Tgt Ion: 85 Resp: 1126869
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.760 ppbv
RT: 2.700 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

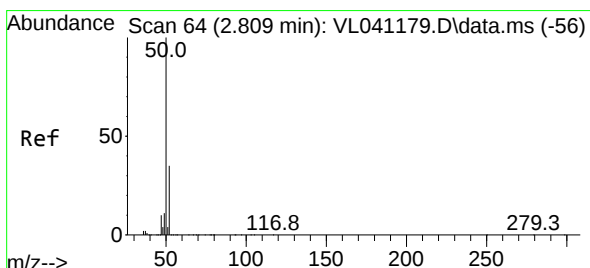
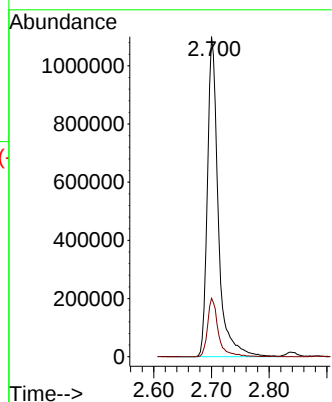
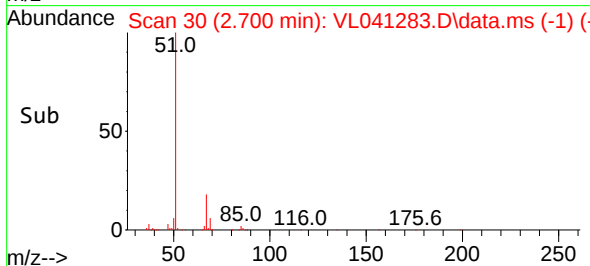
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



Tgt Ion: 51 Resp: 143463
Ion Ratio Lower Upper
51 100
67 18.3 14.0 21.0

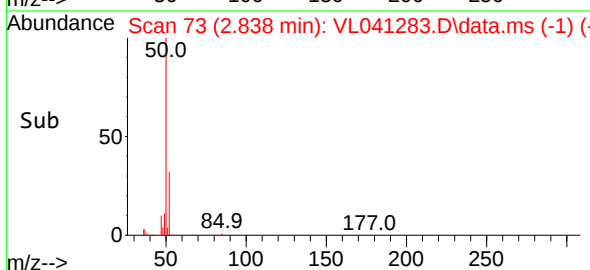
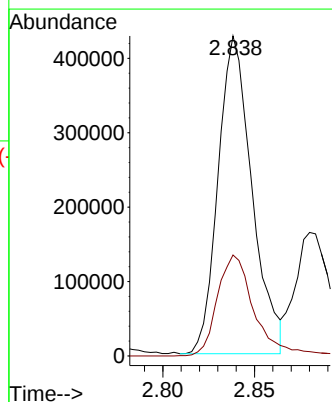
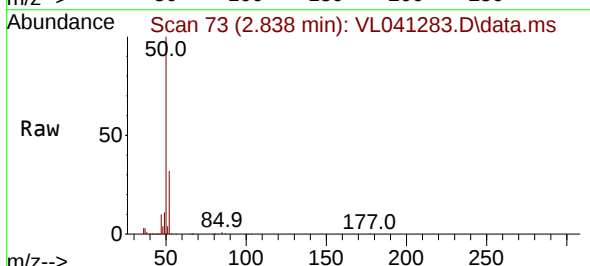
Manual Integrations
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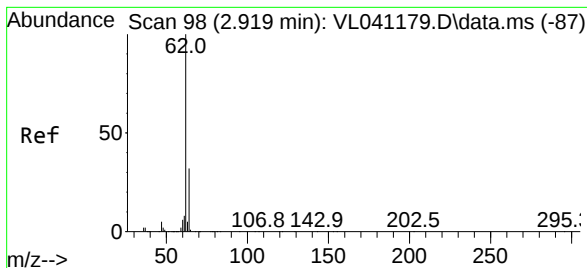
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#4
Chloromethane
Concen: 10.489 ppbv
RT: 2.838 min Scan# 73
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

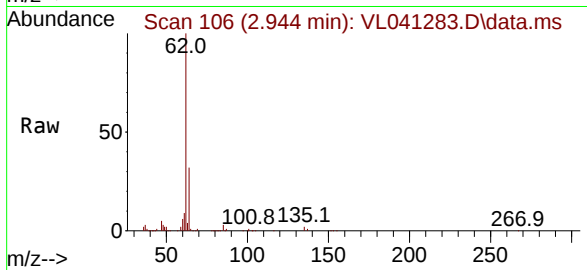
Tgt Ion: 50 Resp: 548771
Ion Ratio Lower Upper
50 100
52 31.7 28.3 42.5





#5
 Vinyl Chloride
 Concen: 10.909 ppbv
 RT: 2.944 min Scan# 106
 Delta R.T. 0.000 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43

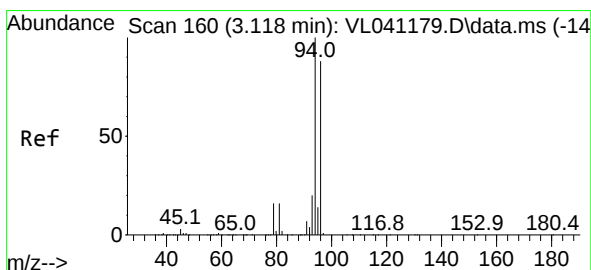
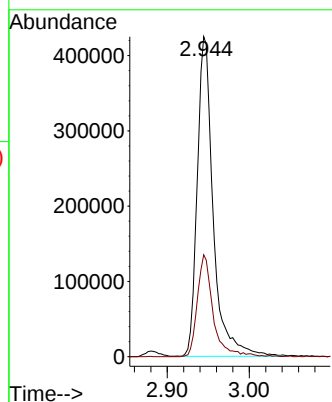
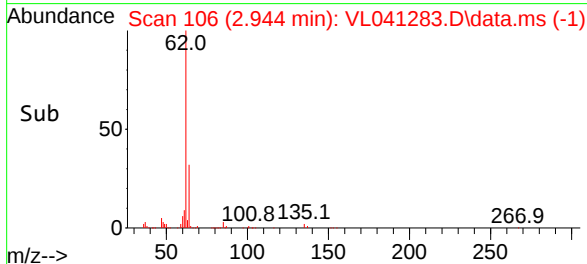
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0524ABS01



Tgt Ion: 62 Resp: 57335
 Ion Ratio Lower Upper
 62 100
 64 31.9 25.7 38.5

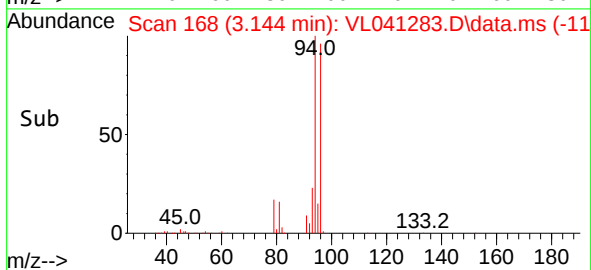
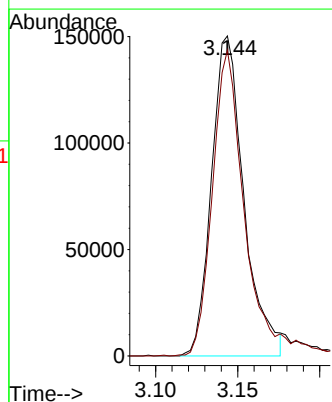
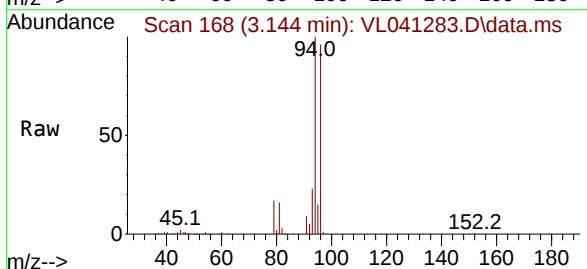
Manual Integrations
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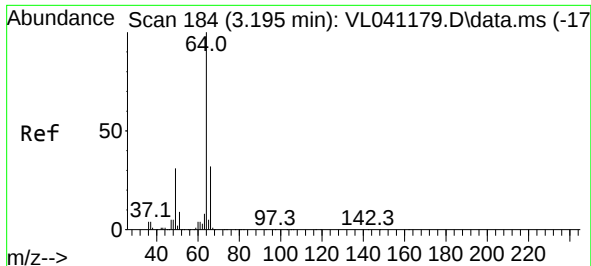
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024



#6
 Bromomethane
 Concen: 10.758 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.003 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43

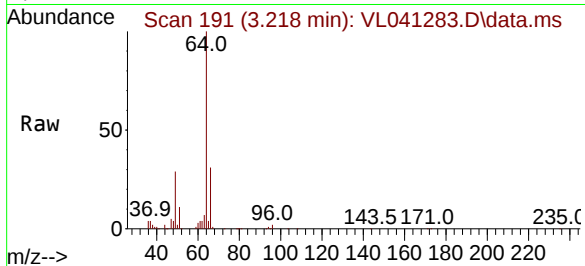
Tgt Ion: 94 Resp: 206296
 Ion Ratio Lower Upper
 94 100
 96 95.2 70.1 105.1





#7
Chloroethane
Concen: 10.575 ppbv
RT: 3.218 min Scan# 191
Delta R.T. -0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

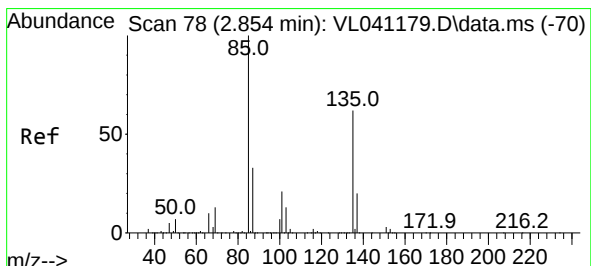
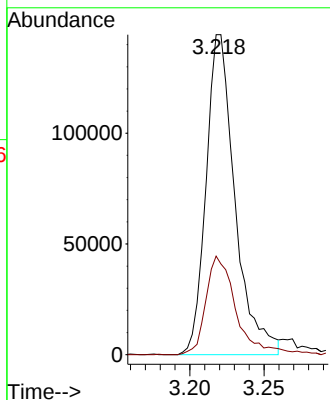
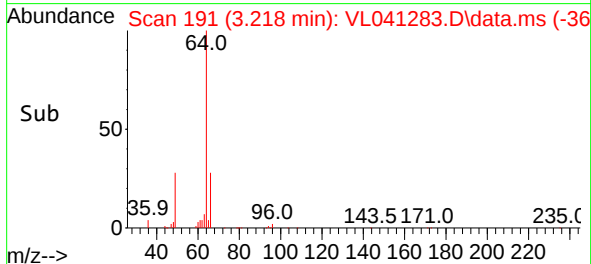
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



Tgt Ion: 64 Resp: 196240
Ion Ratio Lower Upper
64 100
66 30.8 25.4 38.2

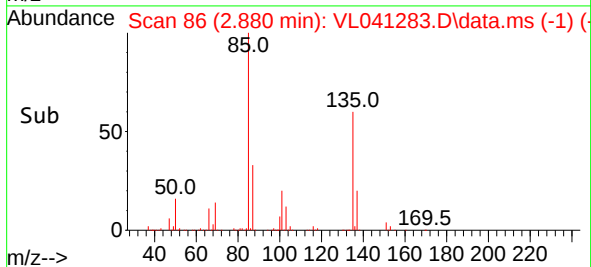
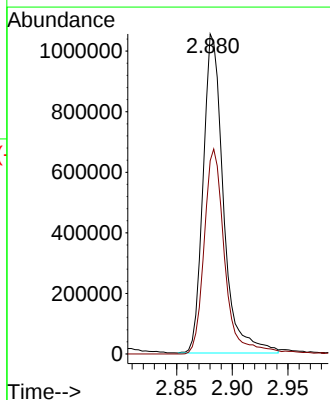
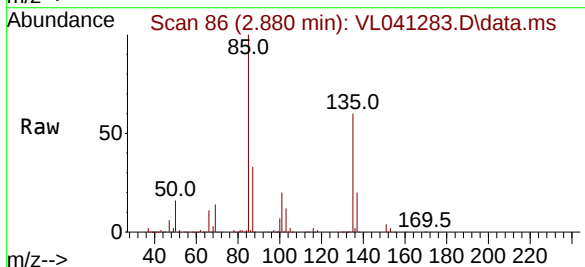
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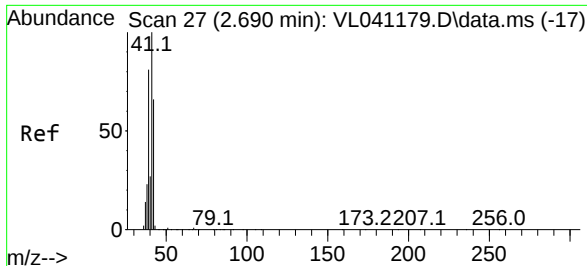
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#8
Dichlorotetrafluoroethane
Concen: 10.868 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Tgt Ion: 85 Resp: 1335775
Ion Ratio Lower Upper
85 100
135 65.9 51.5 77.3





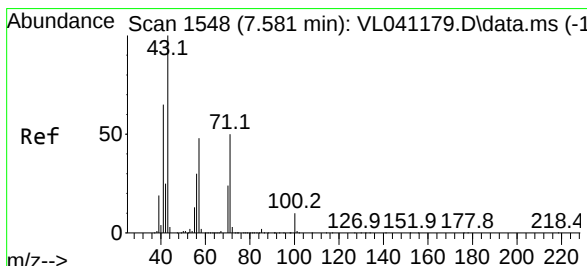
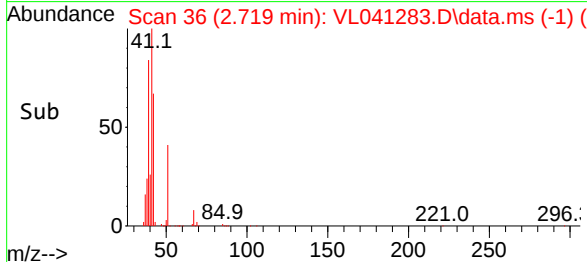
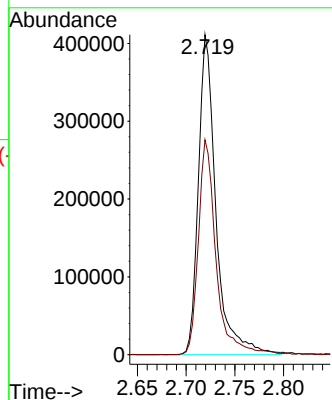
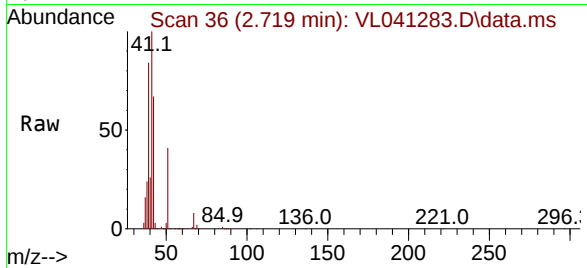
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 Propene
 Concen: 9.890 ppbv
 RT: 2.719 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0524ABS01

Tgt Ion: 41 Resp: 516039
 Ion Ratio Lower Upper
 41 100
 42 68.1 55.3 82.9

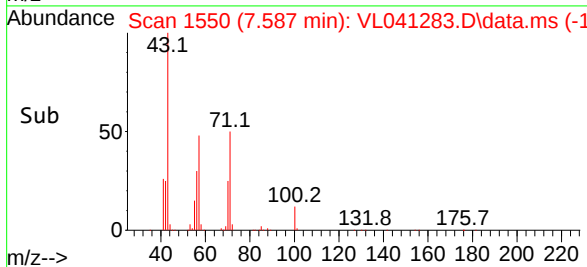
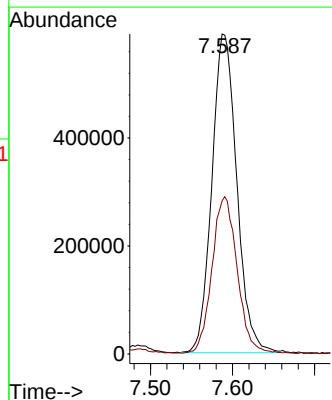
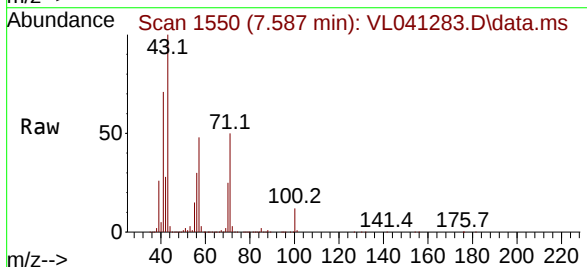
Manual Integrations
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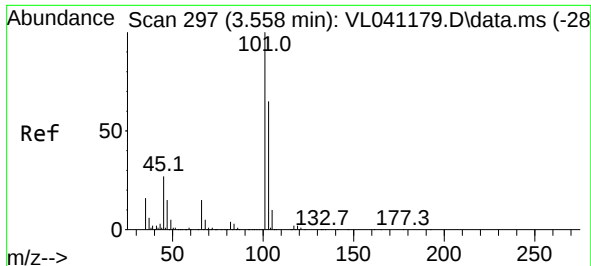
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024



#10
 Heptane
 Concen: 9.859 ppbv
 RT: 7.587 min Scan# 1550
 Delta R.T. -0.003 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43

Tgt Ion: 43 Resp: 1246373
 Ion Ratio Lower Upper
 43 100
 57 50.1 38.7 58.1





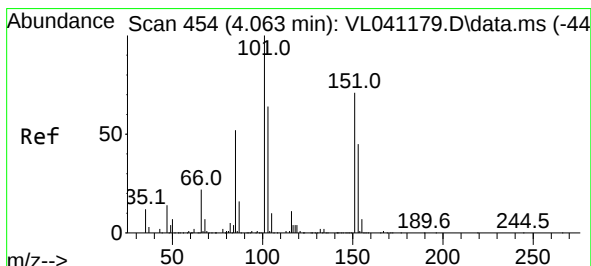
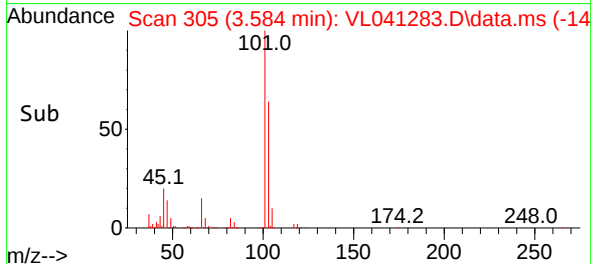
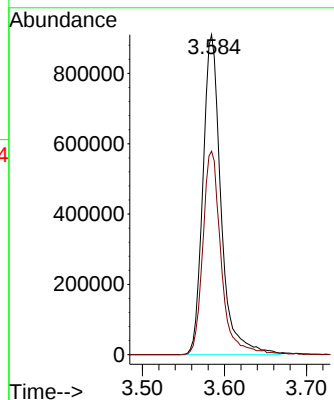
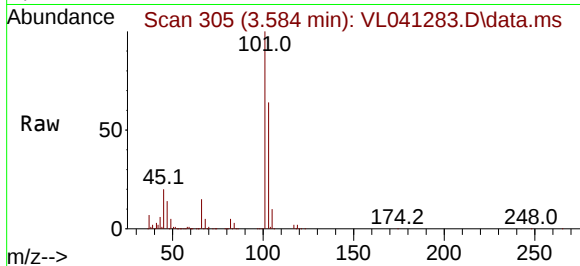
#11
 Trichlorofluoromethane
 Concen: 11.550 ppbv
 RT: 3.584 min Scan# 305
 Delta R.T. 0.000 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0524ABS01

Tgt Ion:101 Resp: 139393
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.6 77.4

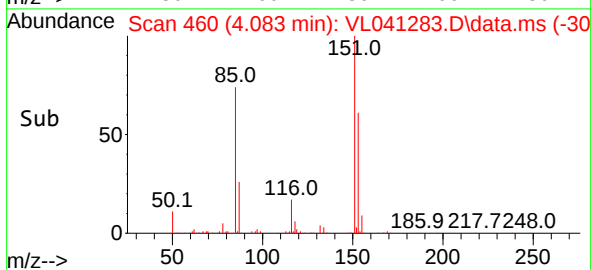
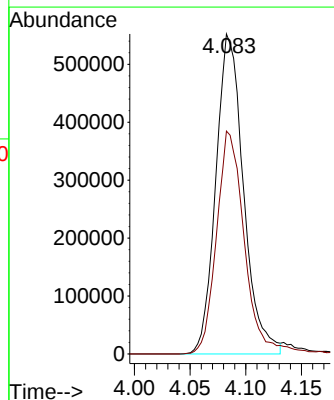
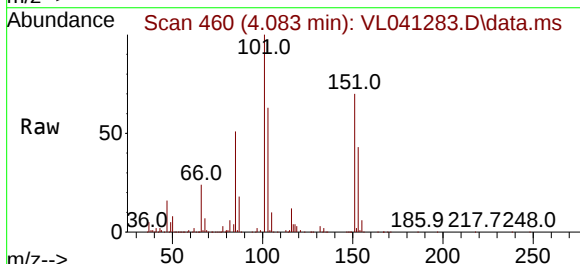
Manual Integrations
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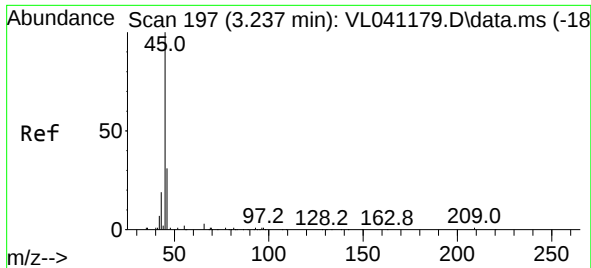
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.691 ppbv
 RT: 4.083 min Scan# 460
 Delta R.T. 0.000 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43

