

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037829.D
 Acq On : 11 Oct 2024 14:27
 Operator : SY/MD
 Sample : P4346-08MEMS
 Misc : 3.39G/5.0mL/100uL/5mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOAW9MEMS

Quant Time: Oct 14 06:18:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 06:04:26 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	726867	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	711945	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	402525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	192174	30.118	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	60.240%		
7) Chloroethane-d5	1.503	69	74563	15.055	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	30.100%#		
11) 1,1-Dichloroethene-d2	2.040	65	89240	33.476	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	66.960%		
21) 2-Butanone-d5	3.805	46	196326m	86.385	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	86.380%		
24) Chloroform-d	4.239	84	434442	38.270	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.540%		
26) 1,2-Dichloroethane-d4	4.934	65	255411	38.438	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.880%		
32) Benzene-d6	4.947	84	833554	37.416	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	74.840%		
36) 1,2-Dichloropropane-d6	5.982	67	300274	42.328	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	84.660%		
41) Toluene-d8	7.233	98	775083	38.368	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.740%#		
43) trans-1,3-Dichloroprop...	7.548	79	126622	38.423	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.840%		
47) 2-Hexanone-d5	8.030	63	141965	94.772	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	94.770%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	339294	41.163	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.320%		
66) 1,2-Dichlorobenzene-d4	11.554	152	326435	38.486	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	76.980%#		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	239727	38.741	ug/L	99
3) Chloromethane	1.217	50	248291	41.331	ug/L	99
5) Vinyl chloride	1.281	62	248624	38.604	ug/L	99
6) Bromomethane	1.465	94	76028	21.272	ug/L	97
8) Chloroethane	1.516	64	65973	16.620	ug/L	98
9) Trichlorofluoromethane	1.683	101	361527	41.702	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.050	101	219230	42.319	ug/L	99
12) 1,1-Dichloroethene	2.053	96	193242	39.933	ug/L	82
13) Acetone	2.121	43	162218m	72.811	ug/L	
14) Carbon disulfide	2.224	76	523376	34.649	ug/L	100
15) Methyl Acetate	2.375	43	164254	42.246	ug/L	98
16) Methylene chloride	2.436	84	221661	40.455	ug/L	98
17) trans-1,2-Dichloroethene	2.677	96	201691	39.398	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	657288	44.752	ug/L	100
19) 1,1-Dichloroethane	3.095	63	404985	41.289	ug/L	99
20) cis-1,2-Dichloroethene	3.799	96	235439	41.097	ug/L	97
22) 2-Butanone	3.889	43	218111m	88.449	ug/L	
23) Bromochloromethane	4.133	128	125237	42.261	ug/L	99
25) Chloroform	4.265	83	435454	42.880	ug/L	100

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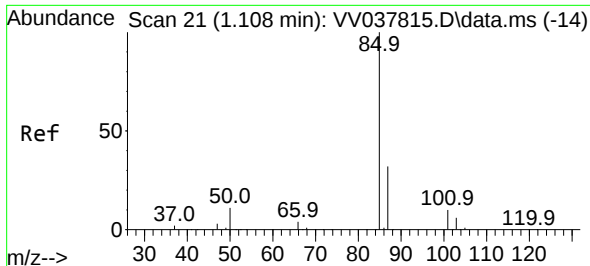
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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 06:04:26 2024
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	312870	43.641	ug/L	100
29) Cyclohexane	4.561	56	322546	39.902	ug/L	99
30) 1,1,1-Trichloroethane	4.497	97	366691	41.819	ug/L	99
31) Carbon tetrachloride	4.719	117	312415	40.981	ug/L	99
33) Benzene	4.998	78	907179	42.250	ug/L	100
34) Trichloroethene	5.821	95	240333	42.030	ug/L	99
35) Methylcyclohexane	6.037	83	365190	41.515	ug/L	99
37) 1,2-Dichloropropane	6.085	63	232212	41.881	ug/L	98
38) Bromodichloromethane	6.426	83	316816	42.744	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	378317	42.745	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	443504	98.242	ug/L	99
42) Toluene	7.307	91	962185	43.226	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	347066	43.556	ug/L	97
45) 1,1,2-Trichloroethane	7.763	97	236668	44.454	ug/L	99
46) Tetrachloroethene	7.899	164	179010	40.946	ug/L	97
48) 2-Hexanone	8.079	43	309931	88.291	ug/L	99
49) Dibromochloromethane	8.172	129	245491	43.568	ug/L	100
50) 1,2-Dibromoethane	8.278	107	236737	43.017	ug/L	99
51) Chlorobenzene	8.808	112	649252	42.812	ug/L	99
52) Ethylbenzene	8.940	91	1066028	42.545	ug/L	100
53) m,p-Xylene	9.066	106	407001	43.646	ug/L	99
54) o-Xylene	9.471	106	395547	43.447	ug/L	97
55) Styrene	9.490	104	728750	45.982	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	339607	45.753	ug/L	99
59) Bromoform	9.661	173	167261	42.515	ug/L	99
60) Isopropylbenzene	9.860	105	1084862	41.455	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	253403	44.241	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	875790	42.329	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	882063	42.848	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	536415	42.585	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	553539	42.202	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	536289	43.068	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	60217	43.310	ug/L	96
69) 1,3,5-Trichlorobenzene	12.574	180	371103	42.841	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	346395	43.101	ug/L	100
71) Naphthalene	13.432	128	905086	43.104	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	337391	42.511	ug/L	99

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



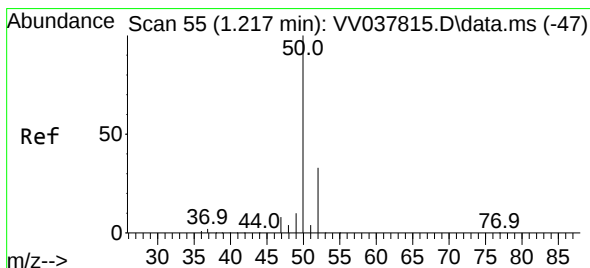
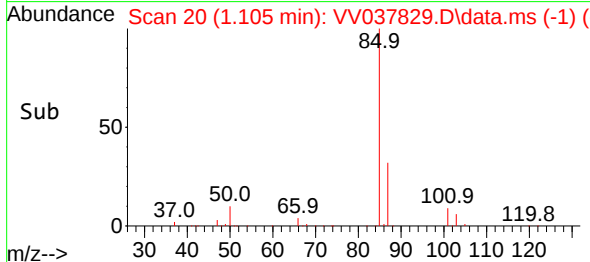
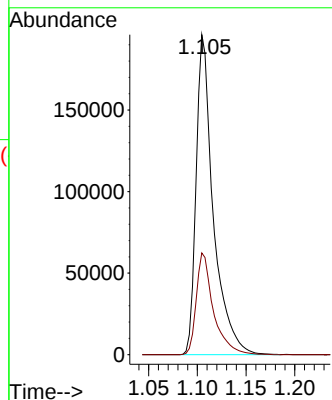
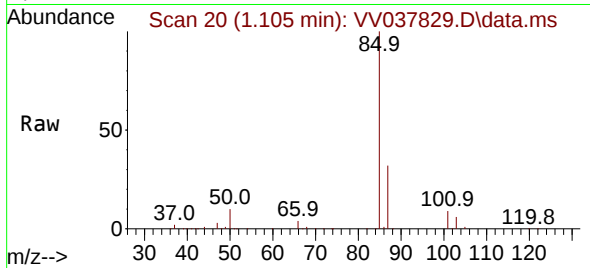
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Dichlorodifluoromethane
Concen: 38.741 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS

Tgt Ion: 85 Resp: 23972
Ion Ratio Lower Upper
85 100
87 31.9 25.8 38.8

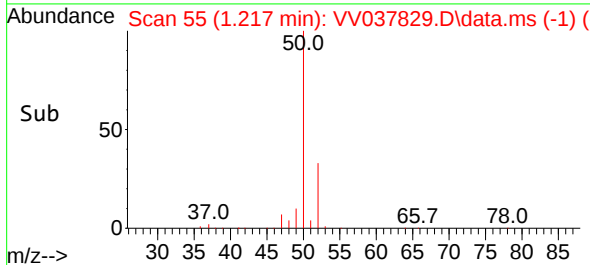
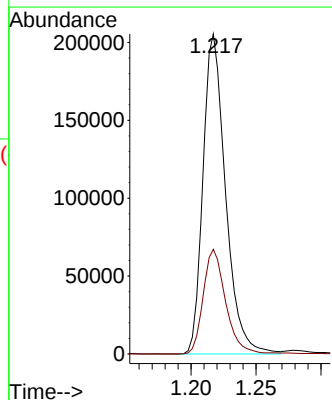
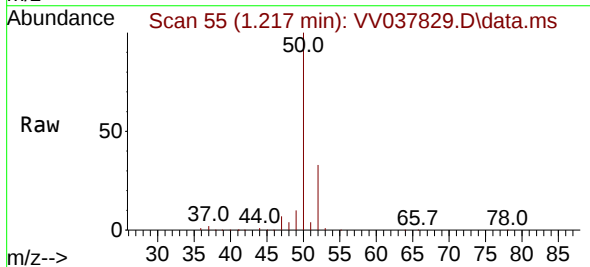
Manual Integrations
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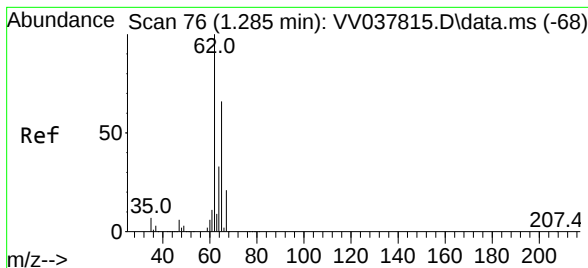
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#3
Chloromethane
Concen: 41.331 ug/L
RT: 1.217 min Scan# 55
Delta R.T. -0.000 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

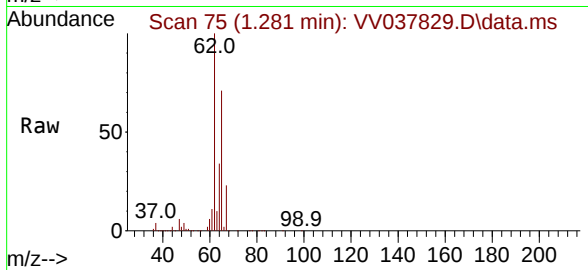
Tgt Ion: 50 Resp: 248291
Ion Ratio Lower Upper
50 100
52 32.7 23.2 43.2





#5
 Vinyl chloride
 Concen: 38.604 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VV037829.D
 Acq: 11 Oct 2024 14:27

