

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042924\
 Data File : VL041186.D
 Acq On : 29 Apr 2024 16:07
 Operator : SY/MD
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICSVVL042924

Quant Time: Apr 30 05:51:25 2024

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

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

QLast Update : Tue Apr 30 05:46:58 2024

Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.189	49	893295	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2276414	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.468	117	2243763	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.777 95 1657417 9.784 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.800%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.723	85	1368658	11.327	ppbv	99
3) Chlorodifluoromethane	2.668	51	1410019	10.393	ppbv	100
4) Chloromethane	2.806	50	571176	10.729	ppbv	94
5) Vinyl Chloride	2.912	62	568679	10.633	ppbv	98
6) Bromomethane	3.115	94	188896	9.681	ppbv	98
7) Chloroethane	3.192	64	197315	10.450	ppbv	97
8) Dichlorotetrafluoroethane	2.851	85	1285750	10.280	ppbv	97
9) Propene	2.687	41	559271	10.533	ppbv	98
10) Heptane	7.578	43	1333261	10.364	ppbv	99
11) Trichlorofluoromethane	3.555	101	1286132	10.473	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.060	101	951186	10.474	ppbv	99
13) Ethanol	3.231	45	124454m	10.456	ppbv	
14) Bromoethene	3.359	108	390641	10.423	ppbv	96
15) Acetone	3.462	43	1034358	9.811	ppbv	98
16) 1,3-Butadiene	2.980	39	586237	11.016	ppbv	97
17) tert-Butyl alcohol	3.870	59	1260539	11.084	ppbv	99
18) 1,1-Dichloroethene	3.874	96	434348	10.727	ppbv	97
19) Isopropyl Alcohol	3.568	45	801331	11.583	ppbv #	43
20) Methylene Chloride	3.928	84	362601	9.891	ppbv	93
21) Allyl Chloride	3.989	41	726158	10.564	ppbv	98
22) trans-1,2-Dichloroethene	4.440	96	442043	10.498	ppbv	97
23) Vinyl Acetate	4.620	43	1261865	10.870	ppbv	99
24) 1,1-Dichloroethane	4.558	63	957175	10.603	ppbv	99
25) Ethyl Acetate	5.202	43	2225745	10.577	ppbv	100
26) Hexane	5.208	57	984682	10.486	ppbv	98
27) Carbon Disulfide	4.121	76	1174842	10.569	ppbv	98
28) Methyl tert-Butyl Ether	4.581	73	777294	10.396	ppbv	99
29) Chloroform	5.272	83	1386020	10.699	ppbv	100
30) Cyclohexane	6.600	84	791750	10.651	ppbv	100
31) cis-1,2-Dichloroethene	5.073	61	960086	10.921	ppbv	99
32) 1,1,1-Trichloroethane	6.002	97	1376318	10.648	ppbv	99
34) 2-Butanone	4.784	43	1316831	11.365	ppbv	100
35) Carbon Tetrachloride	6.491	117	1391481	10.892	ppbv	98
36) Benzene	6.369	78	2001293	10.476	ppbv	99
37) 1,2-Dichloroethane	5.806	62	1086990	10.906	ppbv	100
38) Trichloroethene	7.292	130	704357	9.894	ppbv	98
39) 1,2-Dichloropropane	7.073	63	789305	10.721	ppbv	97
40) 1,4-Dioxane	7.282	88	301403	11.459	ppbv	92
41) Tetrahydrofuran	5.552	42	880889	10.502	ppbv	99
42) Bromodichloromethane	7.246	83	1572664	11.002	ppbv	98
43) Methyl Methacrylate	7.475	69	816783	10.571	ppbv	98
44) 2,2,4-Trimethylpentane	7.327	57	3384698	10.276	ppbv	99
45) t-1,3-Dichloropropene	8.709	75	601911	10.750	ppbv	97

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Instrument :
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 ClientSampleId :
 ICVVL042924

Manual Integrations
 APPROVED

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

Quant Time: Apr 30 05:51:25 2024

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

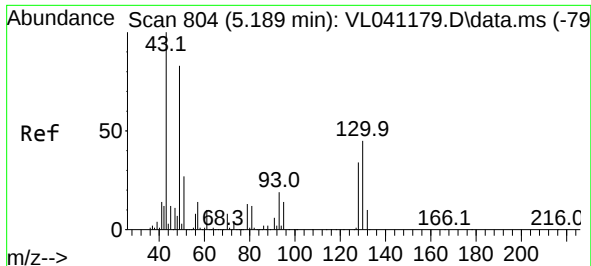
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Tue Apr 30 05:46:58 2024

Response via : Initial Calibration

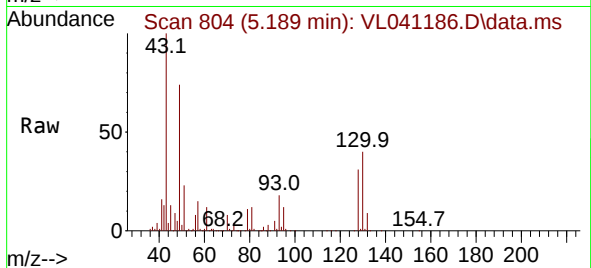
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.140	75	714722	10.427	ppbv	95
47) 1,1,2-Trichloroethane	8.896	97	787119	10.682	ppbv	99
48) Dibromochloromethane	9.709	129	1293536	11.017	ppbv	100
49) Bromoform	12.410	173	1125747	11.271	ppbv	99
50) 4-Methyl-2-Pentanone	8.179	43	2086731	10.036	ppbv	99
51) 2-Hexanone	9.549	43	1537564	9.969	ppbv #	100
52) Tetrachloroethene	10.616	164	693859	10.334	ppbv	99
53) Toluene	9.221	91	2294296	10.358	ppbv	99
54) 1,2-Dibromoethane	10.008	107	1066096	10.681	ppbv	100
56) 1,1,1,2-Tetrachloroethane	11.507	131	940466	10.337	ppbv	94
57) Chlorobenzene	11.529	112	1639510	9.977	ppbv	98
58) Ethyl Benzene	12.089	91	3047178	9.904	ppbv	99
59) m/p-Xylene	12.372	91	5088665m	19.679	ppbv	
60) o-Xylene	13.060	91	2389774	9.859	ppbv	99
61) Styrene	12.899	104	1305847	10.199	ppbv	100
62) Isopropylbenzene	14.031	105	3576053	9.864	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.050	83	1686414	10.207	ppbv	99
64) n-propylbenzene	14.915	120	918962	10.160	ppbv	100
65) tert-Butylbenzene	16.092	119	3109298	9.575	ppbv	99
66) Benzyl Chloride	16.326	91	301037m	8.190	ppbv	
67) sec-Butylbenzene	16.638	105	4420713	9.671	ppbv	100
69) p-Isopropyltoluene	16.999	119	3648250	9.685	ppbv	100
70) n-Butylbenzene	17.886	91	3844940	9.773	ppbv	100
71) 2-Chlorotoluene	14.799	91	2743141	9.937	ppbv	100
72) 4-Ethyltoluene	15.192	105	2814150	10.250	ppbv	99
73) 1,3,5-Trimethylbenzene	15.352	105	2472069	9.952	ppbv	99
74) 1,2,4-Trimethylbenzene	16.108	105	2679180	9.875	ppbv	98
75) 1,3-Dichlorobenzene	16.333	146	1577586	10.141	ppbv	100
76) 1,4-Dichlorobenzene	16.471	146	1556729	10.406	ppbv	99
77) 1,2-Dichlorobenzene	17.143	146	1527384	9.822	ppbv	99
78) Hexachloro-1,3-Butadiene	22.632	225	1230545	8.904	ppbv	99
79) Naphthalene	21.381	128	2659048	10.292	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	878304	8.451	ppbv	97
81) 1,2,4-Trichlorobenzene	21.140	180	1343306	9.847	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 804
Delta R.T. -0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

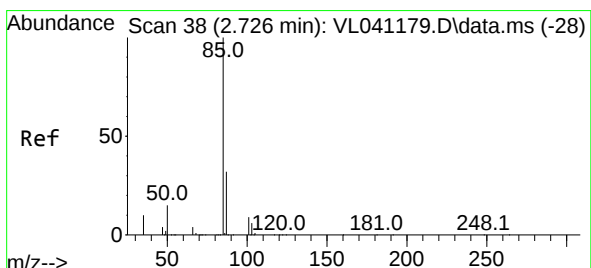
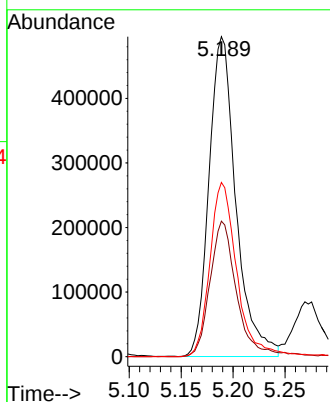
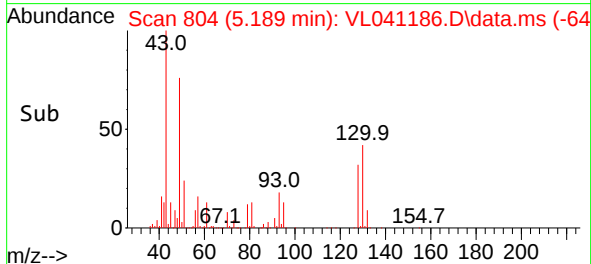
Instrument : MSVOA_L
Client Sample Id : ICVVL042924



Tgt Ion: 49 Resp: 893295
Ion Ratio Lower Upper
49 100
128 42.8 21.5 64.5
130 55.4 27.2 81.6

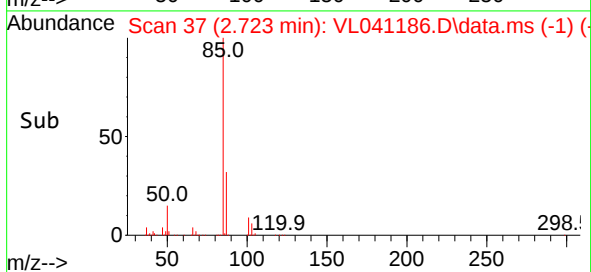
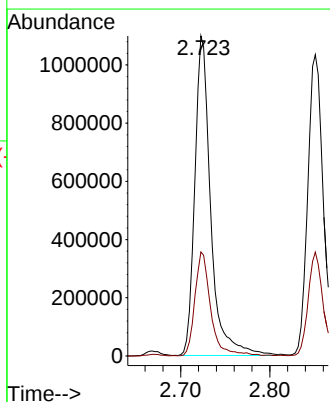
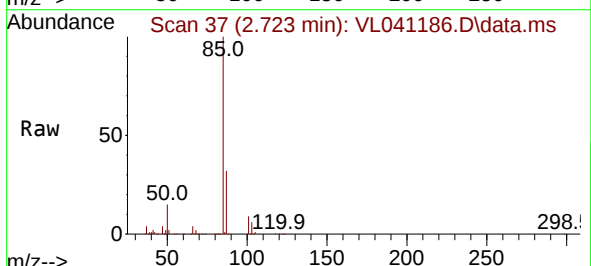
Manual Integrations
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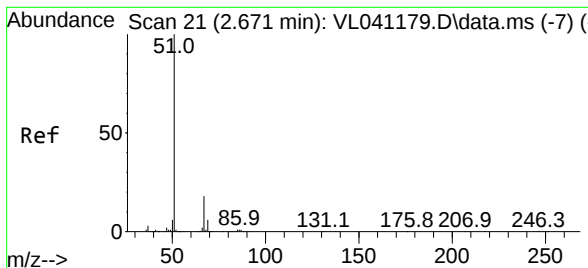
Reviewed By : Semsettin Yesilyurt 04/30/2024
Supervised By : Mahesh Dadoda 04/30/2024



#2
Dichlorodifluoromethane
Concen: 11.327 ppbv
RT: 2.723 min Scan# 37
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

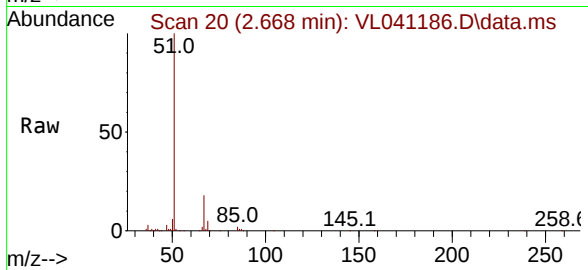
Tgt Ion: 85 Resp: 1368658
Ion Ratio Lower Upper
85 100
87 32.5 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.393 ppbv
RT: 2.668 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

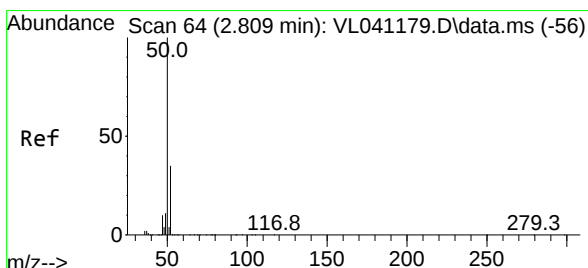
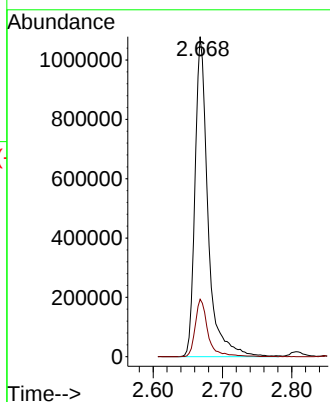
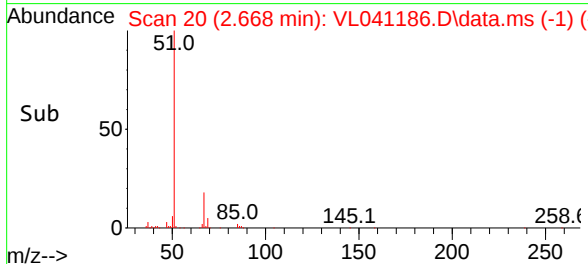
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



Tgt Ion: 51 Resp: 1410019
Ion Ratio Lower Upper
51 100
67 17.6 14.0 21.0

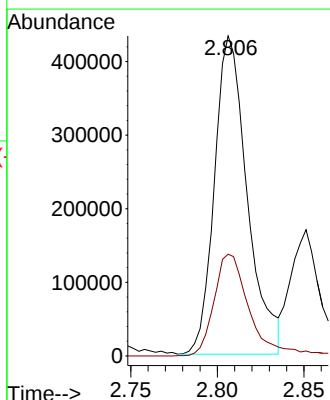
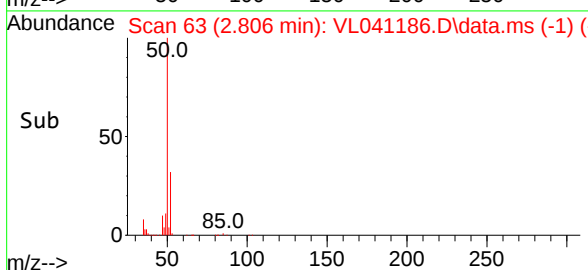
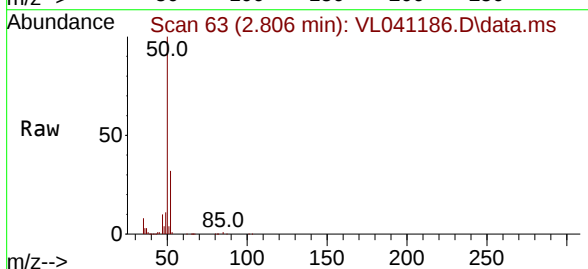
Manual Integrations
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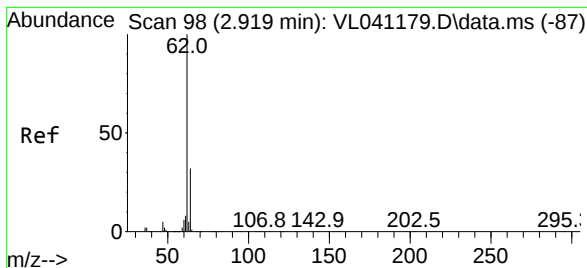
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#4
Chloromethane
Concen: 10.729 ppbv
RT: 2.806 min Scan# 63
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

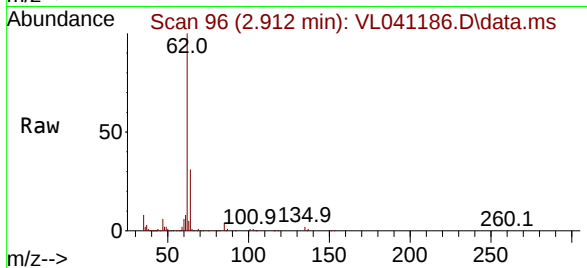
Tgt Ion: 50 Resp: 571176
Ion Ratio Lower Upper
50 100
52 31.9 28.3 42.5





#5
 Vinyl Chloride
 Concen: 10.633 ppbv
 RT: 2.912 min Scan# 90
 Delta R.T. -0.006 min
 Lab File: VL041186.D
 Acq: 29 Apr 2024 16:07

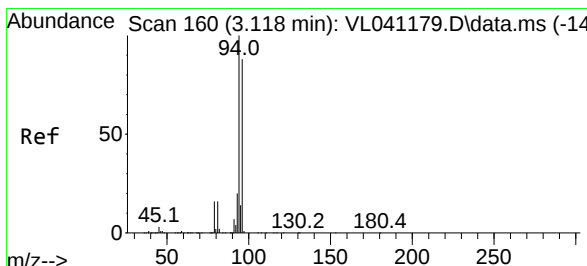
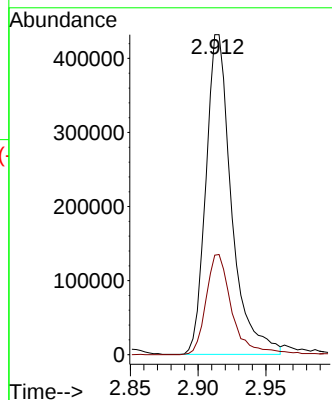
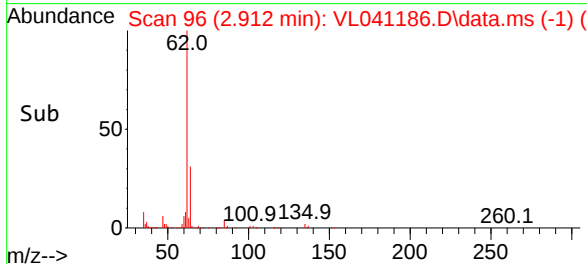
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL042924



Tgt Ion: 62 Resp: 568679
 Ion Ratio Lower Upper
 62 100
 64 31.1 25.7 38.5

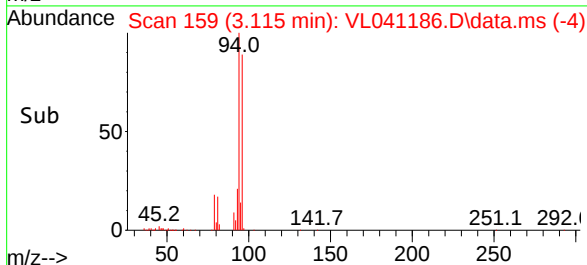
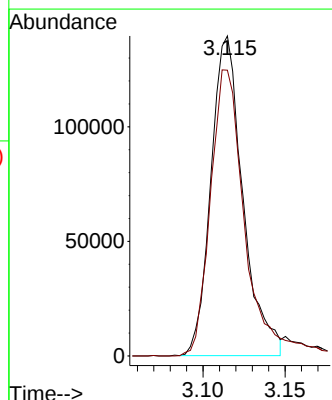
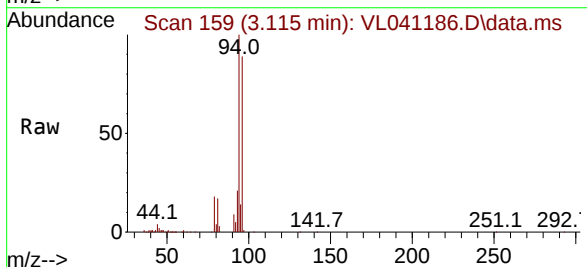
Manual Integrations
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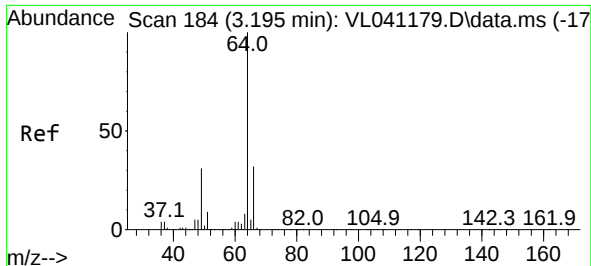
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#6
 Bromomethane
 Concen: 9.681 ppbv
 RT: 3.115 min Scan# 159
 Delta R.T. -0.003 min
 Lab File: VL041186.D
 Acq: 29 Apr 2024 16:07

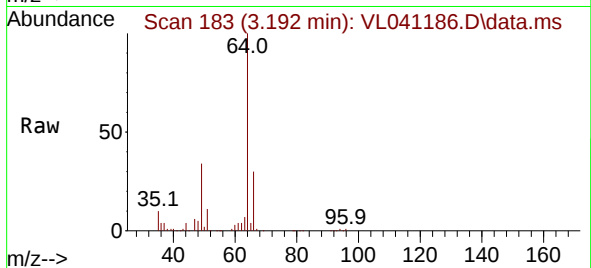
Tgt Ion: 94 Resp: 188896
 Ion Ratio Lower Upper
 94 100
 96 89.3 70.1 105.1





#7
Chloroethane
Concen: 10.450 ppbv
RT: 3.192 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

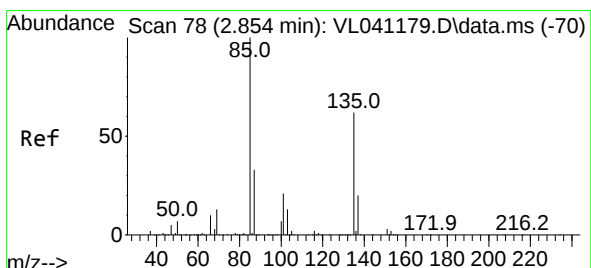
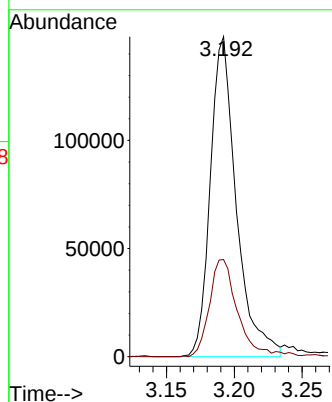
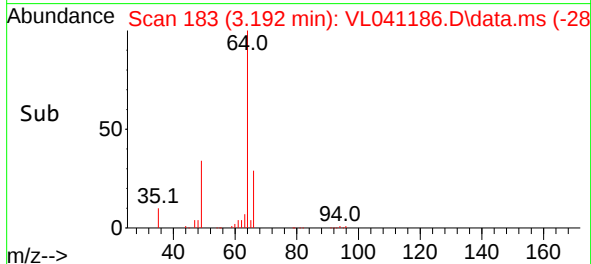
Instrument : MSVOA_L
ClientSampleId : ICVVL042924



Tgt Ion: 64 Resp: 197315
Ion Ratio Lower Upper
64 100
66 30.4 25.4 38.2

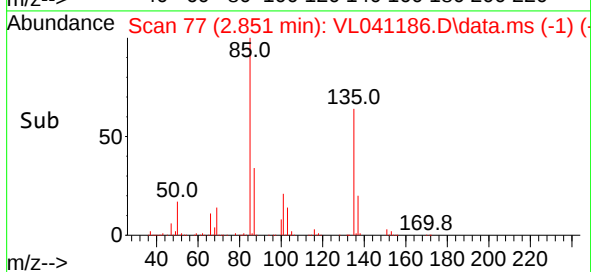
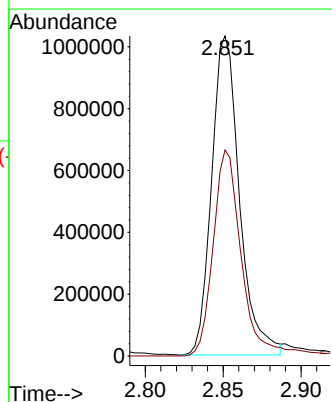
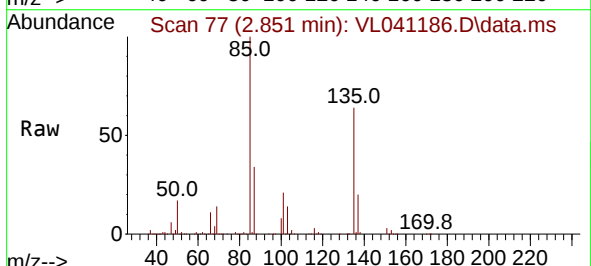
Manual Integrations
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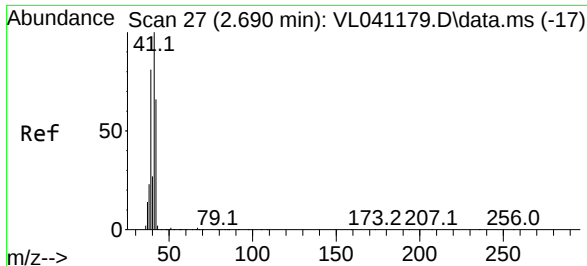
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#8
Dichlorotetrafluoroethane
Concen: 10.280 ppbv
RT: 2.851 min Scan# 77
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