Tgt Ion:101 Resp: 954128
 Ion Ratio Lower Upper
 101 100
 151 70.9 56.8 85.2





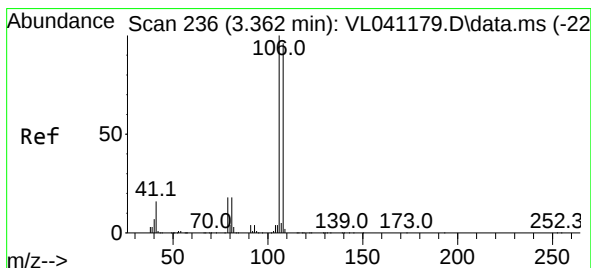
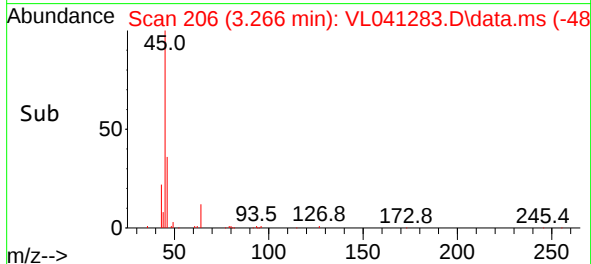
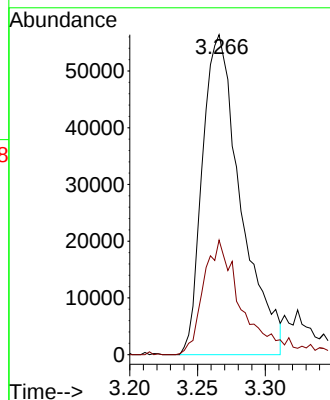
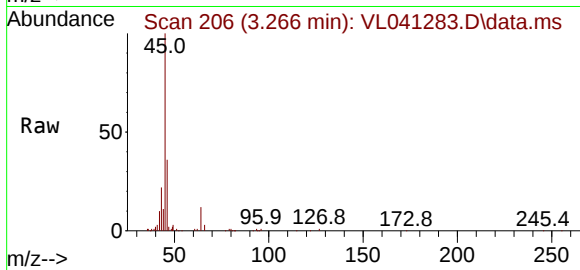
#13
Ethanol
Concen: 9.476 ppbv
RT: 3.266 min Scan# 206
Delta R.T. 0.007 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01

Tgt Ion: 45 Resp: 110838
Ion Ratio Lower Upper
45 100
46 37.8 14.8 59.0

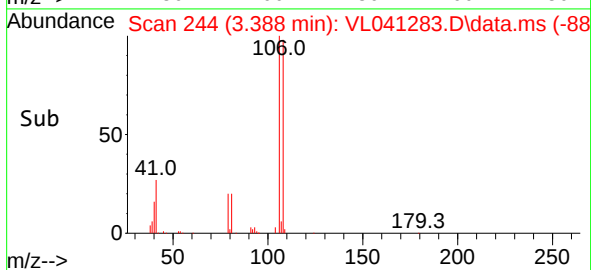
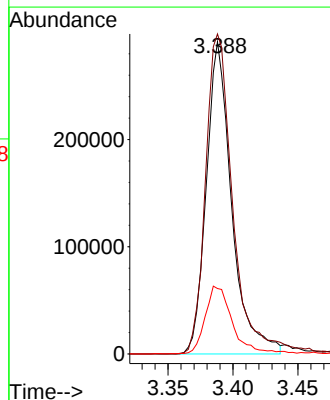
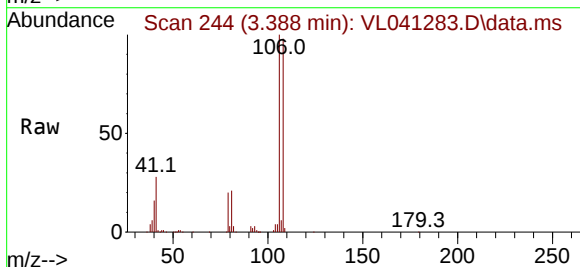
Manual Integrations
APPROVED

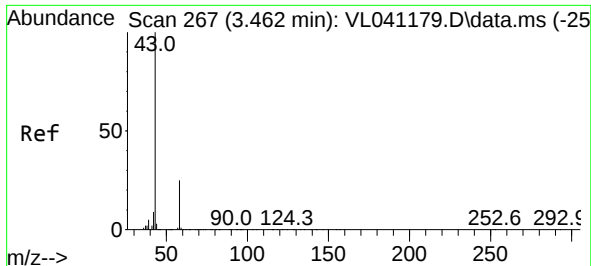
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#14
Bromoethene
Concen: 10.769 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

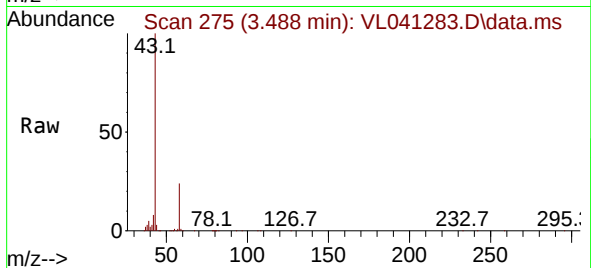
Tgt Ion:108 Resp: 396629
Ion Ratio Lower Upper
108 100
106 111.6 88.2 132.4
79 24.0 17.4 26.0





#15
Acetone
Concen: 10.234 ppbv
RT: 3.488 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

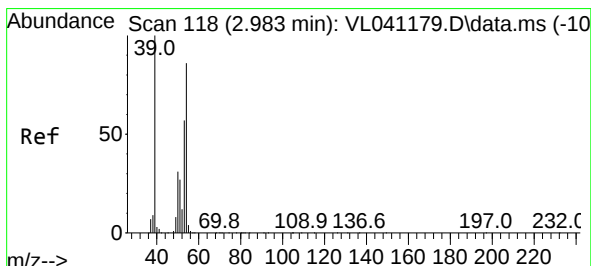
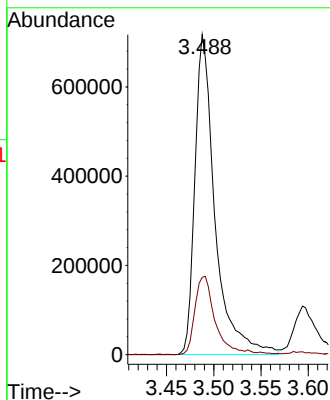
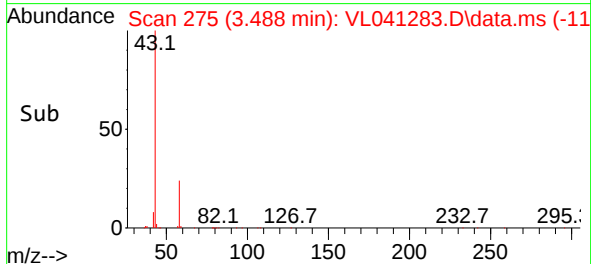
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



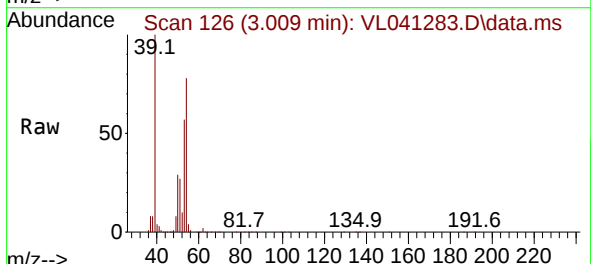
Tgt Ion: 43 Resp: 1060308
Ion Ratio Lower Upper
43 100
58 25.3 21.4 32.0

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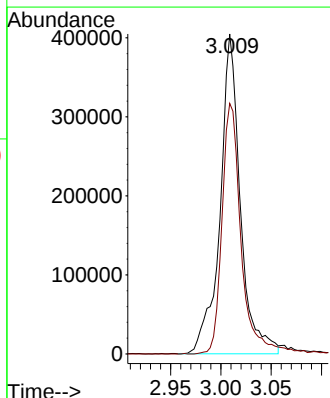
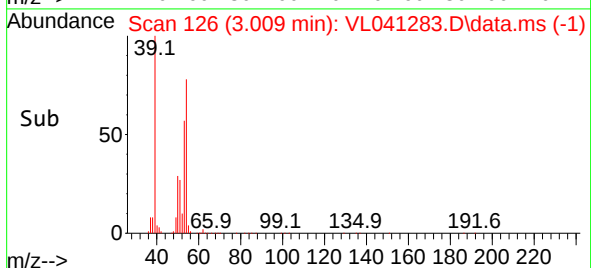
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

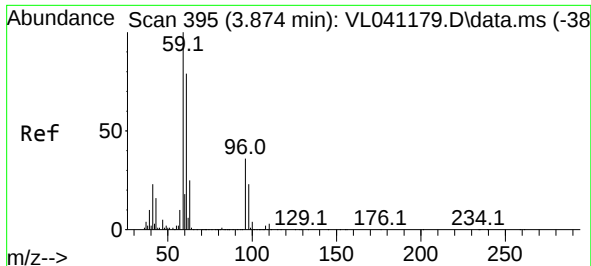


#16
1,3-Butadiene
Concen: 10.854 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



Tgt Ion: 39 Resp: 567666
Ion Ratio Lower Upper
39 100
54 75.1 62.2 93.4





#17

tert-Butyl alcohol

Concen: 9.307 ppbv

RT: 3.896 min Scan# 402

Delta R.T. 0.000 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VL0524ABS01

Tgt Ion: 59 Resp: 104018

Ion Ratio Lower Upper

59 100

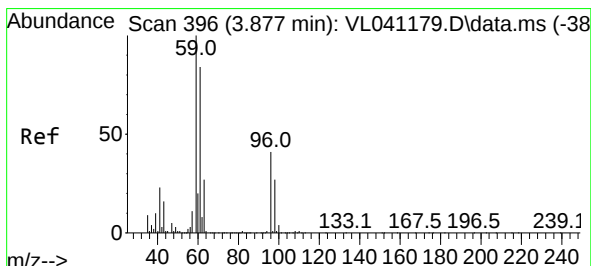
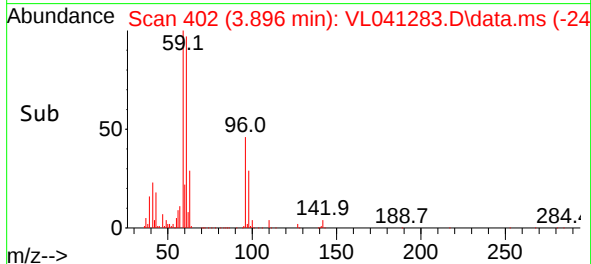
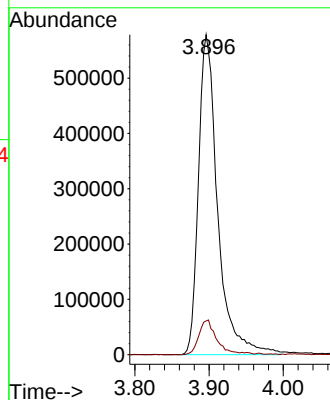
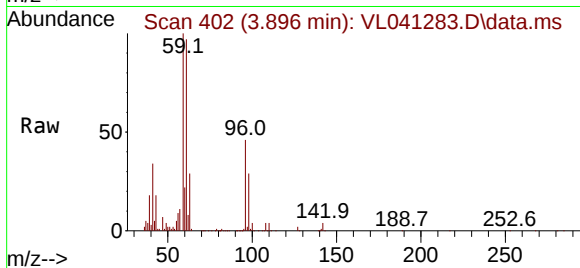
57 10.5 8.4 12.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#18

1,1-Dichloroethene

Concen: 10.837 ppbv

RT: 3.899 min Scan# 403

Delta R.T. 0.000 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

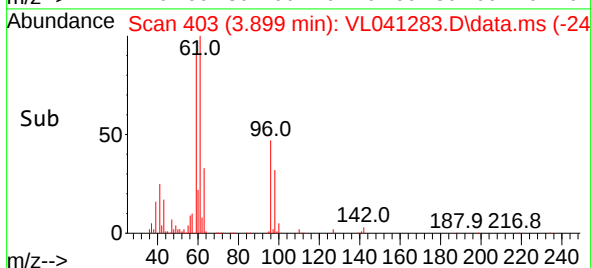
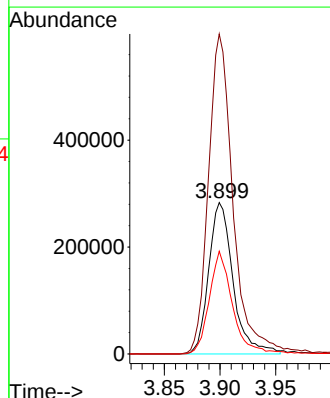
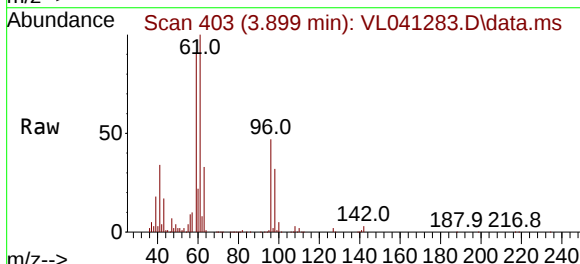
Tgt Ion: 96 Resp: 431238

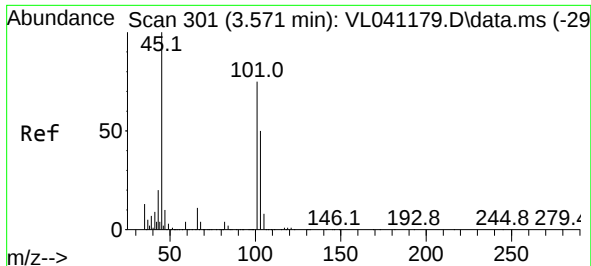
Ion Ratio Lower Upper

96 100

61 211.5 164.4 246.6

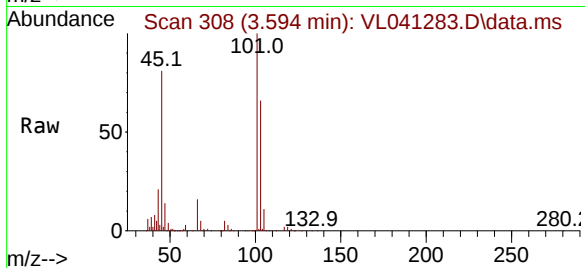
98 67.9 51.8 77.8





#19
Isopropyl Alcohol
Concen: 10.265 ppbv
RT: 3.594 min Scan# 301
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

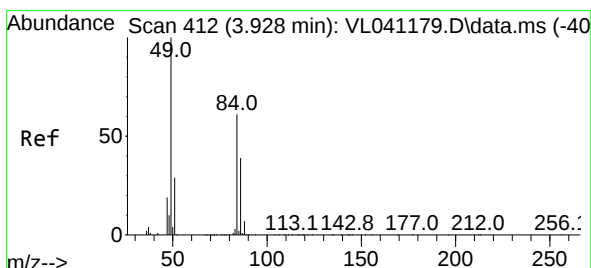
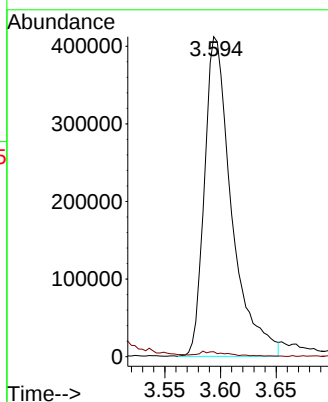
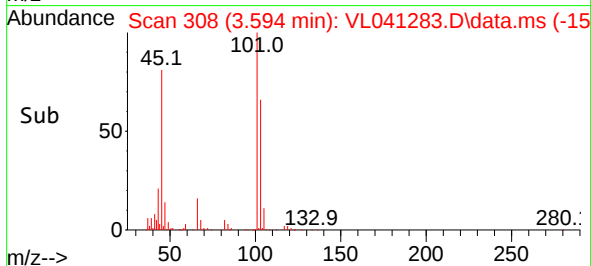
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



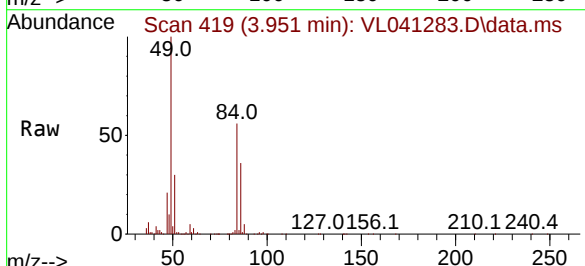
Tgt Ion: 45 Resp: 69788
Ion Ratio Lower Upper
45 100
58 1.7 26.8 40.2

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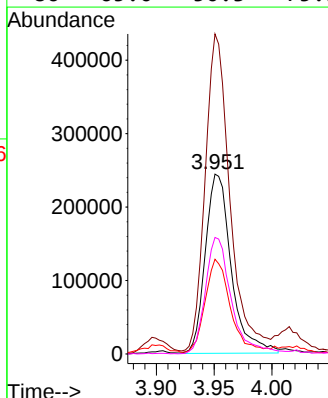
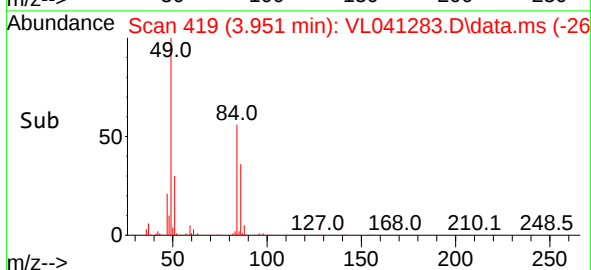
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

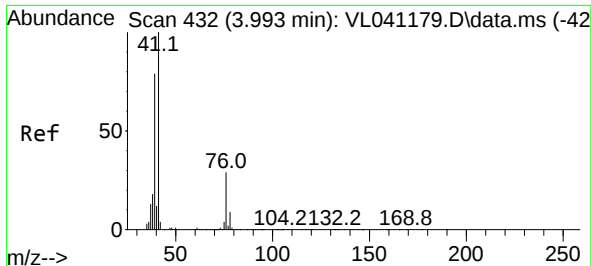


#20
Methylene Chloride
Concen: 10.606 ppbv
RT: 3.951 min Scan# 419
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



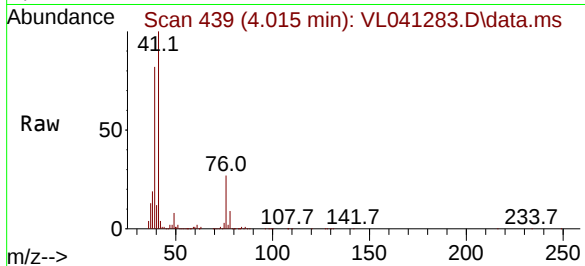
Tgt Ion: 84 Resp: 382144
Ion Ratio Lower Upper
84 100
49 176.9 130.4 195.6
51 51.4 38.0 57.0
86 65.0 50.3 75.5





#21
 Allyl Chloride
 Concen: 10.342 ppbv
 RT: 4.015 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43

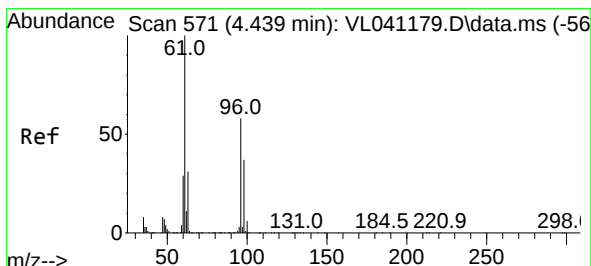
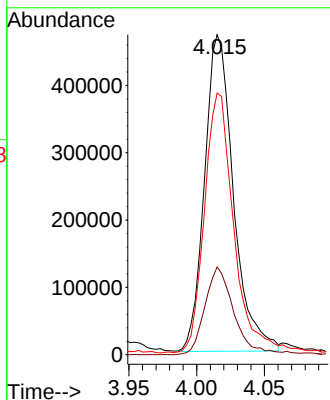
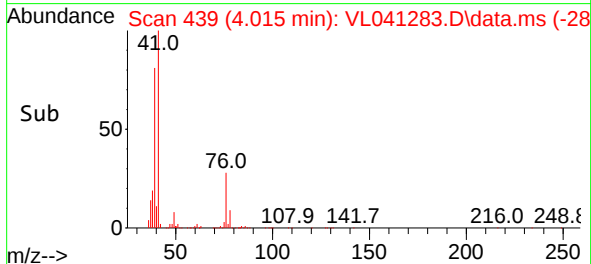
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0524ABS01



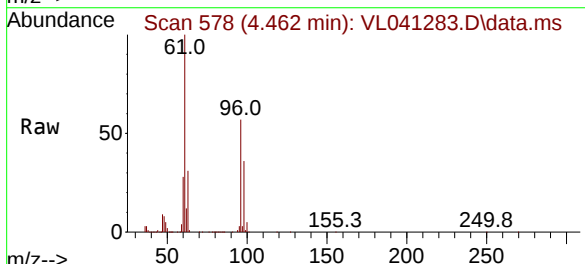
Tgt Ion: 41 Resp: 69868
 Ion Ratio Lower Upper
 41 100
 76 28.0 23.7 35.5
 39 84.4 64.7 97.1

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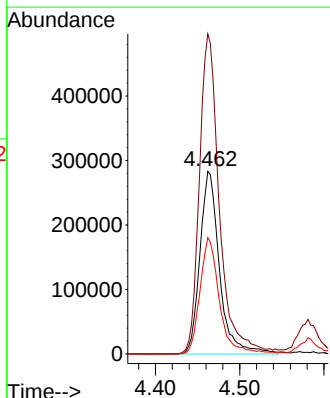
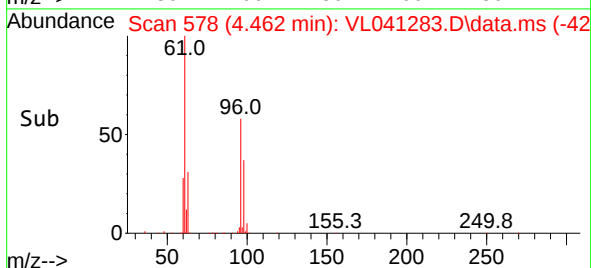
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

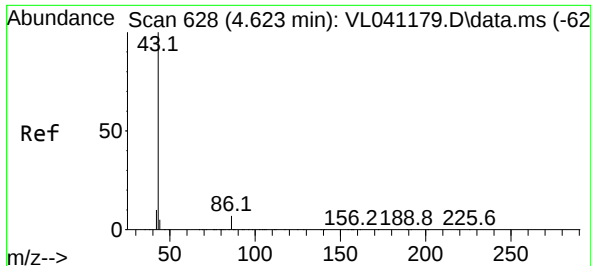


#22
 trans-1,2-Dichloroethene
 Concen: 11.075 ppbv
 RT: 4.462 min Scan# 578
 Delta R.T. 0.000 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43