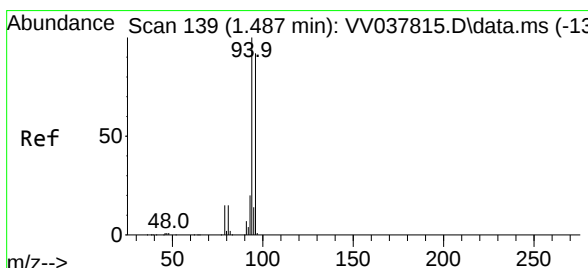
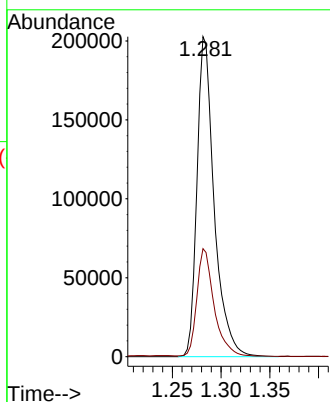
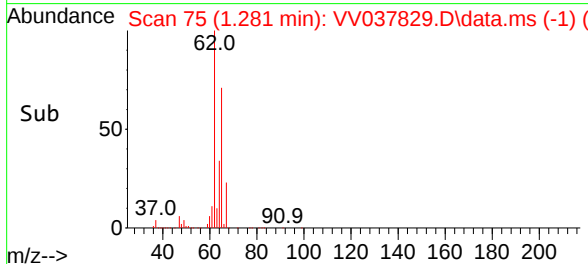
Instrument :
 MSVOA_V
 ClientSampleId :
 EOAW9MEMS



Tgt Ion: 62 Resp: 248624
 Ion Ratio Lower Upper
 62 100
 64 33.8 23.2 43.0

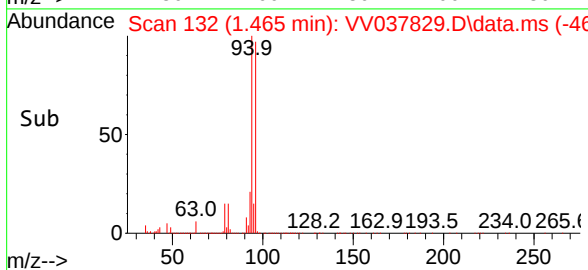
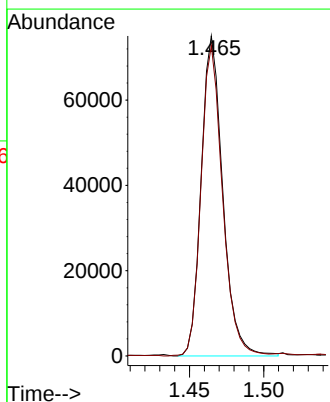
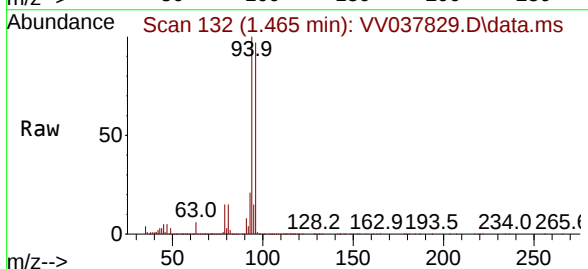
Manual Integrations
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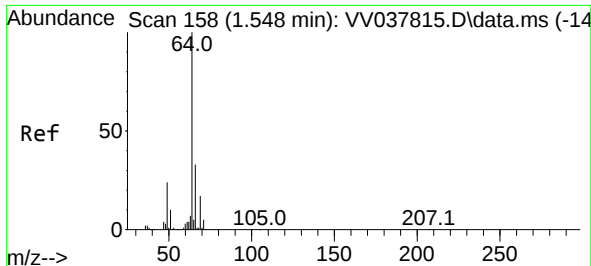
Reviewed By :Semsettin Yesilyurt 10/14/2024
 Supervised By :Mahesh Dadoda 10/14/2024



#6
 Bromomethane
 Concen: 21.272 ug/L
 RT: 1.465 min Scan# 132
 Delta R.T. -0.023 min
 Lab File: VV037829.D
 Acq: 11 Oct 2024 14:27

Tgt Ion: 94 Resp: 76028
 Ion Ratio Lower Upper
 94 100
 96 97.0 65.8 122.2





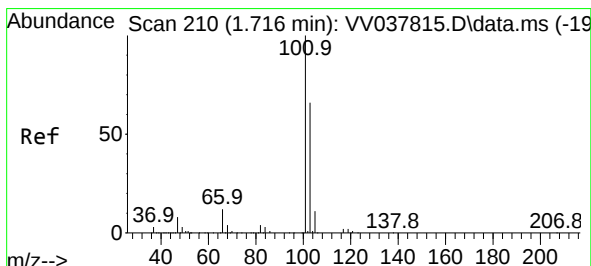
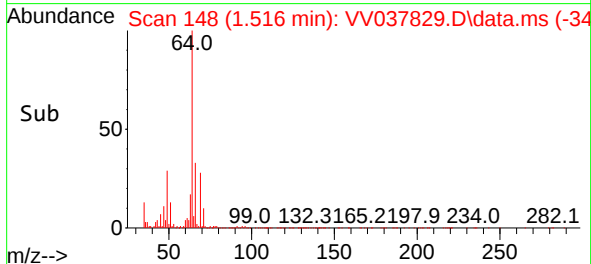
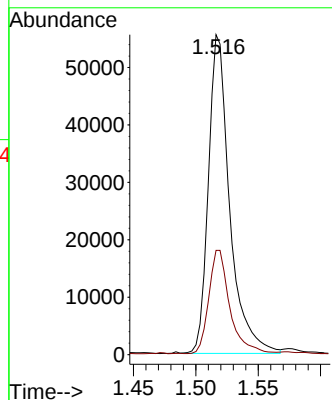
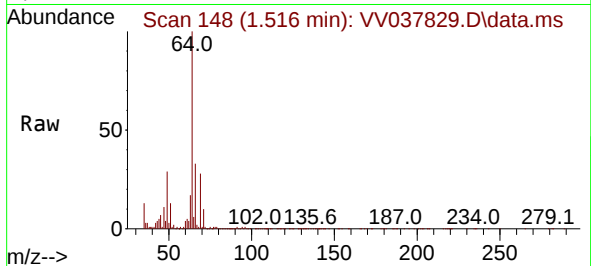
#8
Chloroethane
Concen: 16.620 ug/L
RT: 1.516 min Scan# 14
Delta R.T. -0.032 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS

Tgt Ion: 64 Resp: 6597
Ion Ratio Lower Upper
64 100
66 32.6 22.2 41.2

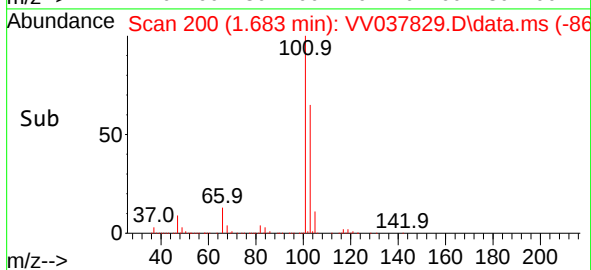
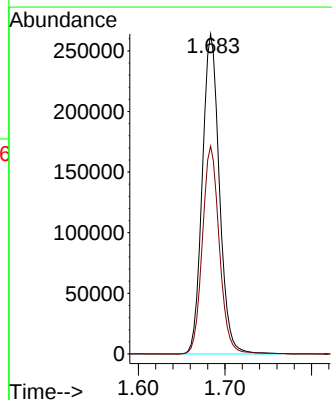
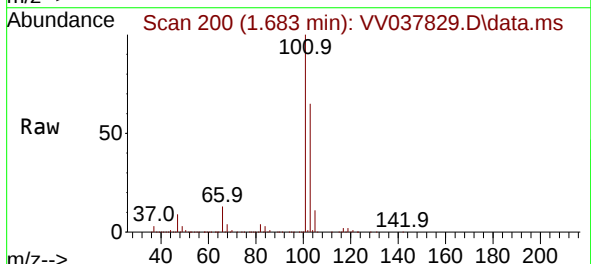
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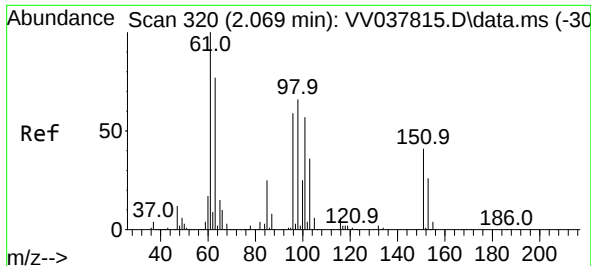
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#9
Trichlorofluoromethane
Concen: 41.702 ug/L
RT: 1.683 min Scan# 200
Delta R.T. -0.032 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Tgt Ion:101 Resp: 361527
Ion Ratio Lower Upper
101 100
103 64.4 52.2 78.4





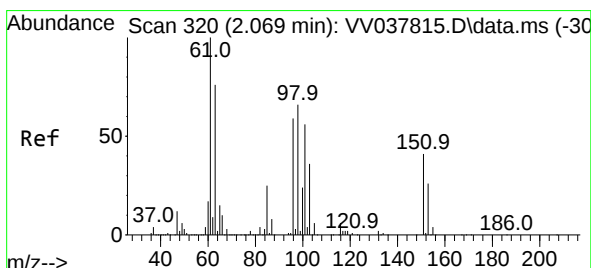
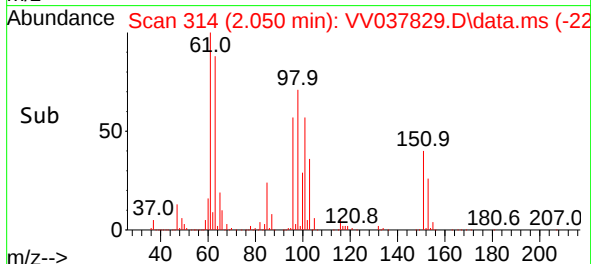
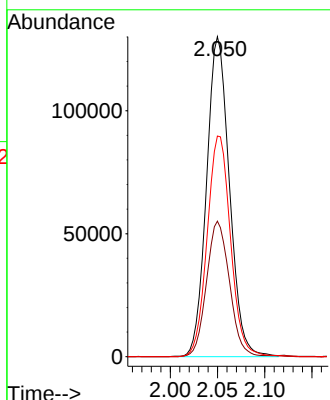
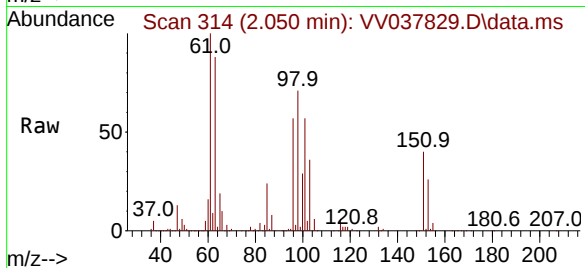
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 42.319 ug/L
RT: 2.050 min Scan# 314
Delta R.T. -0.019 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS

Tgt Ion:101 Resp: 219230
Ion Ratio Lower Upper
101 100
85 42.4 34.6 52.0
151 70.6 57.5 86.3