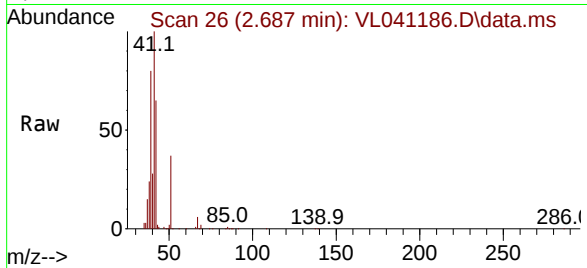
Tgt Ion: 85 Resp: 1285750
Ion Ratio Lower Upper
85 100
135 66.8 51.5 77.3





#9
Propene
Concen: 10.533 ppbv
RT: 2.687 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

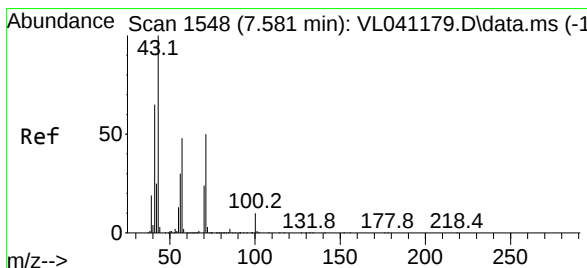
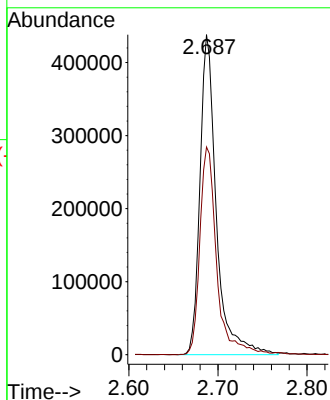
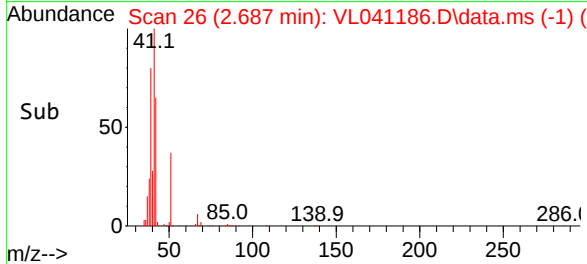
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



Tgt Ion: 41 Resp: 55927
Ion Ratio Lower Upper
41 100
42 67.4 55.3 82.9

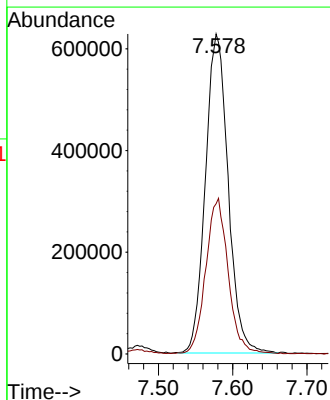
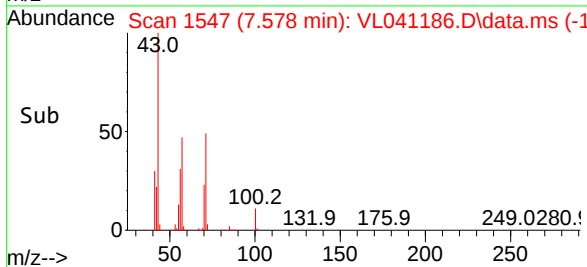
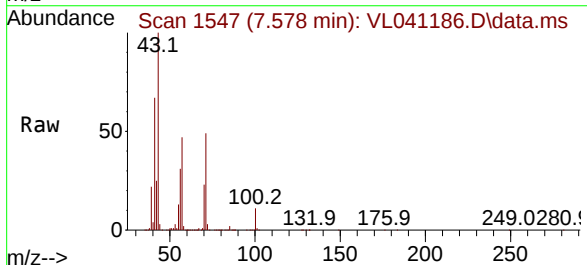
Manual Integrations
APPROVED

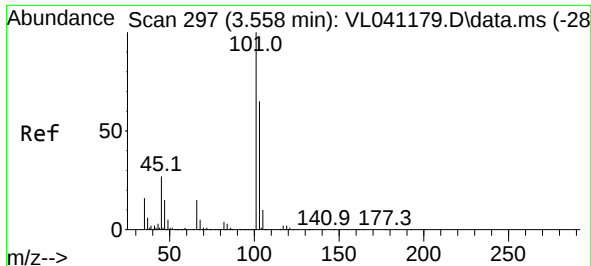
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#10
Heptane
Concen: 10.364 ppbv
RT: 7.578 min Scan# 1547
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

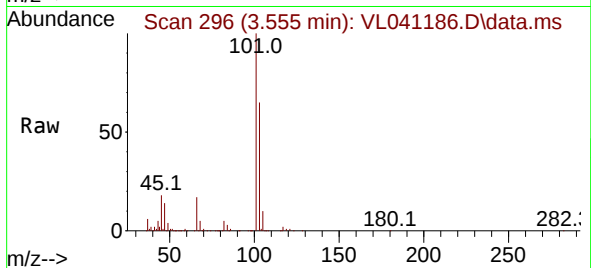
Tgt Ion: 43 Resp: 1333261
Ion Ratio Lower Upper
43 100
57 48.0 38.7 58.1





#11
 Trichlorofluoromethane
 Concen: 10.473 ppbv
 RT: 3.555 min Scan# 297
 Delta R.T. -0.003 min
 Lab File: VL041186.D
 Acq: 29 Apr 2024 16:07

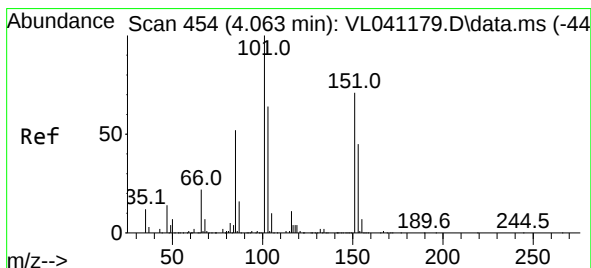
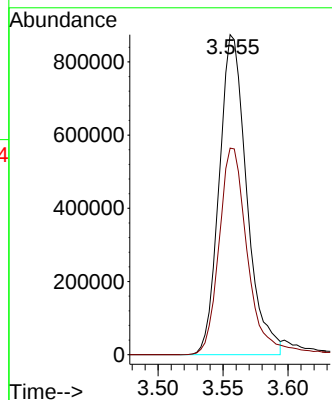
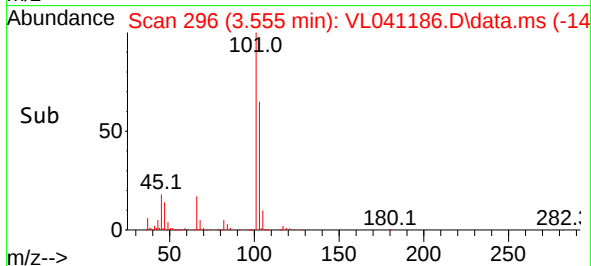
Instrument : MSVOA_L
 ClientSampleId : ICVVL042924



Tgt Ion:101 Resp: 128613
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.6 77.4

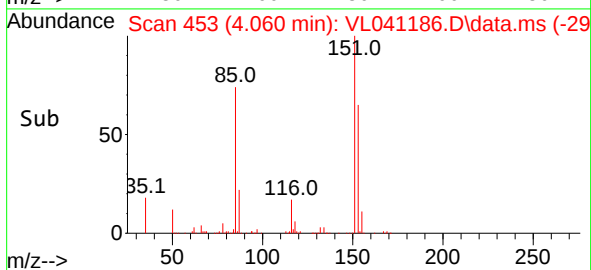
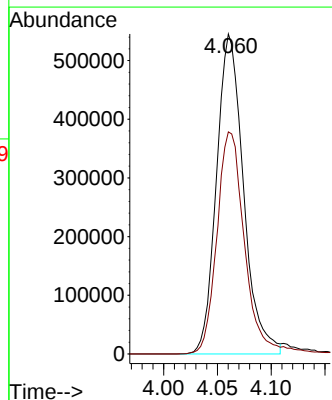
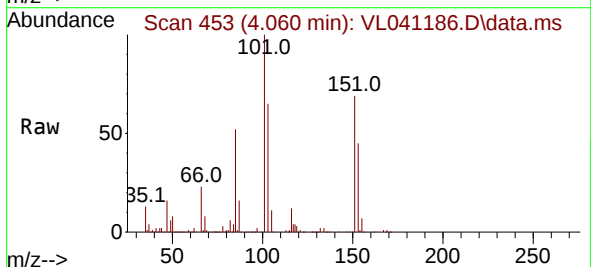
Manual Integrations
 APPROVED

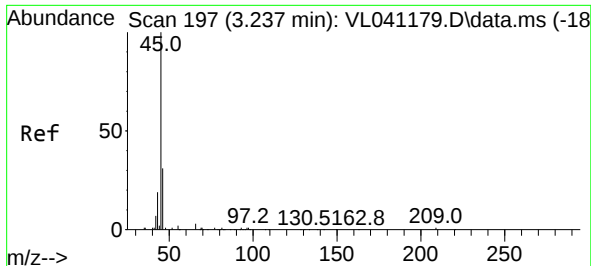
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.474 ppbv
 RT: 4.060 min Scan# 453
 Delta R.T. -0.003 min
 Lab File: VL041186.D
 Acq: 29 Apr 2024 16:07

Tgt Ion:101 Resp: 951186
 Ion Ratio Lower Upper
 101 100
 151 72.0 56.8 85.2





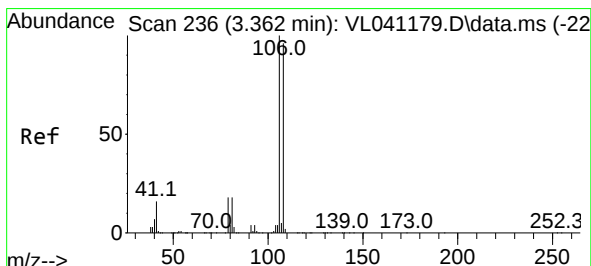
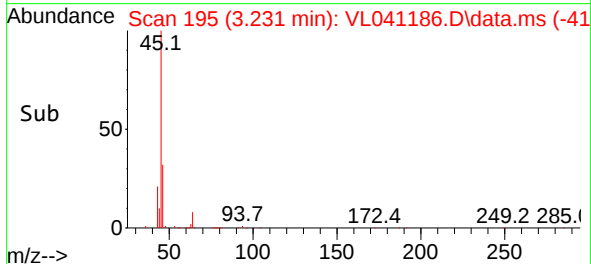
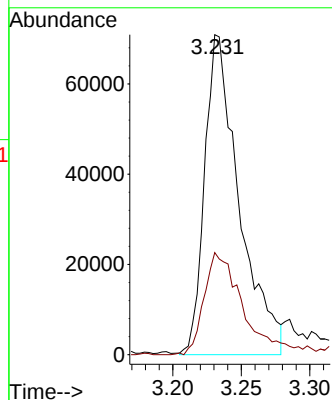
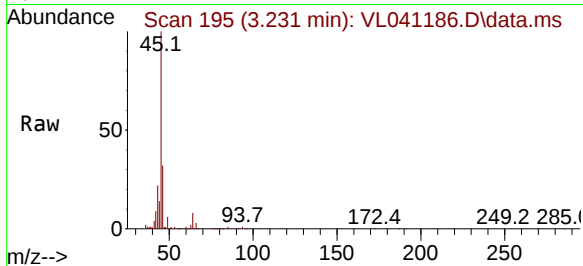
#13
Ethanol
Concen: 10.456 ppbv m
RT: 3.231 min Scan# 197
Delta R.T. -0.006 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924

Tgt Ion: 45 Resp: 124454
Ion Ratio Lower Upper
45 100
46 36.3 14.8 59.0

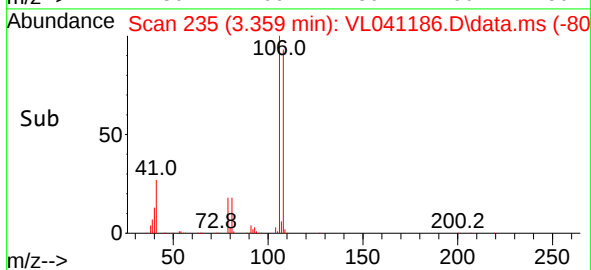
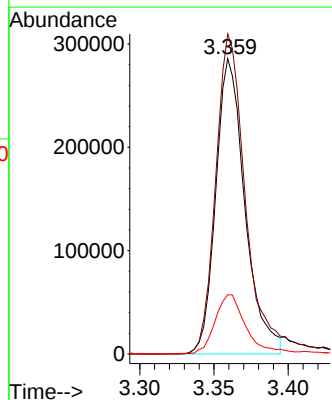
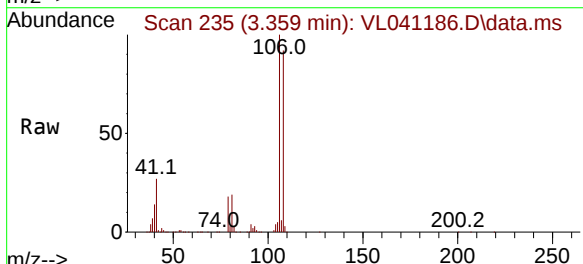
Manual Integrations
APPROVED

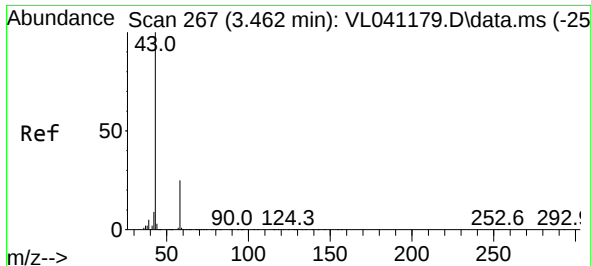
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#14
Bromoethene
Concen: 10.423 ppbv
RT: 3.359 min Scan# 235
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

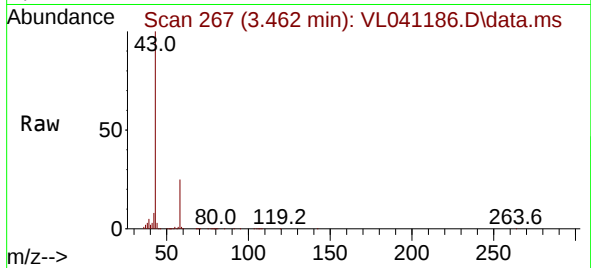
Tgt Ion:108 Resp: 390641
Ion Ratio Lower Upper
108 100
106 114.9 88.2 132.4
79 22.7 17.4 26.0





#15
Acetone
Concen: 9.811 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

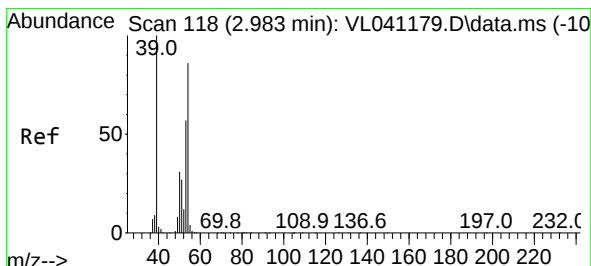
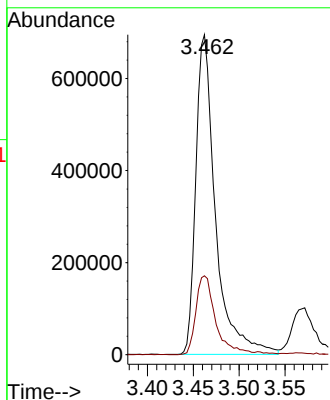
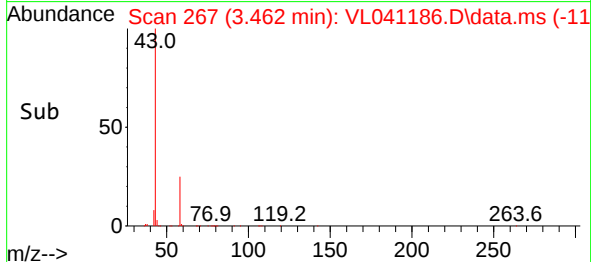
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



Tgt Ion: 43 Resp: 1034358
Ion Ratio Lower Upper
43 100
58 25.5 21.4 32.0

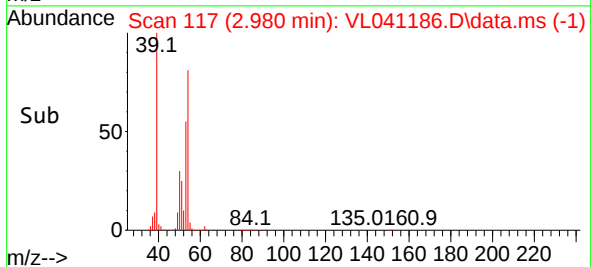
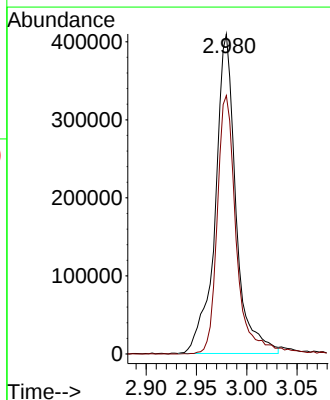
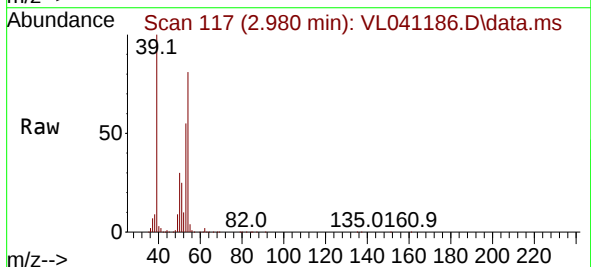
Manual Integrations
APPROVED

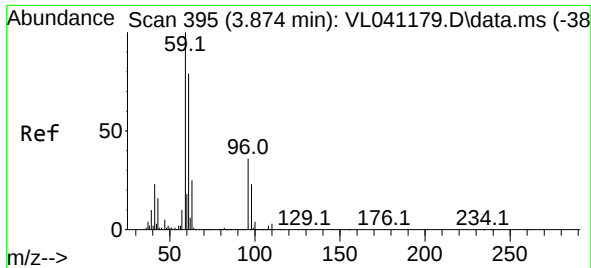
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#16
1,3-Butadiene
Concen: 11.016 ppbv
RT: 2.980 min Scan# 117
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

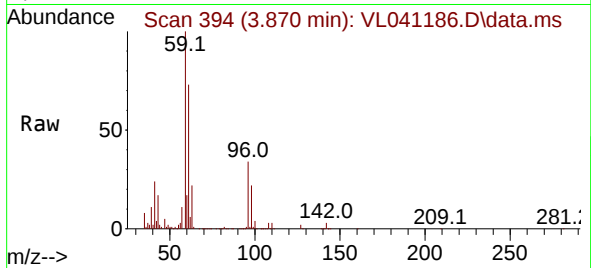
Tgt Ion: 39 Resp: 586237
Ion Ratio Lower Upper
39 100
54 75.5 62.2 93.4





#17
tert-Butyl alcohol
Concen: 11.084 ppbv
RT: 3.870 min Scan# 395
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

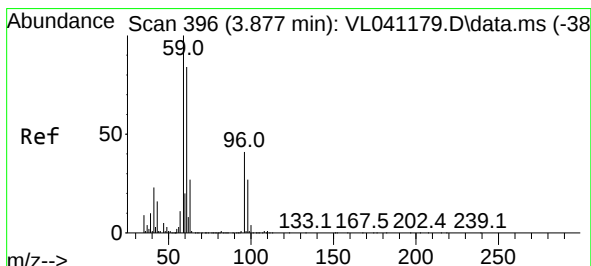
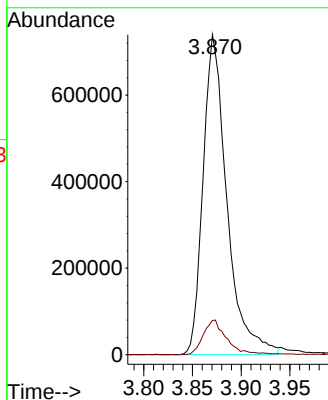
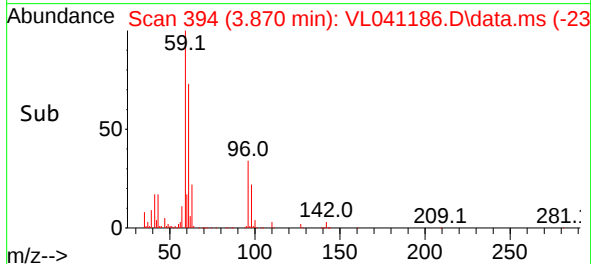
Instrument : MSVOA_L
ClientSampleId : ICVVL042924



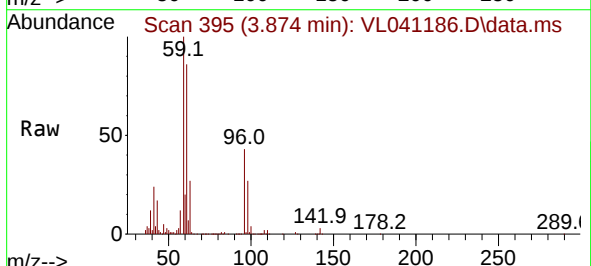
Tgt Ion: 59 Resp: 1260539
Ion Ratio Lower Upper
59 100
57 10.9 8.4 12.6

Manual Integrations
APPROVED

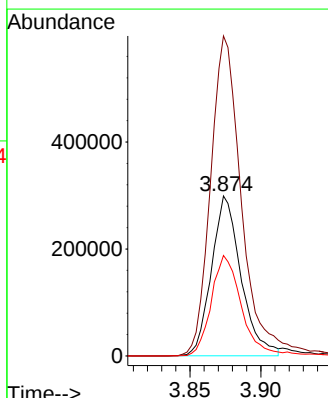
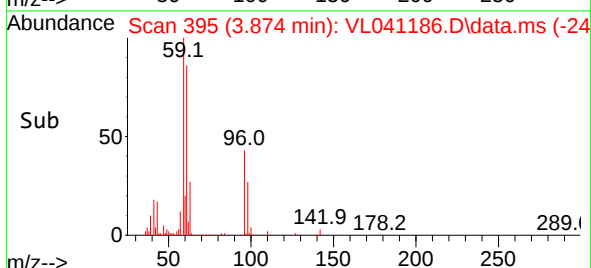
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

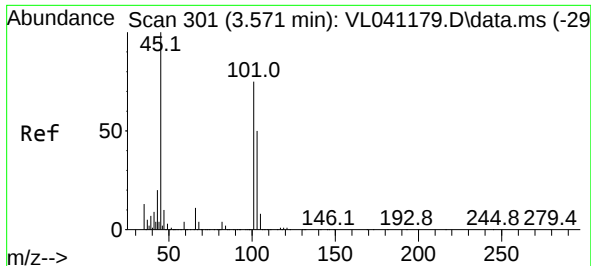


#18
1,1-Dichloroethene
Concen: 10.727 ppbv
RT: 3.874 min Scan# 395
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07



Tgt Ion: 96 Resp: 434348
Ion Ratio Lower Upper
96 100
61 199.8 164.4 246.6
98 62.7 51.8 77.8