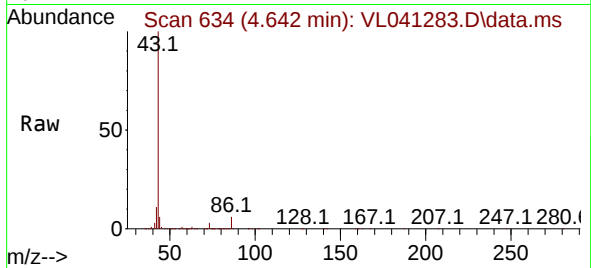
Tgt Ion: 96 Resp: 458306
 Ion Ratio Lower Upper
 96 100
 61 175.0 137.6 206.4
 98 63.7 50.6 76.0





#23
 Vinyl Acetate
 Concen: 10.278 ppbv
 RT: 4.642 min Scan# 615
 Delta R.T. 0.000 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43

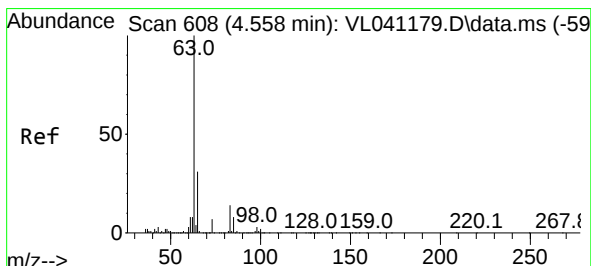
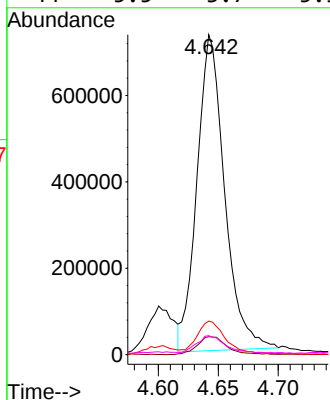
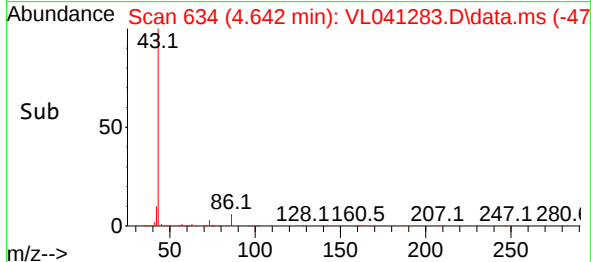
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0524ABS01



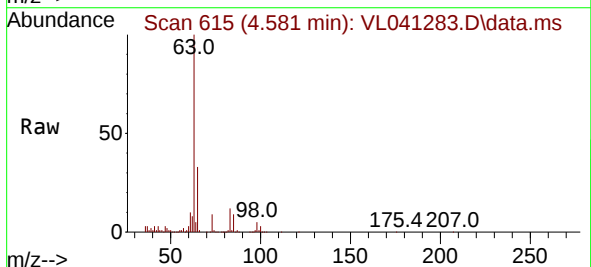
Tgt Ion: 43 Resp: 1172639
 Ion Ratio Lower Upper
 43 100
 86 5.6 4.9 7.3
 42 10.3 8.0 12.0
 44 5.5 3.7 5.5

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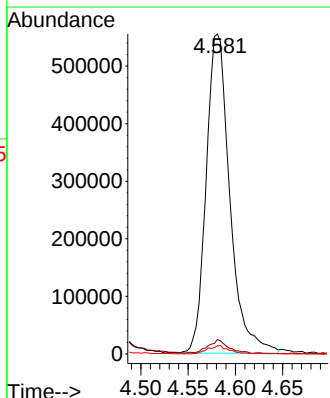
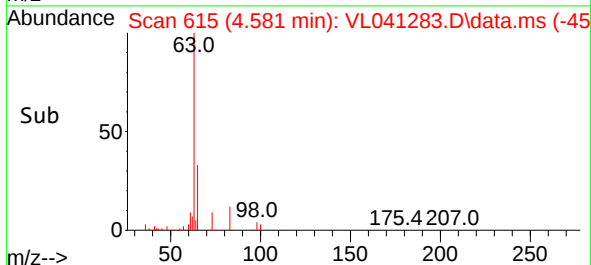
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

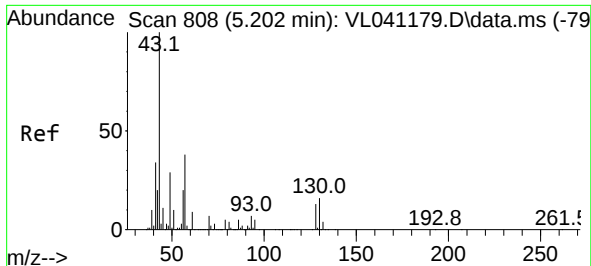


#24
 1,1-Dichloroethane
 Concen: 10.885 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.000 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43



Tgt Ion: 63 Resp: 965682
 Ion Ratio Lower Upper
 63 100
 98 4.4 1.6 4.8
 100 2.5 1.1 3.5





#25

Ethyl Acetate

Concen: 10.232 ppbv

RT: 5.218 min Scan# 813

Delta R.T. 0.000 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VL0524ABS01

Tgt Ion: 43 Resp: 211597

Ion Ratio Lower Upper

43 100

45 10.2 8.2 12.2

61 9.5 7.7 11.5

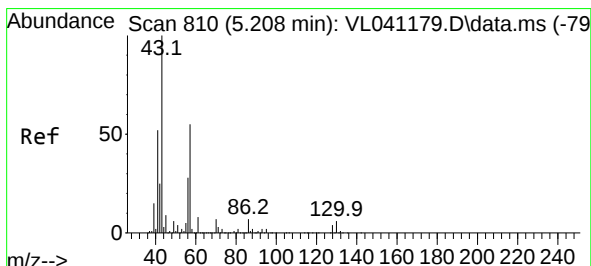
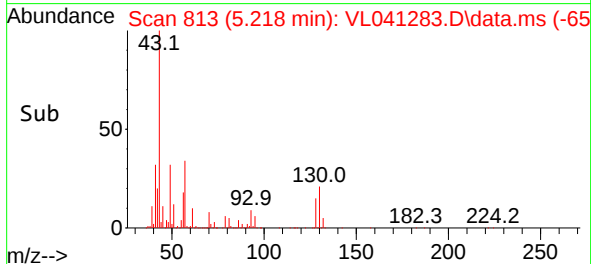
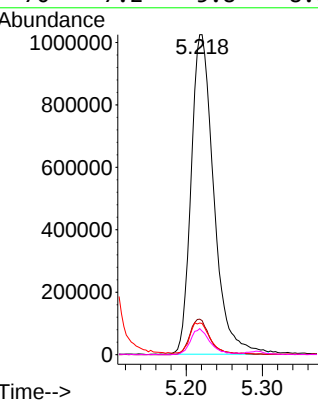
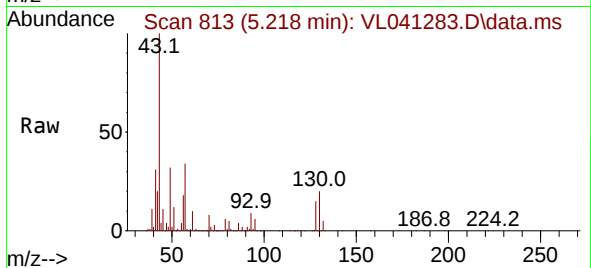
70 7.2 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#26

Hexane

Concen: 10.114 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.000 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

Tgt Ion: 57 Resp: 933359

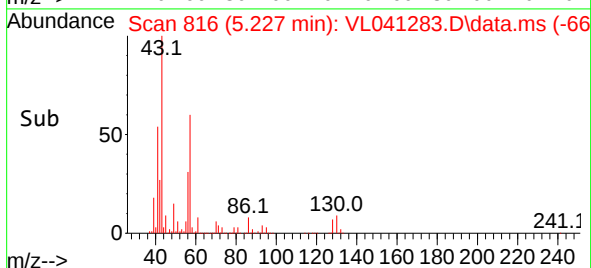
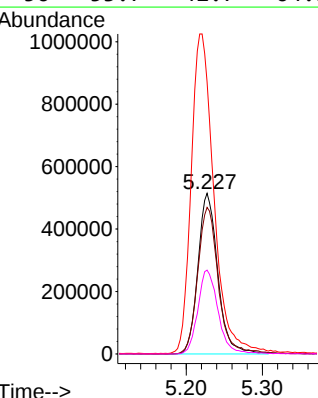
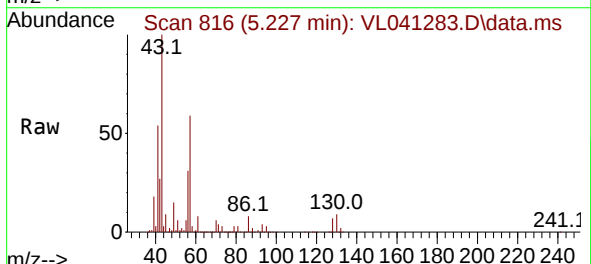
Ion Ratio Lower Upper

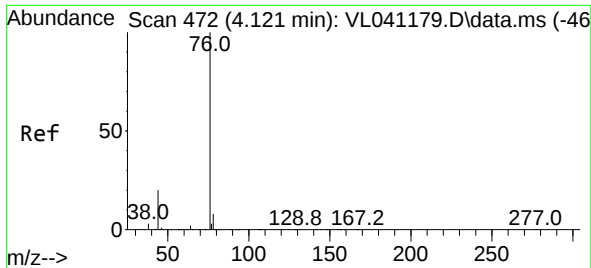
57 100

41 95.5 75.8 113.8

43 230.1 187.0 280.4

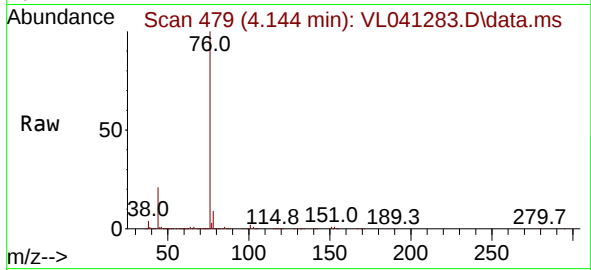
56 53.7 42.7 64.1





#27
Carbon Disulfide
Concen: 10.465 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

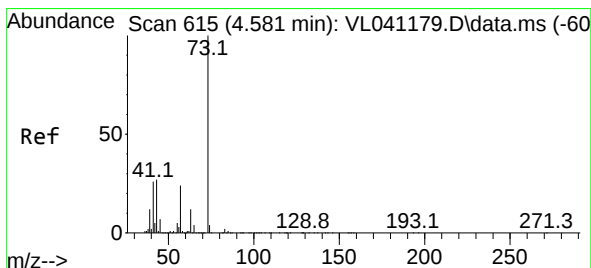
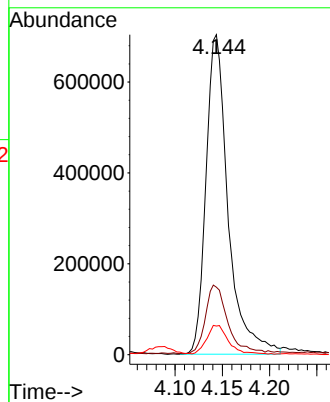
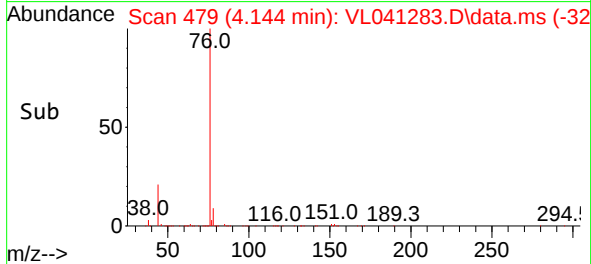
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



Tgt Ion: 76 Resp: 114320
Ion Ratio Lower Upper
76 100
44 22.6 16.3 24.5
78 9.5 7.3 10.9

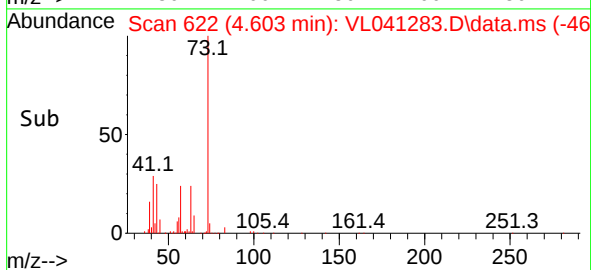
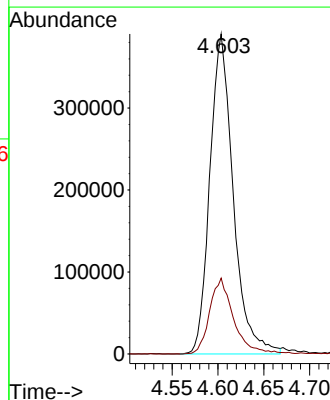
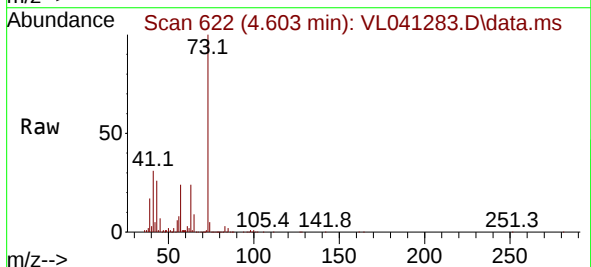
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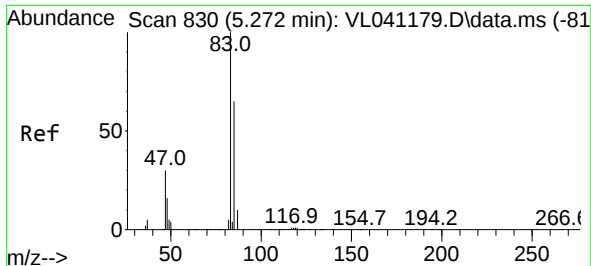
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#28
Methyl tert-Butyl Ether
Concen: 9.413 ppbv
RT: 4.603 min Scan# 622
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Tgt Ion: 73 Resp: 691663
Ion Ratio Lower Upper
73 100
57 24.5 18.8 28.2





#29

Chloroform

Concen: 11.404 ppbv

RT: 5.292 min Scan# 81

Delta R.T. 0.000 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VL0524ABS01

Tgt Ion: 83 Resp: 1451890

Ion Ratio Lower Upper

83 100

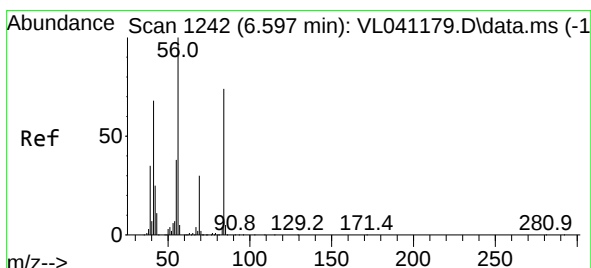
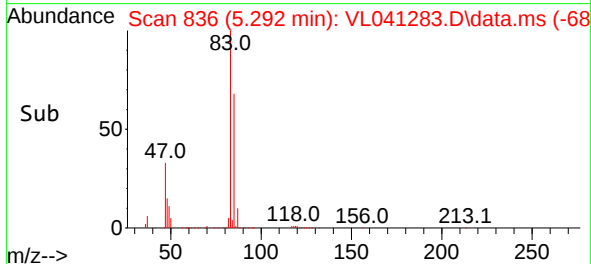
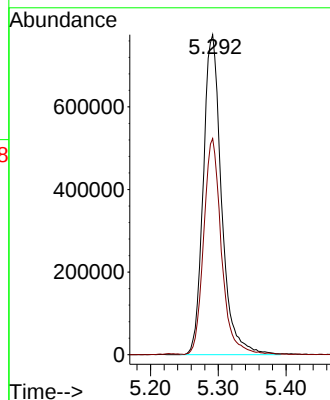
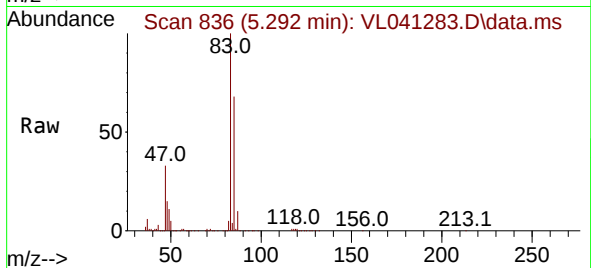
85 67.4 51.7 77.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#30

Cyclohexane

Concen: 10.559 ppbv

RT: 6.613 min Scan# 1247

Delta R.T. 0.000 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

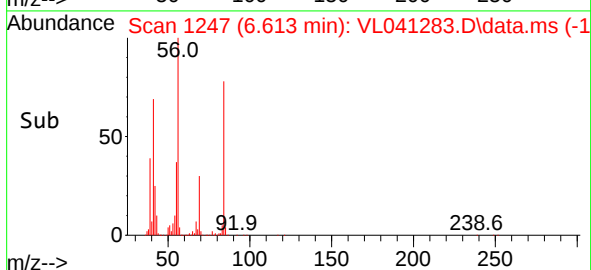
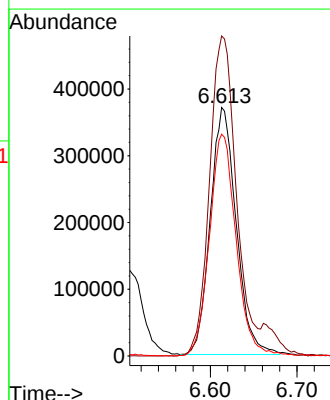
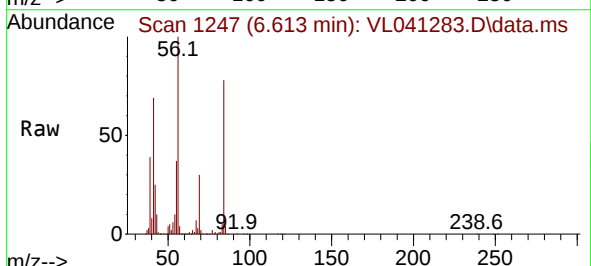
Tgt Ion: 84 Resp: 771346

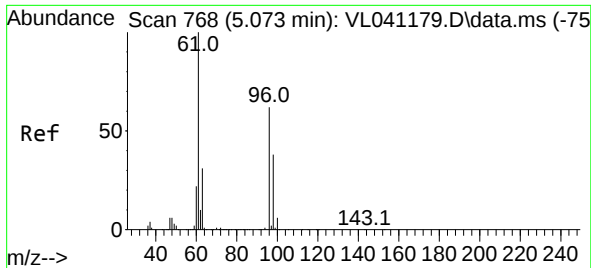
Ion Ratio Lower Upper

84 100

56 142.0 116.8 175.2

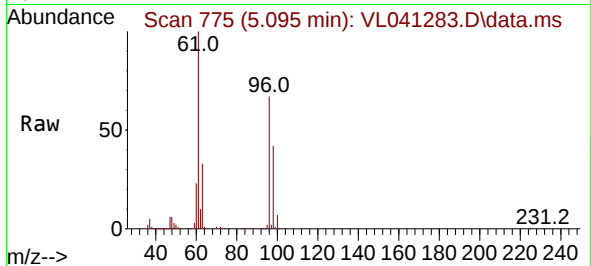
41 92.3 73.8 110.8





#31
cis-1,2-Dichloroethene
Concen: 10.593 ppbv
RT: 5.095 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

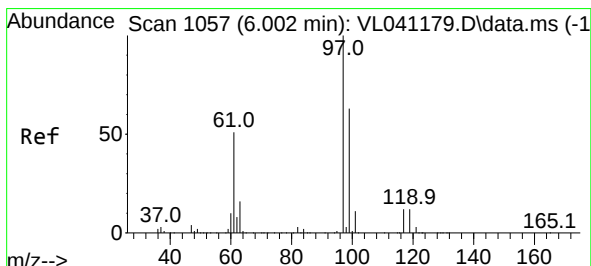
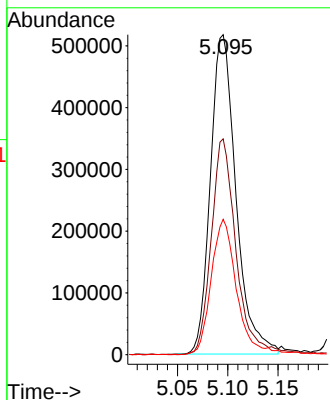
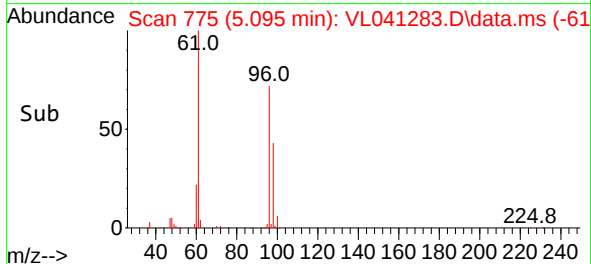
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



Tgt Ion: 61 Resp: 915229
Ion Ratio Lower Upper
61 100
96 67.6 49.8 74.6
98 42.4 30.0 45.0

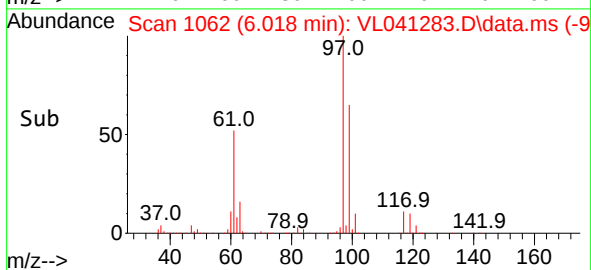
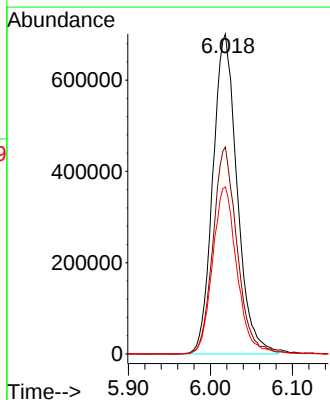
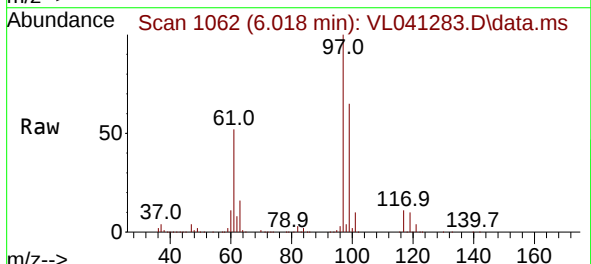
Manual Integrations
APPROVED