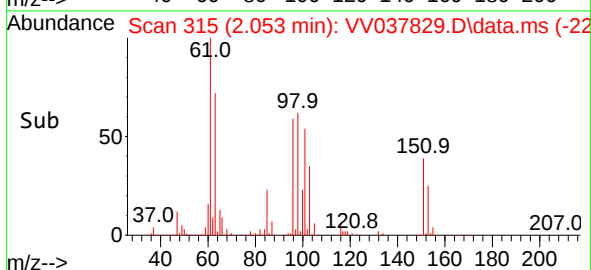
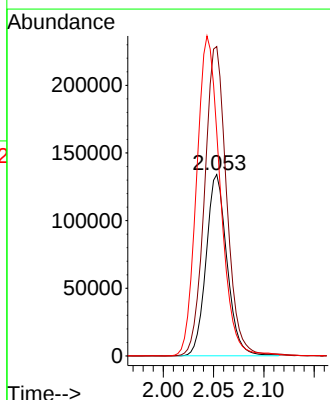
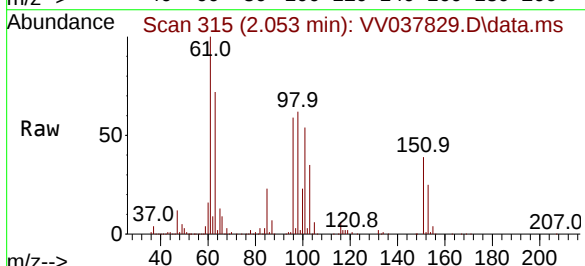
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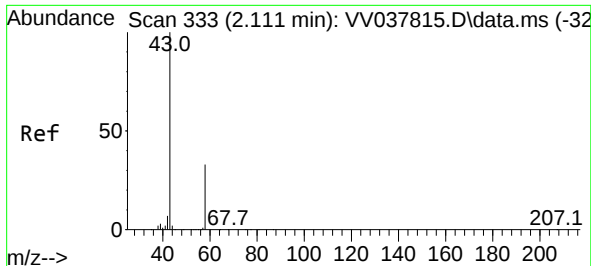
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#12
1,1-Dichloroethene
Concen: 39.933 ug/L
RT: 2.053 min Scan# 315
Delta R.T. -0.016 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Tgt Ion: 96 Resp: 193242
Ion Ratio Lower Upper
96 100
61 170.5 122.6 227.6
63 123.1 118.0 219.2





#13

Acetone

Concen: 72.811 ug/L m

RT: 2.121 min Scan# 3

Delta R.T. 0.009 min

Lab File: VV037829.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

EOAW9MEMS

Tgt Ion: 43 Resp: 162218

Ion Ratio Lower Upper

43 100

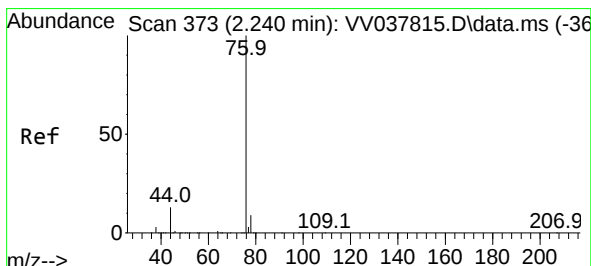
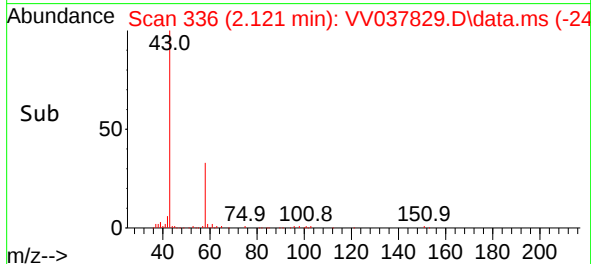
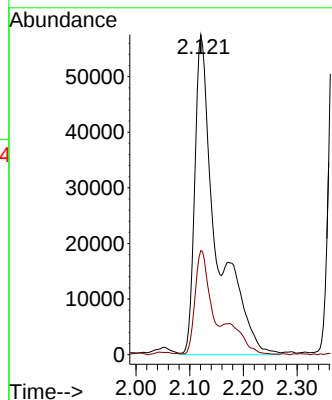
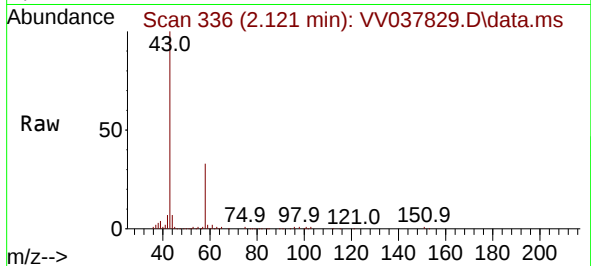
58 22.6 0.0 66.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#14

Carbon disulfide

Concen: 34.649 ug/L

RT: 2.224 min Scan# 368

Delta R.T. -0.016 min

Lab File: VV037829.D

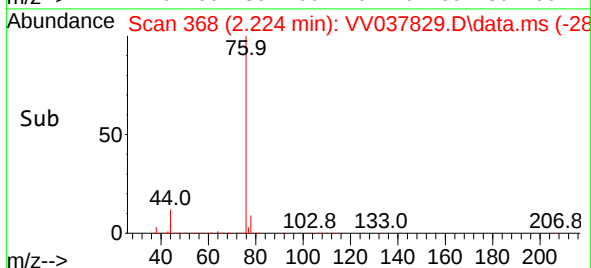
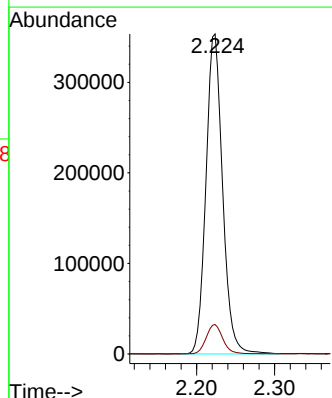
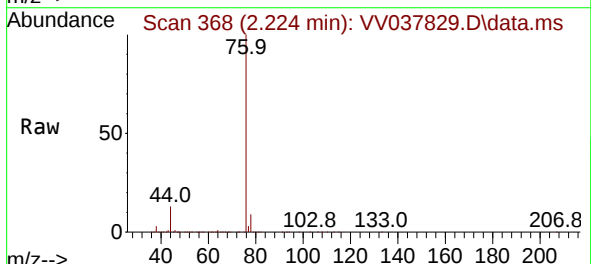
Acq: 11 Oct 2024 14:27

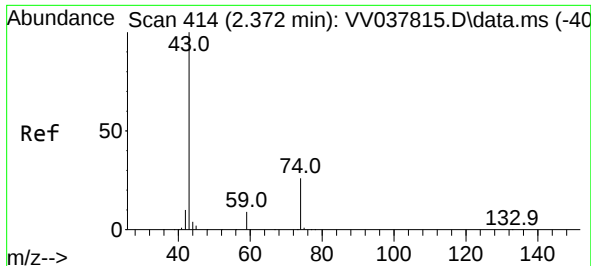
Tgt Ion: 76 Resp: 523376

Ion Ratio Lower Upper

76 100

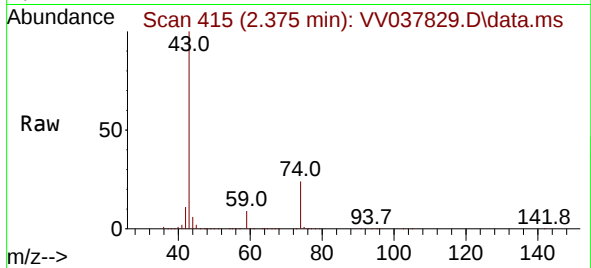
78 9.2 7.4 11.0





#15
Methyl Acetate
Concen: 42.246 ug/L
RT: 2.375 min Scan# 414
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

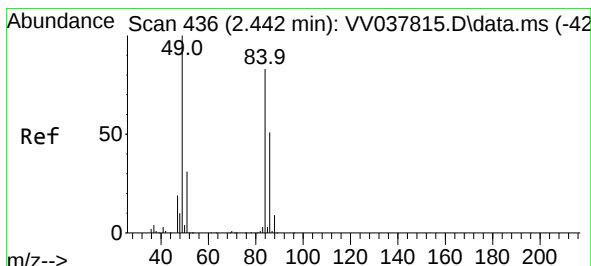
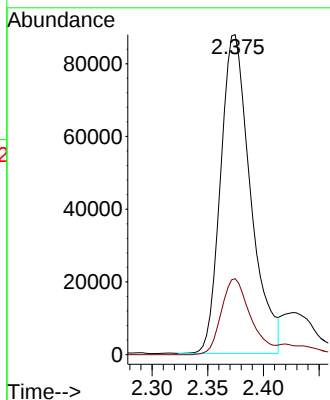
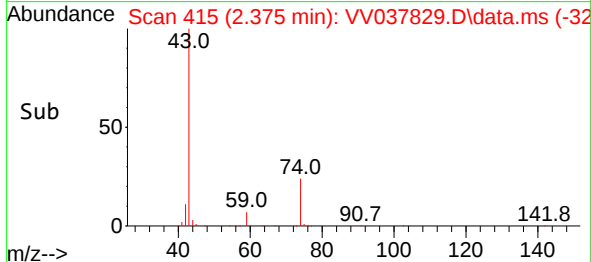
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



Tgt Ion: 43 Resp: 164254
Ion Ratio Lower Upper
43 100
74 23.2 19.4 29.0

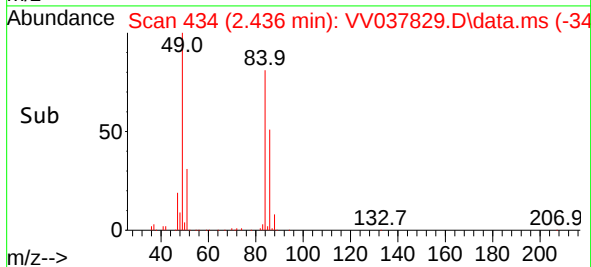
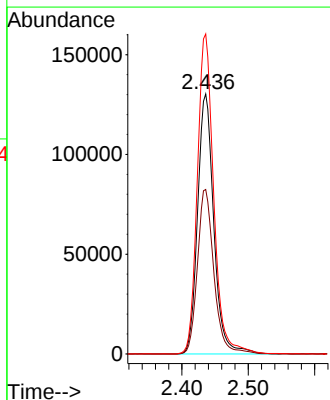
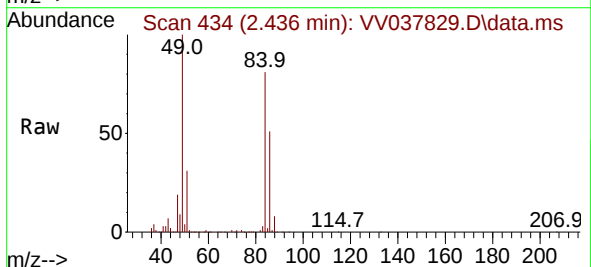
Manual Integrations
APPROVED

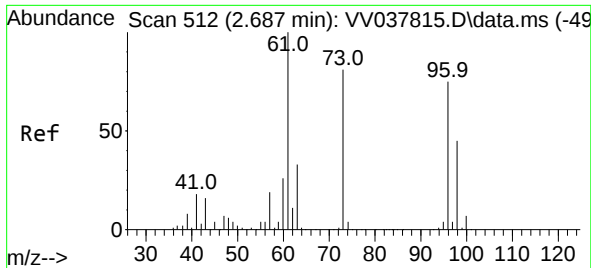
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#16
Methylene chloride
Concen: 40.455 ug/L
RT: 2.436 min Scan# 434
Delta R.T. -0.007 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