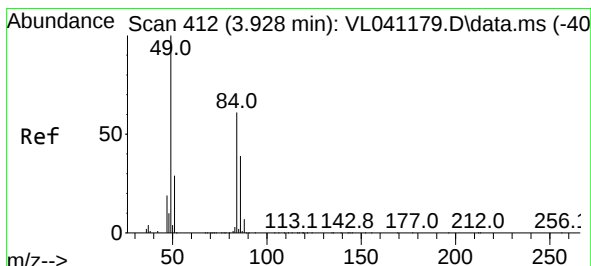
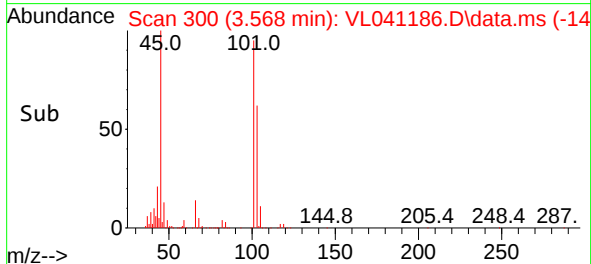
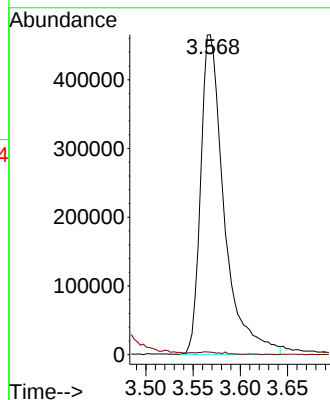
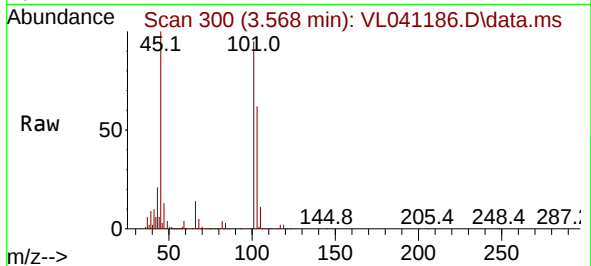
#19
Isopropyl Alcohol
Concen: 11.583 ppbv
RT: 3.568 min Scan# 301
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924

Tgt Ion: 45 Resp: 80133
Ion Ratio Lower Upper
45 100
58 1.3 26.8 40.2

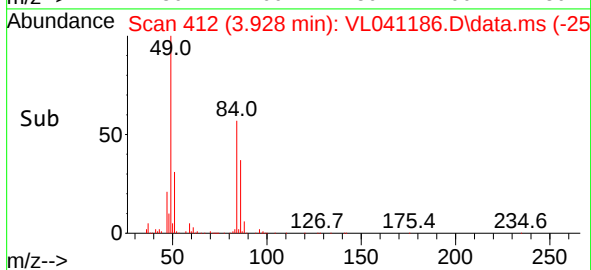
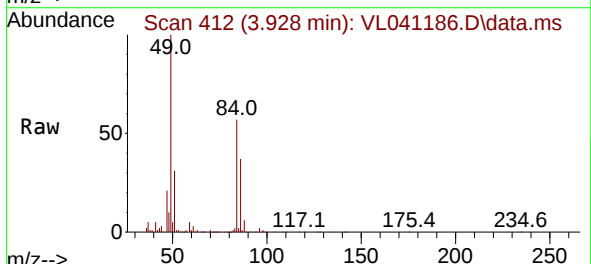
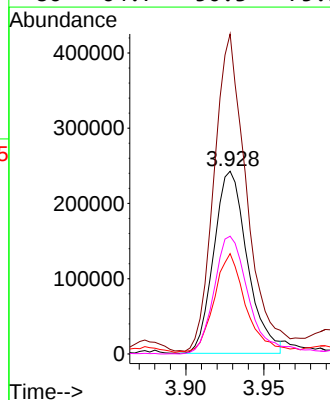
Manual Integrations
APPROVED

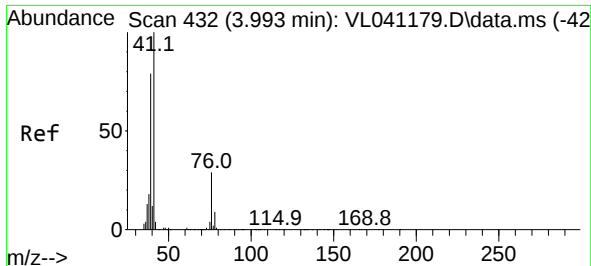
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#20
Methylene Chloride
Concen: 9.891 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

Tgt Ion: 84 Resp: 362601
Ion Ratio Lower Upper
84 100
49 173.8 130.4 195.6
51 53.7 38.0 57.0
86 64.7 50.3 75.5





#21

Allyl Chloride

Concen: 10.564 ppbv

RT: 3.989 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924

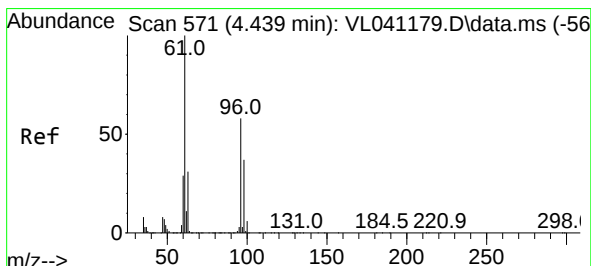
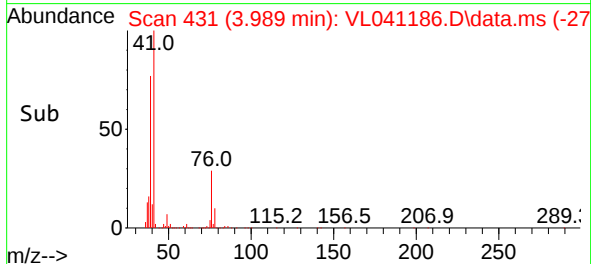
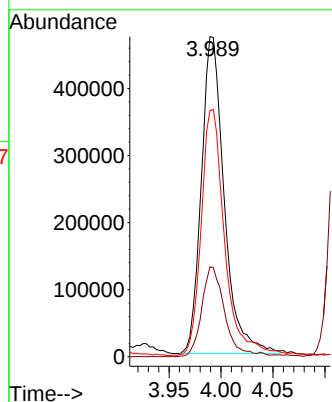
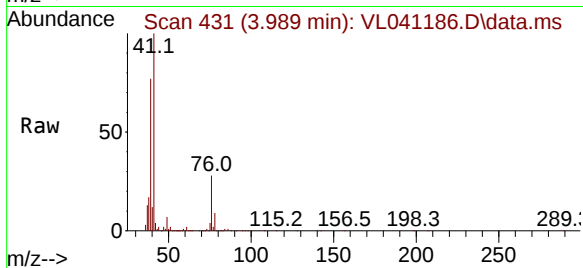
Tgt Ion: 41 Resp: 726158

Ion	Ratio	Lower	Upper
41	100		
76	29.0	23.7	35.5
39	79.3	64.7	97.1

Manual Integrations

APPROVED

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



#22

trans-1,2-Dichloroethene

Concen: 10.498 ppbv

RT: 4.440 min Scan# 571

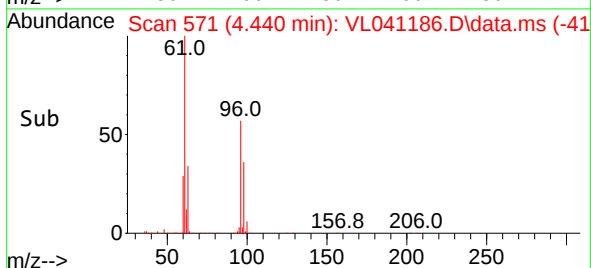
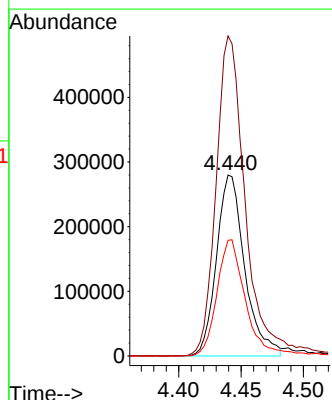
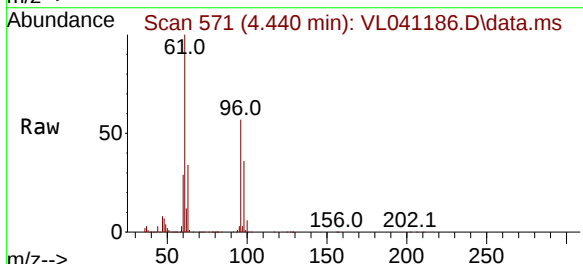
Delta R.T. 0.000 min

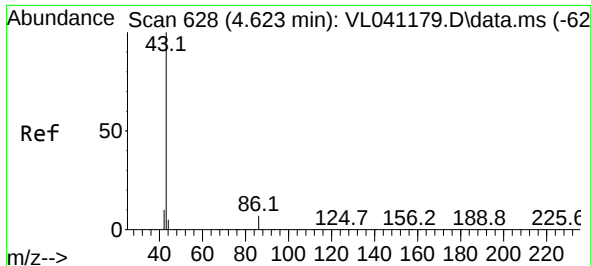
Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

Tgt Ion: 96 Resp: 442043

Ion	Ratio	Lower	Upper
96	100		
61	176.8	137.6	206.4
98	64.0	50.6	76.0





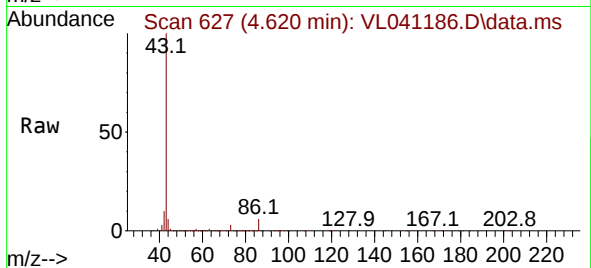
#23
 Vinyl Acetate
 Concen: 10.870 ppbv
 RT: 4.620 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL041186.D
 Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924

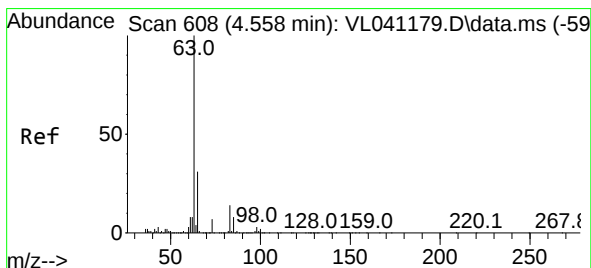
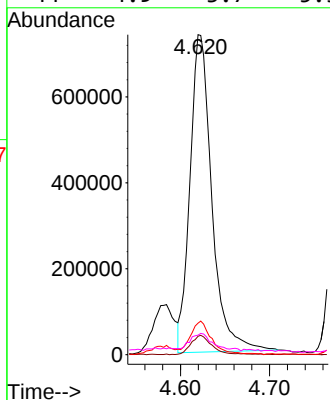
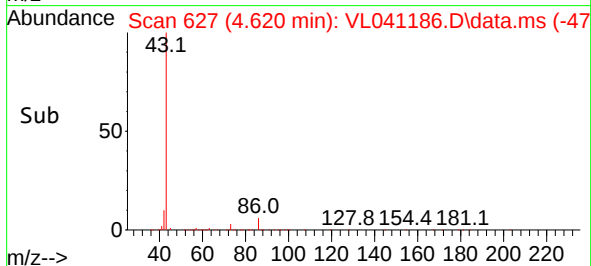


Tgt Ion: 43 Resp: 126186
 Ion Ratio Lower Upper
 43 100
 86 5.8 4.9 7.3
 42 9.8 8.0 12.0
 44 4.9 3.7 5.5

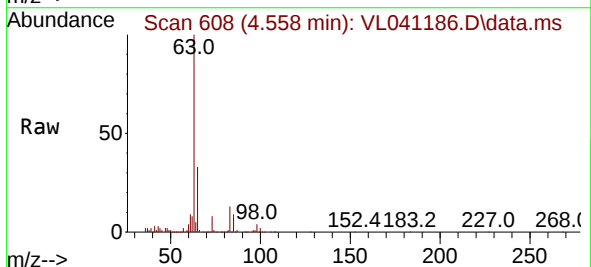
Manual Integrations

APPROVED

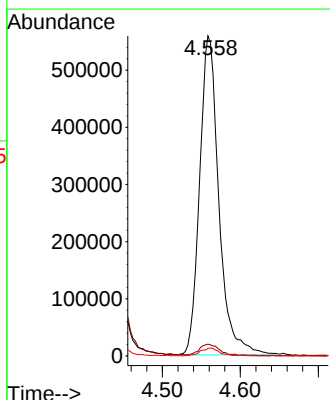
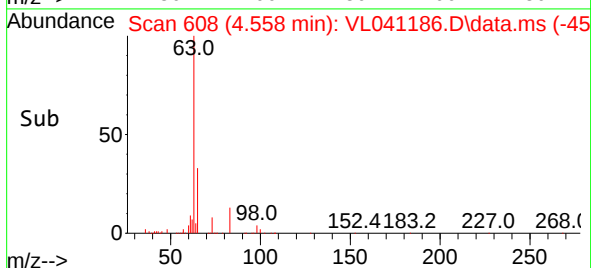
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024

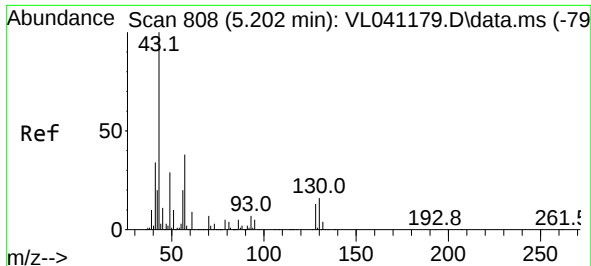


#24
 1,1-Dichloroethane
 Concen: 10.603 ppbv
 RT: 4.558 min Scan# 608
 Delta R.T. 0.000 min
 Lab File: VL041186.D
 Acq: 29 Apr 2024 16:07



Tgt Ion: 63 Resp: 957175
 Ion Ratio Lower Upper
 63 100
 98 3.6 1.6 4.8
 100 2.4 1.1 3.5





#25

Ethyl Acetate

Concen: 10.577 ppbv

RT: 5.202 min Scan# 808

Delta R.T. 0.000 min

Lab File: VL041186.D

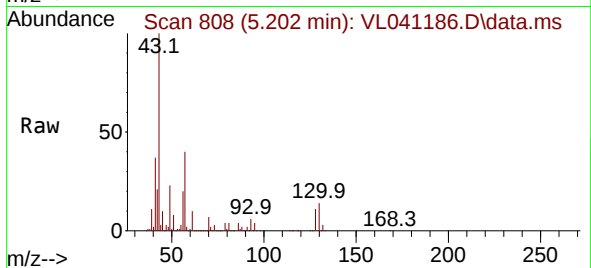
Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924



Tgt Ion: 43 Resp: 222574

Ion Ratio Lower Upper

43 100

45 10.1 8.2 12.2

61 9.8 7.7 11.5

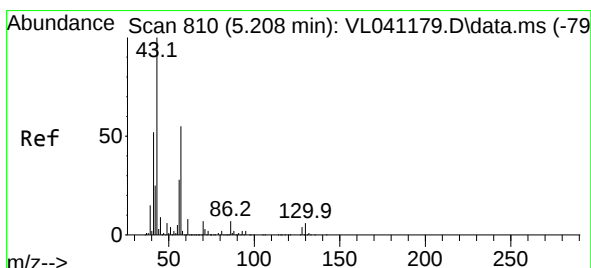
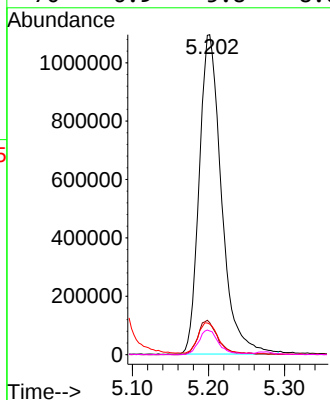
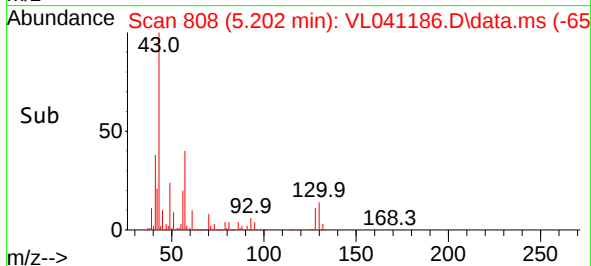
70 6.9 5.8 8.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#26

Hexane

Concen: 10.486 ppbv

RT: 5.208 min Scan# 810

Delta R.T. 0.000 min

Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

Tgt Ion: 57 Resp: 984682

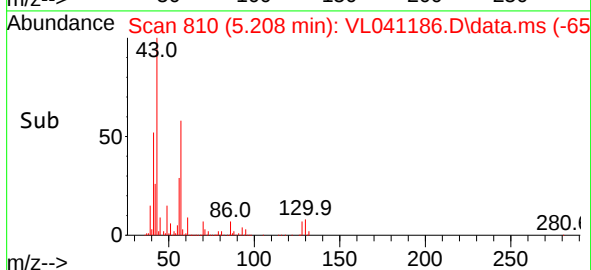
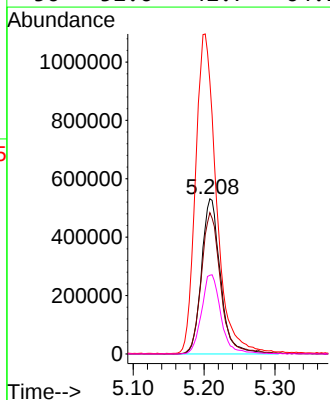
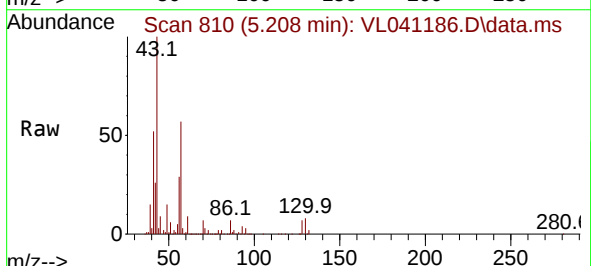
Ion Ratio Lower Upper

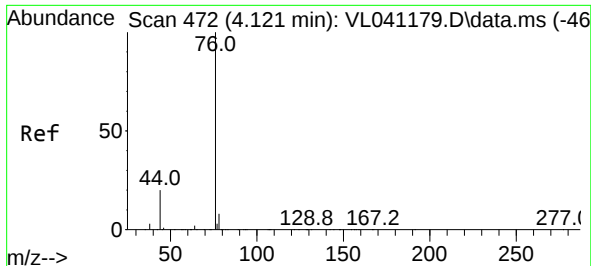
57 100

41 93.2 75.8 113.8

43 228.7 187.0 280.4

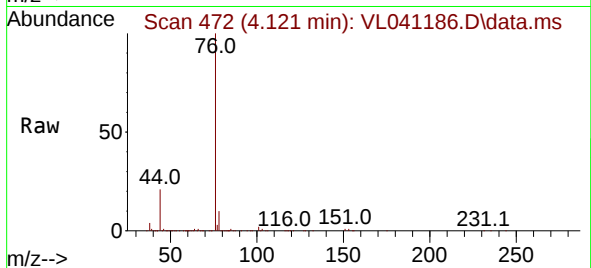
56 52.6 42.7 64.1





#27
Carbon Disulfide
Concen: 10.569 ppbv
RT: 4.121 min Scan# 472
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

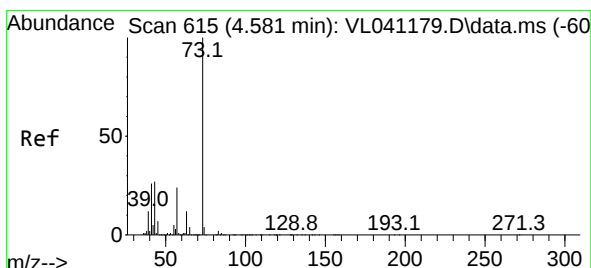
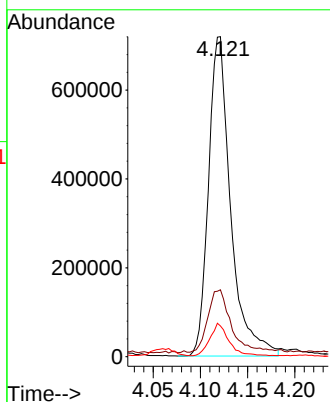
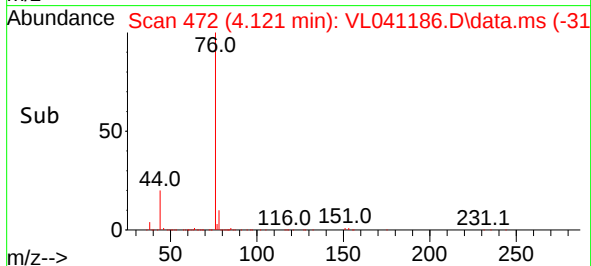
Instrument : MSVOA_L
ClientSampleId : ICVVL042924



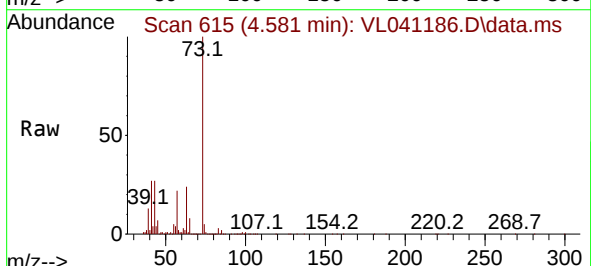
Tgt Ion: 76 Resp: 117484
Ion Ratio Lower Upper
76 100
44 21.6 16.3 24.5
78 9.6 7.3 10.9

Manual Integrations
APPROVED

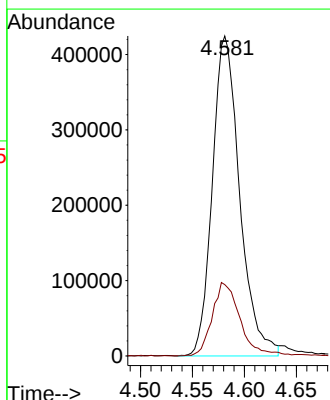
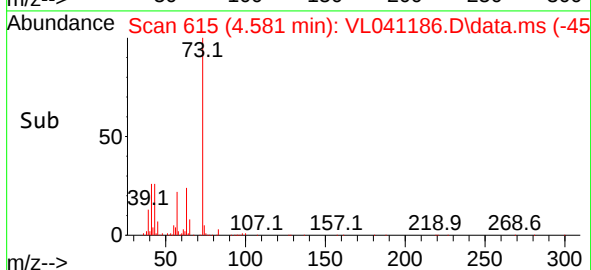
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

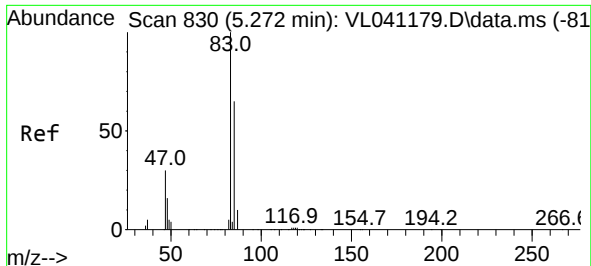


#28
Methyl tert-Butyl Ether
Concen: 10.396 ppbv
RT: 4.581 min Scan# 615
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07



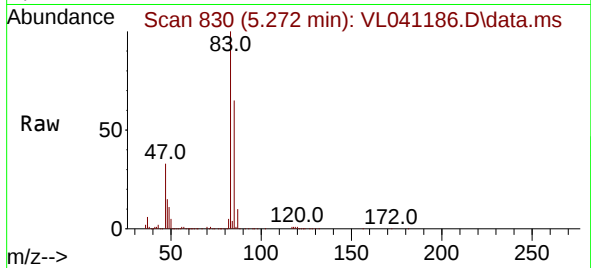
Tgt Ion: 73 Resp: 777294
Ion Ratio Lower Upper
73 100
57 23.9 18.8 28.2





#29
Chloroform
Concen: 10.699 ppbv
RT: 5.272 min Scan# 830
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