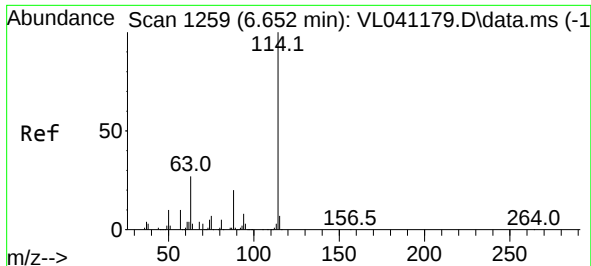
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#32
1,1,1-Trichloroethane
Concen: 11.376 ppbv
RT: 6.018 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Tgt Ion: 97 Resp: 1445101
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 52.5 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.664 min Scan# 114

Delta R.T. -0.003 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VL0524ABS01

Tgt Ion:114 Resp: 234599

Ion Ratio Lower Upper

114 100

63 25.6 21.8 32.6

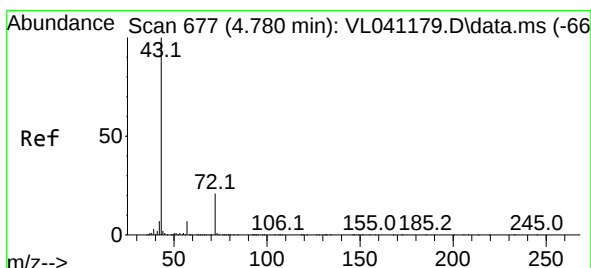
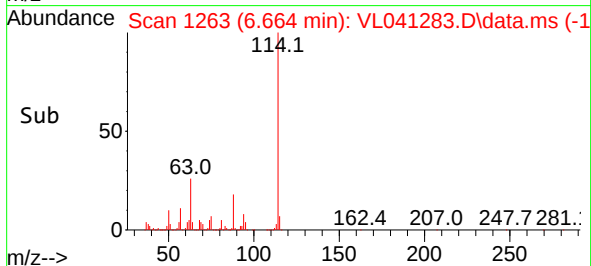
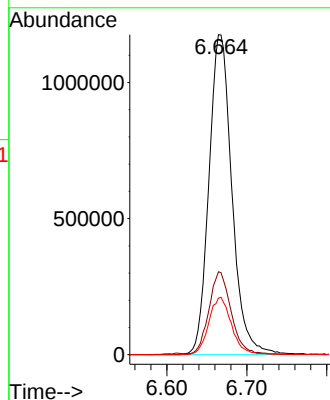
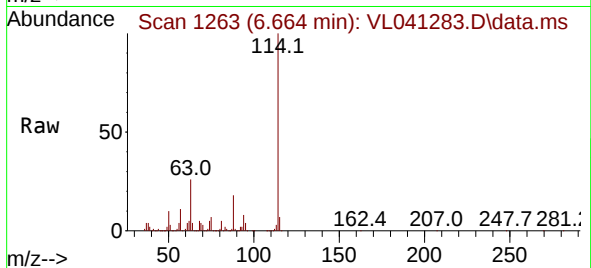
88 17.9 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#34

2-Butanone

Concen: 10.648 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.000 min

Lab File: VL041283.D

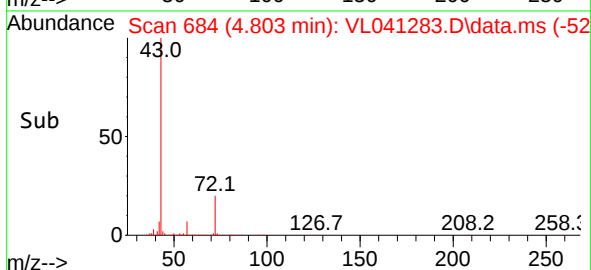
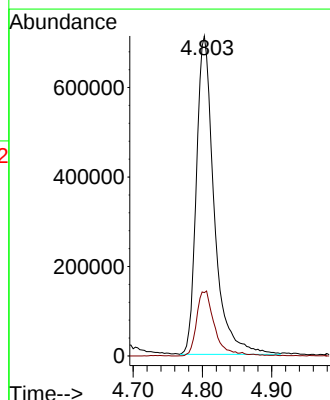
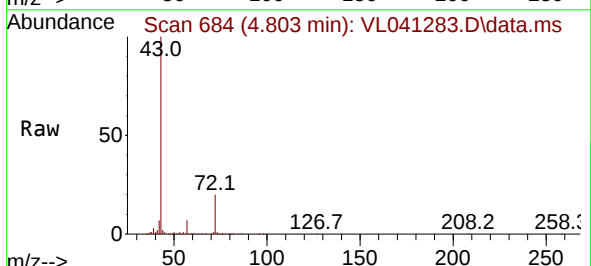
Acq: 24 May 2024 9:43

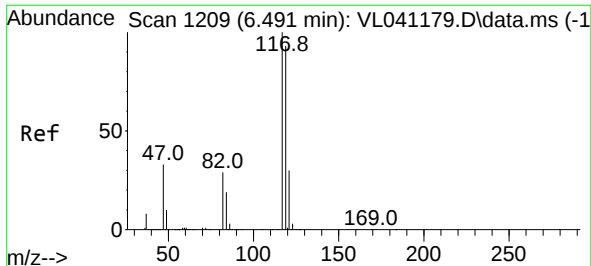
Tgt Ion: 43 Resp: 1271464

Ion Ratio Lower Upper

43 100

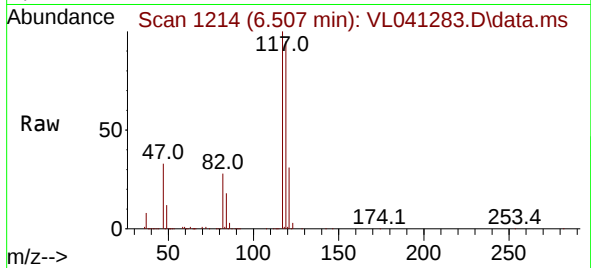
72 21.2 17.3 25.9





#35
Carbon Tetrachloride
Concen: 11.414 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

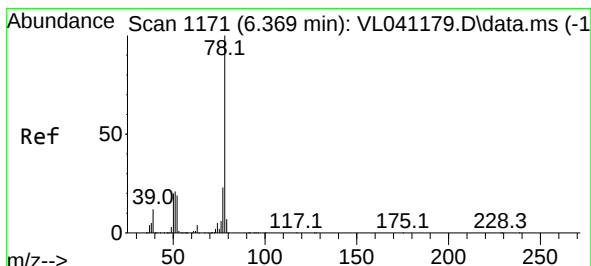
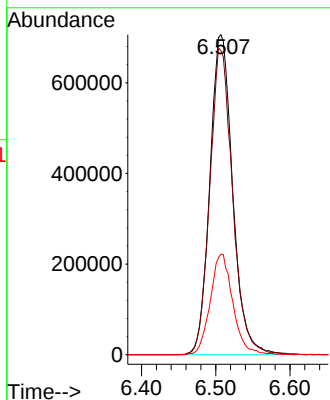
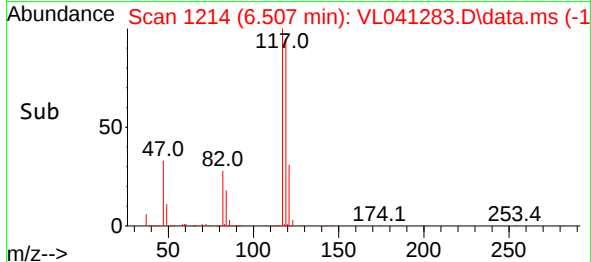
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



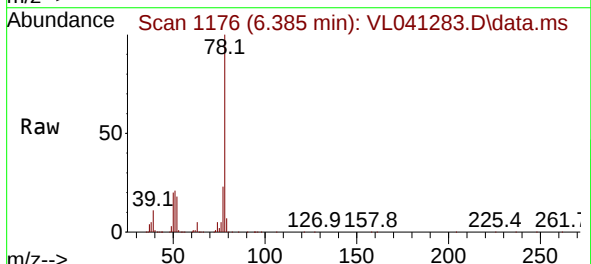
Tgt Ion: 117 Resp: 150272
Ion Ratio Lower Upper
117 100
119 95.0 74.3 111.5
121 31.4 23.8 35.8

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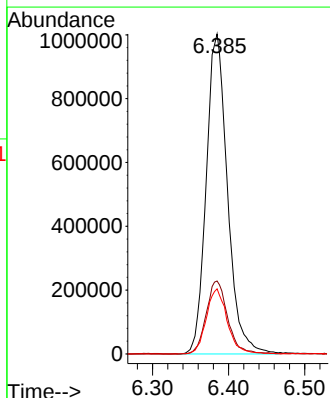
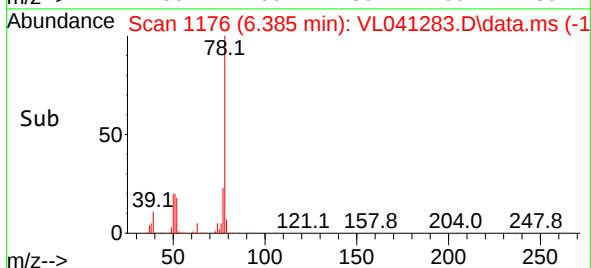
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

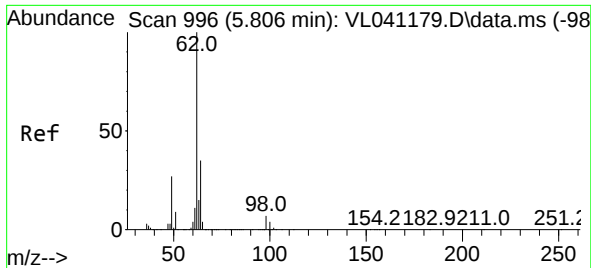


#36
Benzene
Concen: 9.892 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



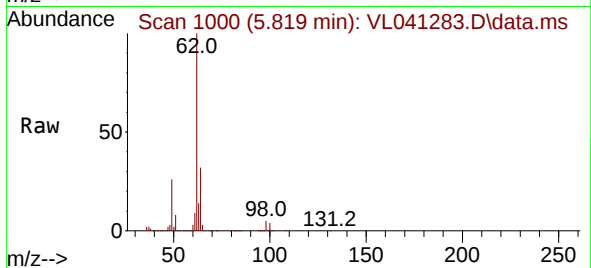
Tgt Ion: 78 Resp: 1947384
Ion Ratio Lower Upper
78 100
77 22.8 18.3 27.5
50 20.4 15.9 23.9





#37
1,2-Dichloroethane
Concen: 11.132 ppbv
RT: 5.819 min Scan# 1000
Delta R.T. -0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

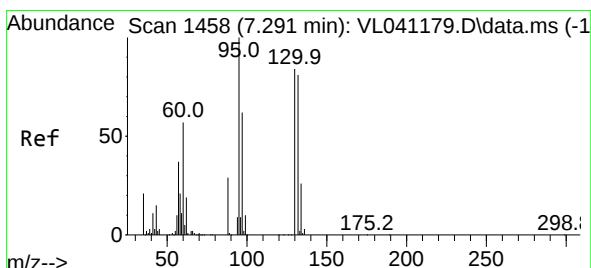
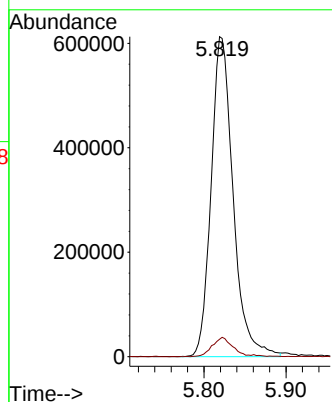
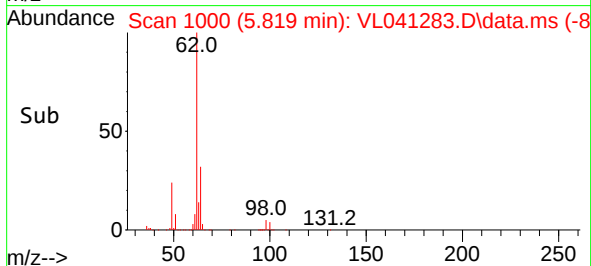
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



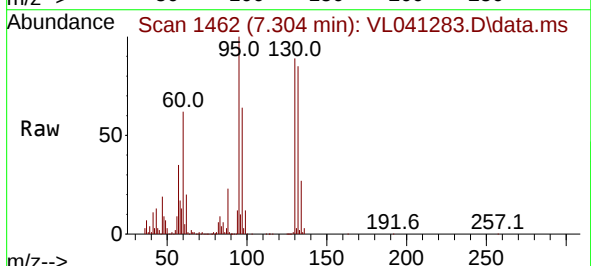
Tgt Ion: 62 Resp: 114350
Ion Ratio Lower Upper
62 100
98 5.9 5.0 7.4

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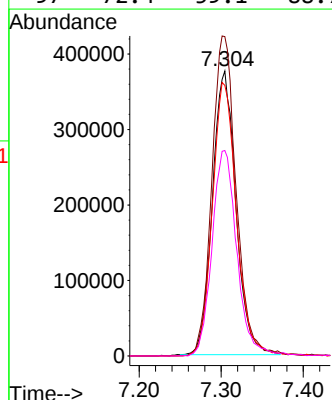
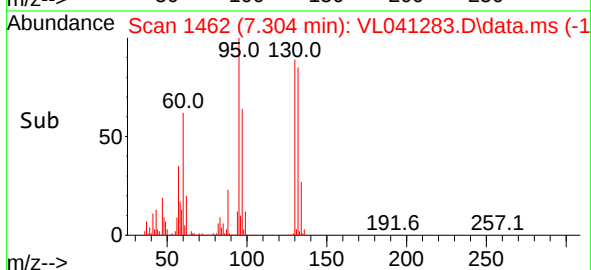
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

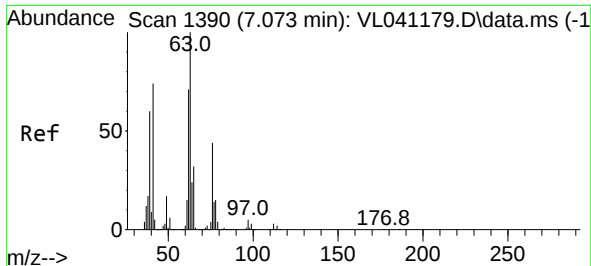


#38
Trichloroethene
Concen: 10.189 ppbv
RT: 7.304 min Scan# 1462
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



Tgt Ion:130 Resp: 747500
Ion Ratio Lower Upper
130 100
95 112.5 95.0 142.6
132 95.4 77.0 115.4
97 72.4 59.1 88.7





#39

1,2-Dichloropropane

Concen: 9.930 ppbv

RT: 7.086 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VL0524ABS01

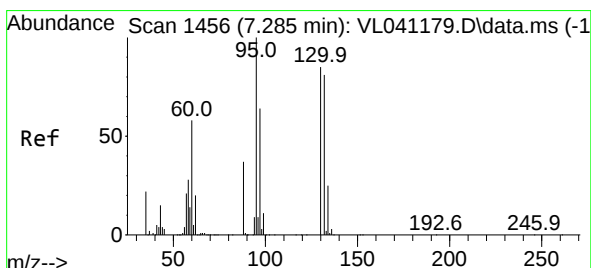
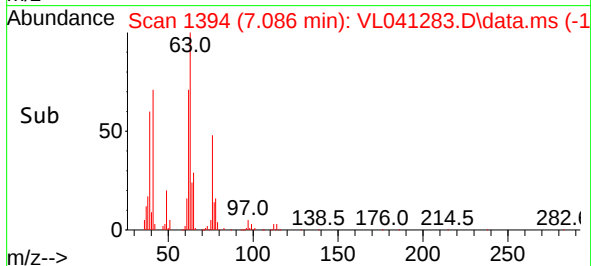
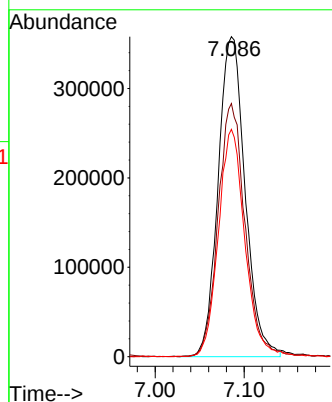
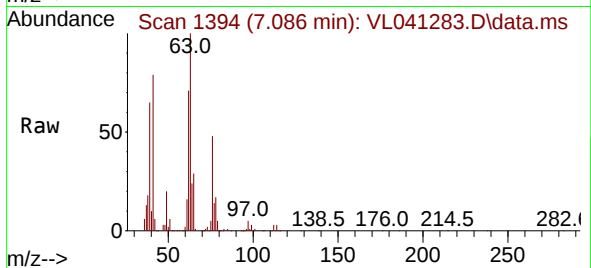
Tgt Ion: 63 Resp: 753408

Ion	Ratio	Lower	Upper
63	100		
41	79.1	59.4	89.0
62	70.9	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: 9.043 ppbv

RT: 7.295 min Scan# 1459

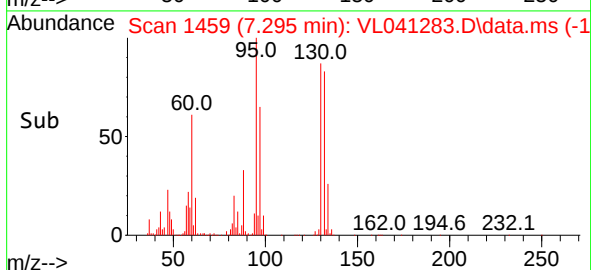
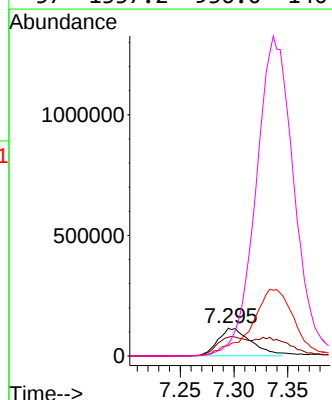
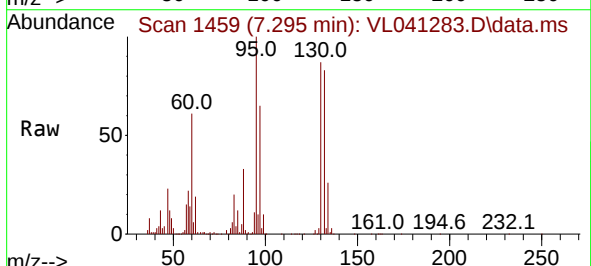
Delta R.T. 0.000 min

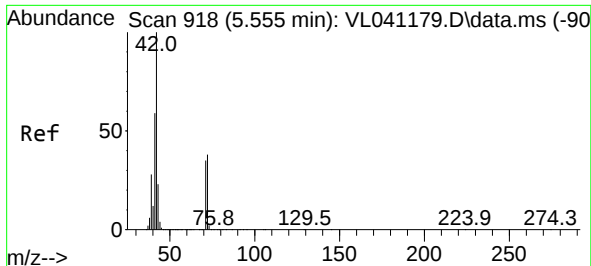
Lab File: VL041283.D

Acq: 24 May 2024 9:43

Tgt Ion: 88 Resp: 245124

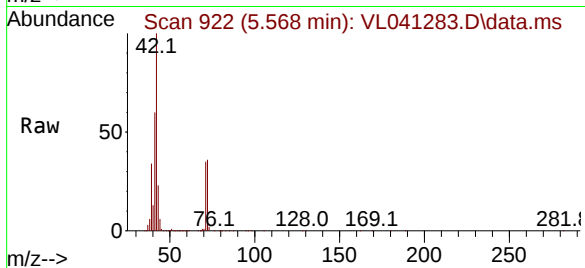
Ion	Ratio	Lower	Upper
88	100		
58	141.0	106.1	159.1
43	309.4	219.8	329.6
57	1337.2	936.0	1404.0





#41
Tetrahydrofuran
Concen: 9.347 ppbv
RT: 5.568 min Scan# 918
Delta R.T. -0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

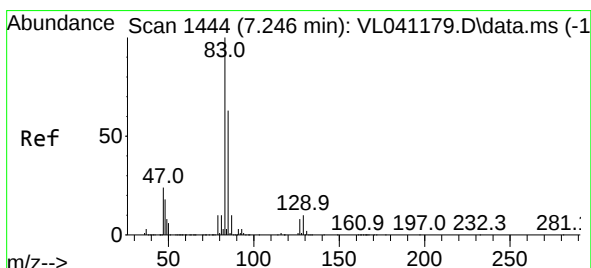
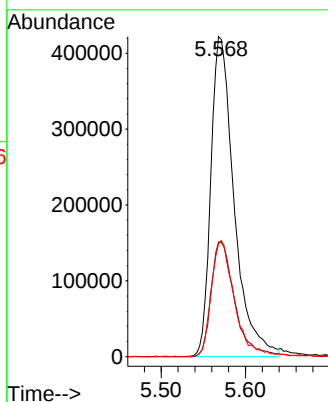
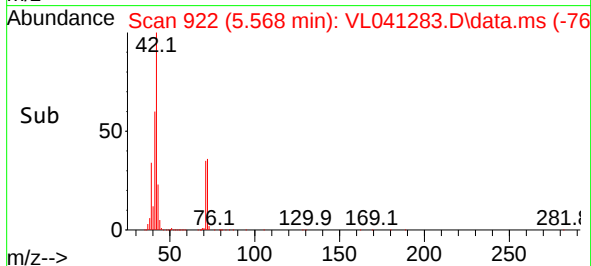
Instrument : MSVOA_L
ClientSampleId : VL0524ABS01



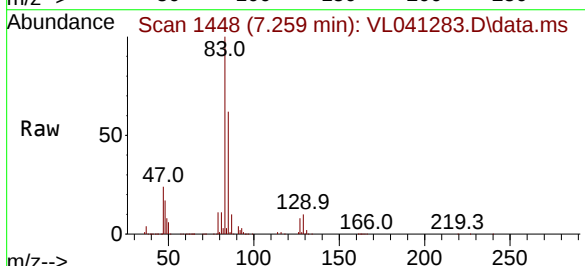
Tgt Ion: 42 Resp: 807968
Ion Ratio Lower Upper
42 100
72 37.1 29.4 44.0
71 36.5 29.1 43.7

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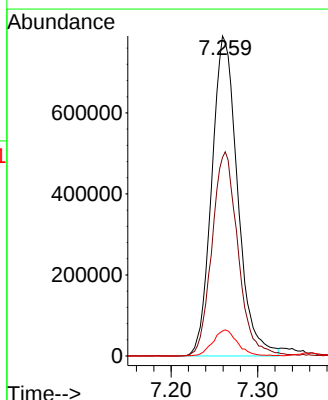
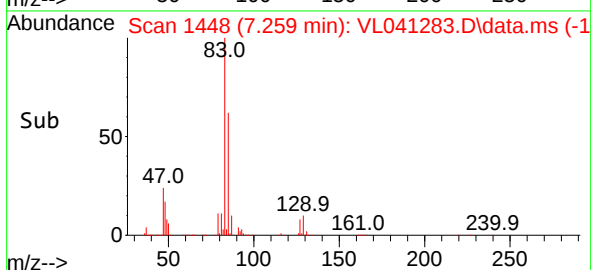
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