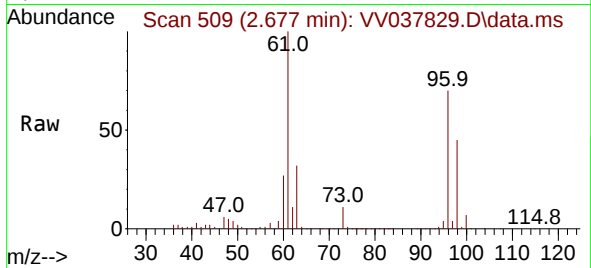
Tgt Ion: 84 Resp: 221661
Ion Ratio Lower Upper
84 100
86 63.3 46.4 86.2
49 123.1 85.9 159.5





#17
trans-1,2-Dichloroethene
Concen: 39.398 ug/L
RT: 2.677 min Scan# 509
Delta R.T. -0.010 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

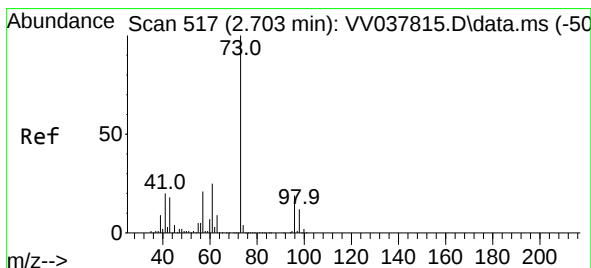
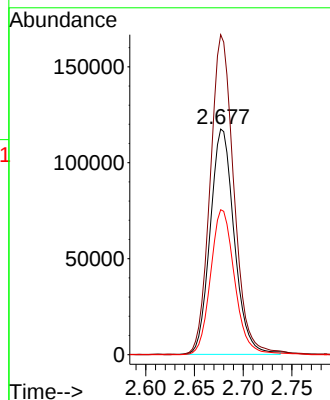
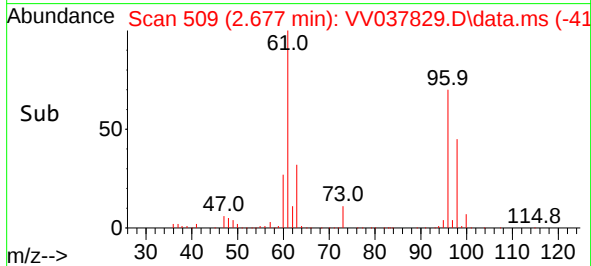
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



Tgt Ion: 96 Resp: 20169
Ion Ratio Lower Upper
96 100
61 141.8 97.3 180.7
98 64.3 43.9 81.5

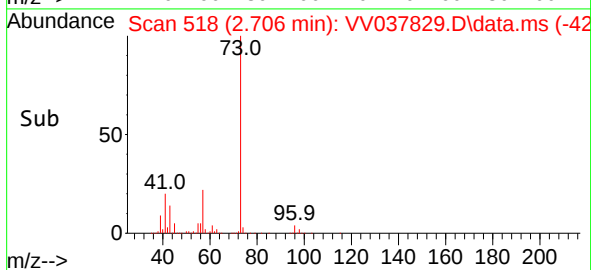
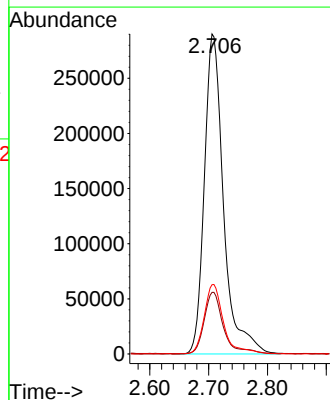
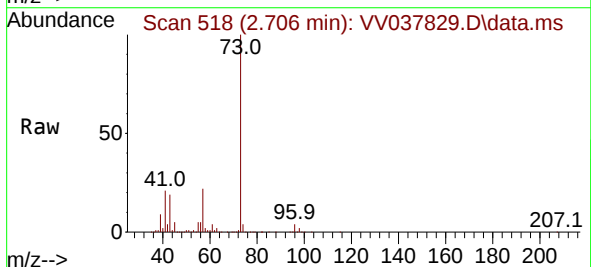
Manual Integrations
APPROVED

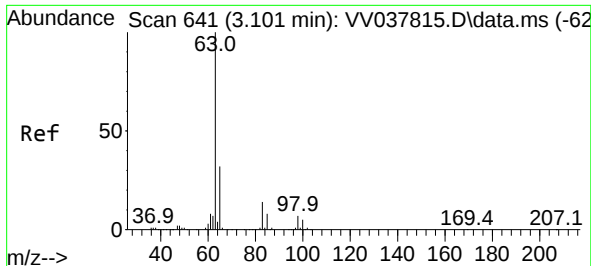
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#18
Methyl tert-butyl Ether
Concen: 44.752 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

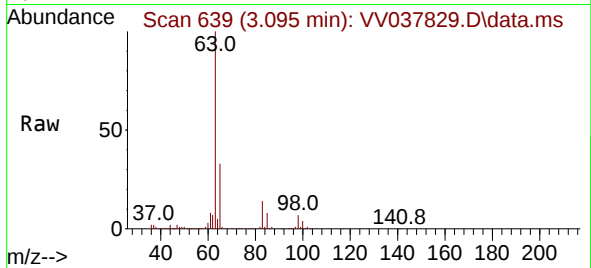
Tgt Ion: 73 Resp: 657288
Ion Ratio Lower Upper
73 100
43 19.1 15.1 22.7
57 21.9 17.4 26.2





#19
1,1-Dichloroethane
Concen: 41.289 ug/L
RT: 3.095 min Scan# 61
Delta R.T. -0.007 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

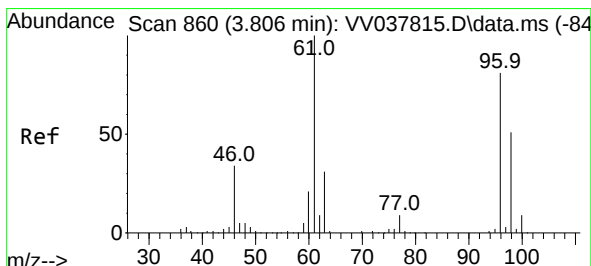
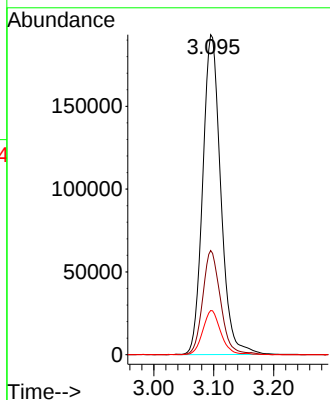
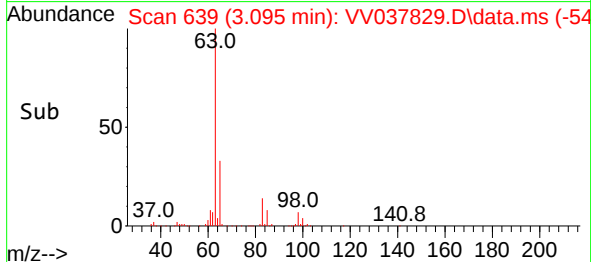
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



Tgt Ion: 63 Resp: 40498
Ion Ratio Lower Upper
63 100
65 32.6 22.4 41.6
83 13.8 9.5 17.7

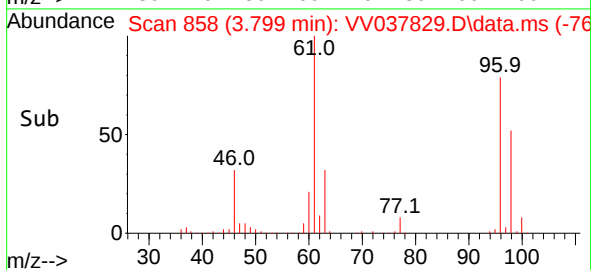
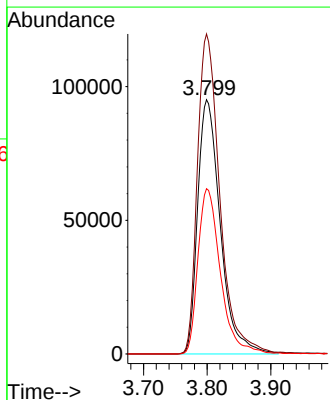
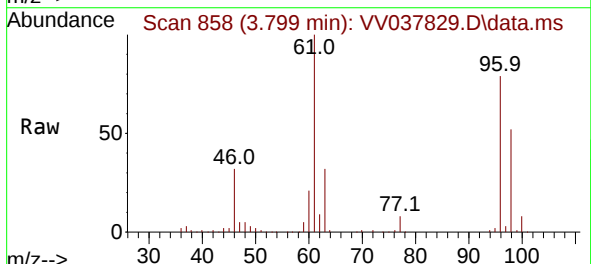
Manual Integrations
APPROVED

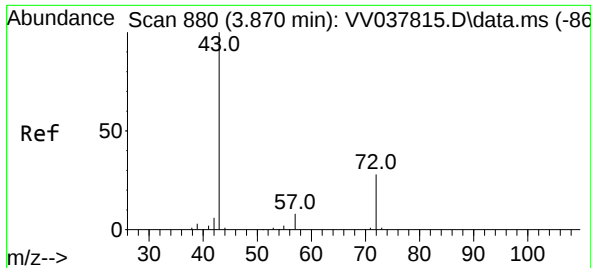
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#20
cis-1,2-Dichloroethene
Concen: 41.097 ug/L
RT: 3.799 min Scan# 858
Delta R.T. -0.007 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

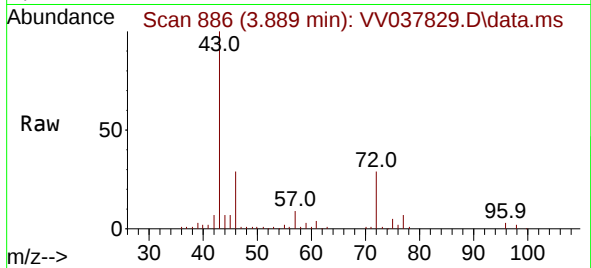
Tgt Ion: 96 Resp: 235439
Ion Ratio Lower Upper
96 100
61 125.8 85.0 157.8
98 65.0 44.2 82.0





#22
2-Butanone
Concen: 88.449 ug/L m
RT: 3.889 min Scan# 880
Delta R.T. 0.019 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