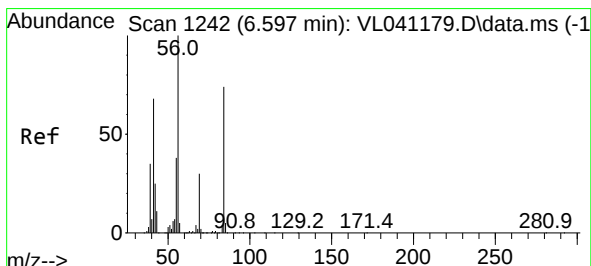
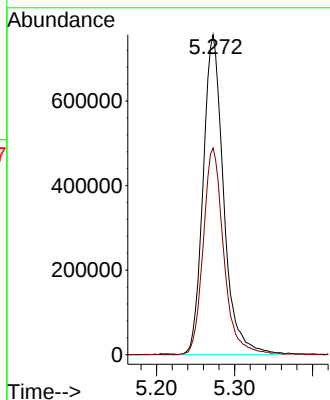
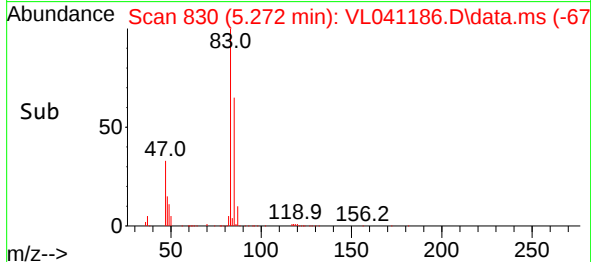
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



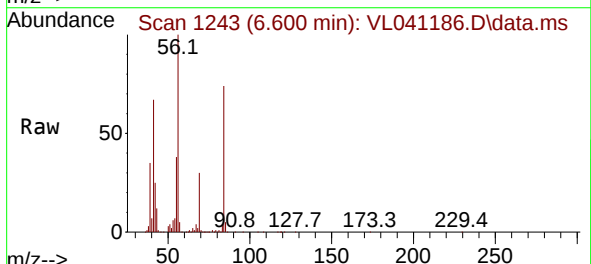
Tgt Ion: 83 Resp: 1386020
Ion Ratio Lower Upper
83 100
85 64.5 51.7 77.5

Manual Integrations
APPROVED

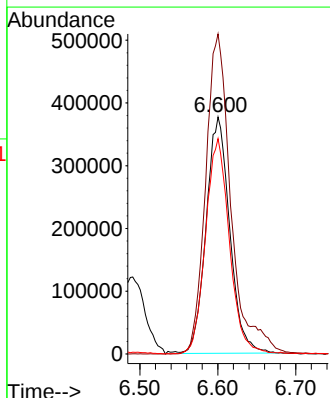
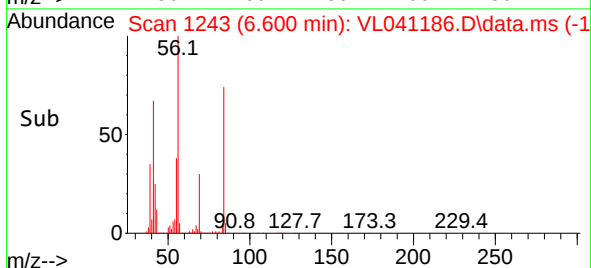
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

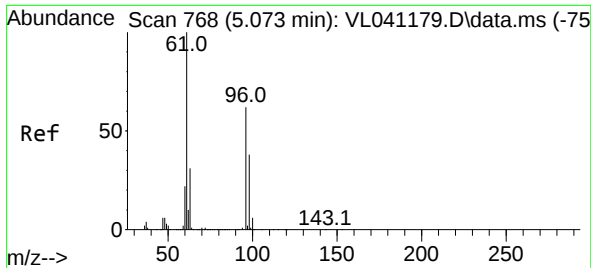


#30
Cyclohexane
Concen: 10.651 ppbv
RT: 6.600 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07



Tgt Ion: 84 Resp: 791750
Ion Ratio Lower Upper
84 100
56 146.1 116.8 175.2
41 92.7 73.8 110.8





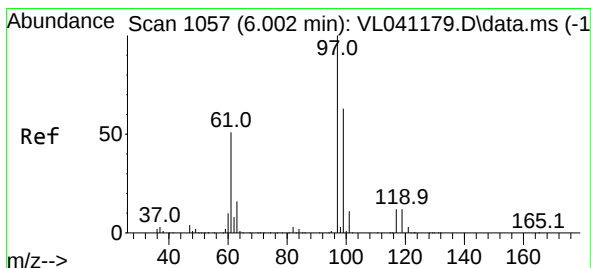
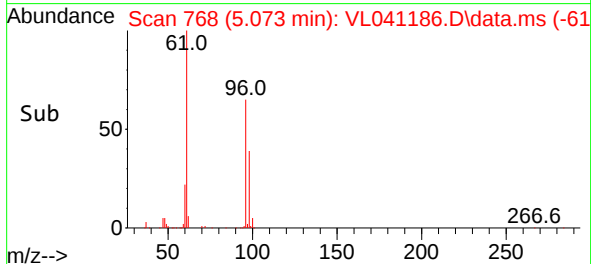
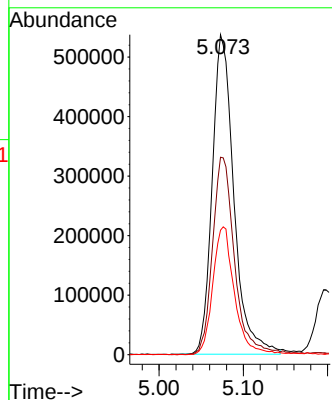
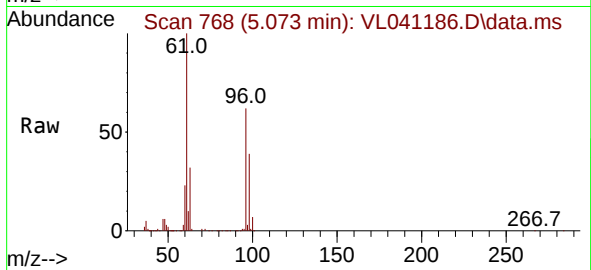
#31
 cis-1,2-Dichloroethene
 Concen: 10.921 ppbv
 RT: 5.073 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VL041186.D
 Acq: 29 Apr 2024 16:07

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL042924

Tgt Ion: 61 Resp: 960080
 Ion Ratio Lower Upper
 61 100
 96 61.7 49.8 74.6
 98 38.9 30.0 45.0

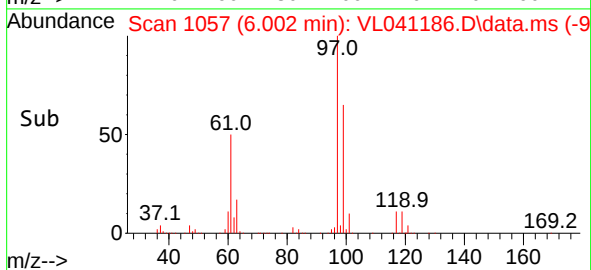
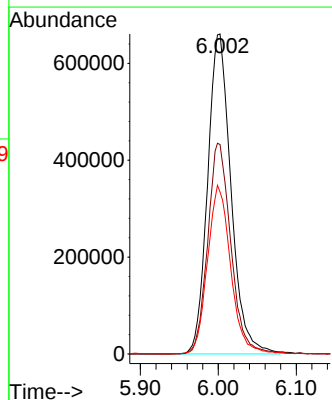
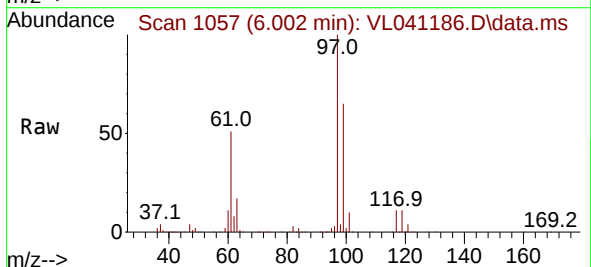
Manual Integrations
 APPROVED

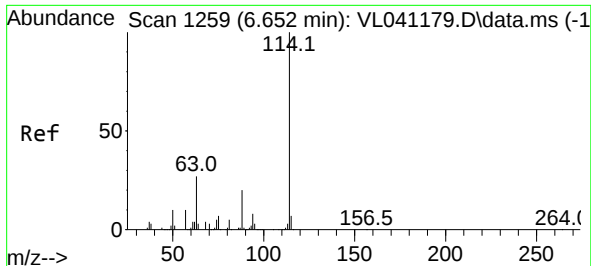
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#32
 1,1,1-Trichloroethane
 Concen: 10.648 ppbv
 RT: 6.002 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VL041186.D
 Acq: 29 Apr 2024 16:07

Tgt Ion: 97 Resp: 1376318
 Ion Ratio Lower Upper
 97 100
 99 65.5 51.7 77.5
 61 52.5 41.1 61.7





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.652 min Scan# 114

Delta R.T. 0.000 min

Lab File: VL041186.D

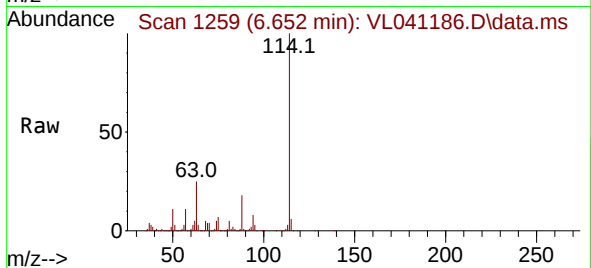
Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924



Tgt Ion:114 Resp: 2276414

Ion Ratio Lower Upper

114 100

63 26.7 21.8 32.6

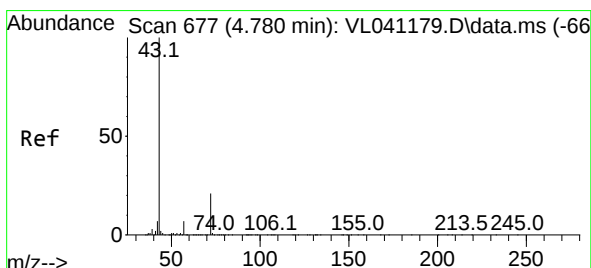
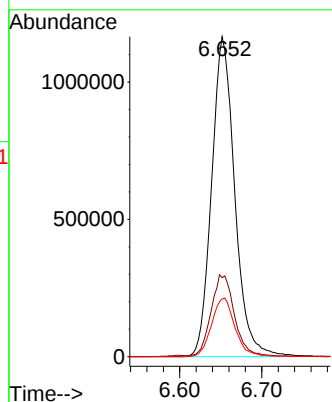
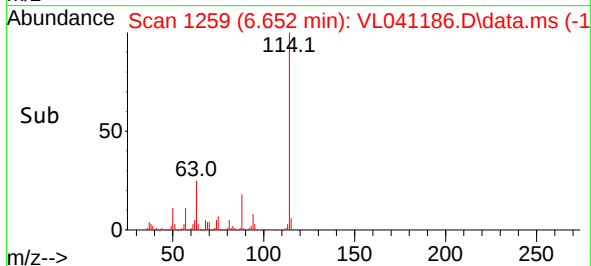
88 18.7 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#34

2-Butanone

Concen: 11.365 ppbv

RT: 4.784 min Scan# 678

Delta R.T. 0.003 min

Lab File: VL041186.D

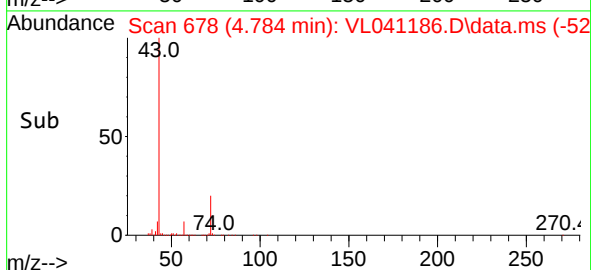
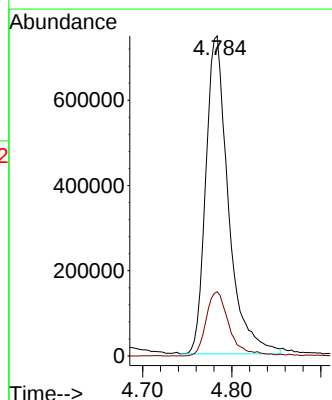
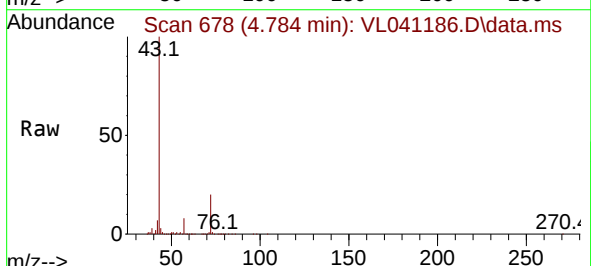
Acq: 29 Apr 2024 16:07

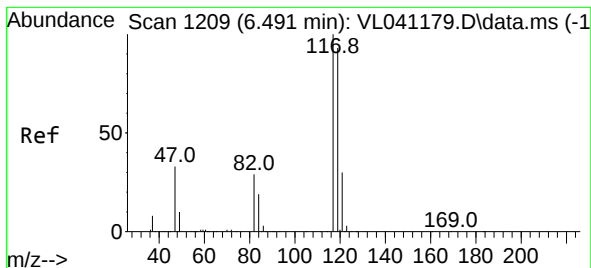
Tgt Ion: 43 Resp: 1316831

Ion Ratio Lower Upper

43 100

72 21.4 17.3 25.9





#35

Carbon Tetrachloride

Concen: 10.892 ppbv

RT: 6.491 min Scan# 117

Delta R.T. 0.000 min

Lab File: VL041186.D

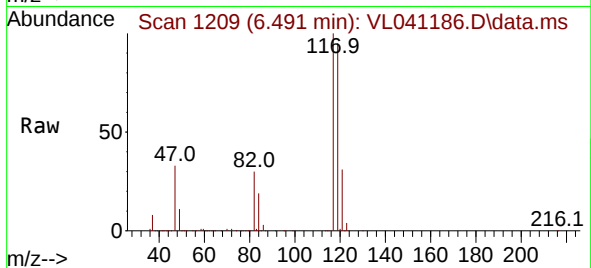
Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924



Tgt Ion: 117 Resp: 139148

Ion Ratio Lower Upper

117 100

119 95.0 74.3 111.5

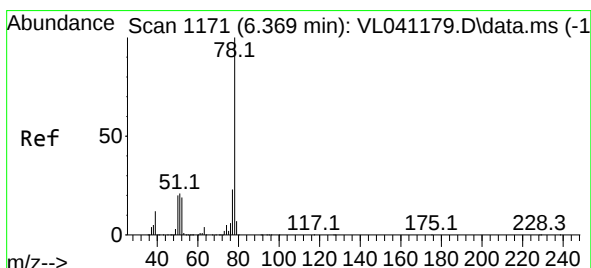
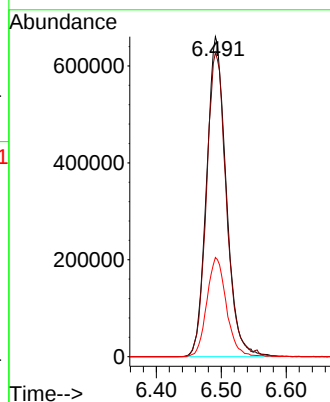
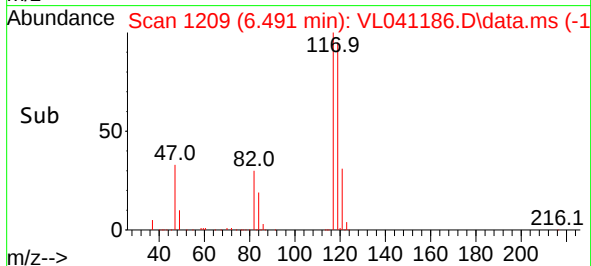
121 31.0 23.8 35.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#36

Benzene

Concen: 10.476 ppbv

RT: 6.369 min Scan# 1171

Delta R.T. 0.000 min

Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

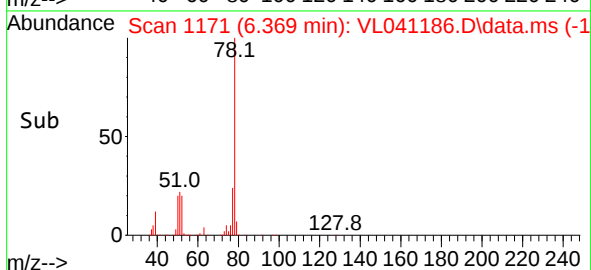
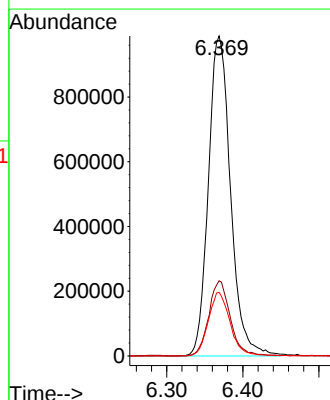
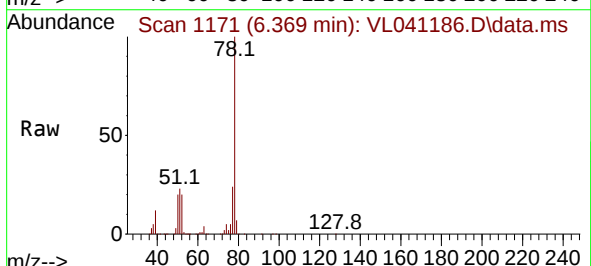
Tgt Ion: 78 Resp: 2001293

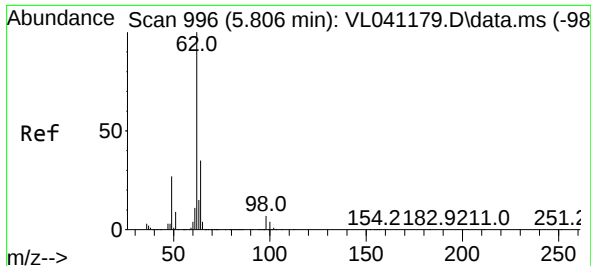
Ion Ratio Lower Upper

78 100

77 23.5 18.3 27.5

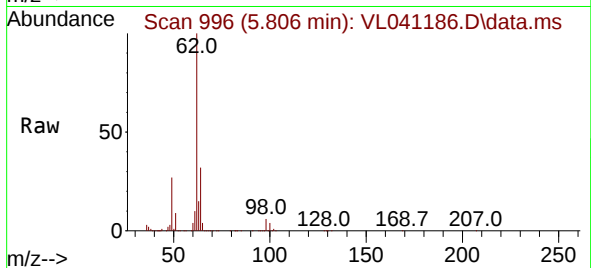
50 19.9 15.9 23.9





#37
1,2-Dichloroethane
Concen: 10.906 ppbv
RT: 5.806 min Scan# 996
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

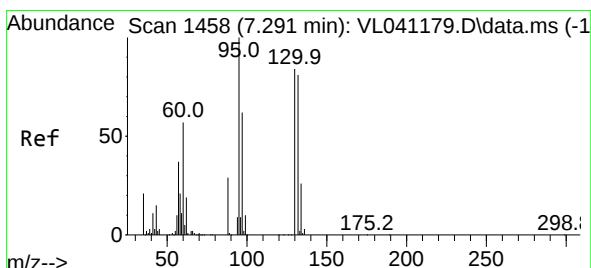
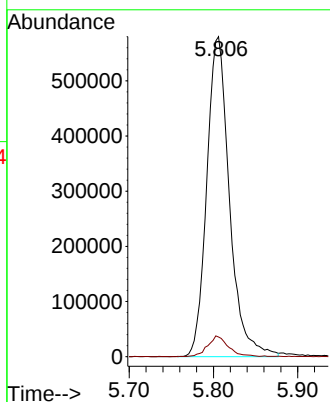
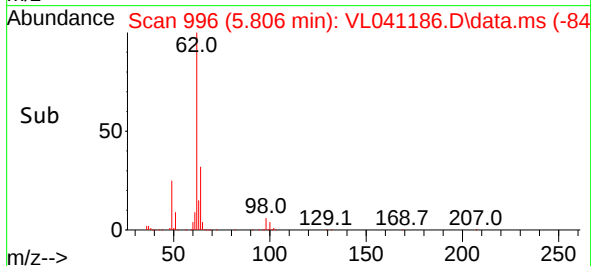
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



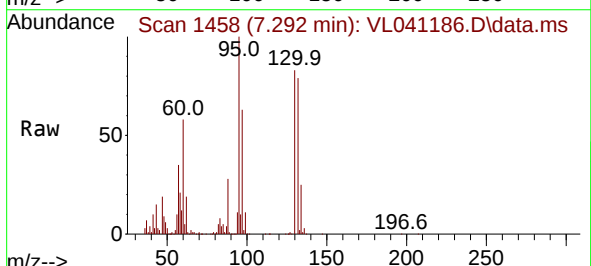
Tgt Ion: 62 Resp: 1086990
Ion Ratio Lower Upper
62 100
98 6.2 5.0 7.4

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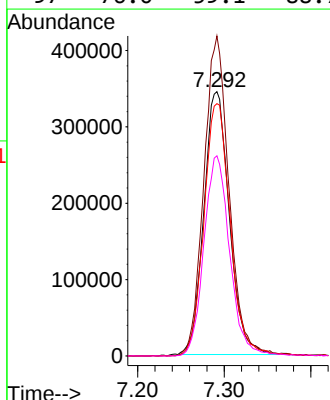
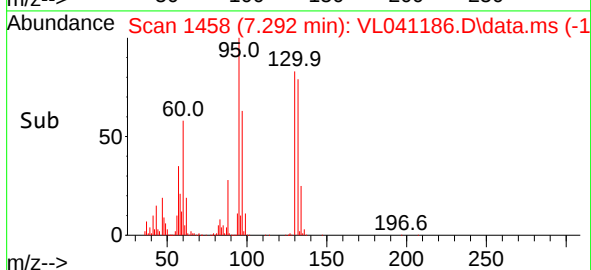
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

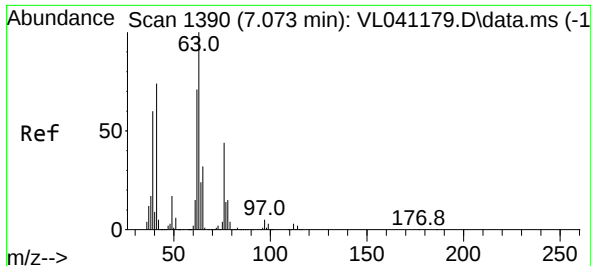


#38
Trichloroethene
Concen: 9.894 ppbv
RT: 7.292 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07



Tgt Ion:130 Resp: 704357
Ion Ratio Lower Upper
130 100
95 121.3 95.0 142.6
132 95.7 77.0 115.4
97 76.0 59.1 88.7





#39

1,2-Dichloropropane

Concen: 10.721 ppbv

RT: 7.073 min Scan# 1390

Delta R.T. 0.000 min

Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924

Tgt Ion: 63 Resp: 78930

Ion Ratio Lower Upper

63 100

41 70.3 59.4 89.0

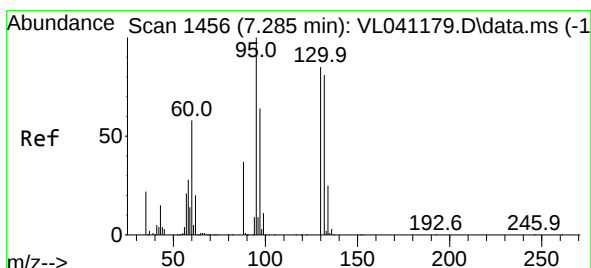
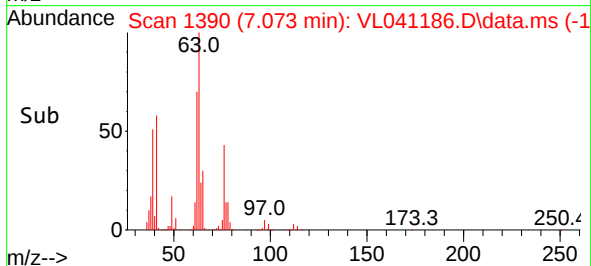
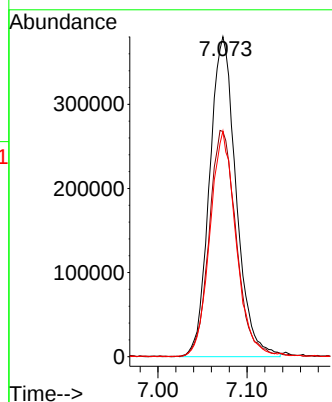
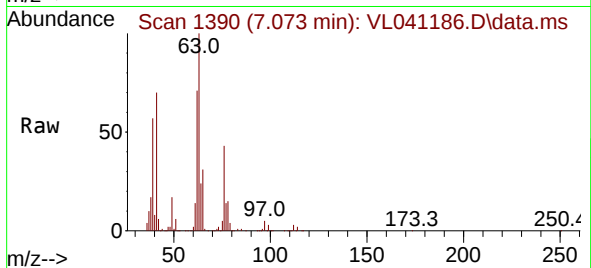
62 70.2 56.8 85.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#40