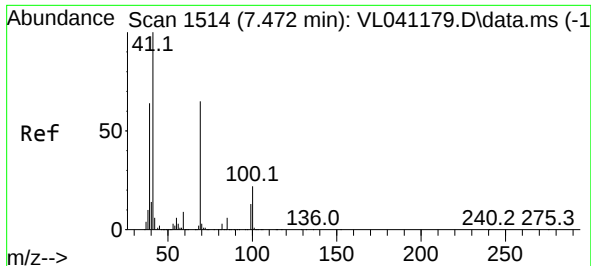


#42
Bromodichloromethane
Concen: 11.122 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



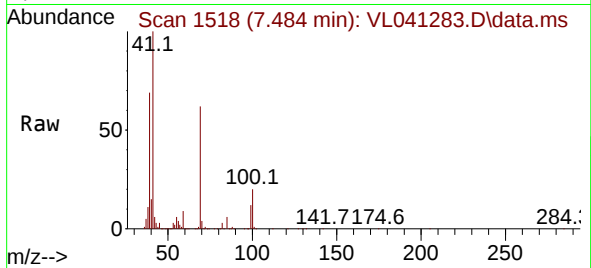
Tgt Ion: 83 Resp: 1638487
Ion Ratio Lower Upper
83 100
85 62.0 50.6 75.8
127 7.8 6.2 9.4





#43
Methyl Methacrylate
Concen: 9.876 ppbv
RT: 7.484 min Scan# 1472
Delta R.T. -0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

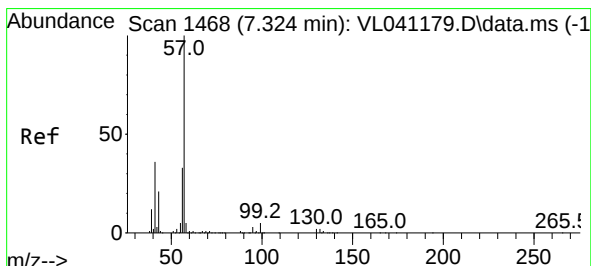
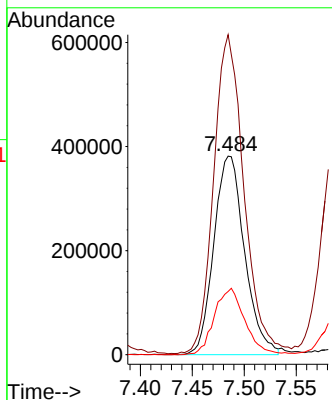
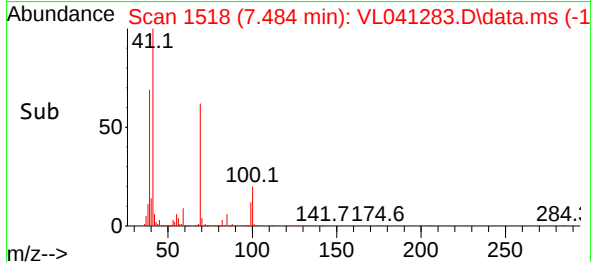
Instrument : MSVOA_L
ClientSampleId : VL0524ABS01



Tgt Ion: 69 Resp: 786390
Ion Ratio Lower Upper
69 100
41 159.1 125.2 187.8
100 33.2 26.7 40.1

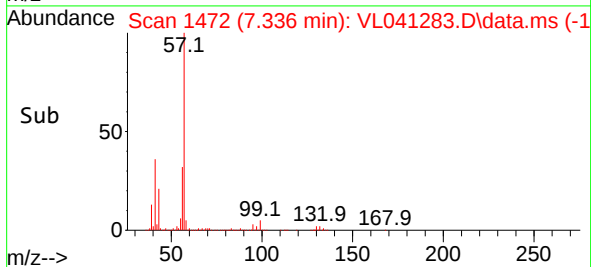
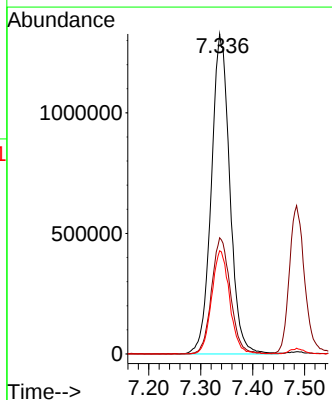
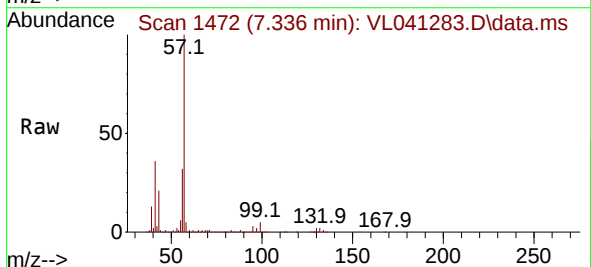
Manual Integrations
APPROVED

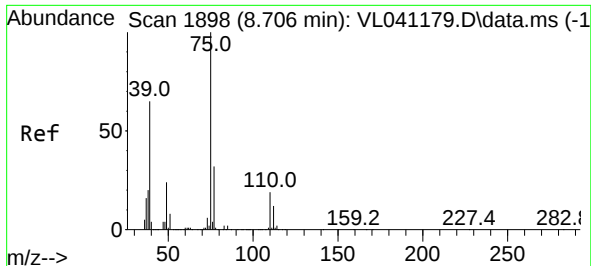
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#44
2,2,4-Trimethylpentane
Concen: 9.658 ppbv
RT: 7.336 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Tgt Ion: 57 Resp: 3278311
Ion Ratio Lower Upper
57 100
41 36.8 29.5 44.3
56 31.5 25.3 37.9





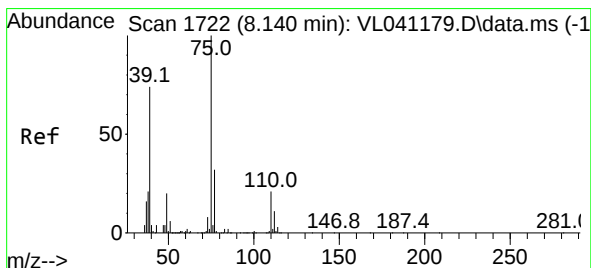
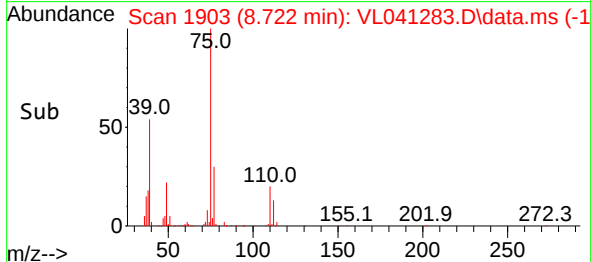
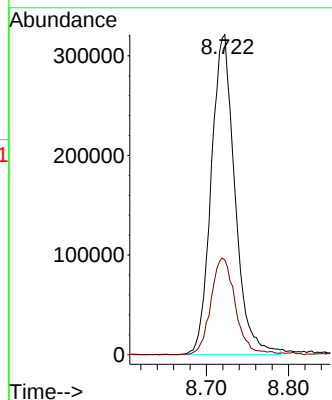
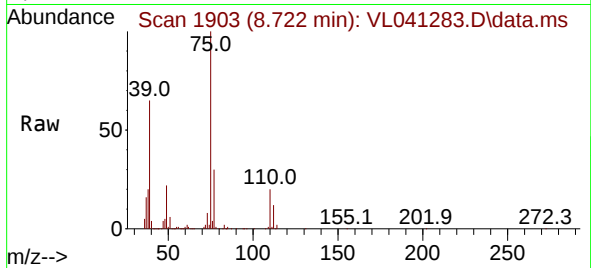
#45
t-1,3-Dichloropropene
Concen: 11.175 ppbv
RT: 8.722 min Scan# 1903
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01

Tgt Ion: 75 Resp: 64482
Ion Ratio Lower Upper
75 100
77 29.6 25.6 38.4

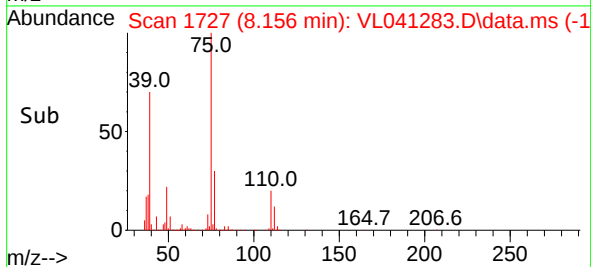
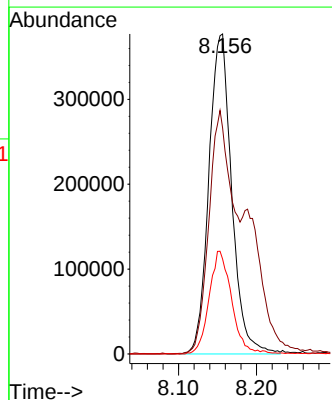
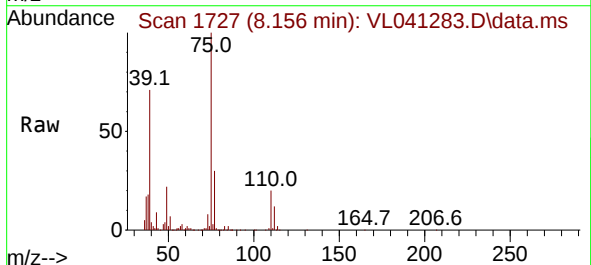
Manual Integrations
APPROVED

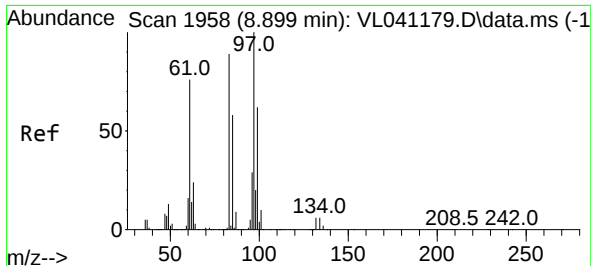
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#46
cis-1,3-Dichloropropene
Concen: 10.854 ppbv
RT: 8.156 min Scan# 1727
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Tgt Ion: 75 Resp: 766755
Ion Ratio Lower Upper
75 100
39 70.5 59.4 89.2
77 29.7 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 10.657 ppbv

RT: 8.906 min Scan# 1958

Delta R.T. -0.003 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VL0524ABS01

Tgt Ion: 97 Resp: 80929

Ion Ratio Lower Upper

97 100

83 88.4 71.2 106.8

85 57.5 46.0 69.0

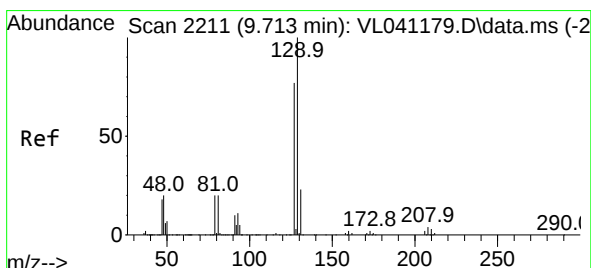
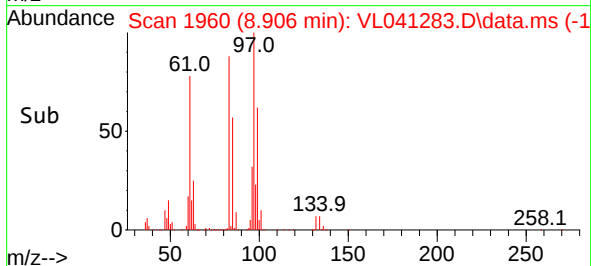
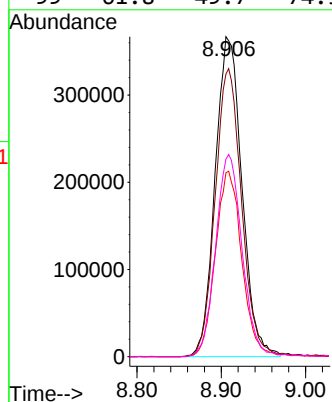
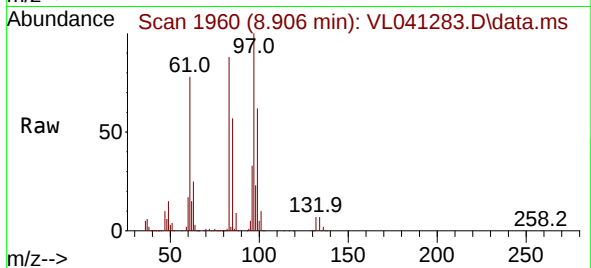
99 61.8 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#48

Dibromochloromethane

Concen: 11.405 ppbv

RT: 9.716 min Scan# 2212

Delta R.T. -0.003 min

Lab File: VL041283.D

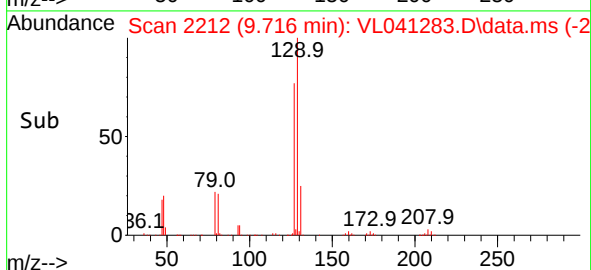
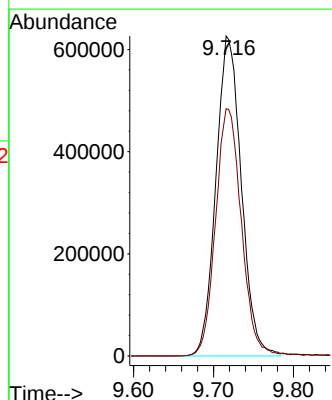
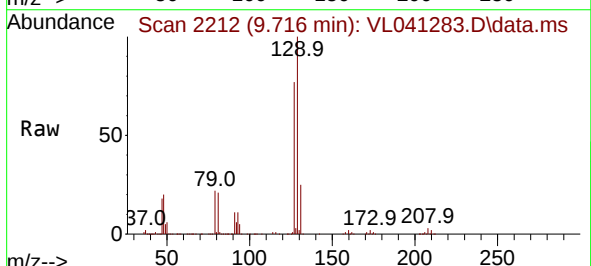
Acq: 24 May 2024 9:43

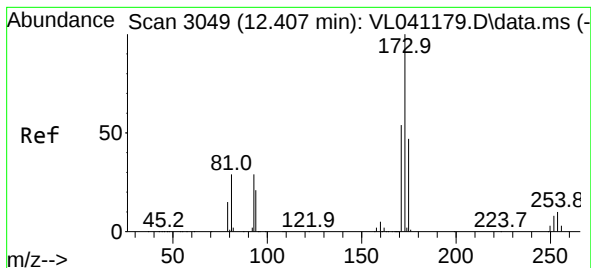
Tgt Ion:129 Resp: 1379991

Ion Ratio Lower Upper

129 100

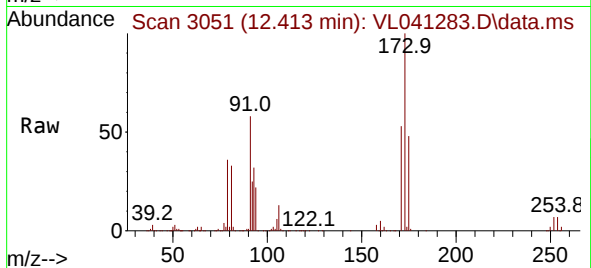
127 78.7 39.1 117.5





#49
Bromoform
Concen: 11.036 ppbv
RT: 12.413 min Scan# 3049
Delta R.T. -0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

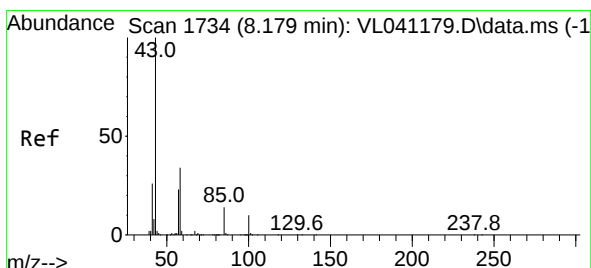
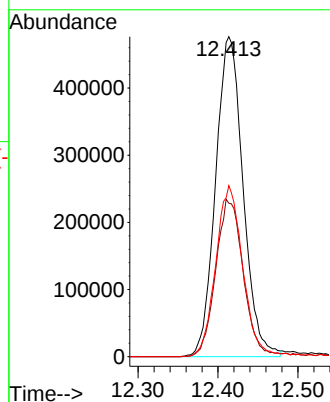
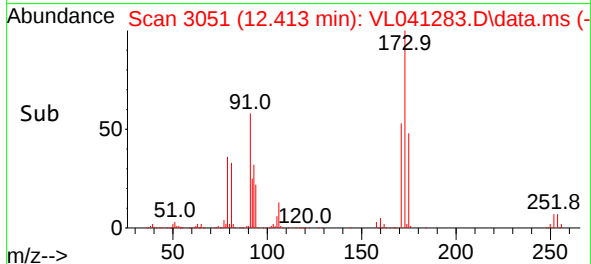
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



Tgt Ion:173 Resp: 1136010
Ion Ratio Lower Upper
173 100
175 49.7 39.8 59.8
171 53.4 41.8 62.8

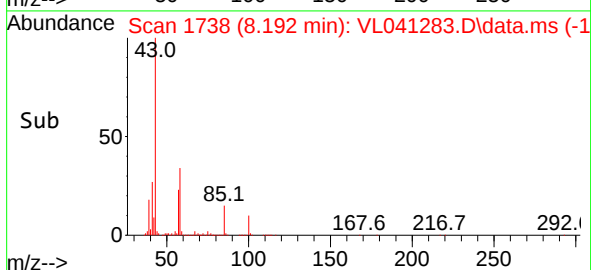
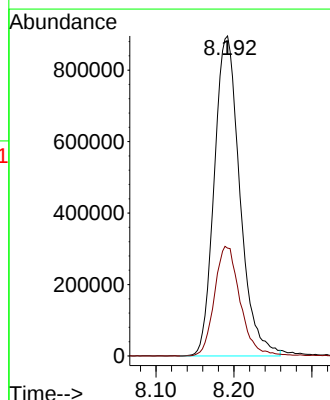
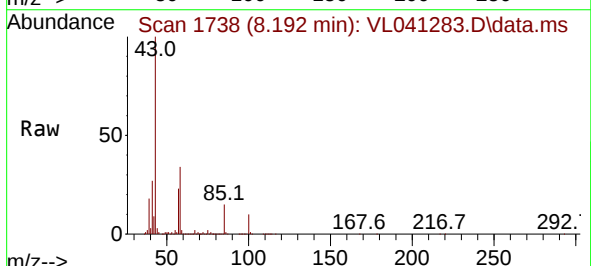
Manual Integrations
APPROVED

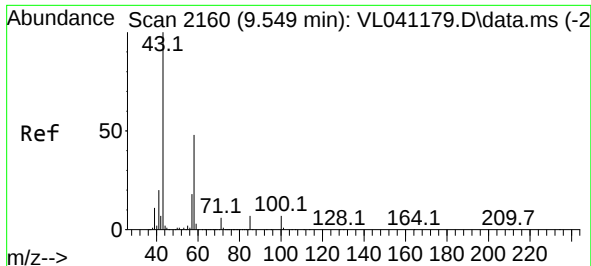
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#50
4-Methyl-2-Pentanone
Concen: 9.535 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

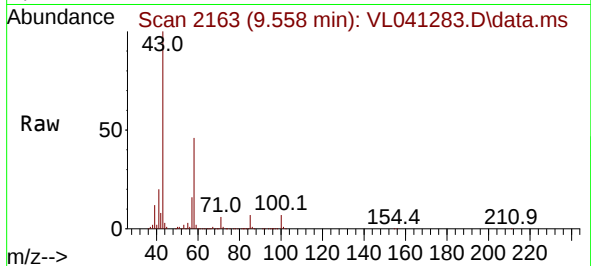
Tgt Ion: 43 Resp: 2043164
Ion Ratio Lower Upper
43 100
58 34.6 27.7 41.5





#51
2-Hexanone
Concen: 9.300 ppbv
RT: 9.558 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

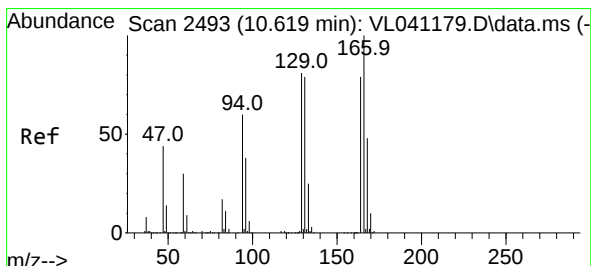
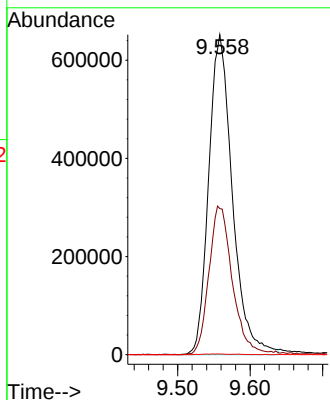
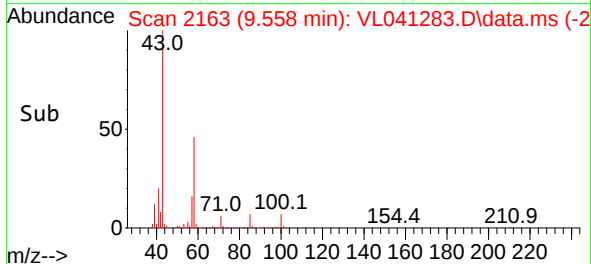
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



Tgt Ion: 43 Resp: 147822
Ion Ratio Lower Upper
43 100
58 46.6 38.4 57.6
98 0.3 0.0 0.0