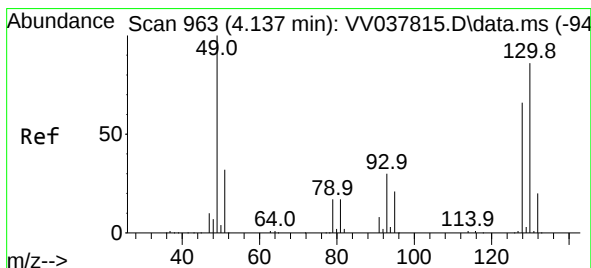
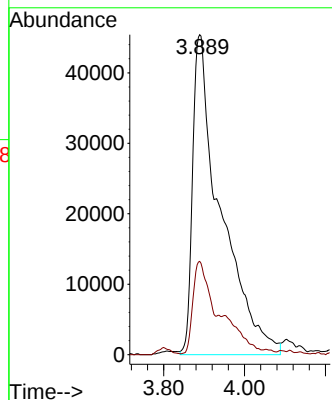
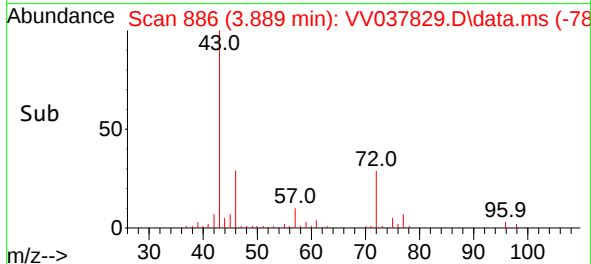
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



Tgt Ion: 43 Resp: 21811
Ion Ratio Lower Upper
43 100
72 16.9 14.3 42.9

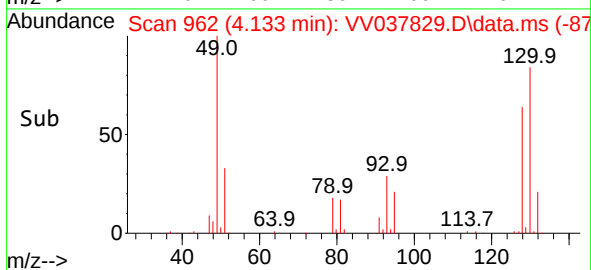
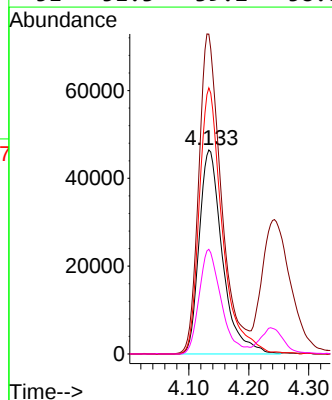
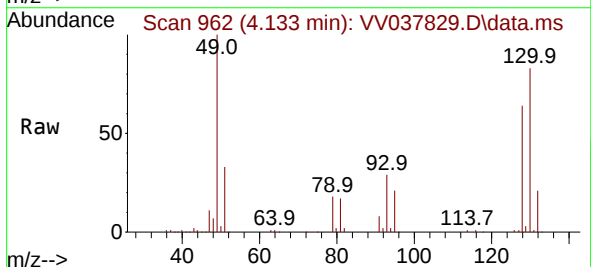
Manual Integrations
APPROVED

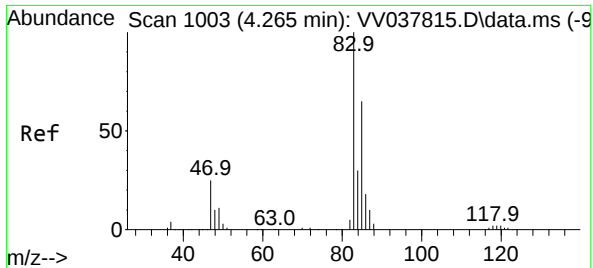
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#23
Bromochloromethane
Concen: 42.261 ug/L
RT: 4.133 min Scan# 962
Delta R.T. -0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Tgt Ion:128 Resp: 125237
Ion Ratio Lower Upper
128 100
49 156.8 108.7 201.9
130 130.4 90.4 168.0
51 51.3 39.2 58.8





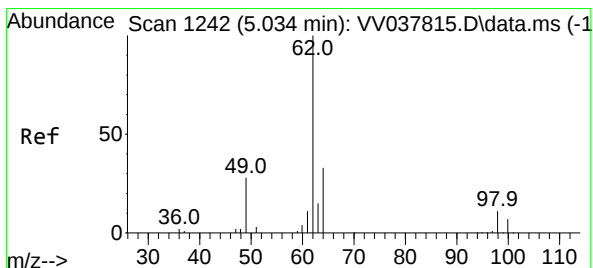
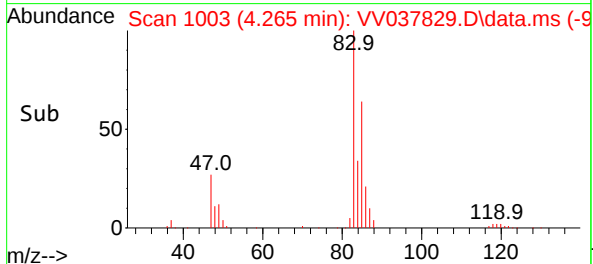
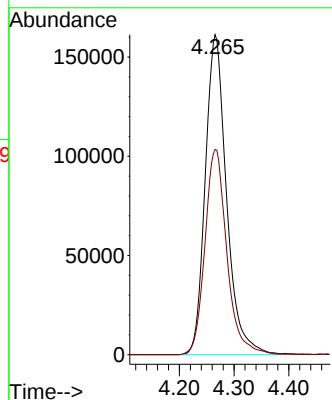
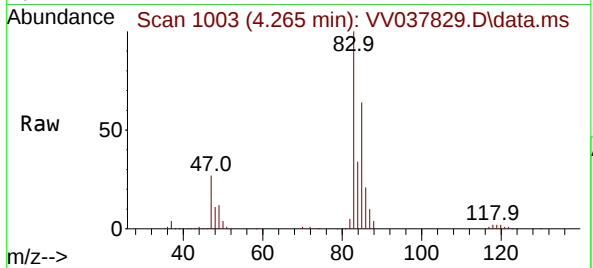
#25
Chloroform
Concen: 42.880 ug/L
RT: 4.265 min Scan# 1003
Delta R.T. -0.000 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS

Tgt Ion: 83 Resp: 435454
Ion Ratio Lower Upper
83 100
85 64.2 45.1 83.7

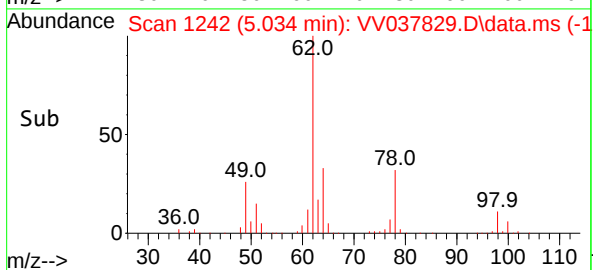
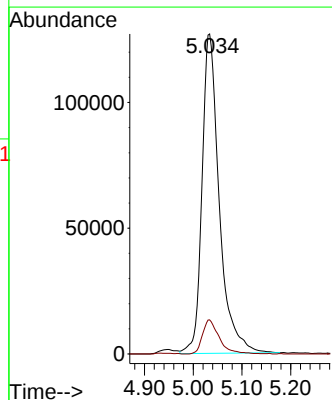
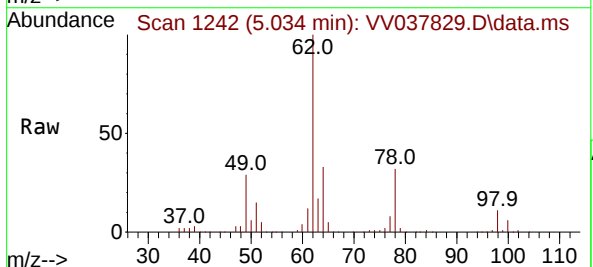
Manual Integrations
APPROVED

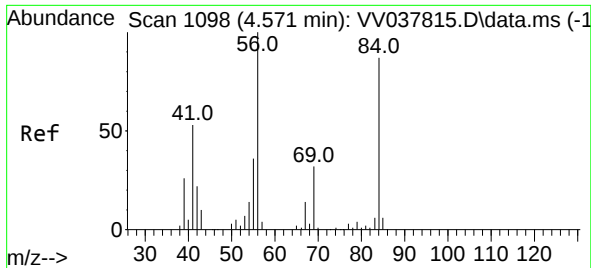
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#27
1,2-Dichloroethane
Concen: 43.641 ug/L
RT: 5.034 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

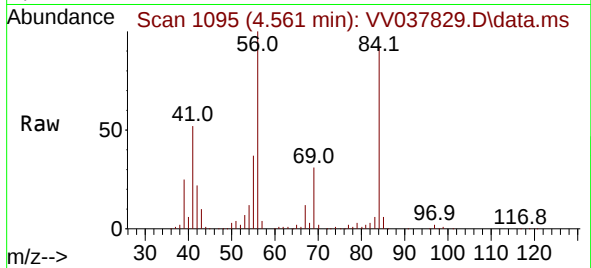
Tgt Ion: 62 Resp: 312870
Ion Ratio Lower Upper
62 100
98 10.6 8.4 12.6





#29
Cyclohexane
Concen: 39.902 ug/L
RT: 4.561 min Scan# 1095
Delta R.T. -0.010 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

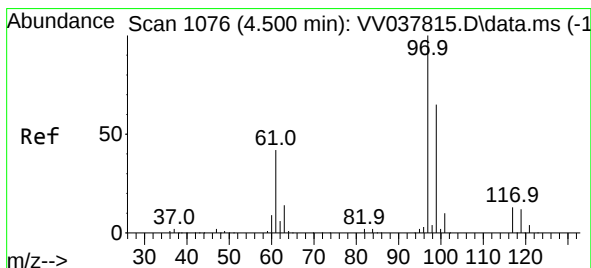
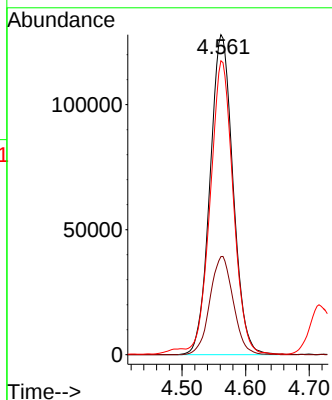
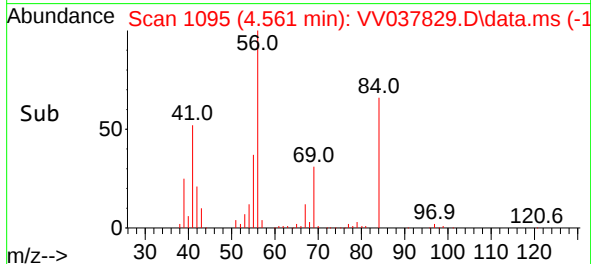
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



Tgt Ion: 56 Resp: 322540
Ion Ratio Lower Upper
56 100
69 31.0 24.7 37.1
84 90.9 73.4 110.0