1,4-Dioxane

Concen: 11.459 ppbv

RT: 7.282 min Scan# 1455

Delta R.T. -0.003 min

Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

Tgt Ion: 88 Resp: 301403

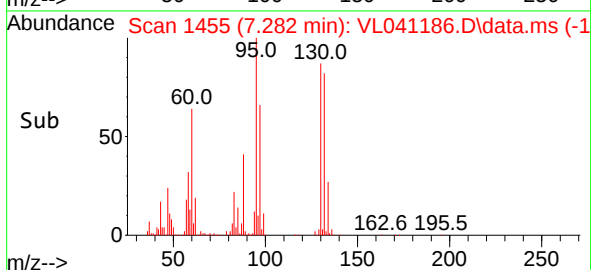
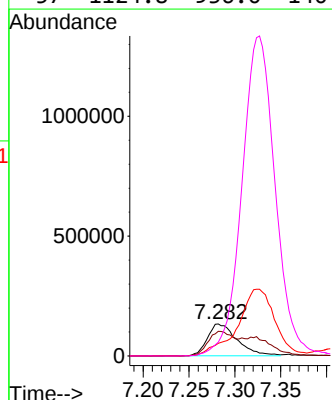
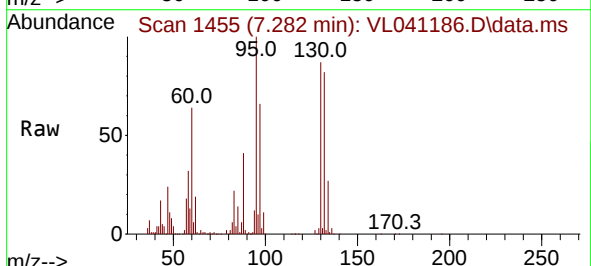
Ion Ratio Lower Upper

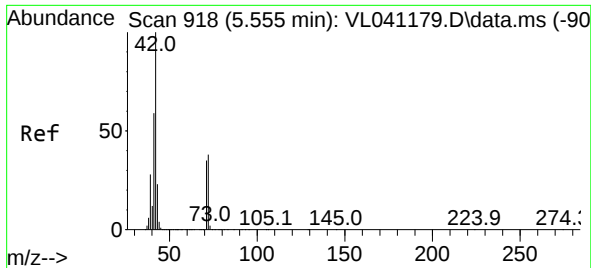
88 100

58 129.7 106.1 159.1

43 262.5 219.8 329.6

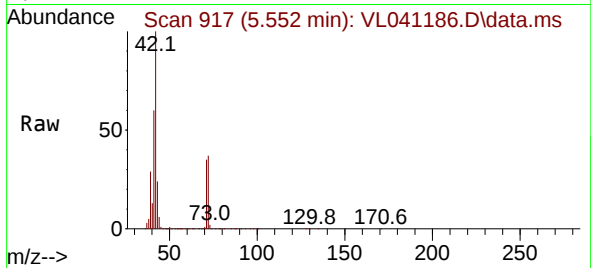
57 1124.8 936.0 1404.0





#41
Tetrahydrofuran
Concen: 10.502 ppbv
RT: 5.552 min Scan# 918
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

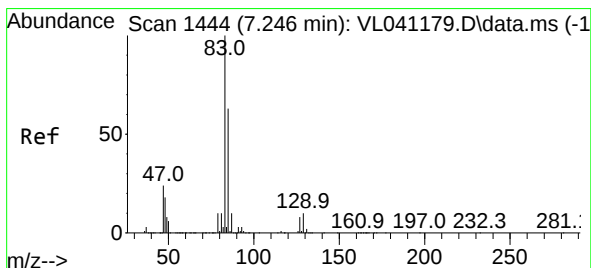
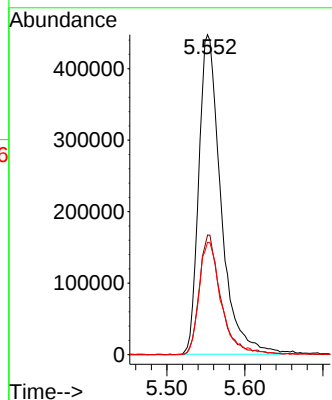
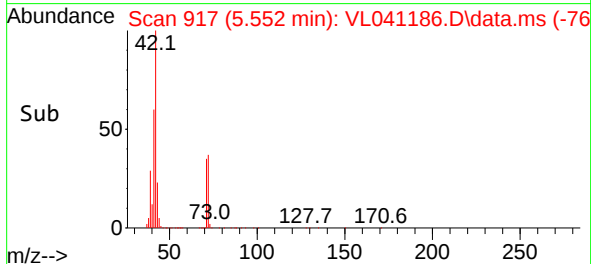
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



Tgt Ion: 42 Resp: 880889
Ion Ratio Lower Upper
42 100
72 36.9 29.4 44.0
71 36.0 29.1 43.7

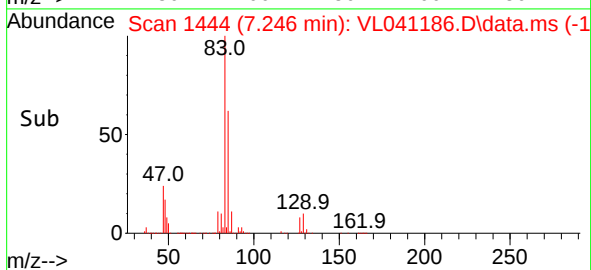
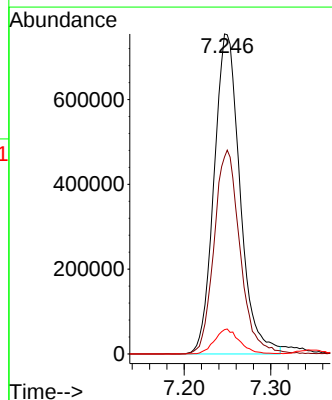
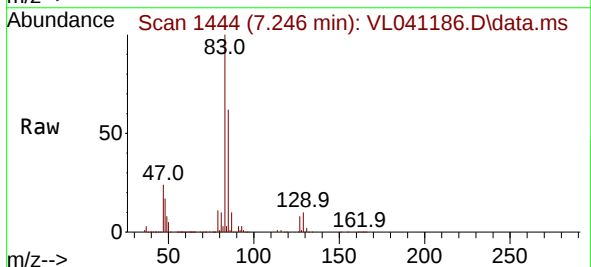
Manual Integrations
APPROVED

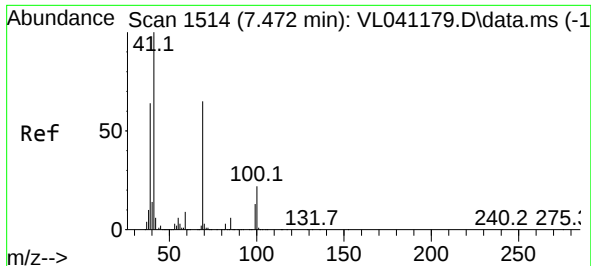
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#42
Bromodichloromethane
Concen: 11.002 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

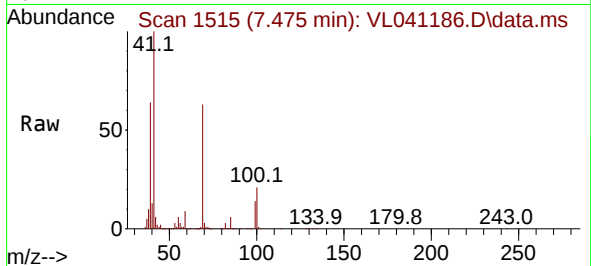
Tgt Ion: 83 Resp: 1572664
Ion Ratio Lower Upper
83 100
85 61.6 50.6 75.8
127 7.6 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.571 ppbv
RT: 7.475 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

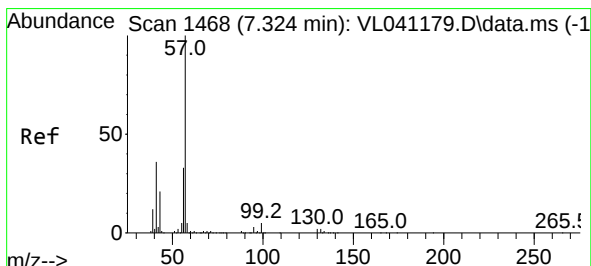
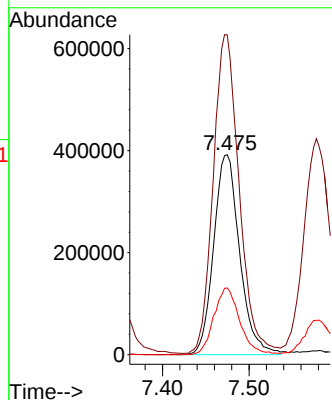
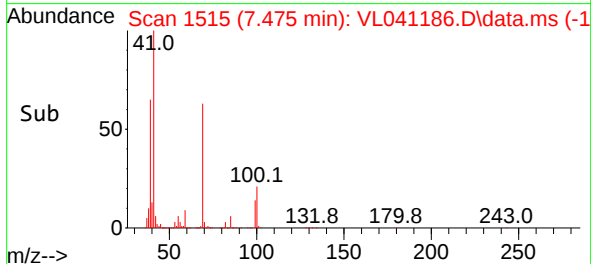
Instrument : MSVOA_L
ClientSampleId : ICVVL042924



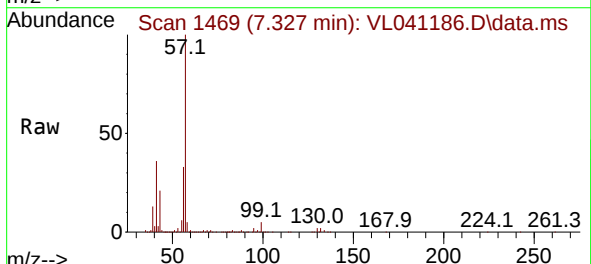
Tgt Ion: 69 Resp: 81678
Ion Ratio Lower Upper
69 100
41 159.2 125.2 187.8
100 33.4 26.7 40.1

Manual Integrations
APPROVED

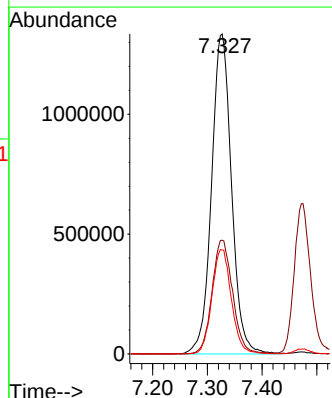
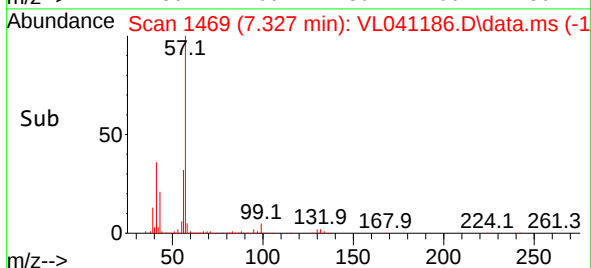
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

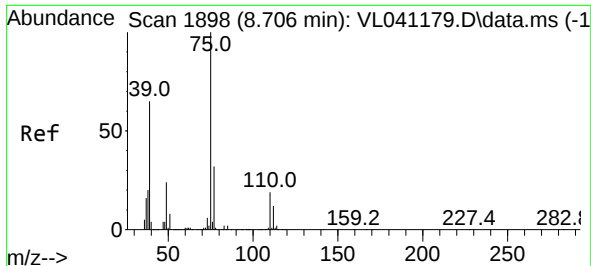


#44
2,2,4-Trimethylpentane
Concen: 10.276 ppbv
RT: 7.327 min Scan# 1469
Delta R.T. 0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07



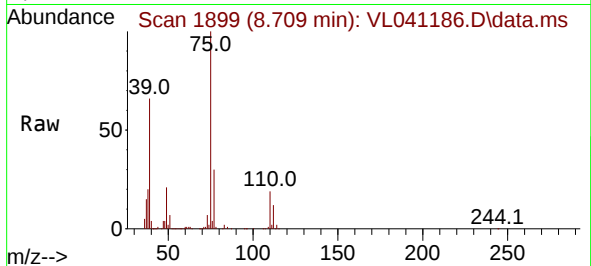
Tgt Ion: 57 Resp: 3384698
Ion Ratio Lower Upper
57 100
41 36.6 29.5 44.3
56 31.9 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 10.750 ppbv
RT: 8.709 min Scan# 1898
Delta R.T. 0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

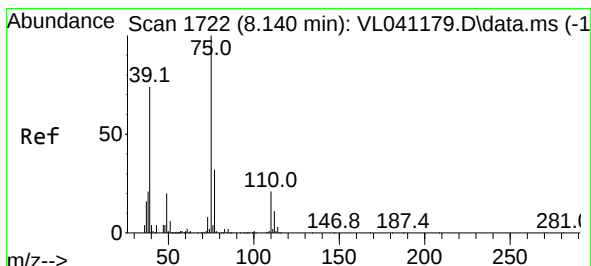
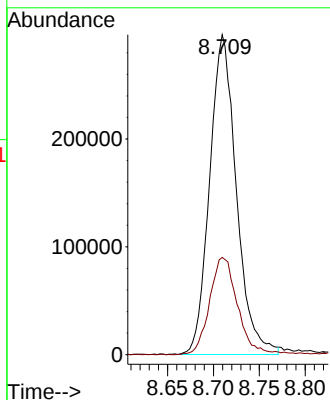
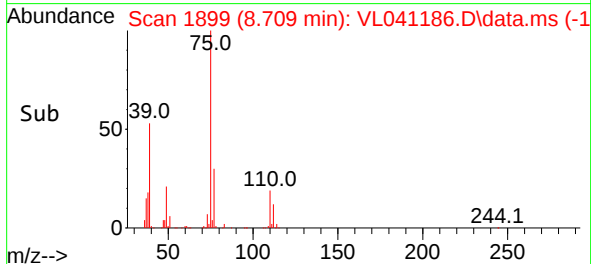
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



Tgt Ion: 75 Resp: 60191
Ion Ratio Lower Upper
75 100
77 30.4 25.6 38.4

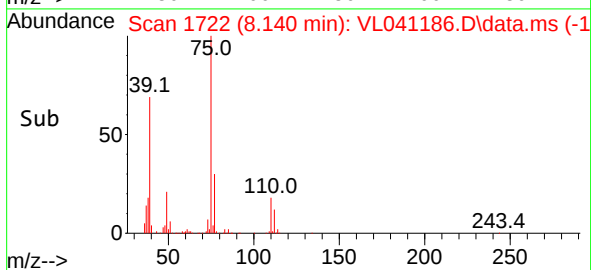
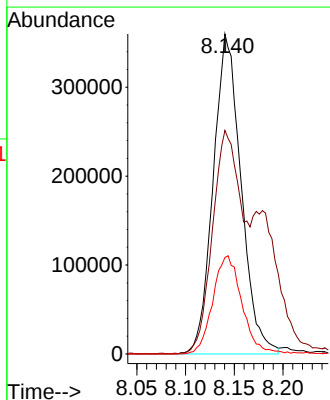
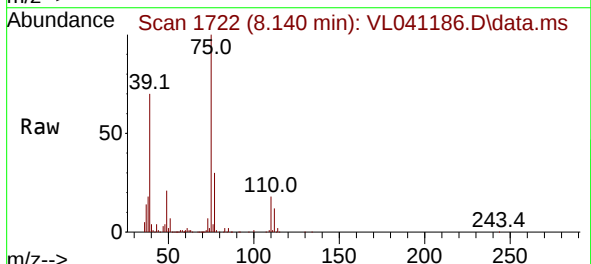
Manual Integrations
APPROVED

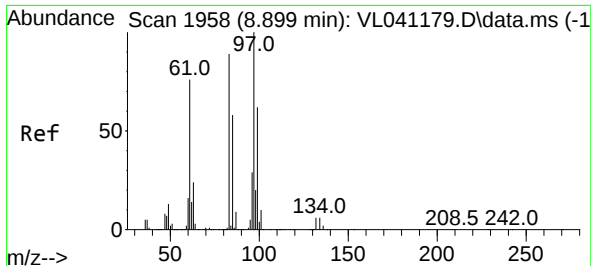
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#46
cis-1,3-Dichloropropene
Concen: 10.427 ppbv
RT: 8.140 min Scan# 1722
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

Tgt Ion: 75 Resp: 714722
Ion Ratio Lower Upper
75 100
39 69.7 59.4 89.2
77 30.1 25.9 38.9





#47

1,1,2-Trichloroethane

Concen: 10.682 ppbv

RT: 8.896 min Scan# 1958

Delta R.T. -0.003 min

Lab File: VL041186.D

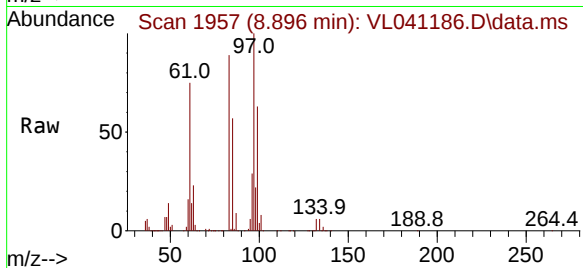
Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924



Tgt Ion: 97 Resp: 787119

Ion Ratio Lower Upper

97 100

83 88.9 71.2 106.8

85 56.6 46.0 69.0

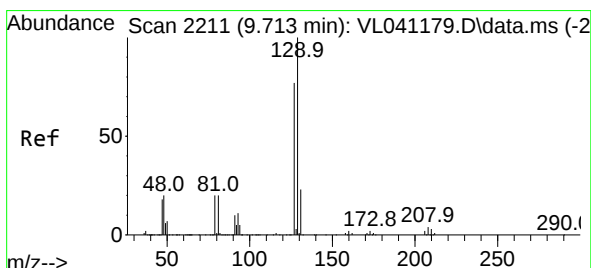
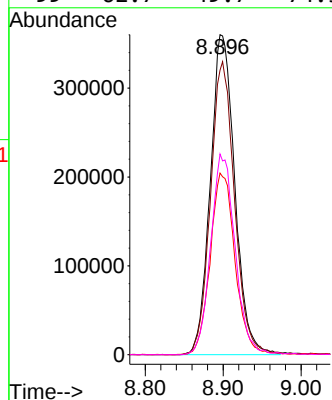
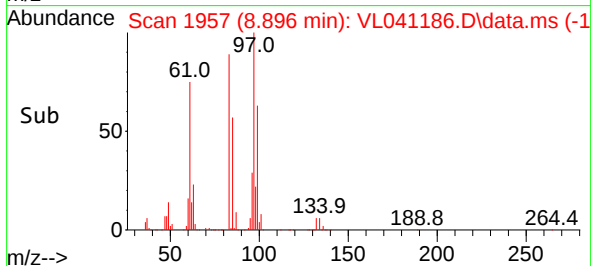
99 62.7 49.7 74.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#48

Dibromochloromethane

Concen: 11.017 ppbv

RT: 9.709 min Scan# 2210

Delta R.T. -0.003 min

Lab File: VL041186.D

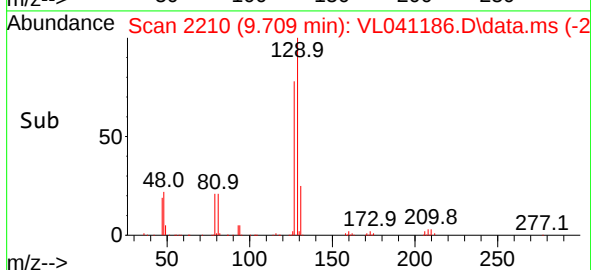
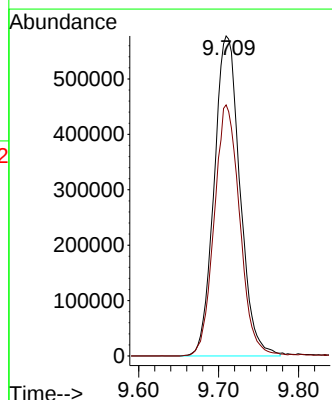
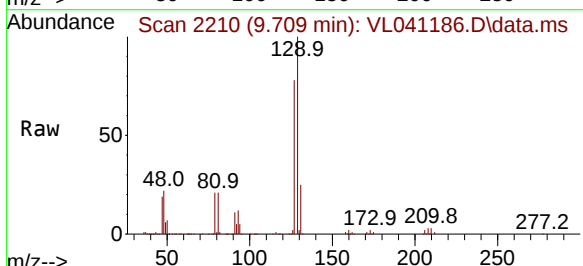
Acq: 29 Apr 2024 16:07

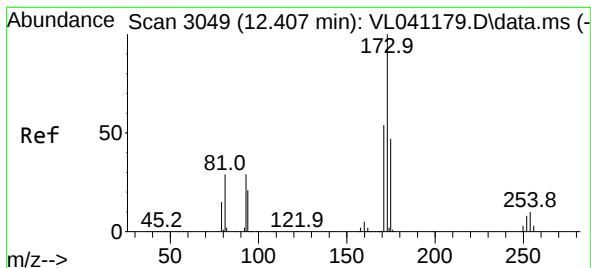
Tgt Ion:129 Resp: 1293536

Ion Ratio Lower Upper

129 100

127 78.3 39.1 117.5





#49

Bromoform

Concen: 11.271 ppbv

RT: 12.410 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924

Tgt Ion:173 Resp: 112574

Ion Ratio Lower Upper

173 100

175 49.1 39.8 59.8

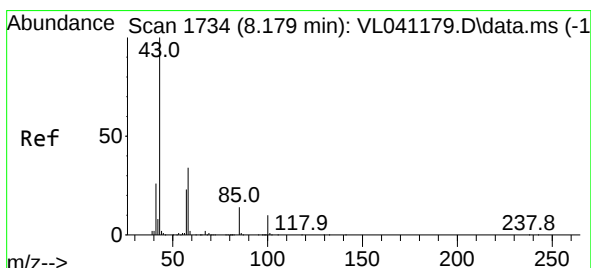
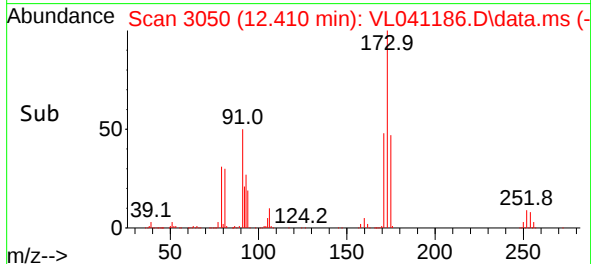
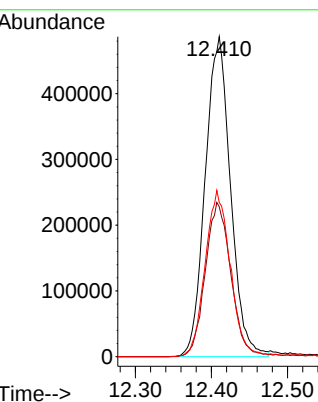
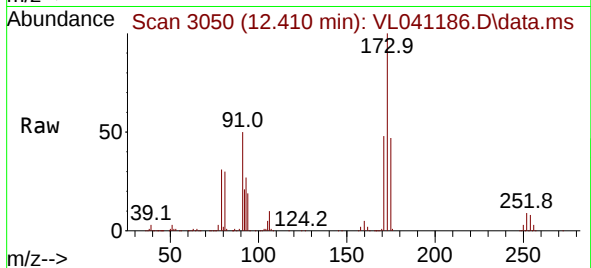
171 51.9 41.8 62.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#50

4-Methyl-2-Pentanone

Concen: 10.036 ppbv

RT: 8.179 min Scan# 1734

Delta R.T. 0.000 min

Lab File: VL041186.D

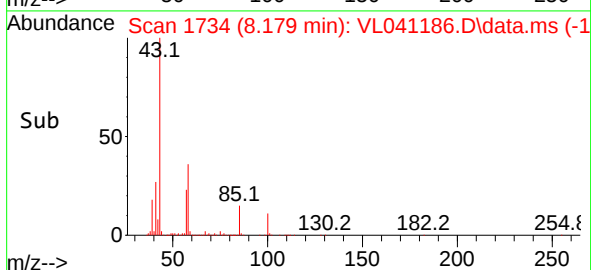
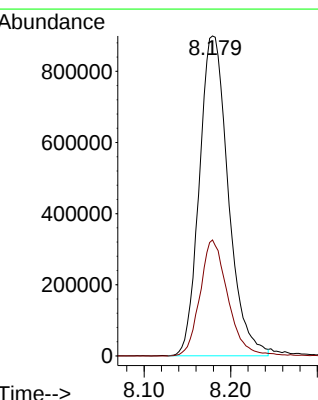
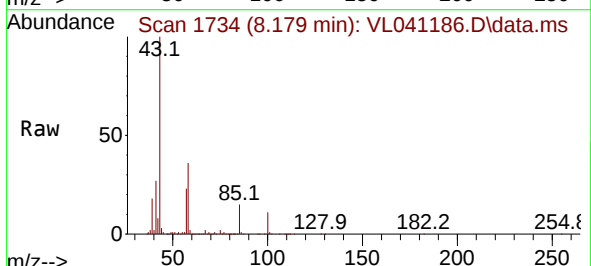
Acq: 29 Apr 2024 16:07