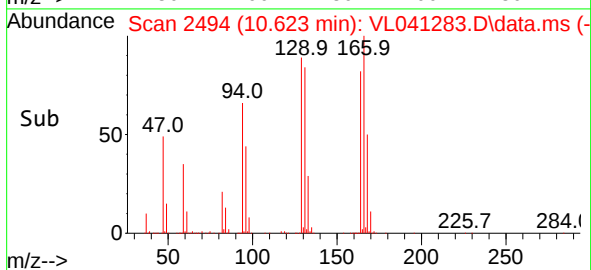
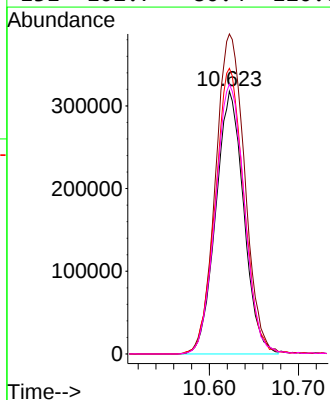
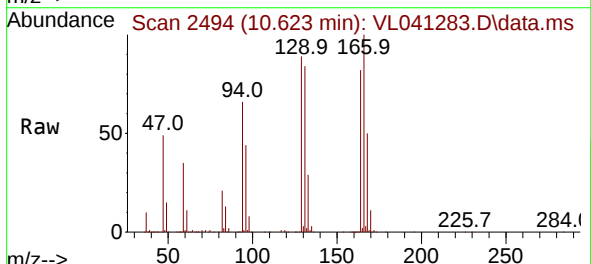
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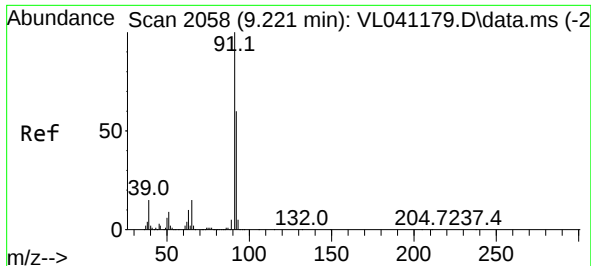
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#52
Tetrachloroethene
Concen: 9.997 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Tgt Ion:164 Resp: 691778
Ion Ratio Lower Upper
164 100
166 121.8 101.1 151.7
129 108.6 81.7 122.5
131 102.7 80.4 120.6





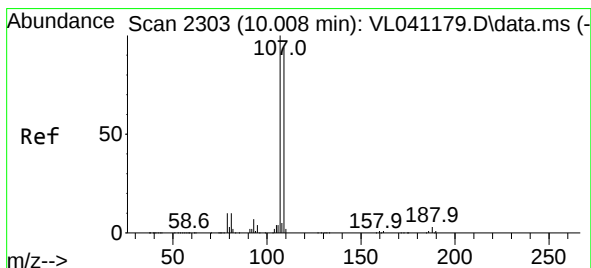
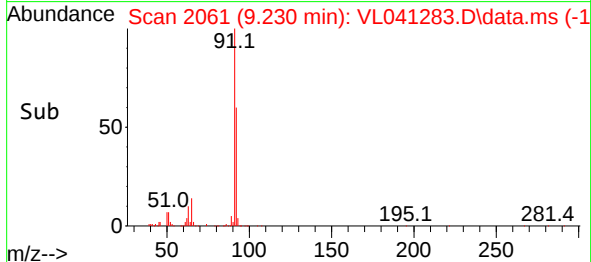
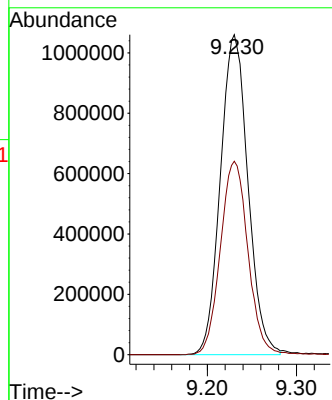
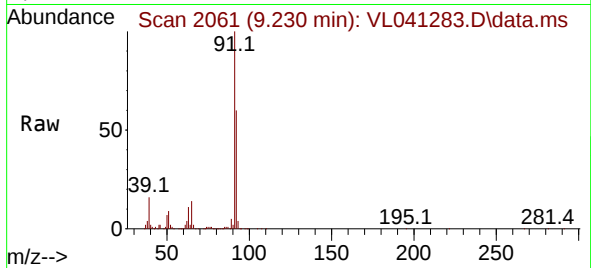
#53
Toluene
Concen: 9.984 ppbv
RT: 9.230 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01

Tgt Ion: 91 Resp: 2279050
Ion Ratio Lower Upper
91 100
92 60.8 48.2 72.4

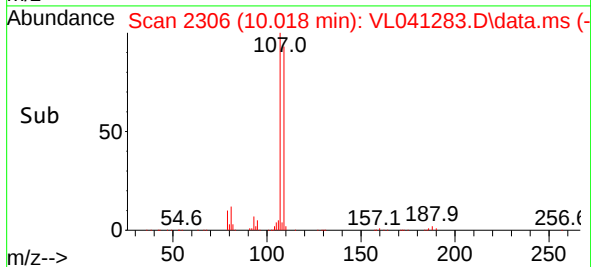
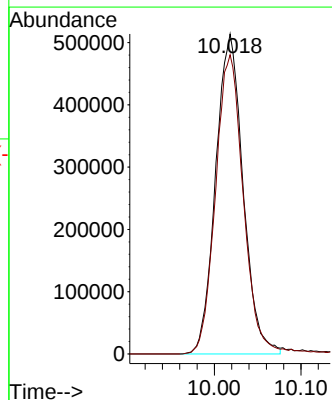
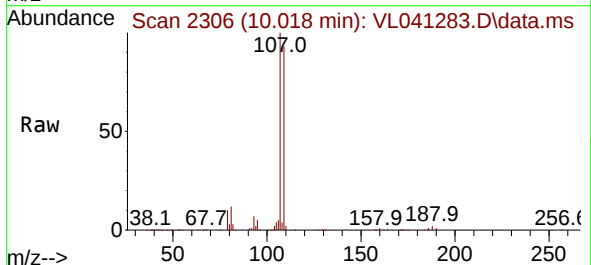
Manual Integrations
APPROVED

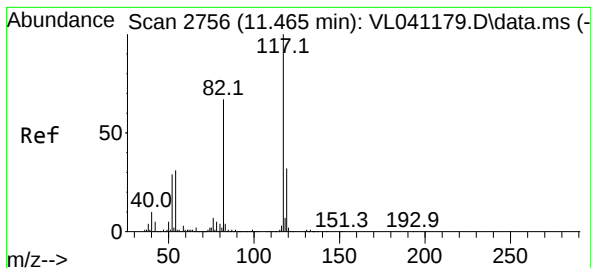
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#54
1,2-Dibromoethane
Concen: 10.977 ppbv
RT: 10.018 min Scan# 2306
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

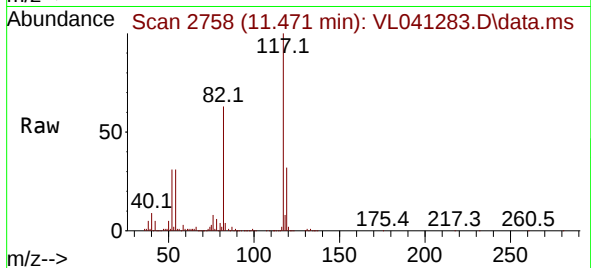
Tgt Ion:107 Resp: 1129077
Ion Ratio Lower Upper
107 100
109 93.5 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

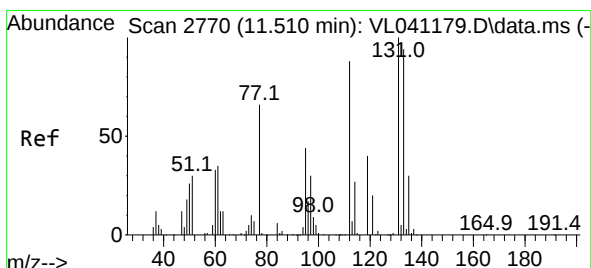
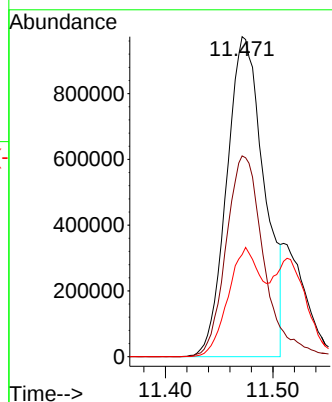
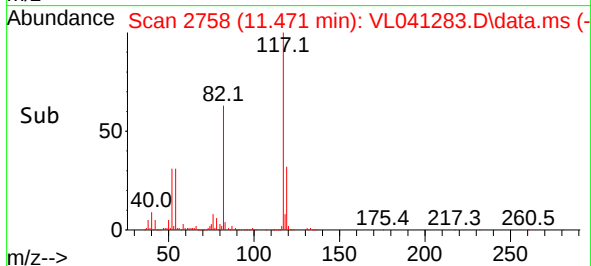
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



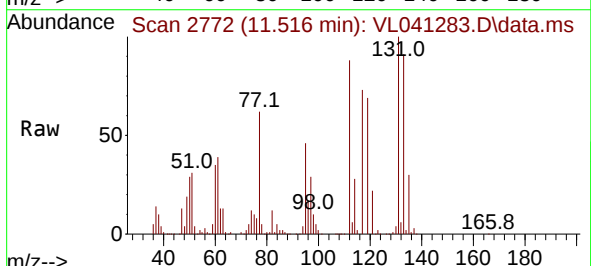
Tgt Ion:117 Resp: 2358960
Ion Ratio Lower Upper
117 100
82 64.0 53.6 80.4
119 31.9 27.2 40.8

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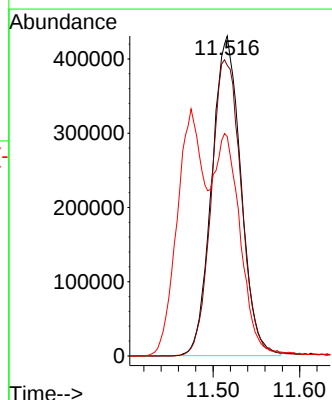
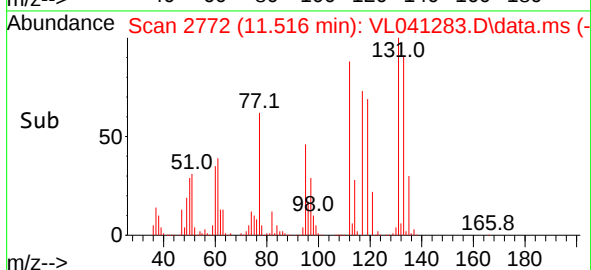
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

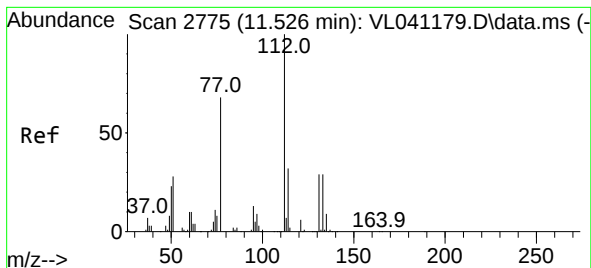


#56
1,1,1,2-Tetrachloroethane
Concen: 10.472 ppbv
RT: 11.516 min Scan# 2772
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



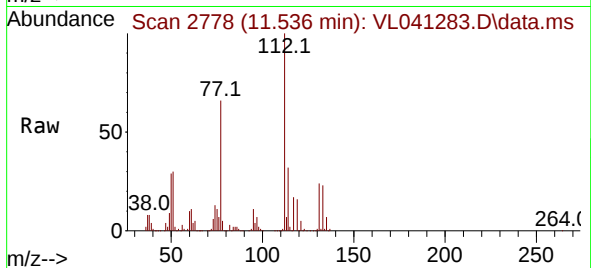
Tgt Ion:131 Resp: 1001663
Ion Ratio Lower Upper
131 100
133 97.0 76.3 114.5
119 70.9 49.4 74.2





#57
Chlorobenzene
Concen: 9.918 ppbv
RT: 11.536 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

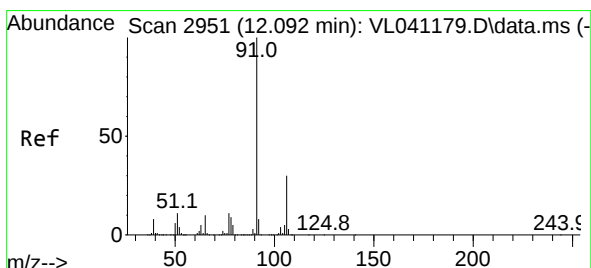
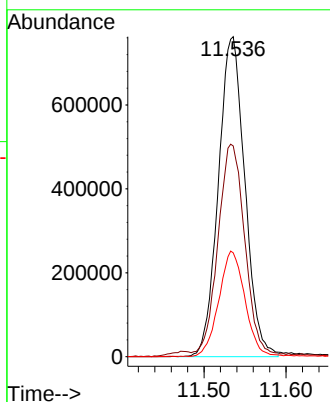
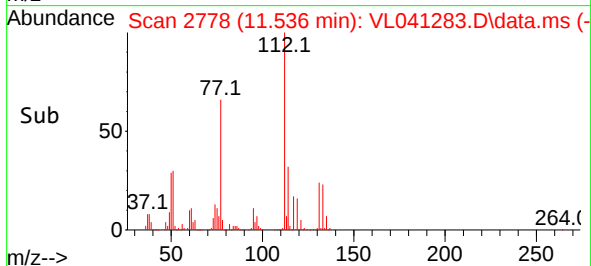
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



Tgt Ion:112 Resp: 171345
Ion Ratio Lower Upper
112 100
77 64.7 54.9 82.3
114 32.3 28.7 35.1

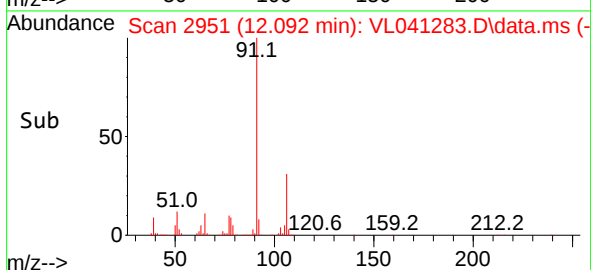
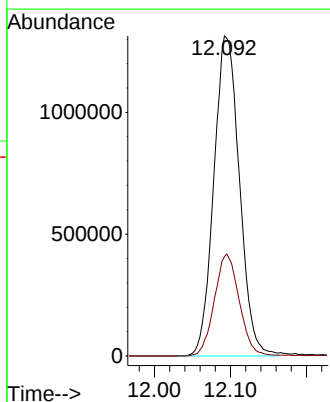
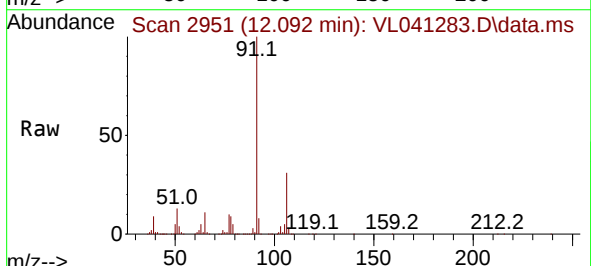
Manual Integrations
APPROVED

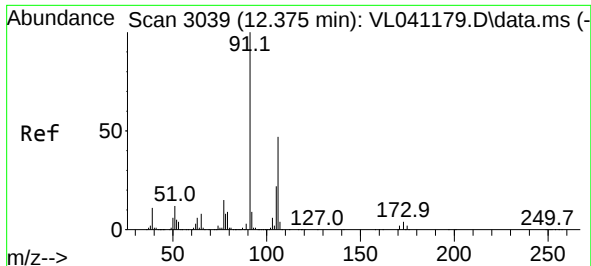
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#58
Ethyl Benzene
Concen: 9.499 ppbv
RT: 12.092 min Scan# 2951
Delta R.T. -0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Tgt Ion: 91 Resp: 3072478
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5





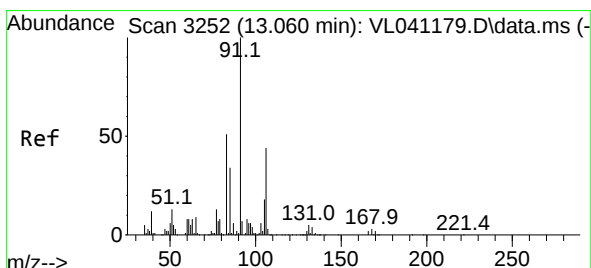
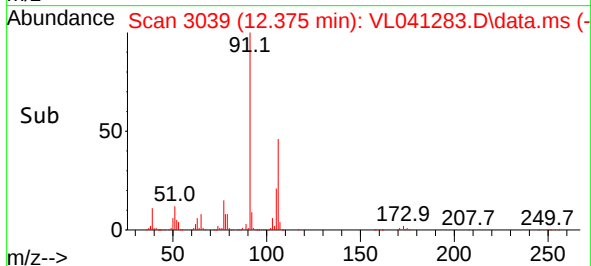
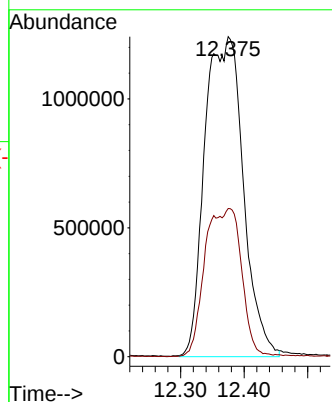
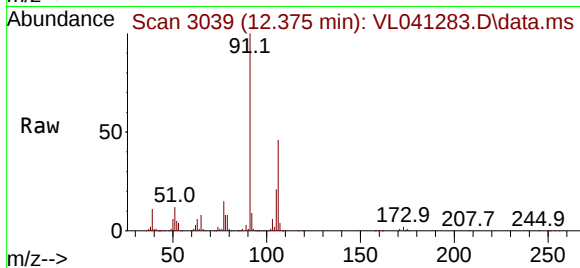
#59
m/p-Xylene
Concen: 19.197 ppbv m
RT: 12.375 min Scan# 3039
Delta R.T. -0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01

Tgt Ion: 91 Resp: 5218734
Ion Ratio Lower Upper
91 100
106 44.3 35.7 53.5

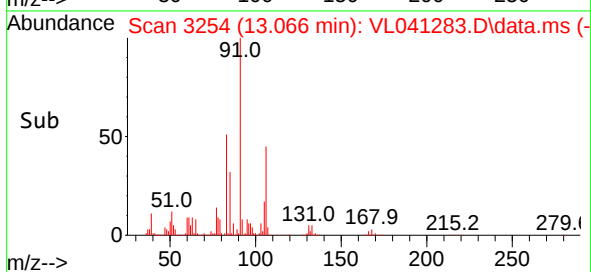
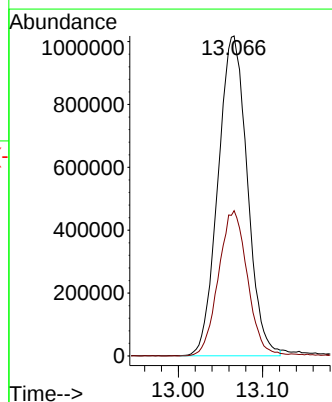
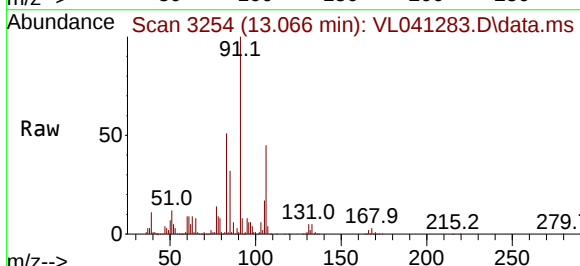
Manual Integrations
APPROVED

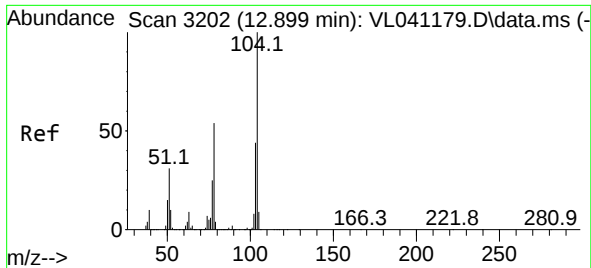
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#60
o-Xylene
Concen: 9.616 ppbv
RT: 13.066 min Scan# 3254
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

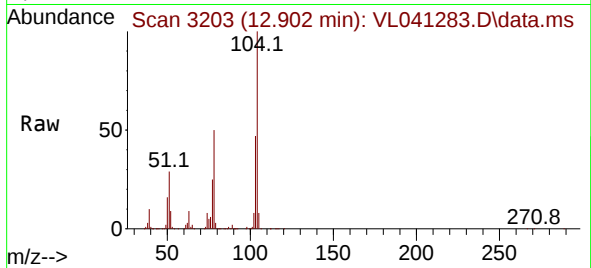
Tgt Ion: 91 Resp: 2450430
Ion Ratio Lower Upper
91 100
106 45.4 22.4 67.3





#61
Styrene
Concen: 9.860 ppbv
RT: 12.902 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

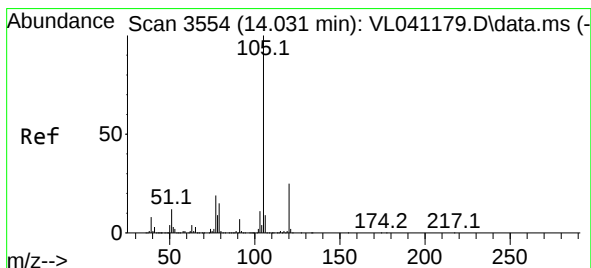
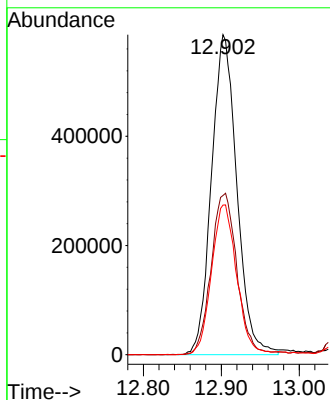
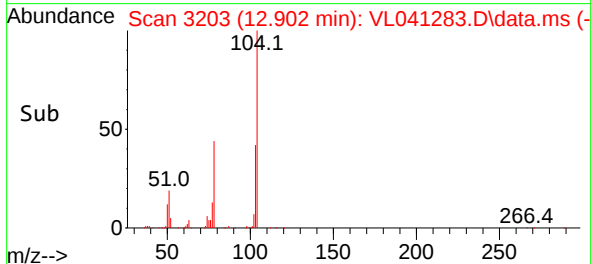
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