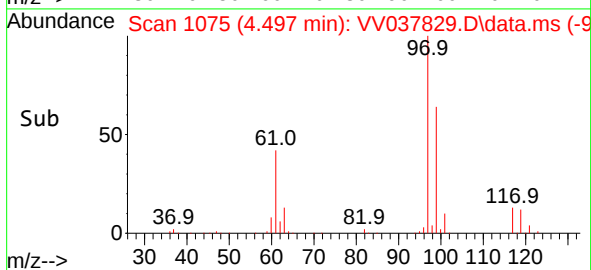
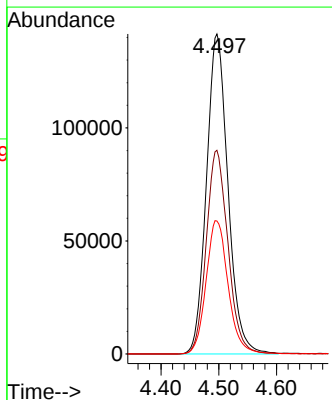
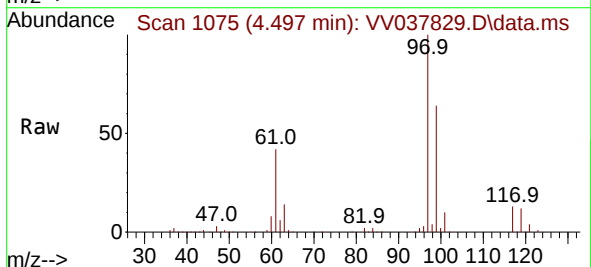
Manual Integrations
APPROVED

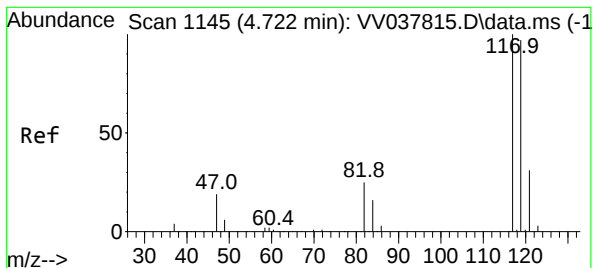
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#30
1,1,1-Trichloroethane
Concen: 41.819 ug/L
RT: 4.497 min Scan# 1075
Delta R.T. -0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

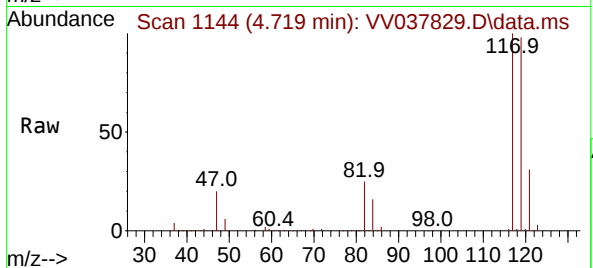
Tgt Ion: 97 Resp: 366691
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 42.7 33.6 50.4





#31
Carbon tetrachloride
Concen: 40.981 ug/L
RT: 4.719 min Scan# 1144
Delta R.T. -0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

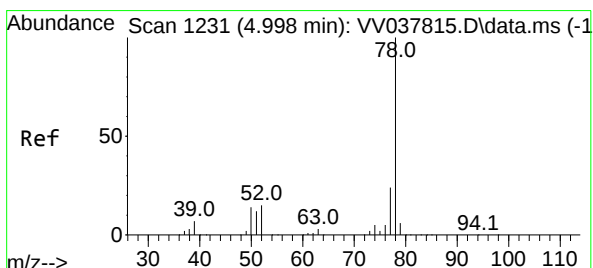
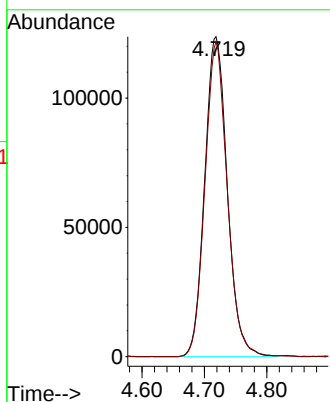
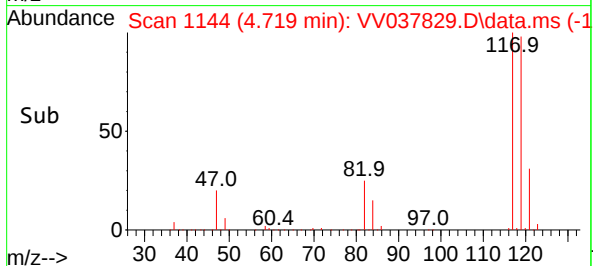
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



Tgt Ion:117 Resp: 312415
Ion Ratio Lower Upper
117 100
119 96.7 76.9 115.3

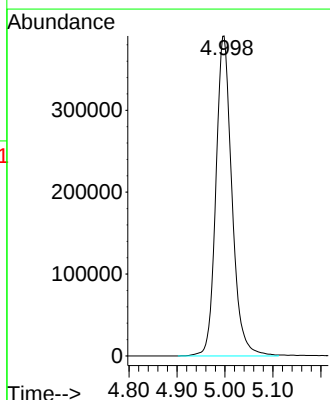
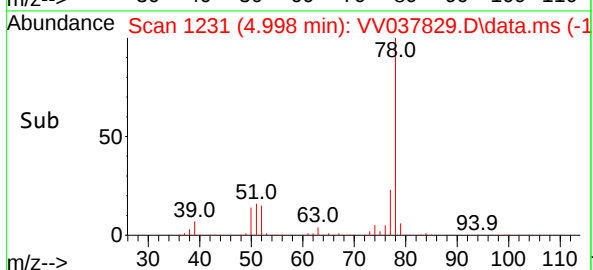
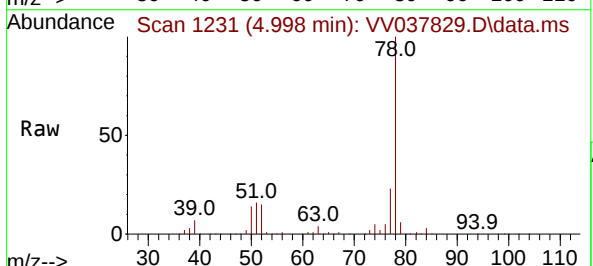
Manual Integrations
APPROVED

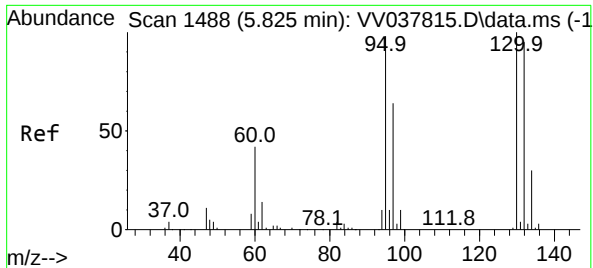
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#33
Benzene
Concen: 42.250 ug/L
RT: 4.998 min Scan# 1231
Delta R.T. -0.000 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

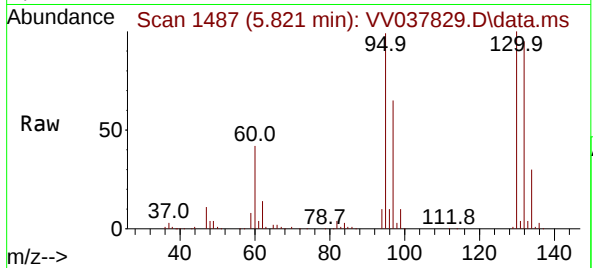
Tgt Ion: 78 Resp: 907179





#34
Trichloroethene
Concen: 42.030 ug/L
RT: 5.821 min Scan# 1487
Delta R.T. -0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

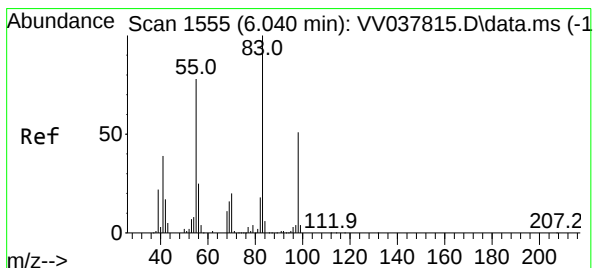
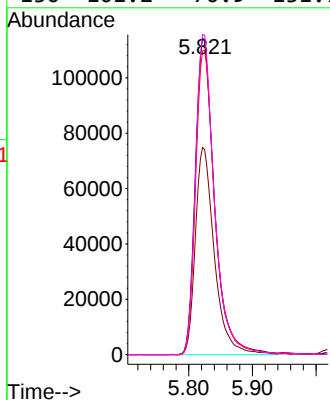
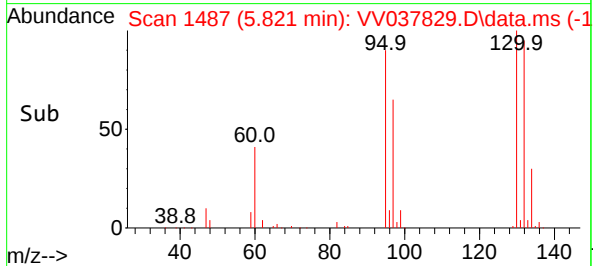
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



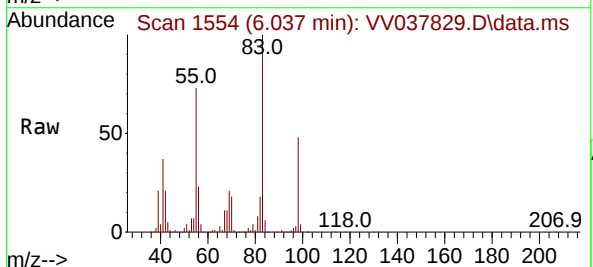
Tgt Ion: 95 Resp: 24033
Ion Ratio Lower Upper
95 100
97 65.6 46.3 85.9
132 96.0 68.6 127.4
130 101.2 70.9 131.7

Manual Integrations
APPROVED

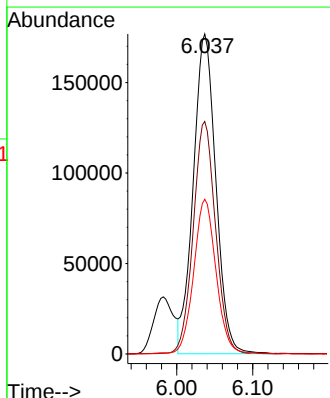
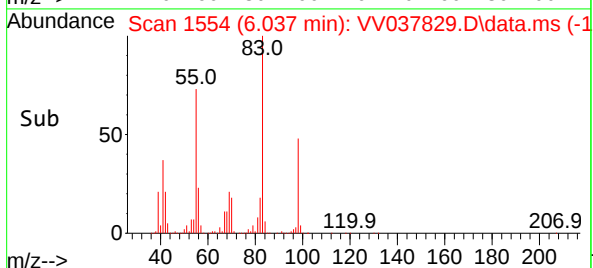
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

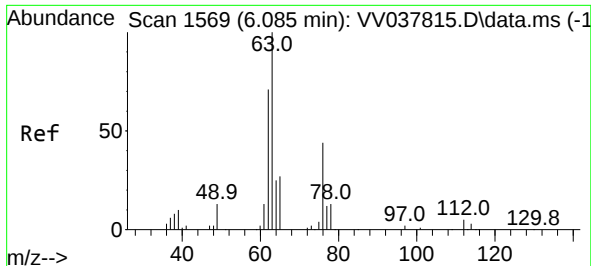


#35
Methylcyclohexane
Concen: 41.515 ug/L
RT: 6.037 min Scan# 1554
Delta R.T. -0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27