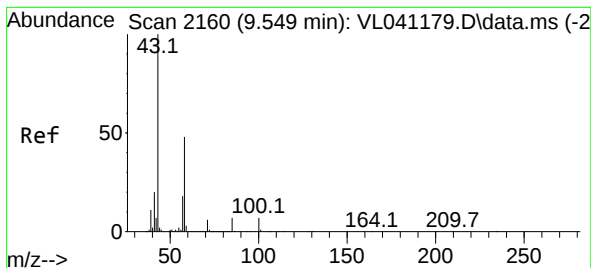
Tgt Ion: 43 Resp: 2086731

Ion Ratio Lower Upper

43 100

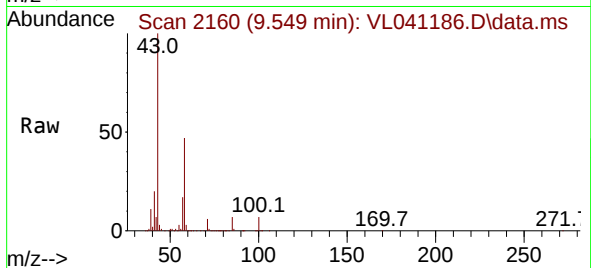
58 35.2 27.7 41.5





#51
2-Hexanone
Concen: 9.969 ppbv
RT: 9.549 min Scan# 2160
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

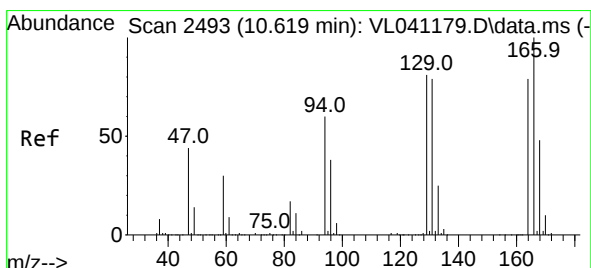
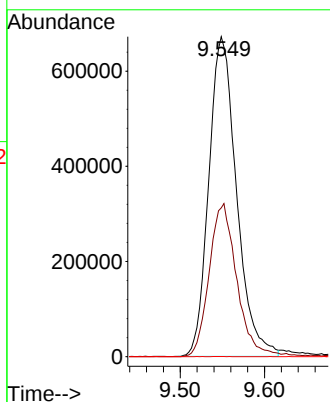
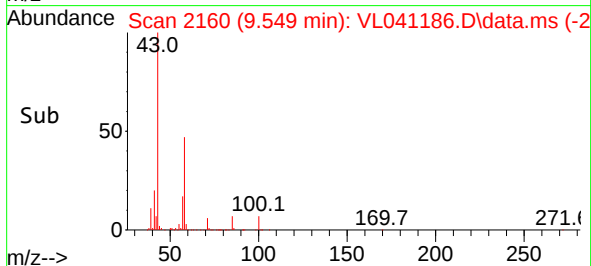
Instrument : MSVOA_L
ClientSampleId : ICVVL042924



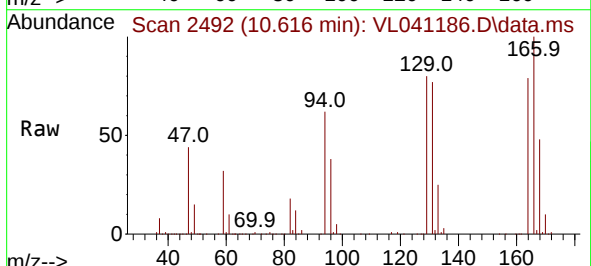
Tgt Ion: 43 Resp: 1537564
Ion Ratio Lower Upper
43 100
58 48.2 38.4 57.6
98 0.0 0.0 0.0

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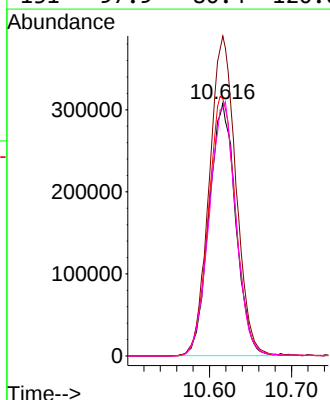
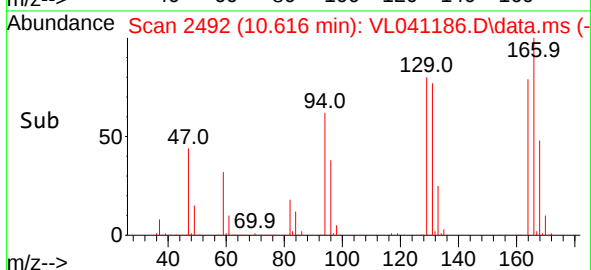
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

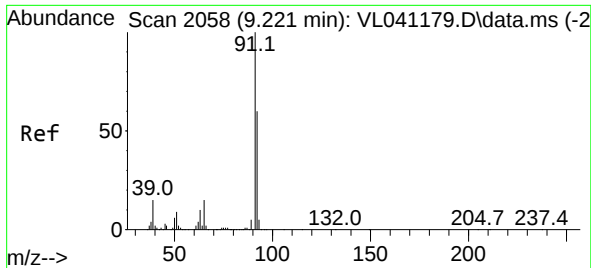


#52
Tetrachloroethene
Concen: 10.334 ppbv
RT: 10.616 min Scan# 2492
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07



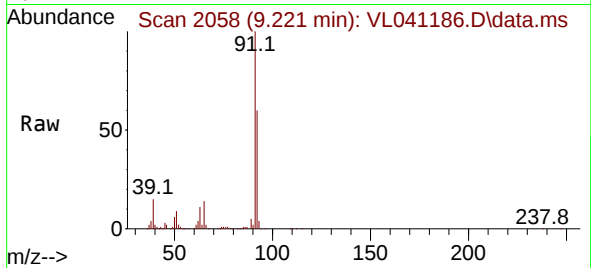
Tgt Ion:164 Resp: 693859
Ion Ratio Lower Upper
164 100
166 126.7 101.1 151.7
129 102.0 81.7 122.5
131 97.9 80.4 120.6





#53
Toluene
Concen: 10.358 ppbv
RT: 9.221 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

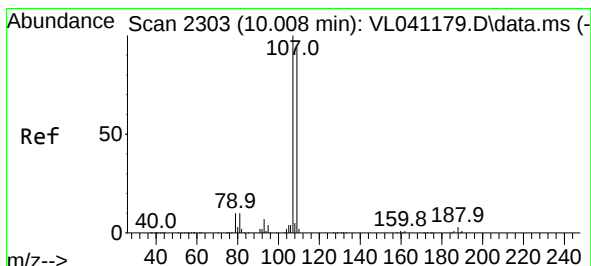
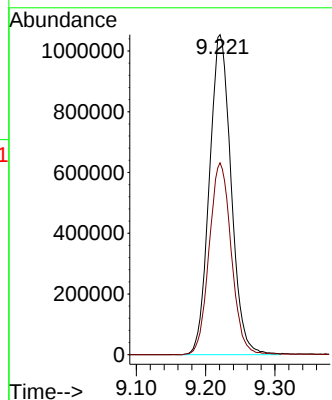
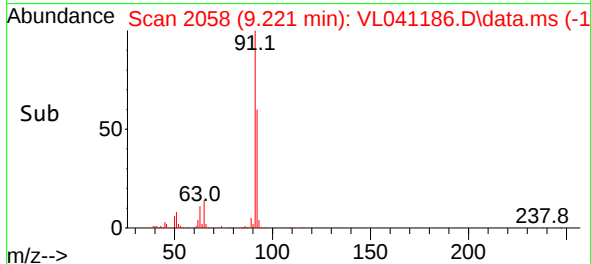
Instrument : MSVOA_L
ClientSampleId : ICVVL042924



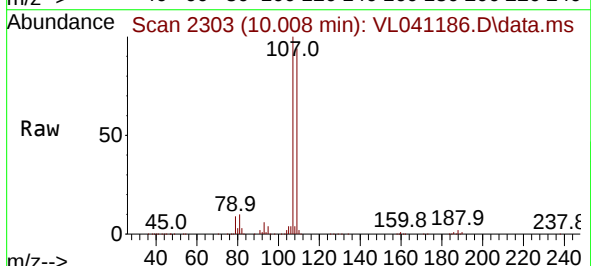
Tgt Ion: 91 Resp: 2294290
Ion Ratio Lower Upper
91 100
92 61.0 48.2 72.4

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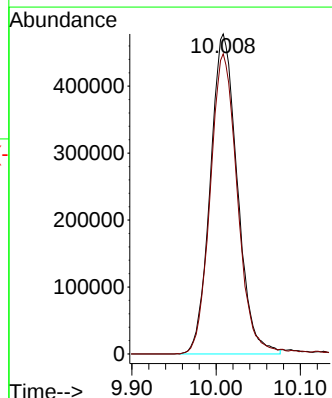
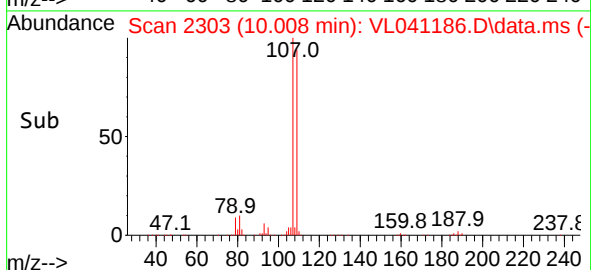
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

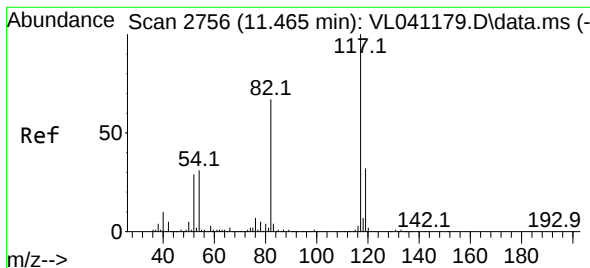


#54
1,2-Dibromoethane
Concen: 10.681 ppbv
RT: 10.008 min Scan# 2303
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07



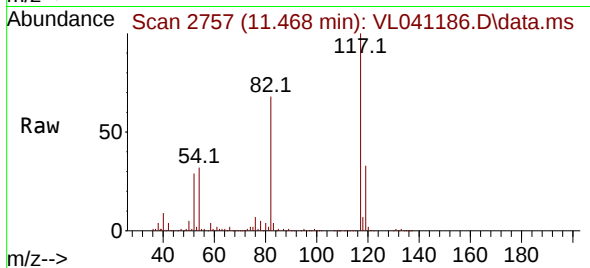
Tgt Ion:107 Resp: 1066096
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.468 min Scan# 2756
Delta R.T. 0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

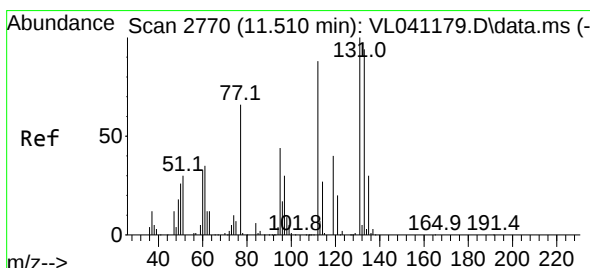
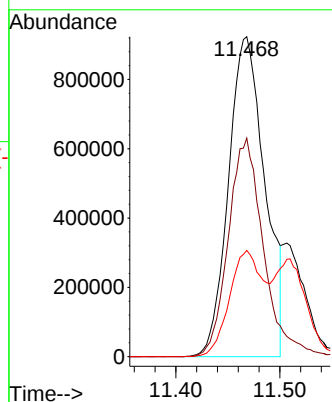
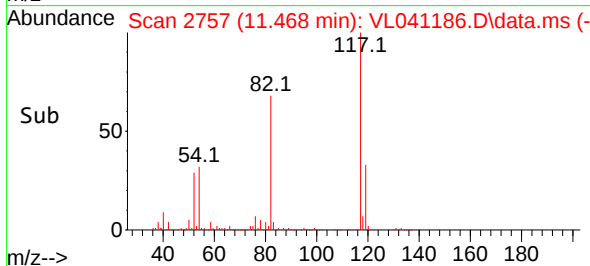
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



Tgt Ion:117 Resp: 224376
Ion Ratio Lower Upper
117 100
82 66.9 53.6 80.4
119 29.8 27.2 40.8

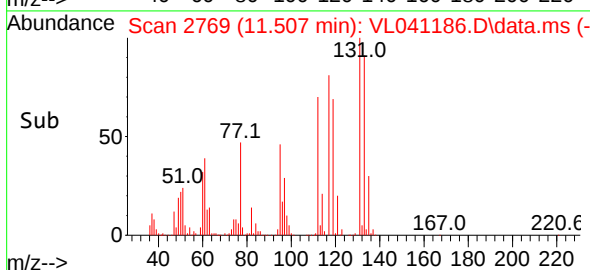
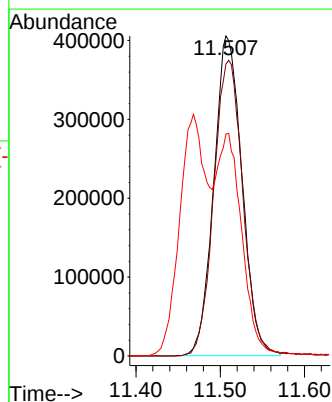
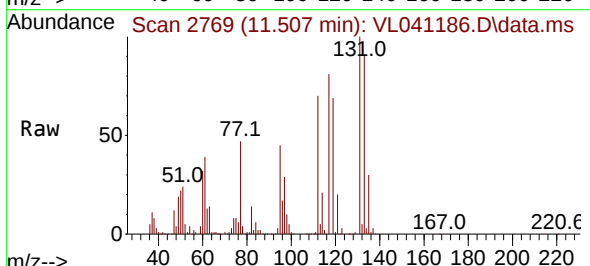
Manual Integrations
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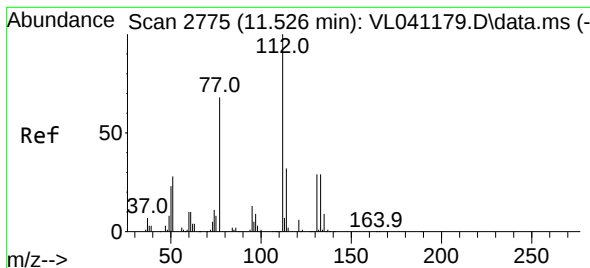
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#56
1,1,1,2-Tetrachloroethane
Concen: 10.337 ppbv
RT: 11.507 min Scan# 2769
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

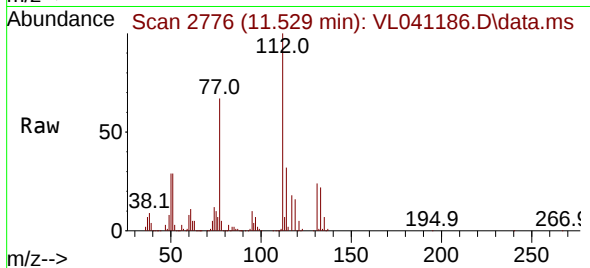
Tgt Ion:131 Resp: 940466
Ion Ratio Lower Upper
131 100
133 96.5 76.3 114.5
119 71.8 49.4 74.2





#57
Chlorobenzene
Concen: 9.977 ppbv
RT: 11.529 min Scan# 2776
Delta R.T. 0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

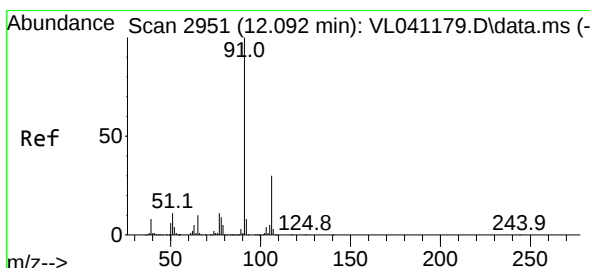
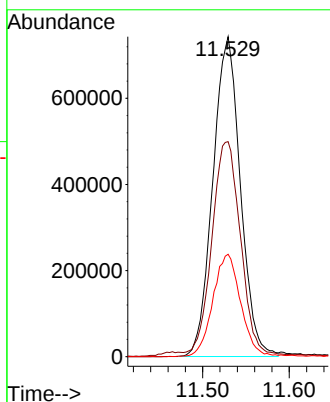
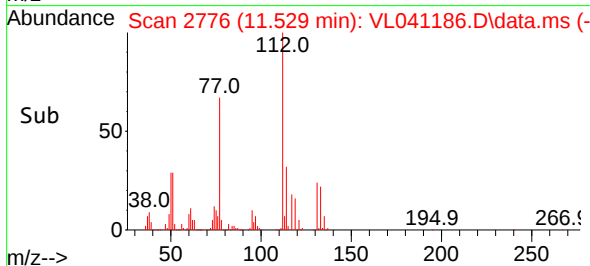
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



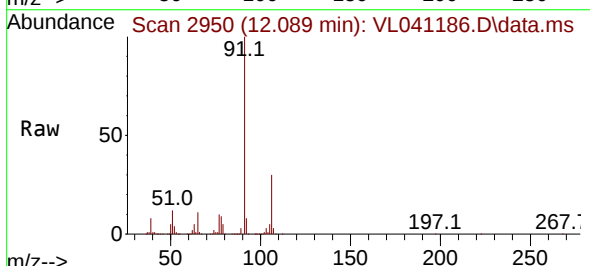
Tgt Ion:112 Resp: 1639510
Ion Ratio Lower Upper
112 100
77 66.4 54.9 82.3
114 31.9 28.7 35.1

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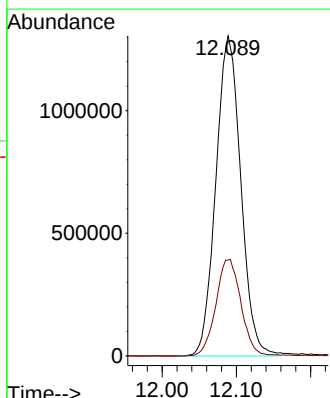
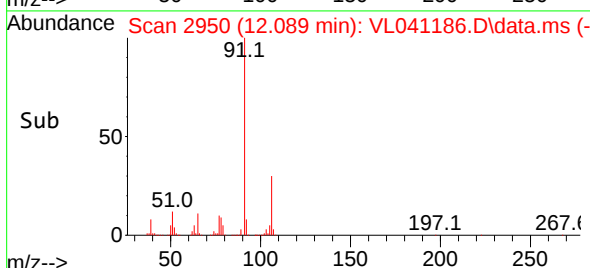
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

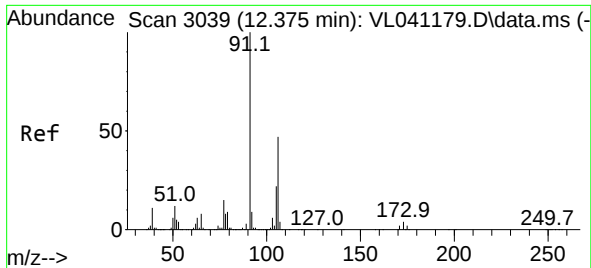


#58
Ethyl Benzene
Concen: 9.904 ppbv
RT: 12.089 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07



Tgt Ion: 91 Resp: 3047178
Ion Ratio Lower Upper
91 100
106 30.0 24.3 36.5





#59

m/p-Xylene

Concen: 19.679 ppbv m

RT: 12.372 min Scan# 3039

Delta R.T. -0.003 min

Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924

Tgt Ion: 91 Resp: 508866

Ion Ratio Lower Upper

91 100

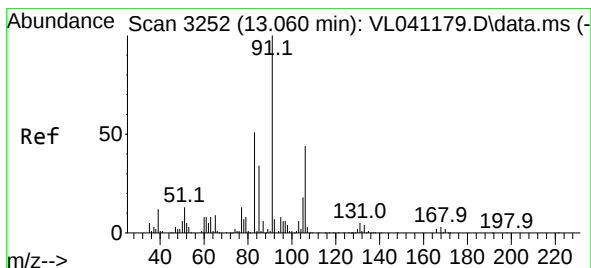
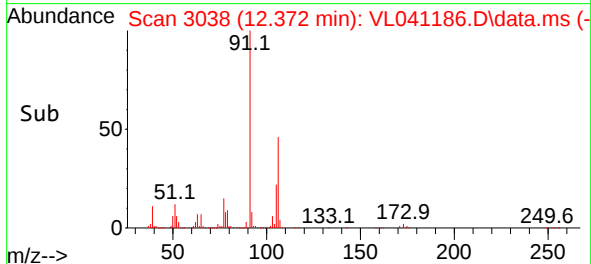
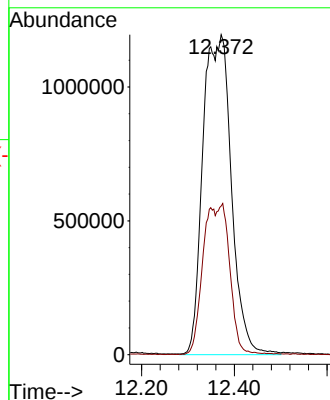
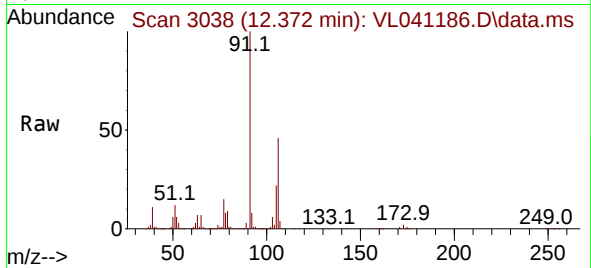
106 44.3 35.7 53.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#60

o-Xylene

Concen: 9.859 ppbv

RT: 13.060 min Scan# 3252

Delta R.T. 0.000 min

Lab File: VL041186.D

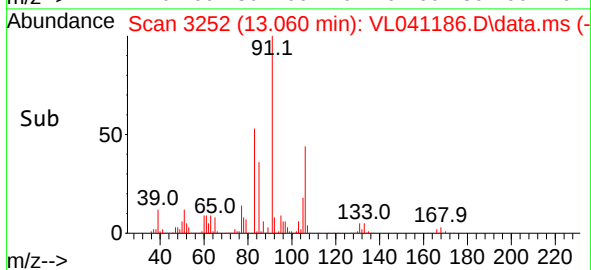
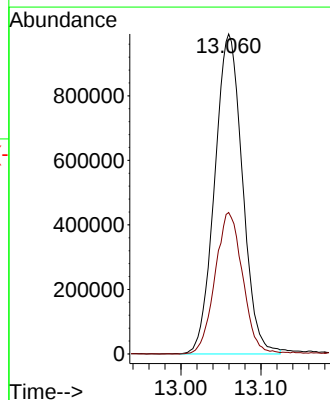
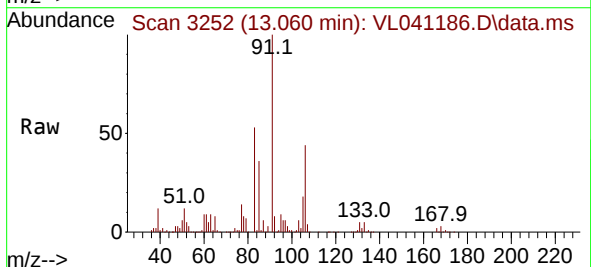
Acq: 29 Apr 2024 16:07