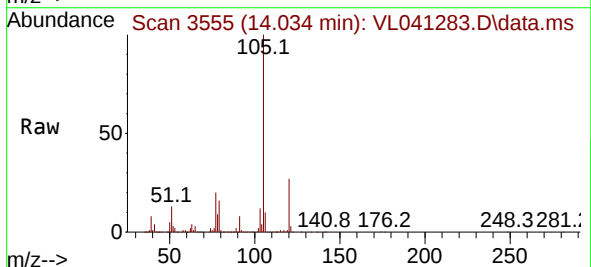
Tgt Ion:104 Resp: 132729
Ion Ratio Lower Upper
104 100
78 52.1 42.6 63.8
103 47.2 38.4 57.6

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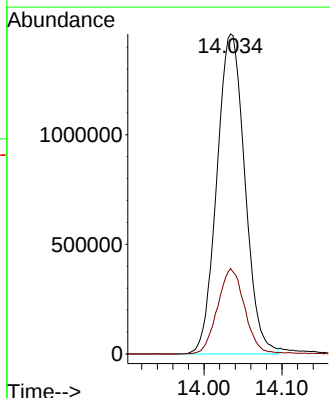
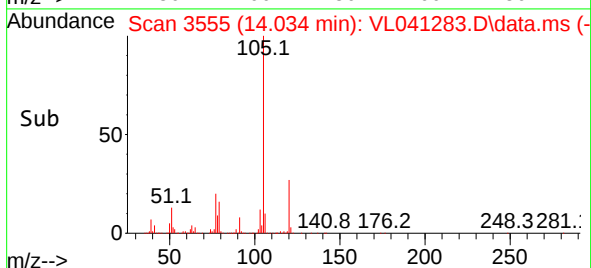
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

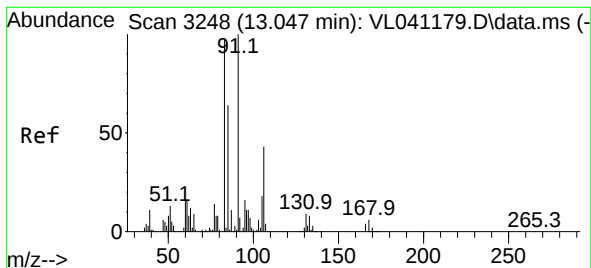


#62
Isopropylbenzene
Concen: 9.566 ppbv
RT: 14.034 min Scan# 3555
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



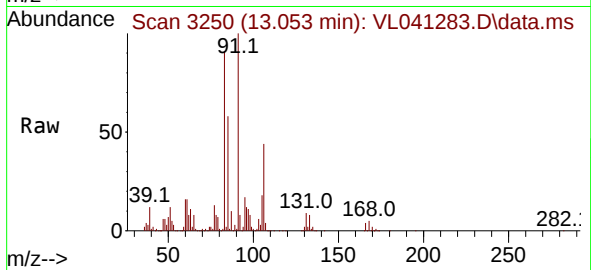
Tgt Ion:105 Resp: 3646408
Ion Ratio Lower Upper
105 100
120 26.1 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 9.975 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

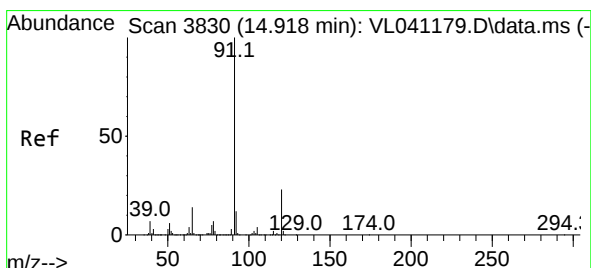
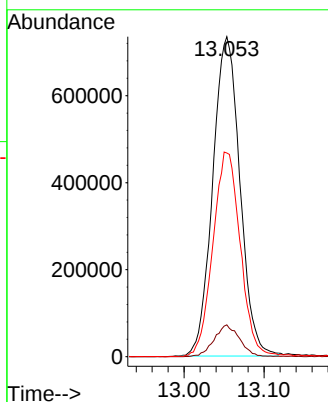
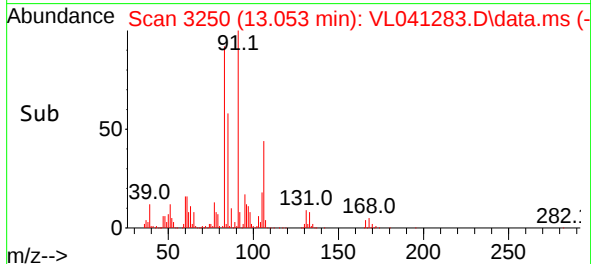
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



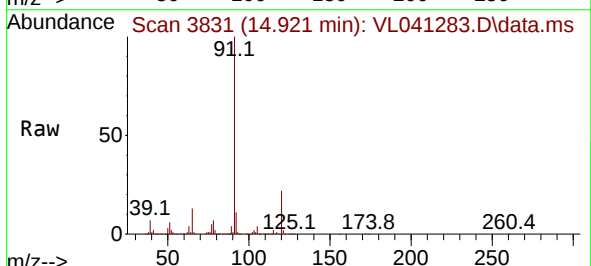
Tgt Ion: 83 Resp: 173265
Ion Ratio Lower Upper
83 100
131 9.4 4.5 13.5
85 65.5 32.7 98.1

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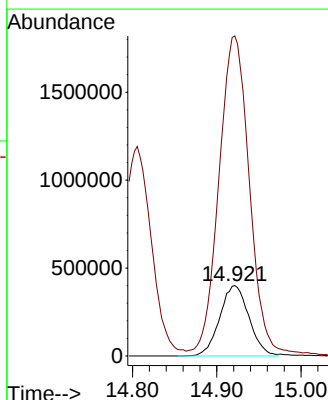
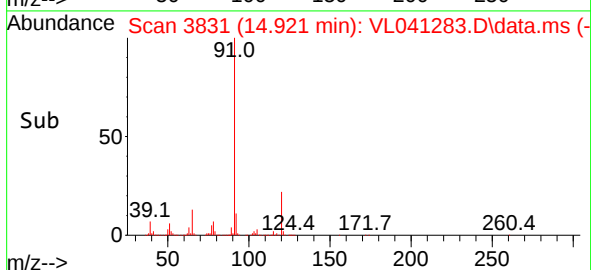
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

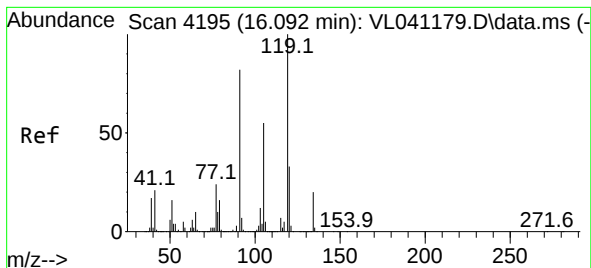


#64
n-propylbenzene
Concen: 10.134 ppbv
RT: 14.921 min Scan# 3831
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



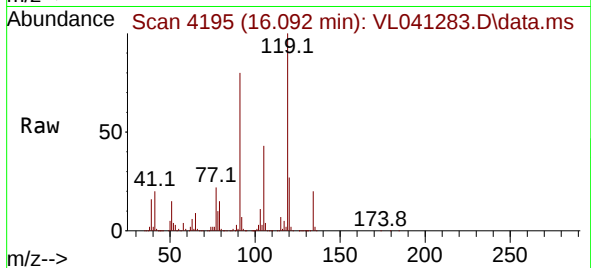
Tgt Ion:120 Resp: 963717
Ion Ratio Lower Upper
120 100
91 479.2 384.8 577.2





#65
tert-Butylbenzene
Concen: 9.496 ppbv
RT: 16.092 min Scan# 4195
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

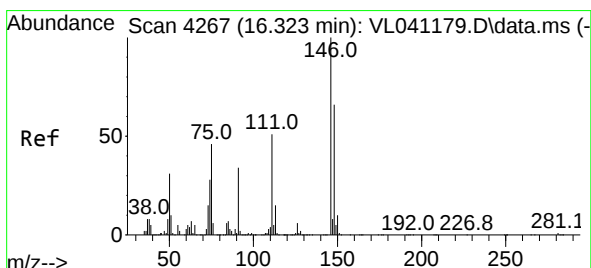
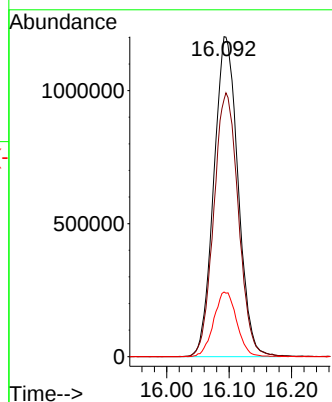
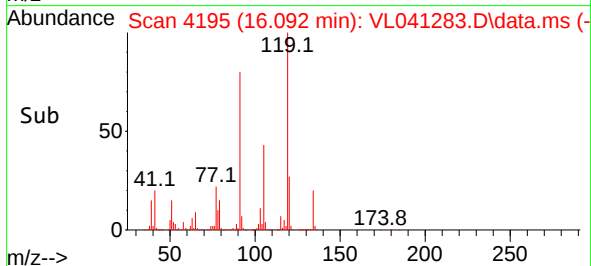
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



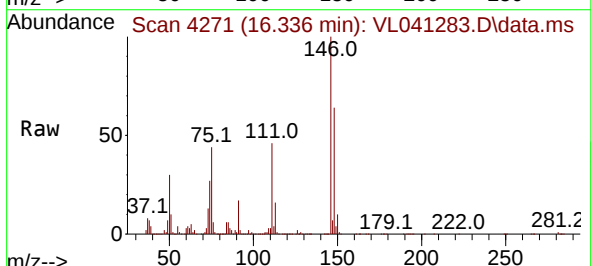
Tgt Ion: 119 Resp: 3241950
Ion Ratio Lower Upper
119 100
91 83.8 67.0 100.4
134 19.3 15.2 22.8

Manual Integrations
APPROVED

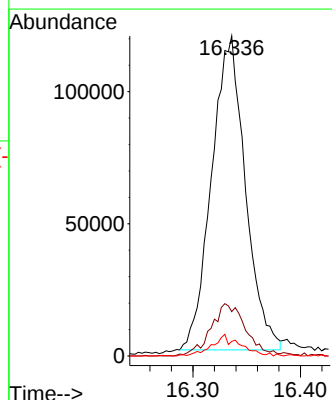
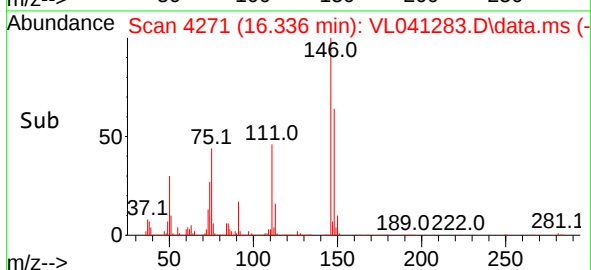
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

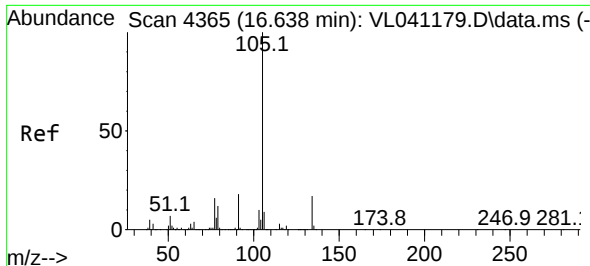


#66
Benzyl Chloride
Concen: 6.708 ppbv
RT: 16.336 min Scan# 4271
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



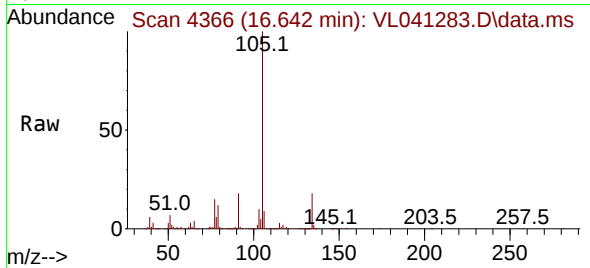
Tgt Ion: 91 Resp: 259246
Ion Ratio Lower Upper
91 100
126 17.7 14.6 21.8
128 5.8 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 9.607 ppbv
 RT: 16.642 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43

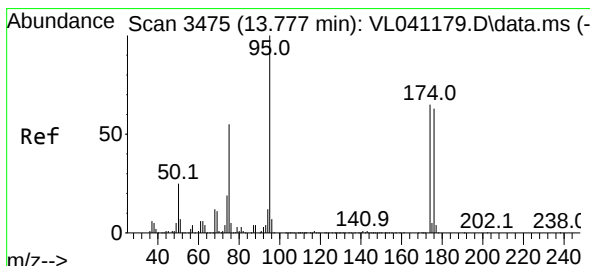
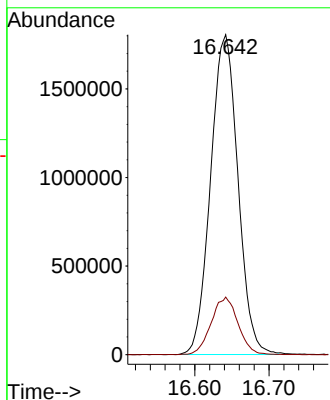
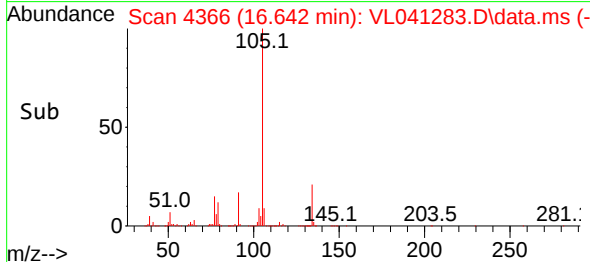
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0524ABS01



Tgt Ion: 105 Resp: 461696
 Ion Ratio Lower Upper
 105 100
 134 17.8 13.8 20.8

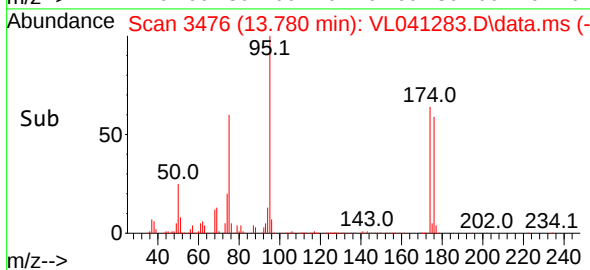
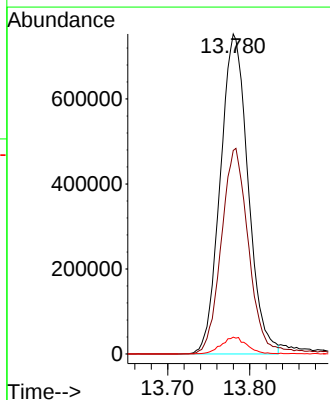
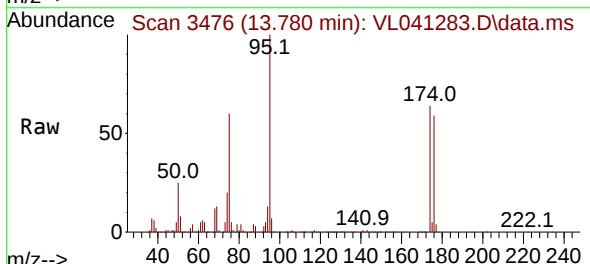
Manual Integrations
 APPROVED

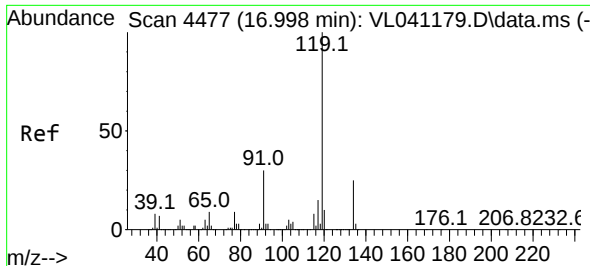
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.948 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43

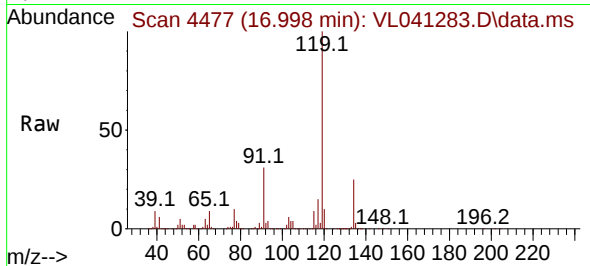
Tgt Ion: 95 Resp: 1771628
 Ion Ratio Lower Upper
 95 100
 174 64.6 53.6 80.4
 175 5.0 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.713 ppbv
RT: 16.998 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

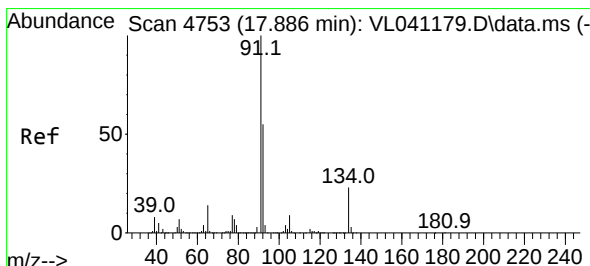
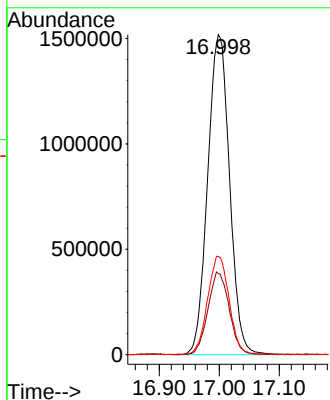
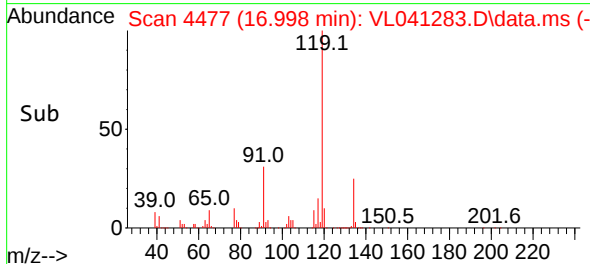
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



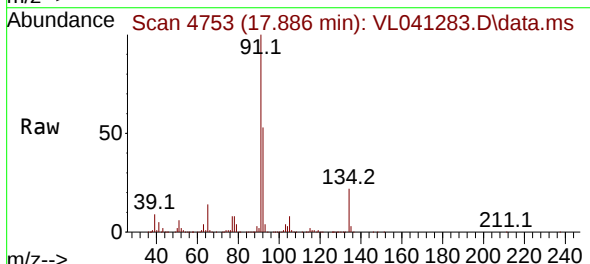
Tgt Ion:119 Resp: 3846650
Ion Ratio Lower Upper
119 100
134 25.2 20.1 30.1
91 30.2 24.2 36.2

Manual Integrations
APPROVED

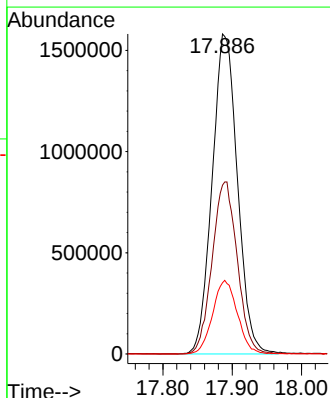
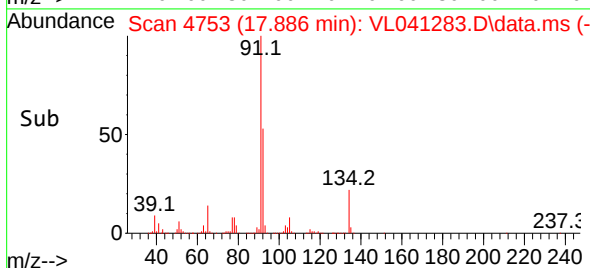
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

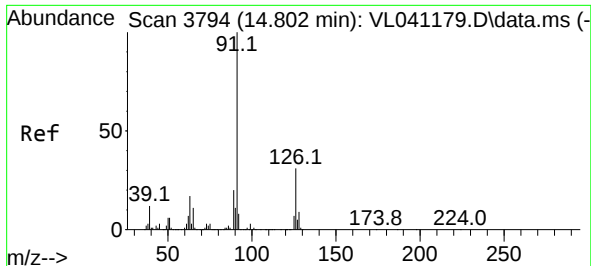


#70
n-Butylbenzene
Concen: 9.686 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. -0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



Tgt Ion: 91 Resp: 4006264
Ion Ratio Lower Upper
91 100
92 53.6 43.3 64.9
134 22.6 17.8 26.8





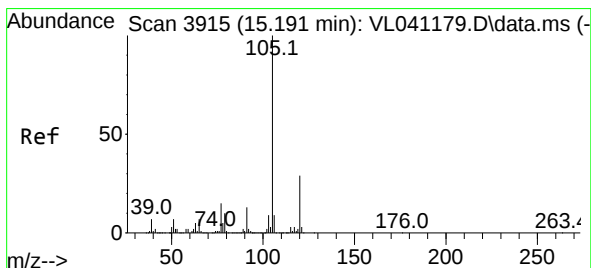
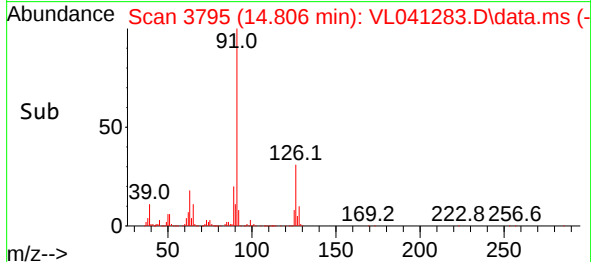
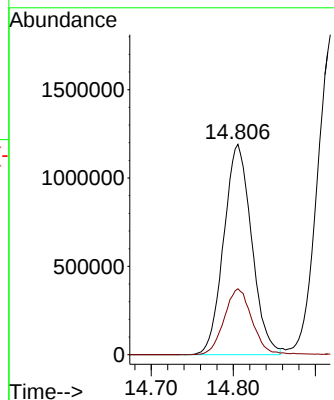
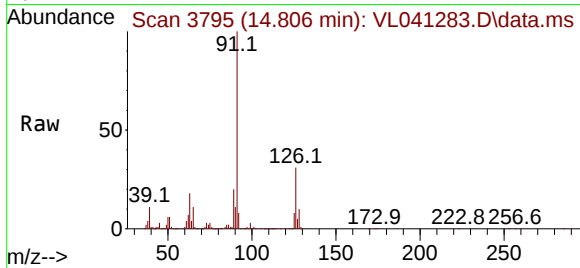
#71
2-Chlorotoluene
Concen: 9.705 ppbv
RT: 14.806 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01