Tgt Ion: 83 Resp: 365190
Ion Ratio Lower Upper
83 100
55 72.1 57.9 86.9
98 47.9 39.3 58.9





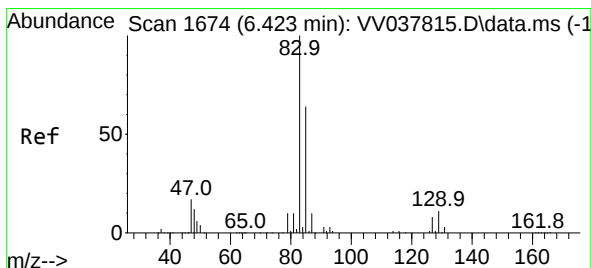
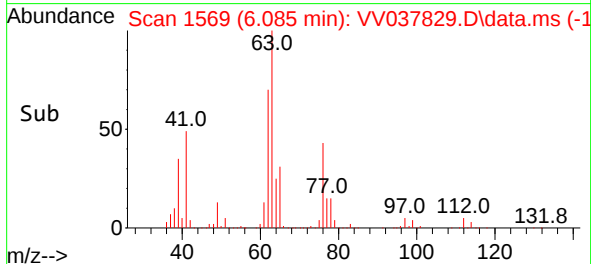
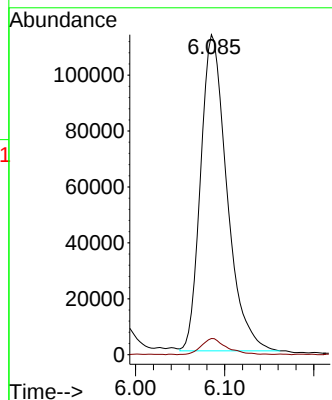
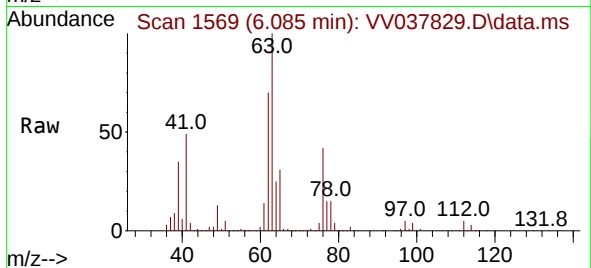
#37
1,2-Dichloropropane
Concen: 41.881 ug/L
RT: 6.085 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS

Tgt Ion: 63 Resp: 23221
Ion Ratio Lower Upper
63 100
112 4.9 3.5 5.3

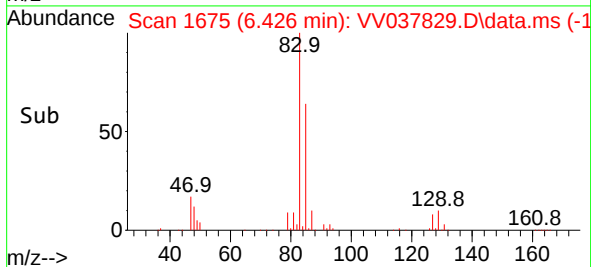
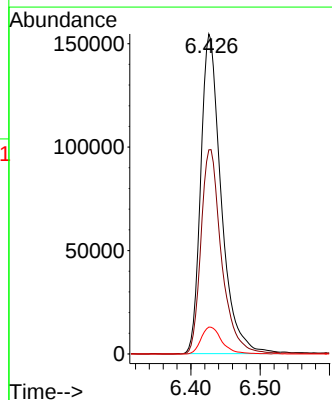
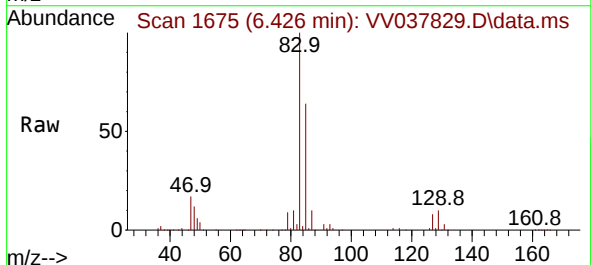
Manual Integrations
APPROVED

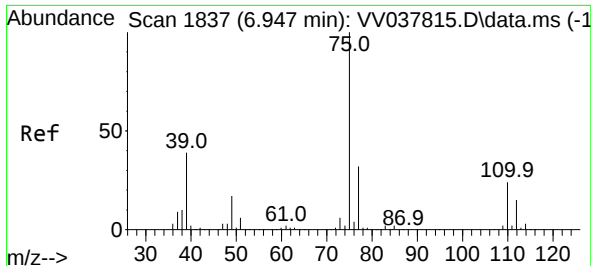
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#38
Bromodichloromethane
Concen: 42.744 ug/L
RT: 6.426 min Scan# 1675
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Tgt Ion: 83 Resp: 316816
Ion Ratio Lower Upper
83 100
85 63.8 45.7 84.9
127 8.4 7.0 10.4





#39

cis-1,3-Dichloropropene

Concen: 42.745 ug/L

RT: 6.947 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV037829.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

EOAW9MEMS

Tgt Ion: 75 Resp: 37831

Ion Ratio Lower Upper

75 100

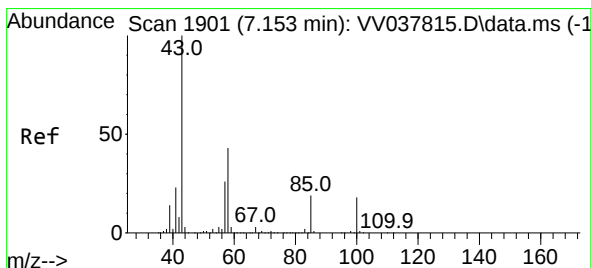
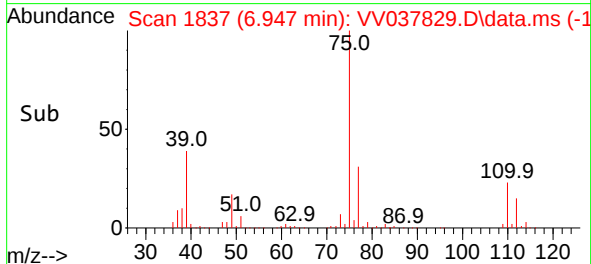
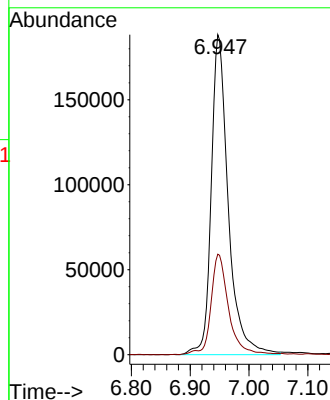
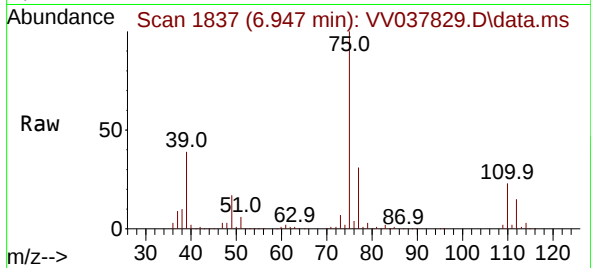
77 31.4 21.8 40.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#40

4-Methyl-2-pentanone

Concen: 98.242 ug/L

RT: 7.165 min Scan# 1905

Delta R.T. 0.013 min

Lab File: VV037829.D

Acq: 11 Oct 2024 14:27

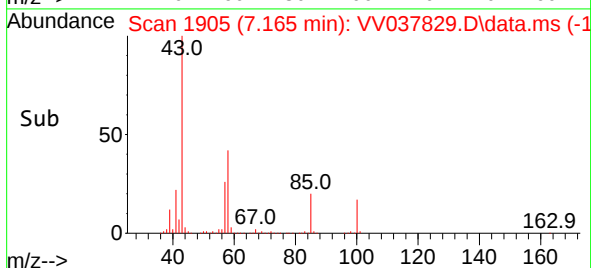
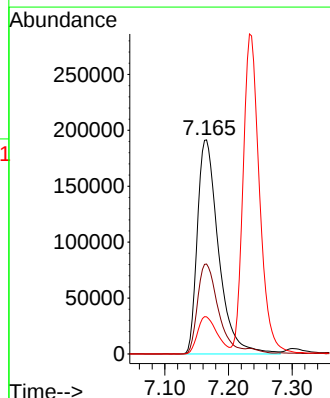
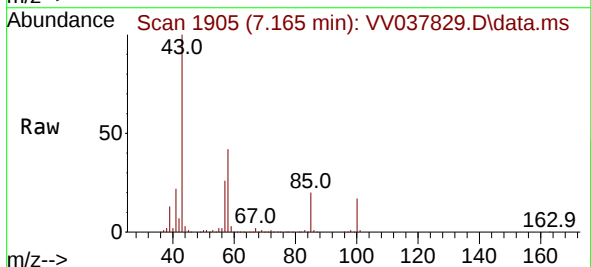
Tgt Ion: 43 Resp: 443504

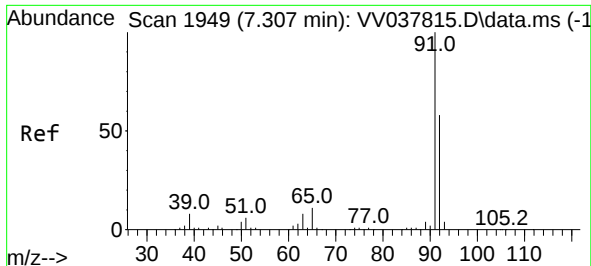
Ion Ratio Lower Upper

43 100

58 41.1 33.0 49.4

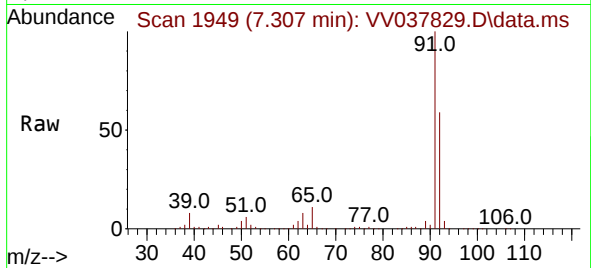
100 16.1 13.7 20.5





#42
Toluene
Concen: 43.226 ug/L
RT: 7.307 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