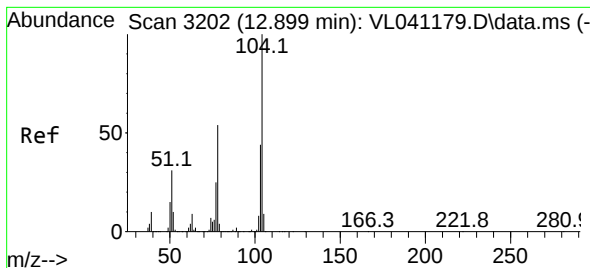
Tgt Ion: 91 Resp: 2389774

Ion Ratio Lower Upper

91 100

106 44.2 22.4 67.3





#61

Styrene

Concen: 10.199 ppbv

RT: 12.899 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL041186.D

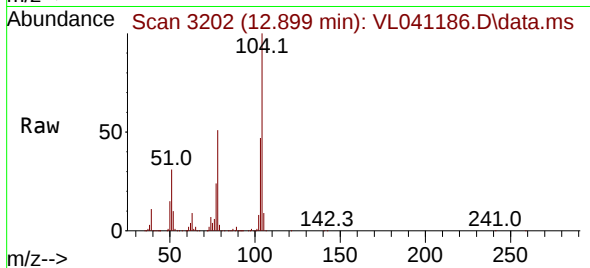
Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924



Tgt Ion:104 Resp: 130584

Ion Ratio Lower Upper

104 100

78 53.3 42.6 63.8

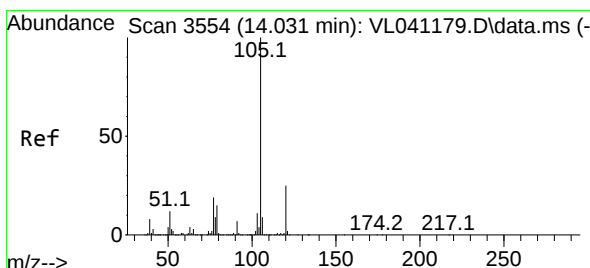
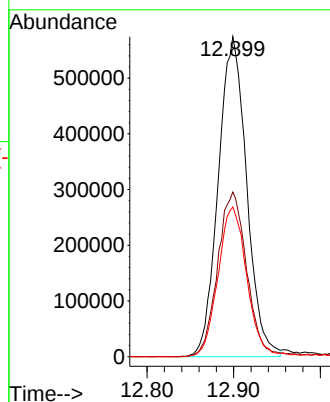
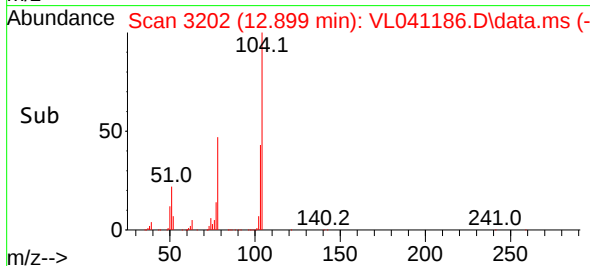
103 47.9 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#62

Isopropylbenzene

Concen: 9.864 ppbv

RT: 14.031 min Scan# 3554

Delta R.T. 0.000 min

Lab File: VL041186.D

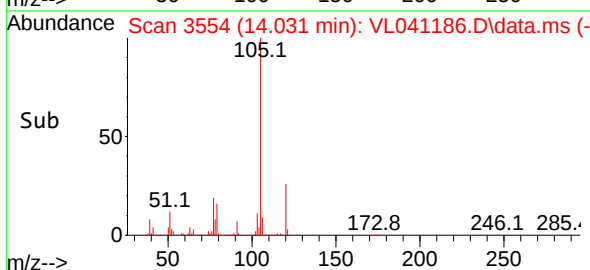
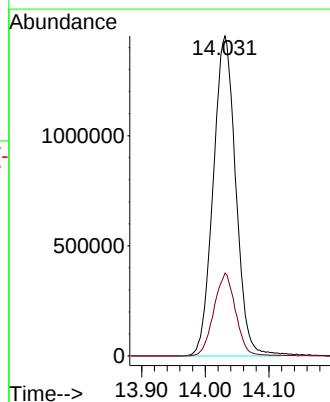
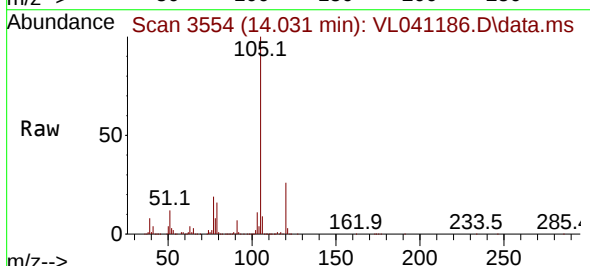
Acq: 29 Apr 2024 16:07

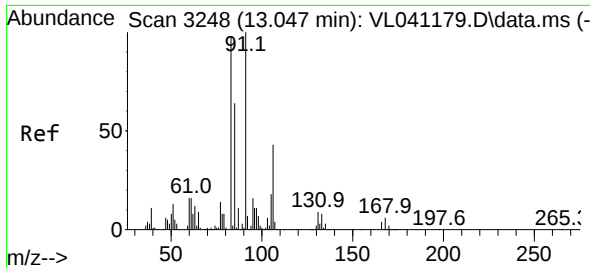
Tgt Ion:105 Resp: 3576053

Ion Ratio Lower Upper

105 100

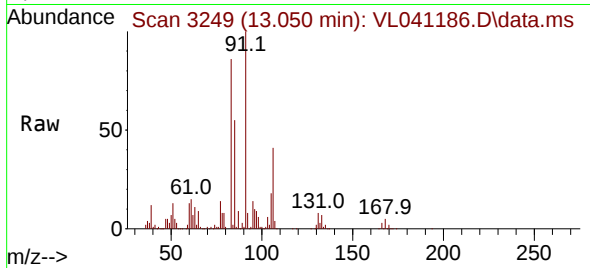
120 25.2 20.2 30.2





#63
1,1,2,2-Tetrachloroethane
Concen: 10.207 ppbv
RT: 13.050 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

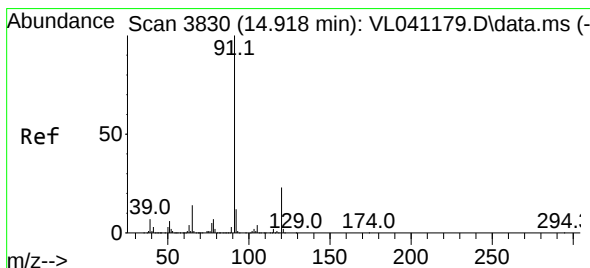
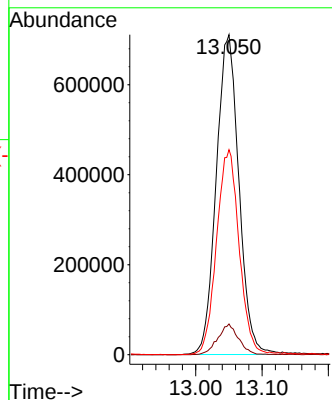
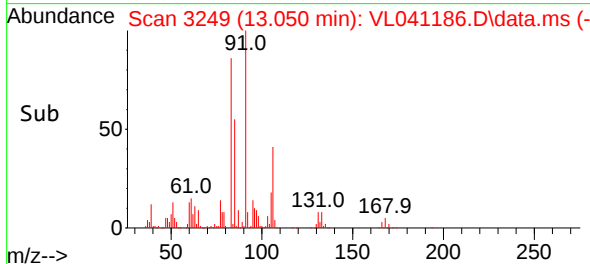
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



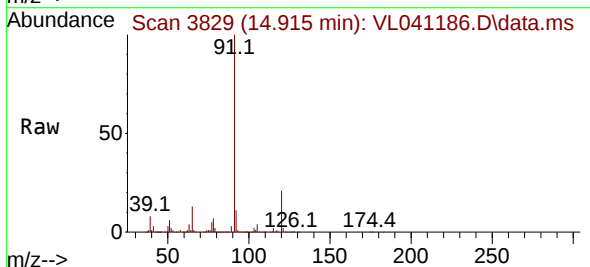
Tgt Ion: 83 Resp: 1686414
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.5
85 64.6 32.7 98.1

Manual Integrations
APPROVED

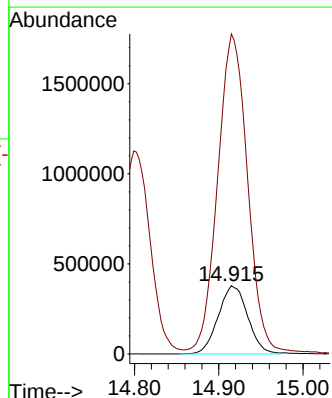
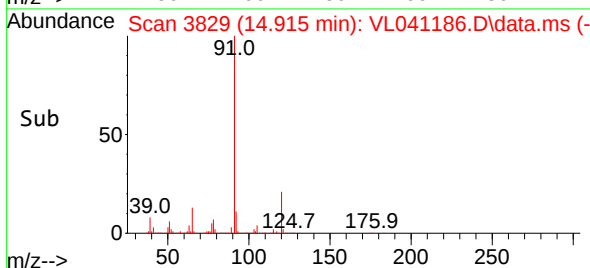
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

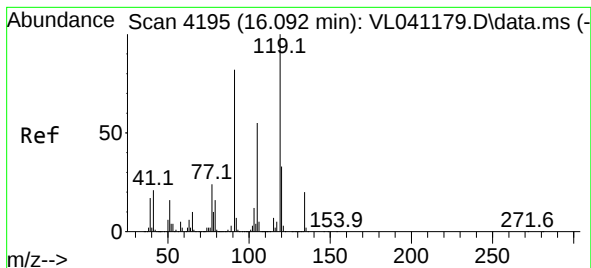


#64
n-propylbenzene
Concen: 10.160 ppbv
RT: 14.915 min Scan# 3829
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07



Tgt Ion:120 Resp: 918962
Ion Ratio Lower Upper
120 100
91 480.9 384.8 577.2





#65

tert-Butylbenzene

Concen: 9.575 ppbv

RT: 16.092 min Scan# 4195

Delta R.T. 0.000 min

Lab File: VL041186.D

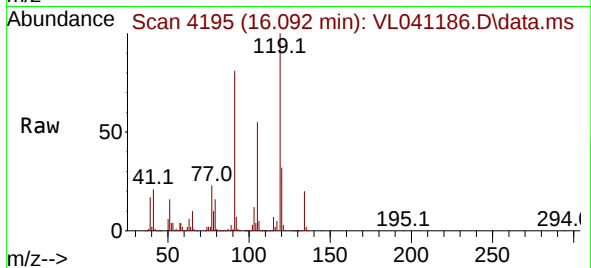
Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924



Tgt Ion: 119 Resp: 310929

Ion Ratio Lower Upper

119 100

91 82.6 67.0 100.4

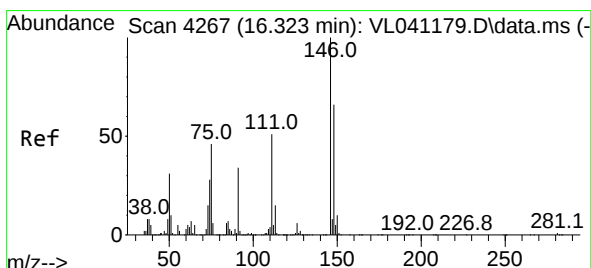
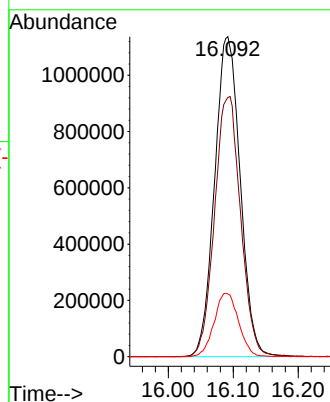
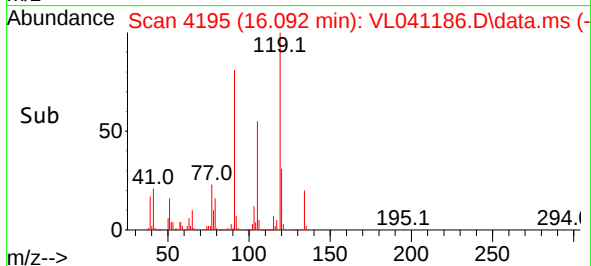
134 19.0 15.2 22.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#66

Benzyl Chloride

Concen: 8.190 ppbv m

RT: 16.326 min Scan# 4268

Delta R.T. 0.003 min

Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

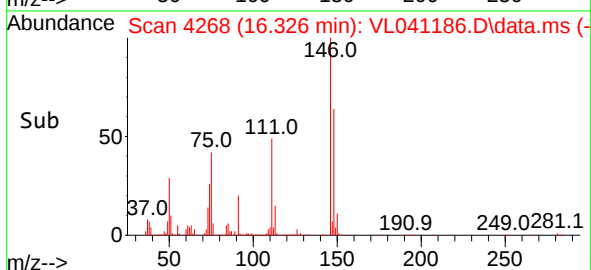
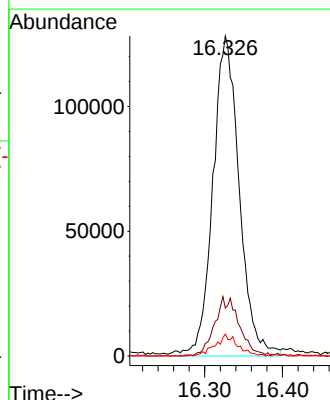
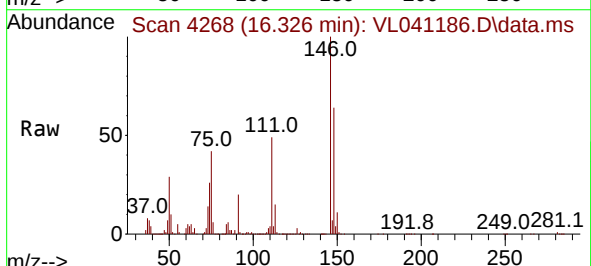
Tgt Ion: 91 Resp: 301037

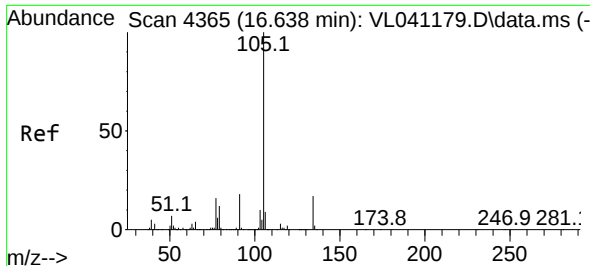
Ion Ratio Lower Upper

91 100

126 17.5 14.6 21.8

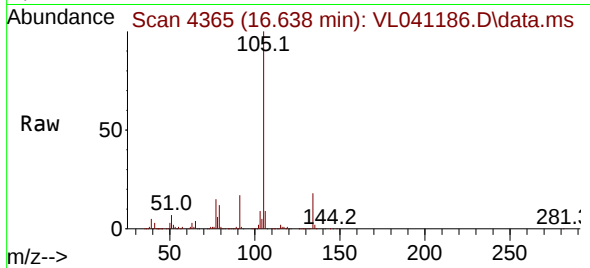
128 5.9 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 9.671 ppbv
 RT: 16.638 min Scan# 4365
 Delta R.T. 0.000 min
 Lab File: VL041186.D
 Acq: 29 Apr 2024 16:07

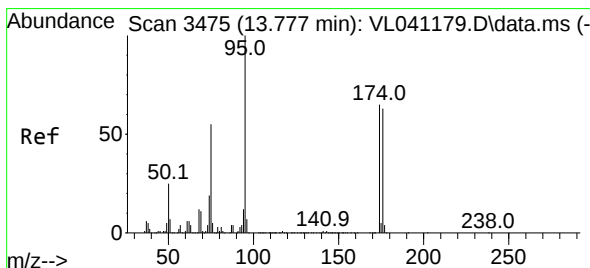
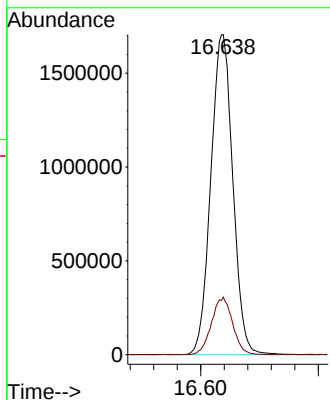
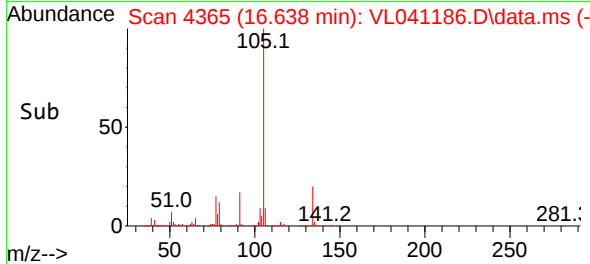
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL042924



Tgt Ion:105 Resp: 442071
 Ion Ratio Lower Upper
 105 100
 134 17.2 13.8 20.8

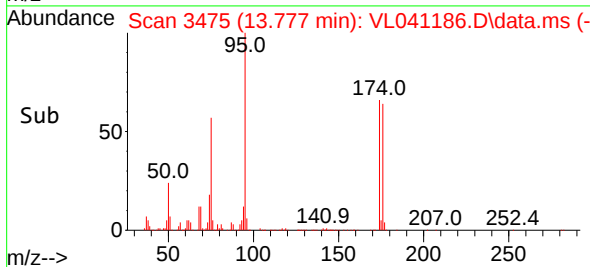
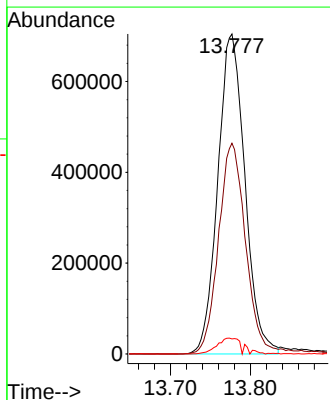
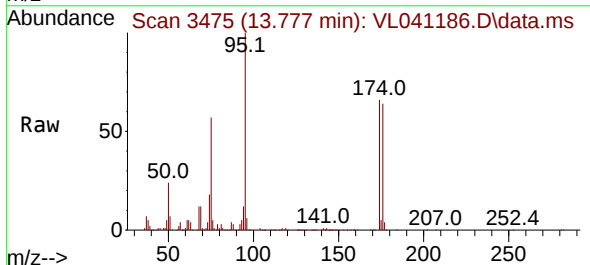
Manual Integrations
 APPROVED

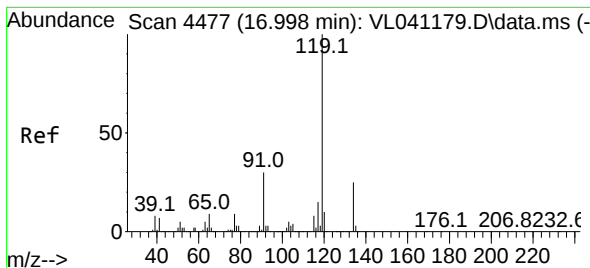
Reviewed By :Semsettin Yesilyurt 04/30/2024
 Supervised By :Mahesh Dadoda 04/30/2024



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.784 ppbv
 RT: 13.777 min Scan# 3475
 Delta R.T. 0.000 min
 Lab File: VL041186.D
 Acq: 29 Apr 2024 16:07

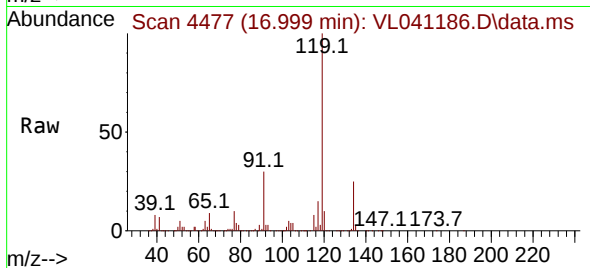
Tgt Ion: 95 Resp: 1657417
 Ion Ratio Lower Upper
 95 100
 174 67.4 53.6 80.4
 175 4.8 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.685 ppbv
RT: 16.999 min Scan# 4477
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

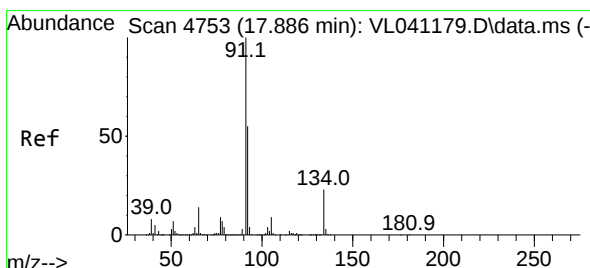
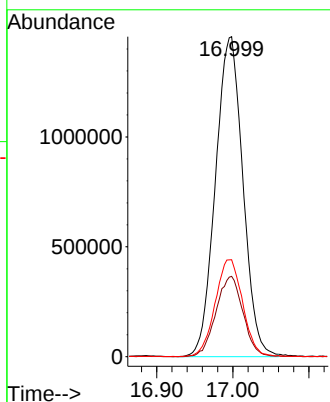
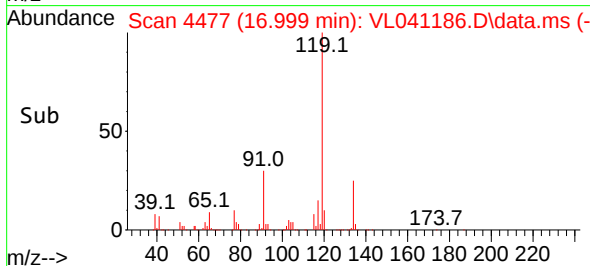
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



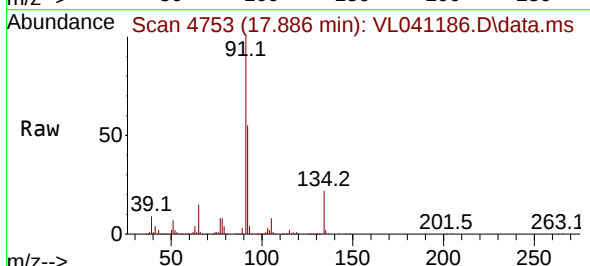
Tgt Ion: 119 Resp: 3648250
Ion Ratio Lower Upper
119 100
134 24.8 20.1 30.1
91 30.4 24.2 36.2

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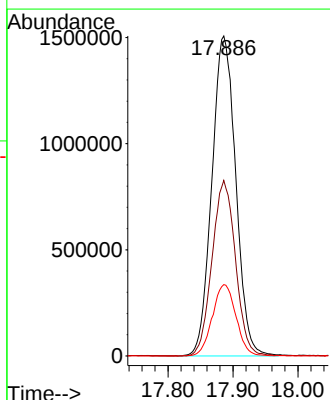
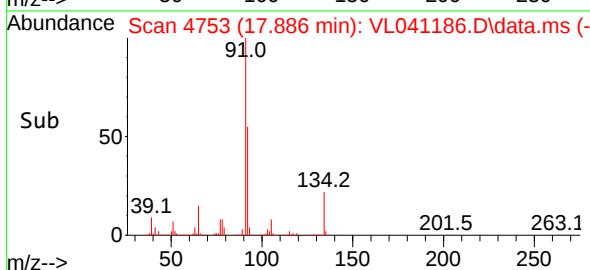
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

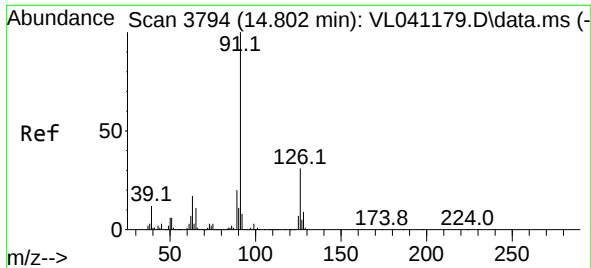


#70
n-Butylbenzene
Concen: 9.773 ppbv
RT: 17.886 min Scan# 4753
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07



Tgt Ion: 91 Resp: 3844940
Ion Ratio Lower Upper
91 100
92 53.8 43.3 64.9
134 22.2 17.8 26.8