Tgt Ion: 91 Resp: 281662
Ion Ratio Lower Upper
91 100
126 31.7 12.2 48.8

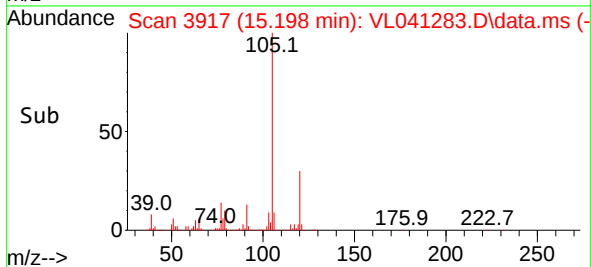
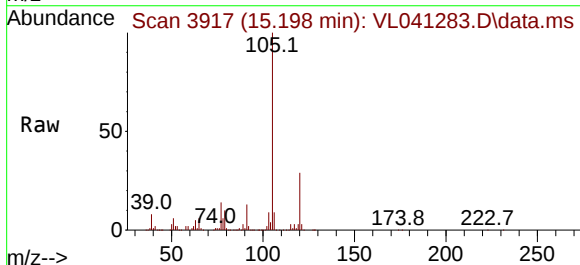
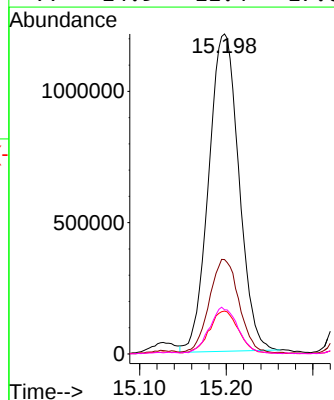
Manual Integrations
APPROVED

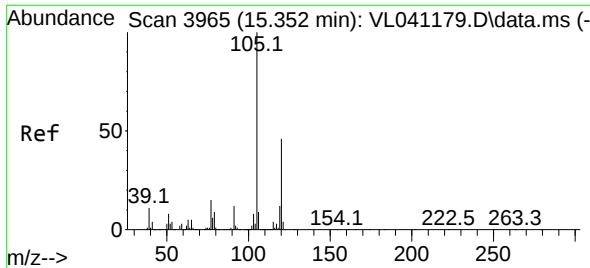
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#72
4-Ethyltoluene
Concen: 10.140 ppbv
RT: 15.198 min Scan# 3917
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

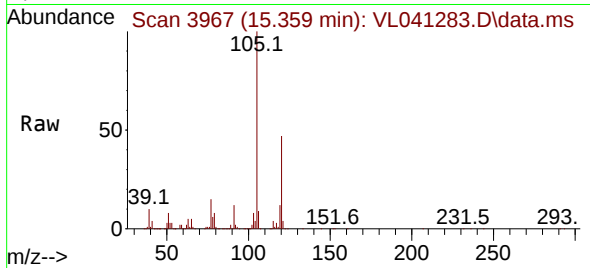
Tgt Ion:105 Resp: 2926711
Ion Ratio Lower Upper
105 100
120 30.9 24.7 37.1
91 13.3 10.3 15.5
77 14.9 11.4 17.0





#73
1,3,5-Trimethylbenzene
Concen: 9.852 ppbv
RT: 15.359 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

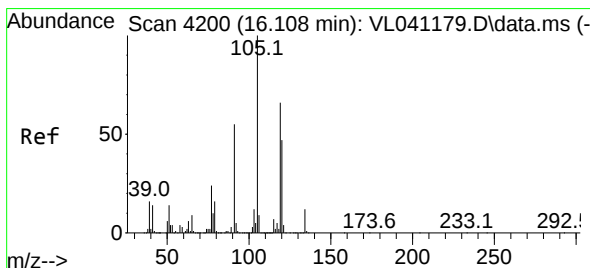
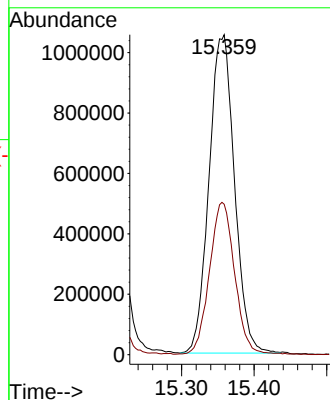
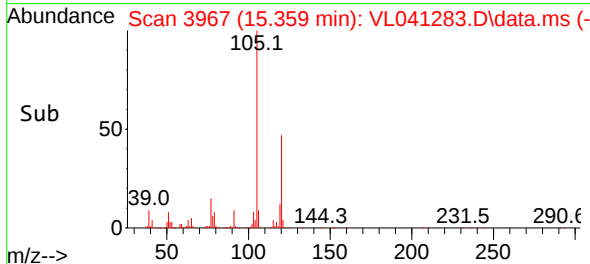
Instrument : MSVOA_L
ClientSampleId : VL0524ABS01



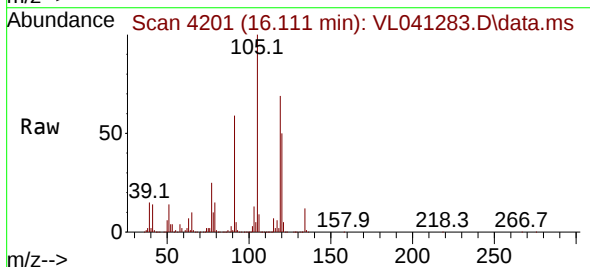
Tgt Ion:105 Resp: 2573014
Ion Ratio Lower Upper
105 100
120 47.0 37.0 55.4

Manual Integrations
APPROVED

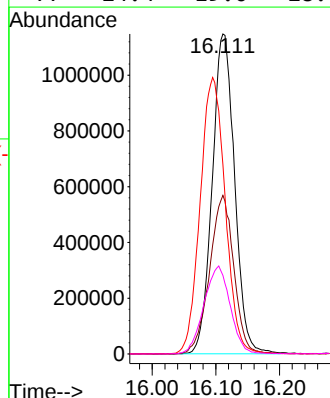
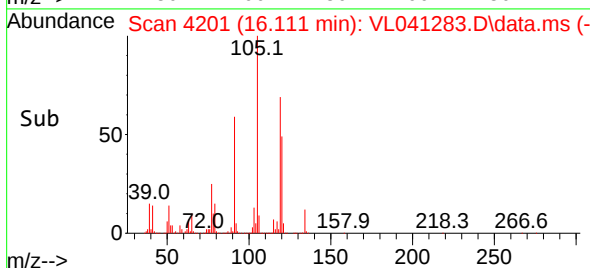
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

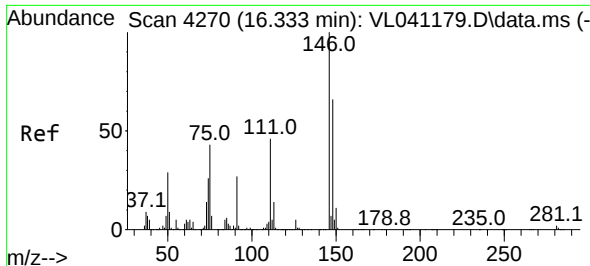


#74
1,2,4-Trimethylbenzene
Concen: 9.847 ppbv
RT: 16.111 min Scan# 4201
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



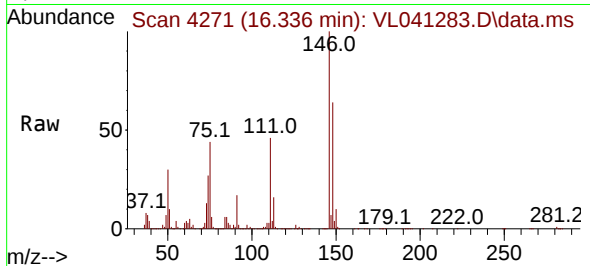
Tgt Ion:105 Resp: 2808771
Ion Ratio Lower Upper
105 100
120 49.3 37.8 56.6
91 59.0 44.3 66.5
77 24.4 19.0 28.4





#75
1,3-Dichlorobenzene
Concen: 10.203 ppbv
RT: 16.336 min Scan# 41
Delta R.T. 0.000 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43

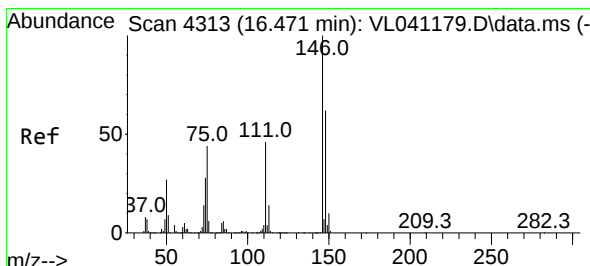
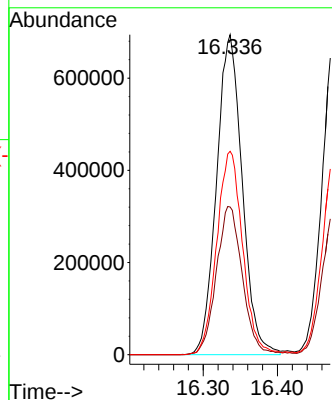
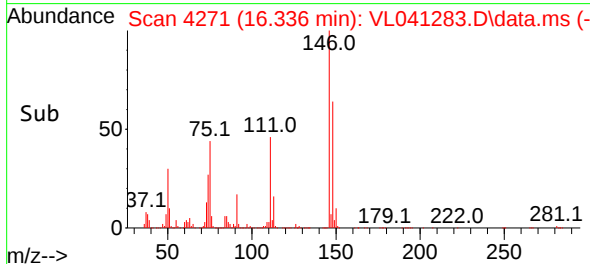
Instrument :
MSVOA_L
ClientSampleId :
VL0524ABS01



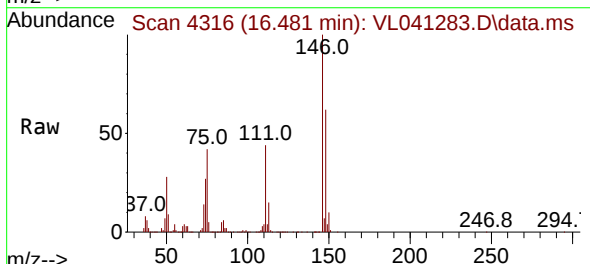
Tgt Ion:146 Resp: 166880
Ion Ratio Lower Upper
146 100
111 46.8 23.7 71.1
148 64.3 32.5 97.4

Manual Integrations
APPROVED

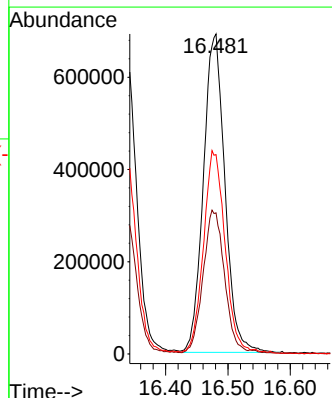
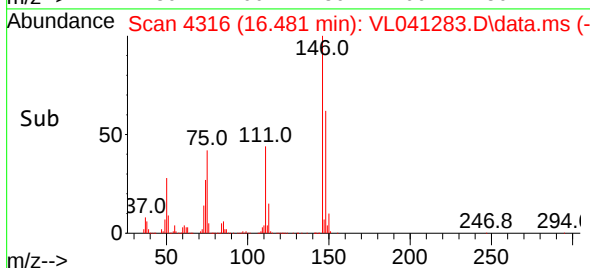
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

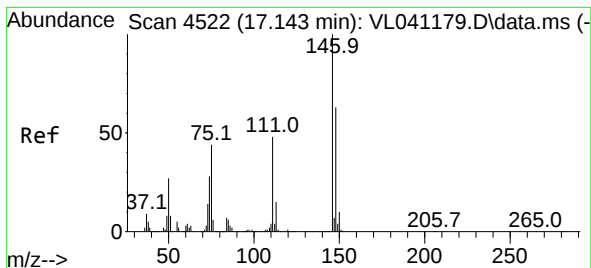


#76
1,4-Dichlorobenzene
Concen: 10.539 ppbv
RT: 16.481 min Scan# 4316
Delta R.T. 0.003 min
Lab File: VL041283.D
Acq: 24 May 2024 9:43



Tgt Ion:146 Resp: 1657703
Ion Ratio Lower Upper
146 100
111 45.8 23.3 69.8
148 65.2 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 9.986 ppbv

RT: 17.150 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VL0524ABS01

Tgt Ion:146 Resp: 1632589

Ion Ratio Lower Upper

146 100

111 48.5 24.5 73.5

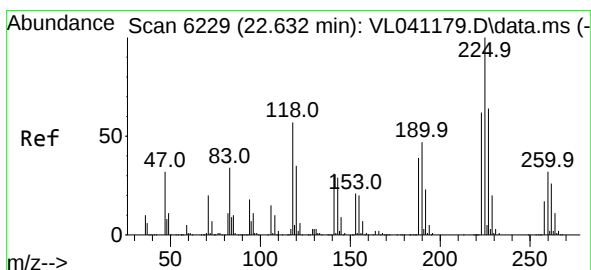
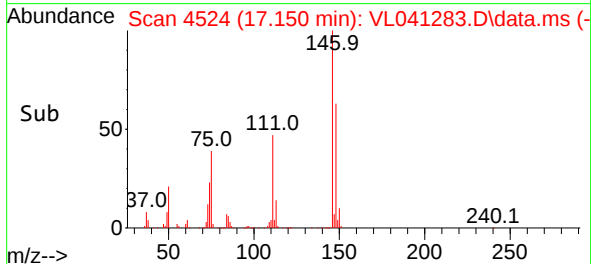
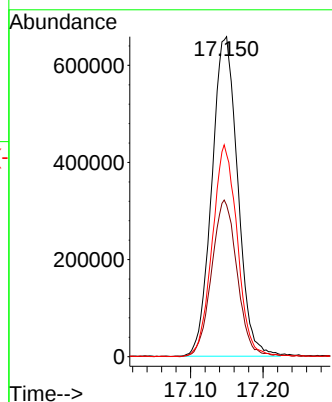
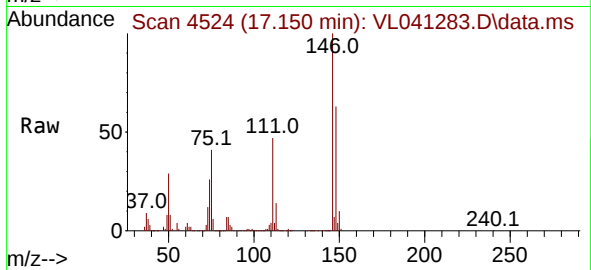
148 64.5 32.6 98.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#78

Hexachloro-1,3-Butadiene

Concen: 7.978 ppbv

RT: 22.635 min Scan# 6230

Delta R.T. 0.000 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

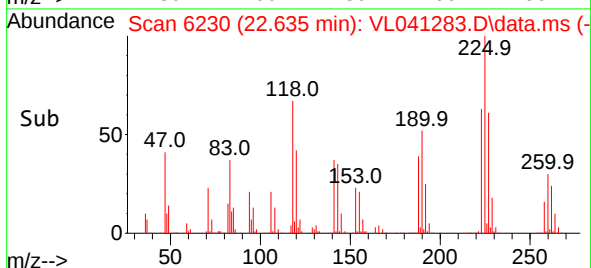
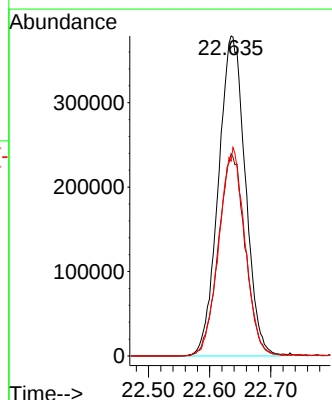
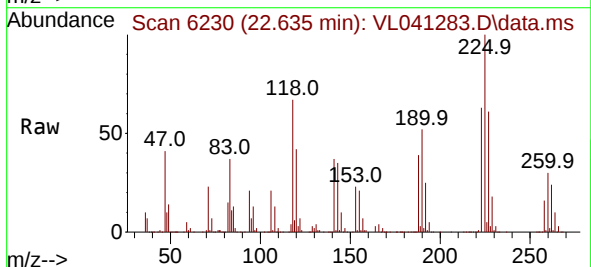
Tgt Ion:225 Resp: 1159259

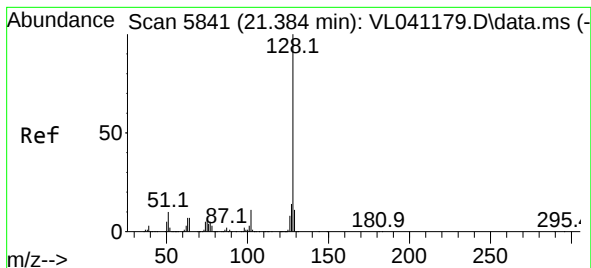
Ion Ratio Lower Upper

225 100

223 62.9 50.9 76.3

227 63.2 52.0 78.0





#79

Naphthalene

Concen: 10.198 ppbv

RT: 21.387 min Scan# 5841

Delta R.T. 0.003 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

Instrument :

MSVOA_L

ClientSampleId :

VL0524ABS01

Tgt Ion:128 Resp: 276999

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

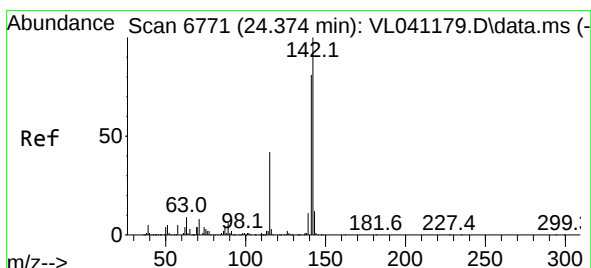
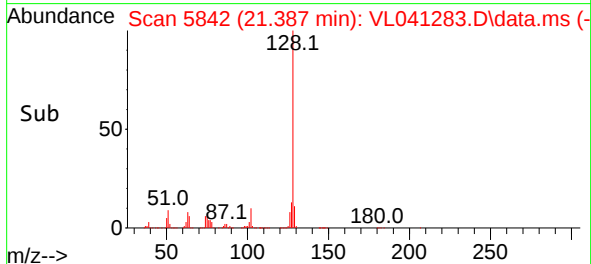
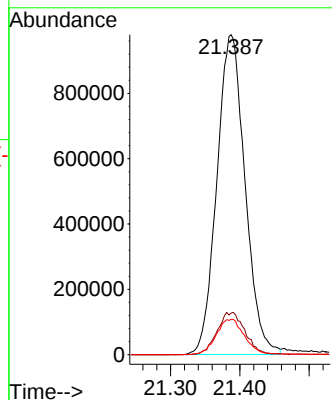
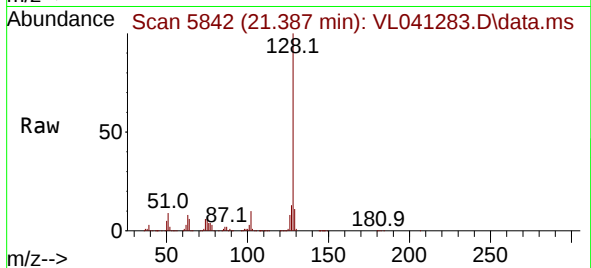
129 11.1 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#80

Naphthalene,2-methyl-

Concen: 7.429 ppbv

RT: 24.378 min Scan# 6772

Delta R.T. 0.003 min

Lab File: VL041283.D

Acq: 24 May 2024 9:43

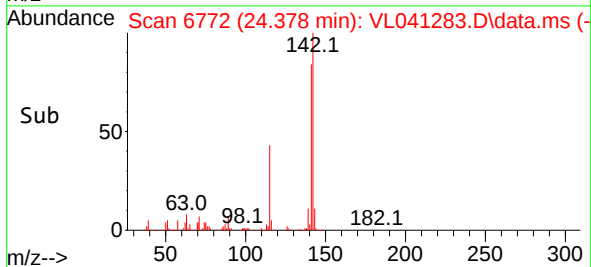
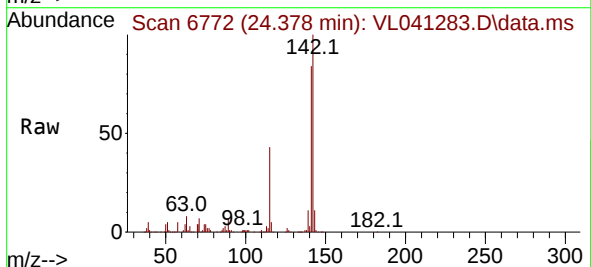
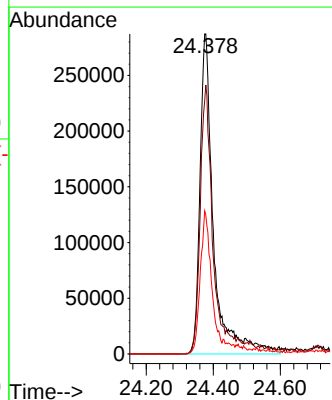
Tgt Ion:142 Resp: 811776

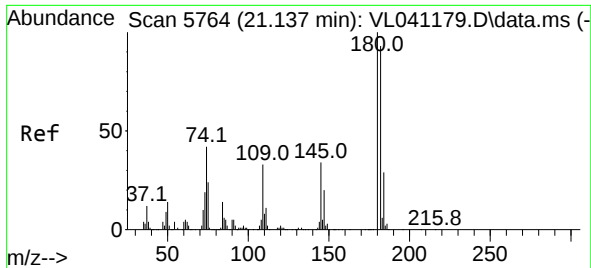
Ion Ratio Lower Upper

142 100

141 84.7 67.9 101.9

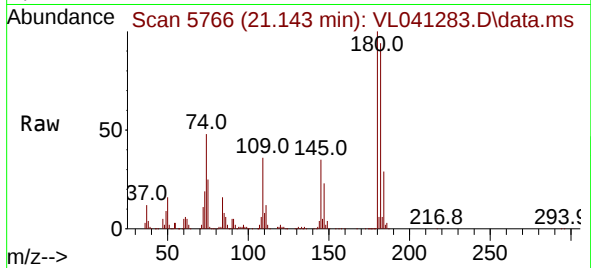
115 39.2 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.371 ppbv
 RT: 21.143 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VL041283.D
 Acq: 24 May 2024 9:43

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0524ABS01



Tgt Ion:180 Resp: 1344019
 Ion Ratio Lower Upper
 180 100
 182 96.7 77.2 115.8
 184 30.7 24.6 36.8

Manual Integrations
 APPROVED

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