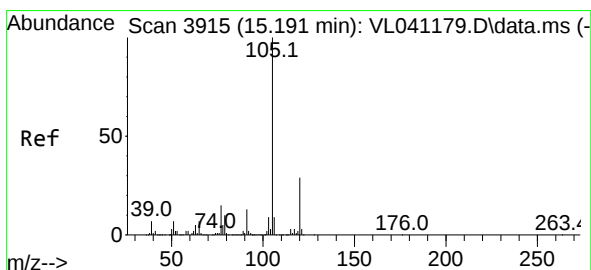
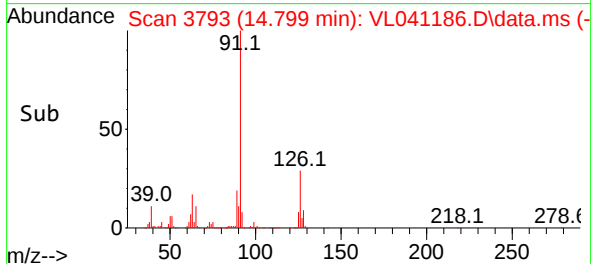
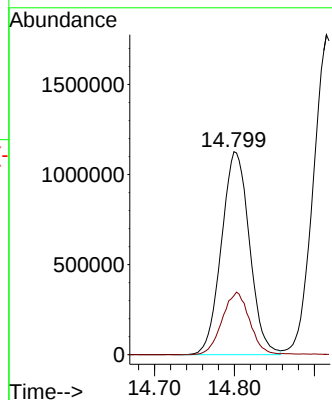
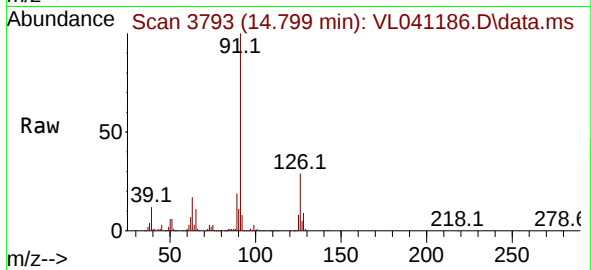
#71
2-Chlorotoluene
Concen: 9.937 ppbv
RT: 14.799 min Scan# 3794
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

Instrument : MSVOA_L
ClientSampleId : ICVVL042924

Tgt Ion: 91 Resp: 274314
Ion Ratio Lower Upper
91 100
126 30.7 12.2 48.8

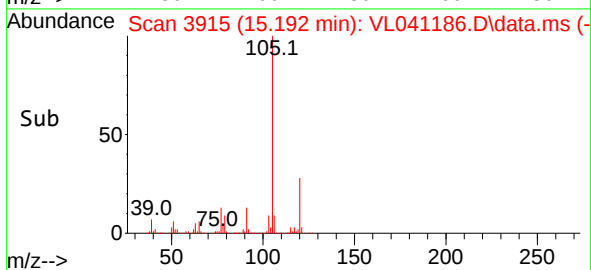
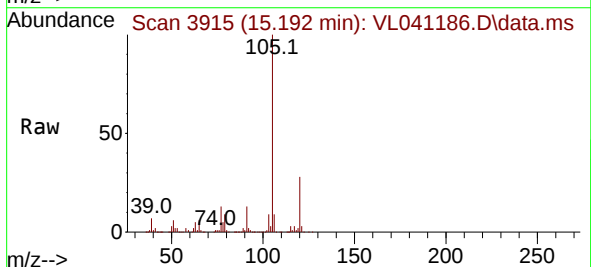
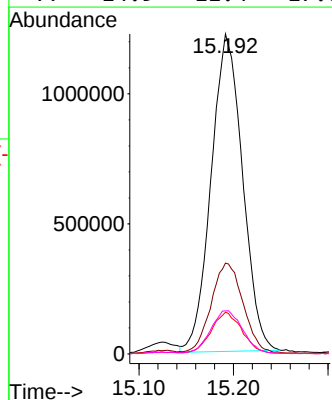
Manual Integrations
APPROVED

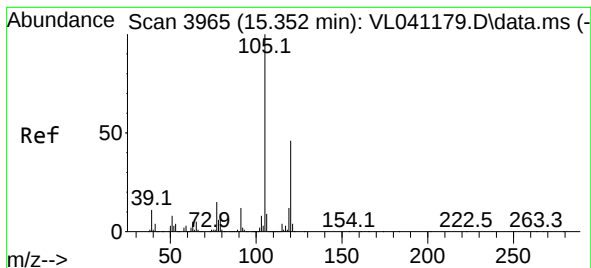
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024



#72
4-Ethyltoluene
Concen: 10.250 ppbv
RT: 15.192 min Scan# 3915
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

Tgt Ion:105 Resp: 2814150
Ion Ratio Lower Upper
105 100
120 29.9 24.7 37.1
91 13.0 10.3 15.5
77 14.9 11.4 17.0





#73

1,3,5-Trimethylbenzene

Concen: 9.952 ppbv

RT: 15.352 min Scan# 3965

Delta R.T. 0.000 min

Lab File: VL041186.D

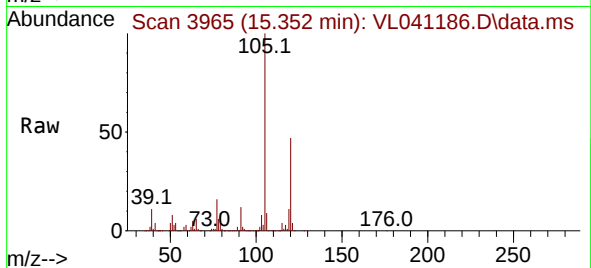
Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924



Tgt Ion:105 Resp: 2472069

Ion Ratio Lower Upper

105 100

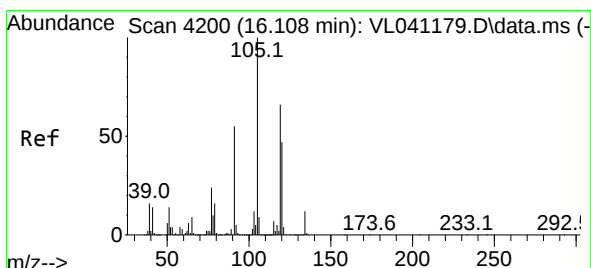
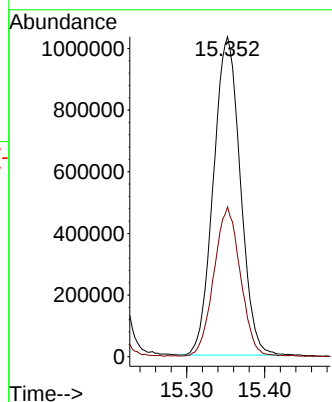
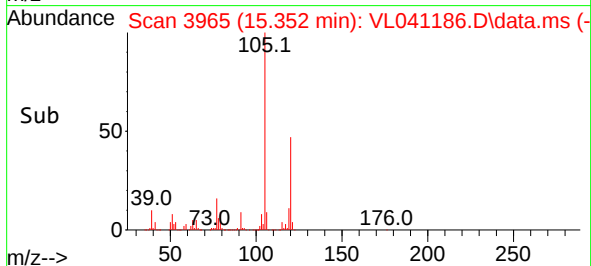
120 46.8 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#74

1,2,4-Trimethylbenzene

Concen: 9.875 ppbv

RT: 16.108 min Scan# 4200

Delta R.T. 0.000 min

Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

Tgt Ion:105 Resp: 2679180

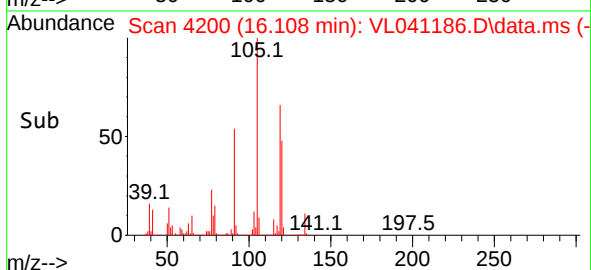
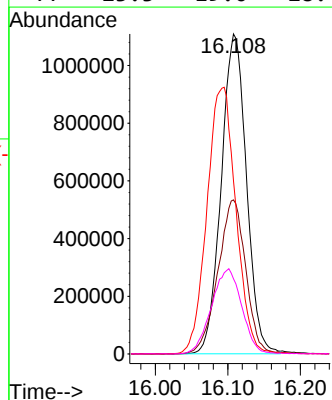
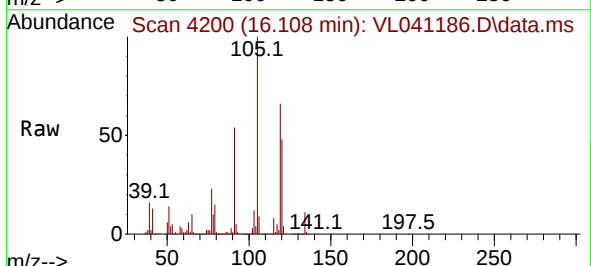
Ion Ratio Lower Upper

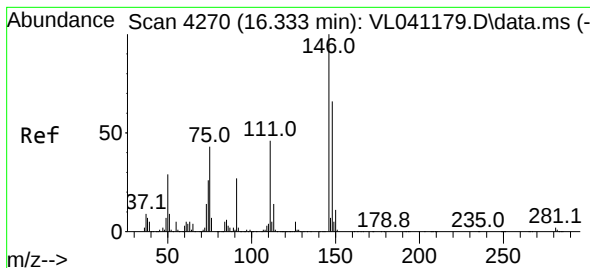
105 100

120 48.0 37.8 56.6

91 53.8 44.3 66.5

77 23.3 19.0 28.4





#75

1,3-Dichlorobenzene

Concen: 10.141 ppbv

RT: 16.333 min Scan# 4270

Delta R.T. 0.000 min

Lab File: VL041186.D

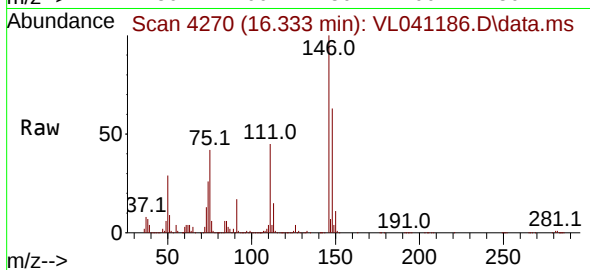
Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924



Tgt Ion:146 Resp: 1577586

Ion Ratio Lower Upper

146 100

111 47.6 23.7 71.1

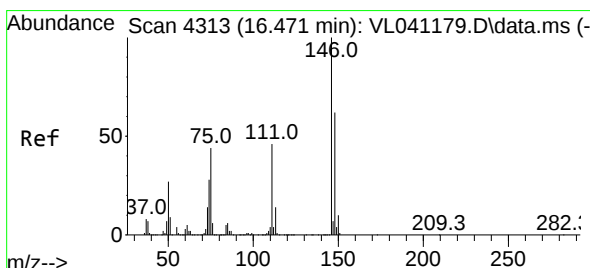
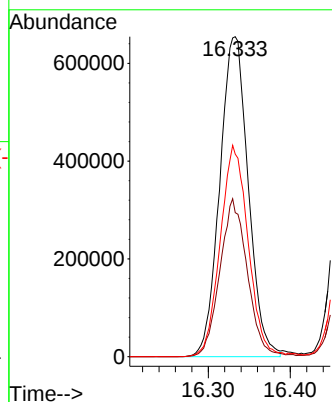
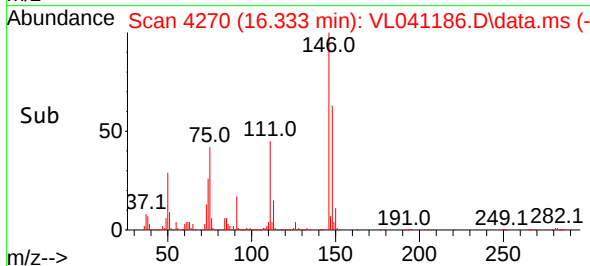
148 65.2 32.5 97.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#76

1,4-Dichlorobenzene

Concen: 10.406 ppbv

RT: 16.471 min Scan# 4313

Delta R.T. 0.000 min

Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

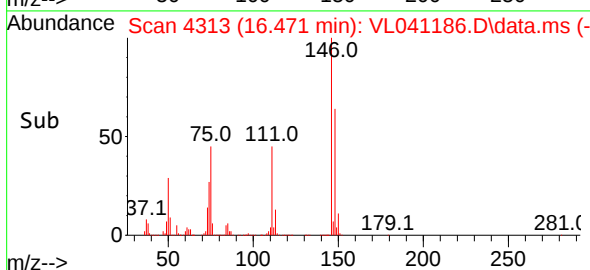
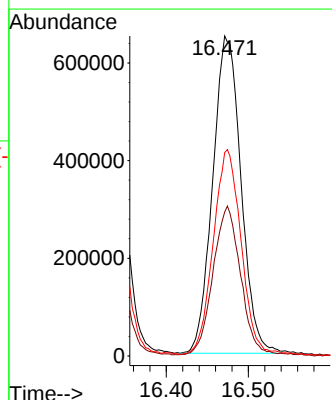
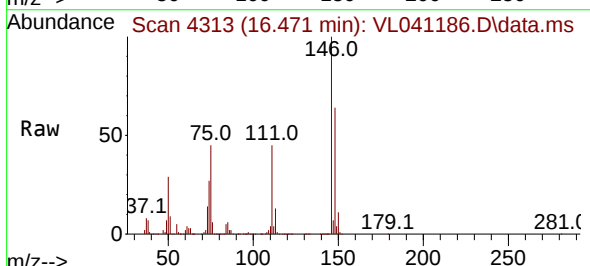
Tgt Ion:146 Resp: 1556729

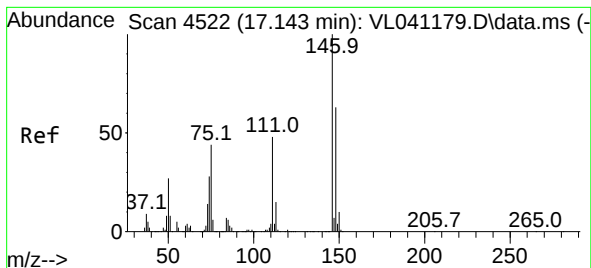
Ion Ratio Lower Upper

146 100

111 46.8 23.3 69.8

148 65.7 32.6 97.7





#77

1,2-Dichlorobenzene

Concen: 9.822 ppbv

RT: 17.143 min Scan# 4522

Delta R.T. 0.000 min

Lab File: VL041186.D

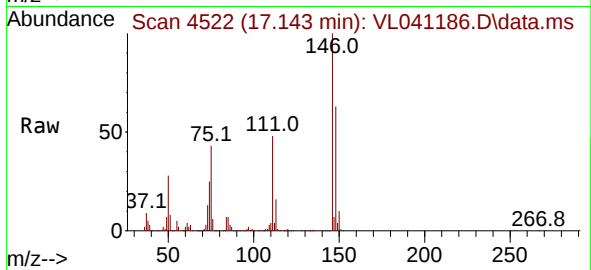
Acq: 29 Apr 2024 16:07

Instrument :

MSVOA_L

ClientSampleId :

ICVVL042924



Tgt Ion:146 Resp: 1527384

Ion Ratio Lower Upper

146 100

111 48.8 24.5 73.5

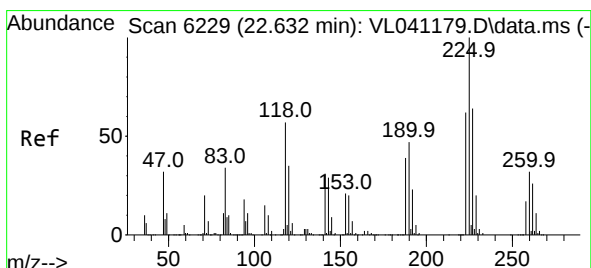
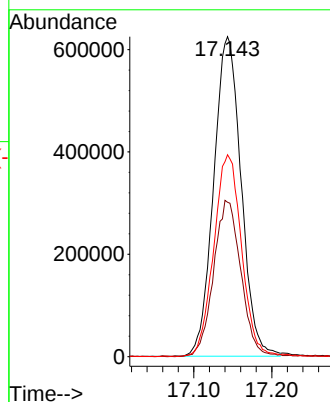
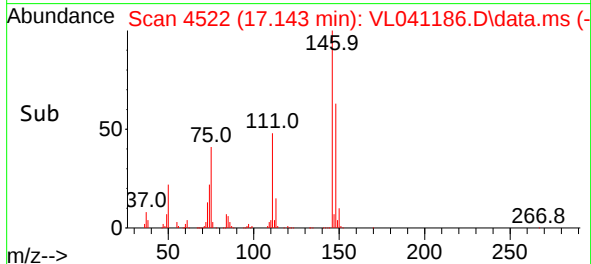
148 64.5 32.6 98.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 04/30/2024

Supervised By :Mahesh Dadoda 04/30/2024



#78

Hexachloro-1,3-Butadiene

Concen: 8.904 ppbv

RT: 22.632 min Scan# 6229

Delta R.T. 0.000 min

Lab File: VL041186.D

Acq: 29 Apr 2024 16:07

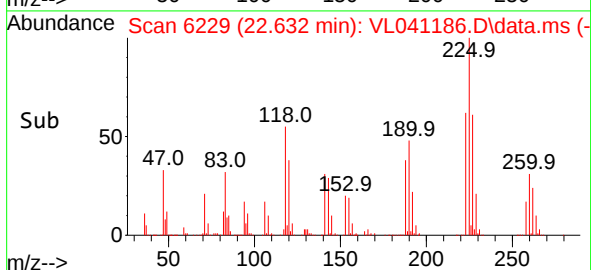
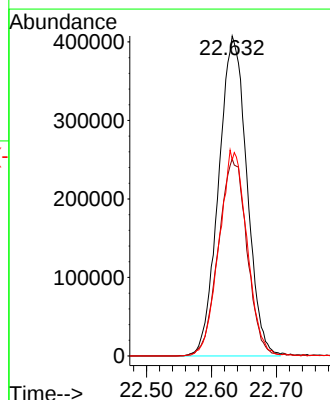
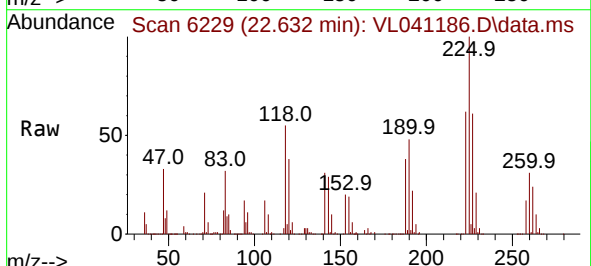
Tgt Ion:225 Resp: 1230545

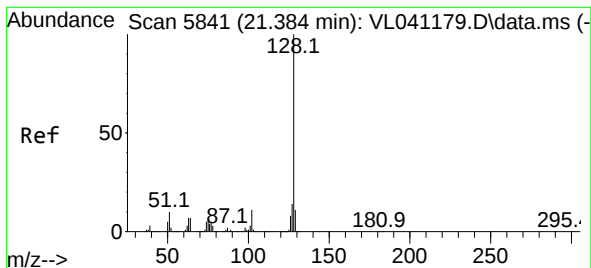
Ion Ratio Lower Upper

225 100

223 62.8 50.9 76.3

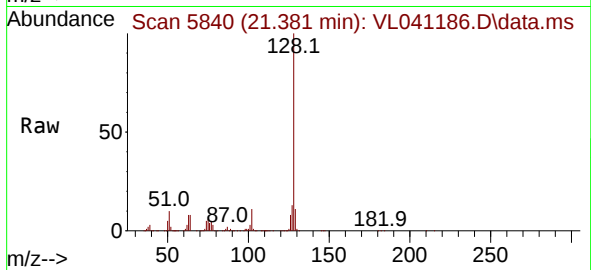
227 63.9 52.0 78.0





#79
Naphthalene
Concen: 10.292 ppbv
RT: 21.381 min Scan# 5841
Delta R.T. -0.003 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07

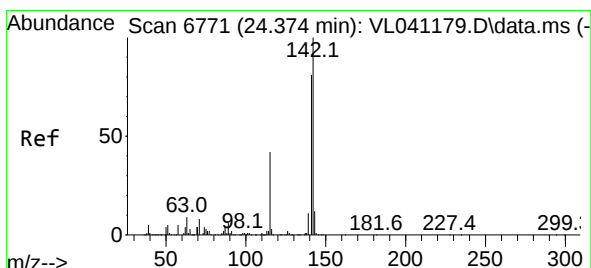
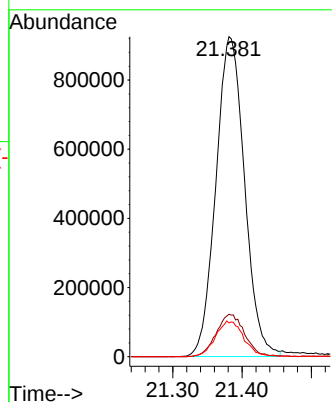
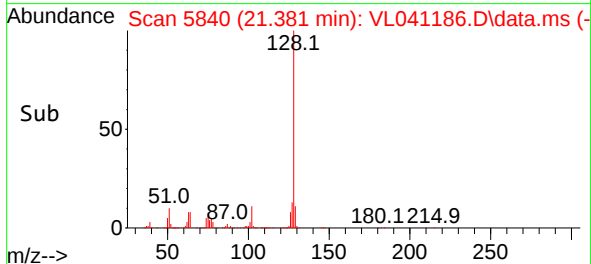
Instrument :
MSVOA_L
ClientSampleId :
ICVVL042924



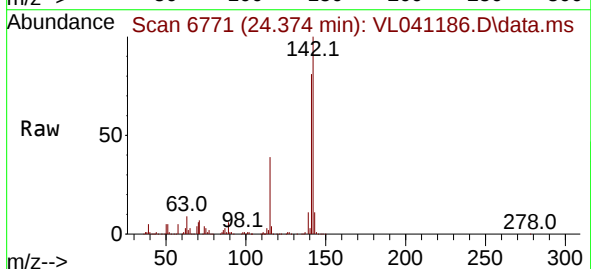
Tgt Ion:128 Resp: 265904
Ion Ratio Lower Upper
128 100
127 13.3 10.8 16.2
129 10.5 8.9 13.3

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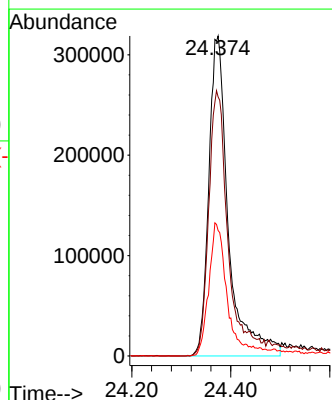
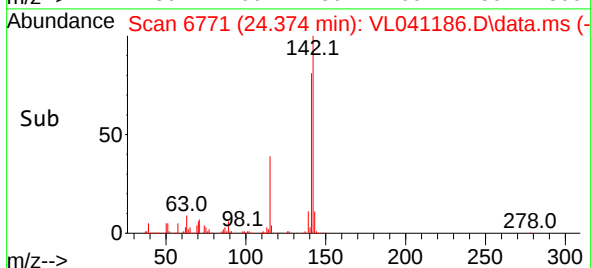
Reviewed By :Semsettin Yesilyurt 04/30/2024
Supervised By :Mahesh Dadoda 04/30/2024

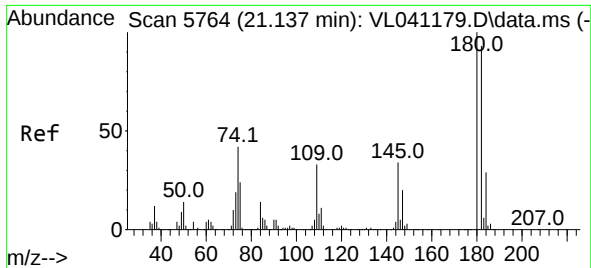


#80
Naphthalene,2-methyl-
Concen: 8.451 ppbv
RT: 24.374 min Scan# 6771
Delta R.T. 0.000 min
Lab File: VL041186.D
Acq: 29 Apr 2024 16:07



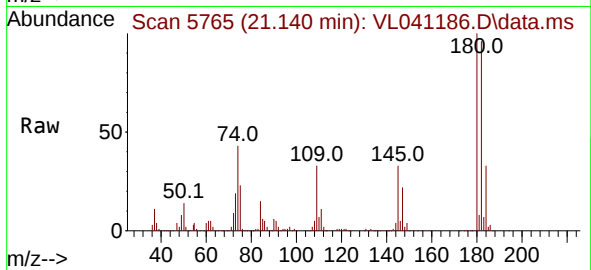
Tgt Ion:142 Resp: 878304
Ion Ratio Lower Upper
142 100
141 81.7 67.9 101.9
115 40.7 31.4 47.0





#81
 1,2,4-Trichlorobenzene
 Concen: 9.847 ppbv
 RT: 21.140 min Scan# 51
 Delta R.T. 0.003 min
 Lab File: VL041186.D
 Acq: 29 Apr 2024 16:07

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL042924



Tgt Ion:180 Resp: 1343300
 Ion Ratio Lower Upper
 180 100
 182 96.9 77.2 115.8
 184 31.0 24.6 36.8

Manual Integrations
 APPROVED

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