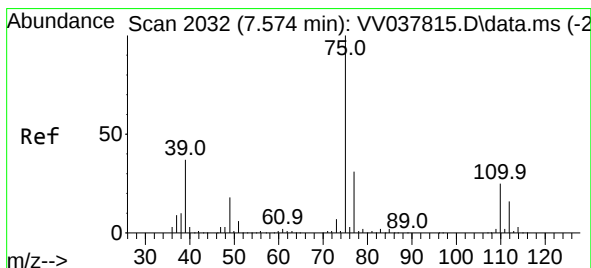
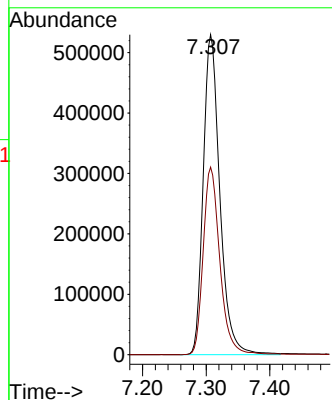
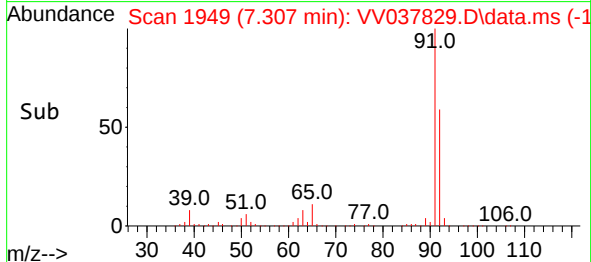
Instrument : MSVOA_V
ClientSampleId : VV037829.D
EOAW9MEMS



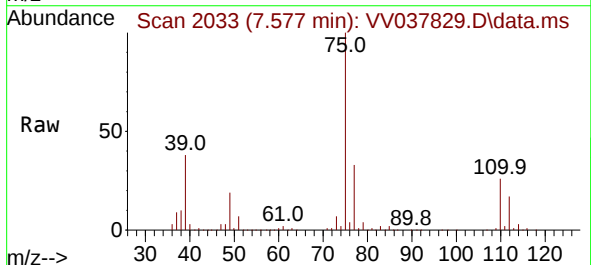
Tgt Ion: 91 Resp: 962185
Ion Ratio Lower Upper
91 100
92 58.6 41.1 76.3

Manual Integrations
APPROVED

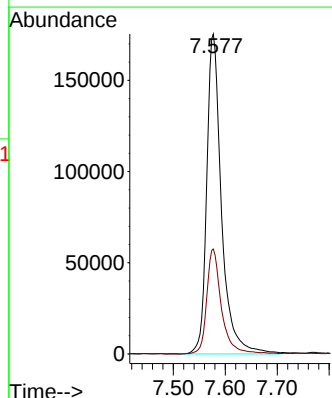
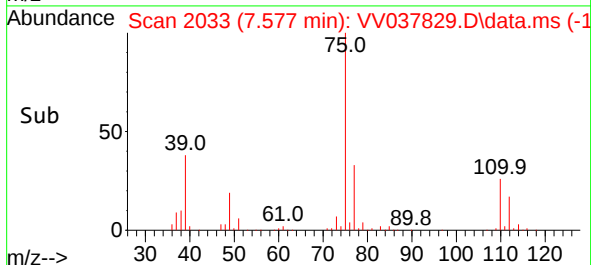
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

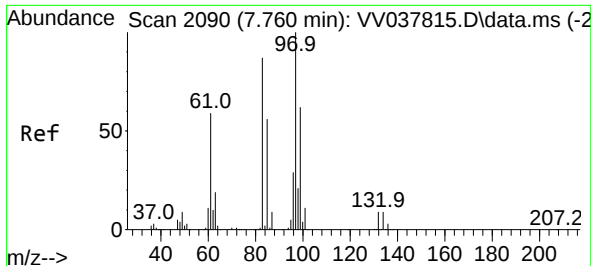


#44
trans-1,3-Dichloropropene
Concen: 43.556 ug/L
RT: 7.577 min Scan# 2033
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27



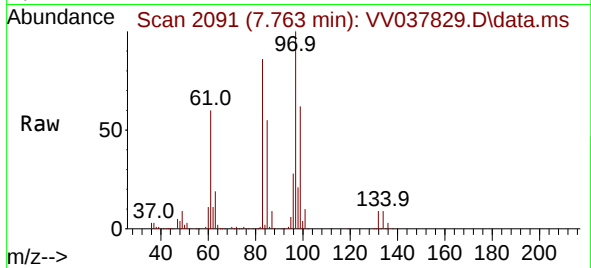
Tgt Ion: 75 Resp: 347066
Ion Ratio Lower Upper
75 100
77 32.8 21.9 40.7





#45
1,1,2-Trichloroethane
Concen: 44.454 ug/L
RT: 7.763 min Scan# 2090
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

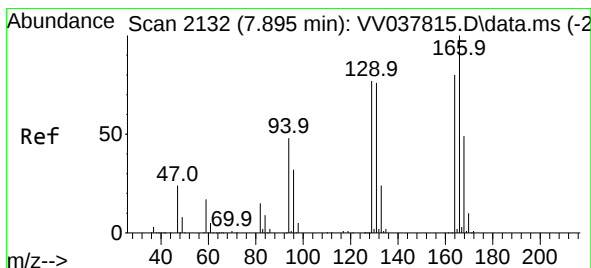
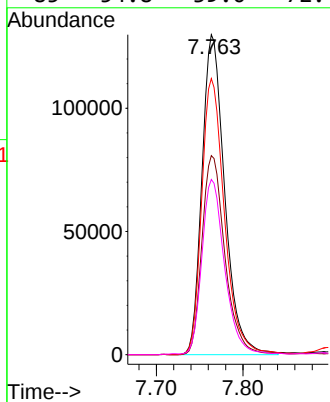
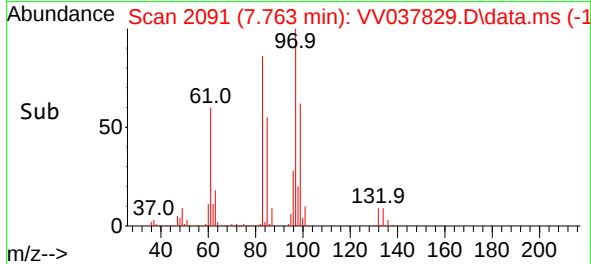
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



Tgt Ion: 97 Resp: 236668
Ion Ratio Lower Upper
97 100
99 62.2 44.1 81.9
83 86.3 59.3 110.1
85 54.8 39.0 72.4

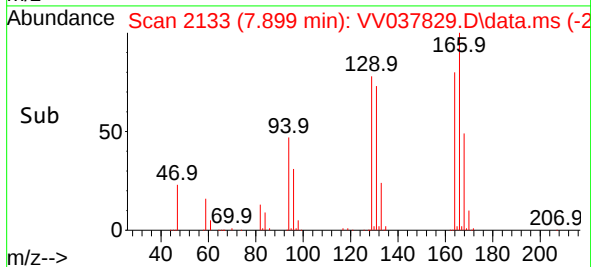
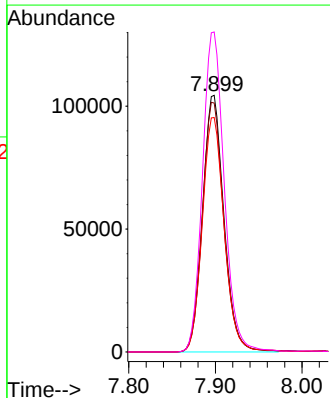
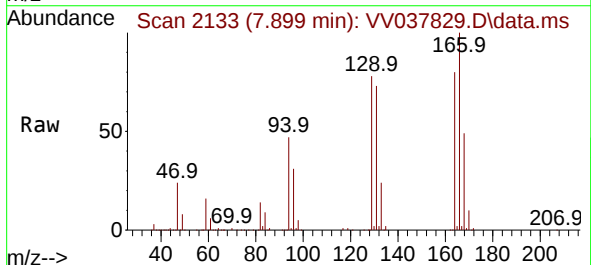
Manual Integrations
APPROVED

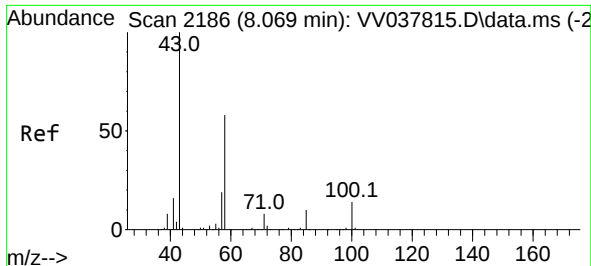
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#46
Tetrachloroethene
Concen: 40.946 ug/L
RT: 7.899 min Scan# 2133
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

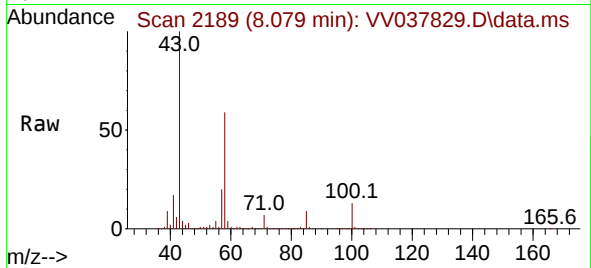
Tgt Ion:164 Resp: 179010
Ion Ratio Lower Upper
164 100
129 97.0 68.2 126.6
131 91.3 66.1 122.8
166 124.7 91.1 169.1





#48
2-Hexanone
Concen: 88.291 ug/L
RT: 8.079 min Scan# 2186
Delta R.T. 0.009 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

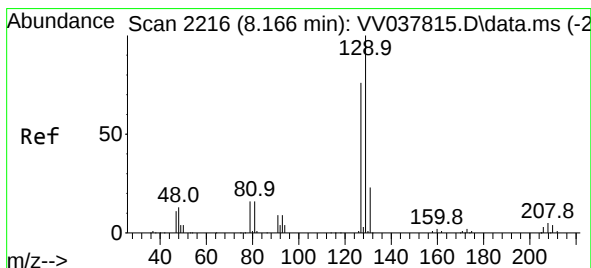
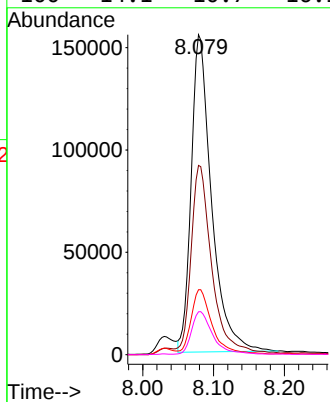
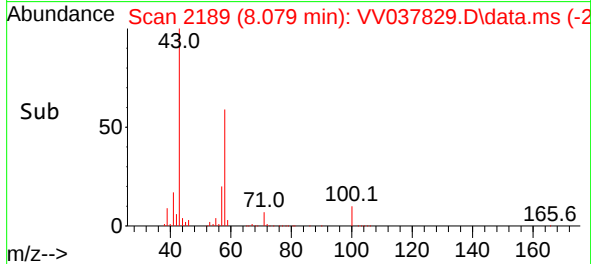
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



Tgt Ion: 43 Resp: 30993
Ion Ratio Lower Upper
43 100
58 58.4 46.5 69.7
57 20.9 15.1 22.7
100 14.1 10.7 16.1

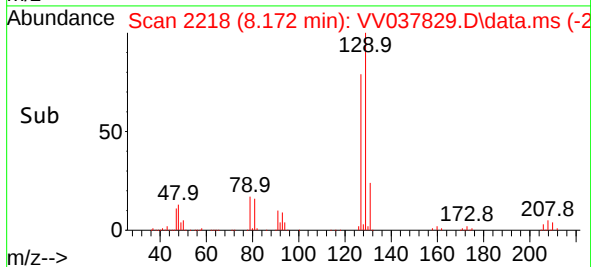
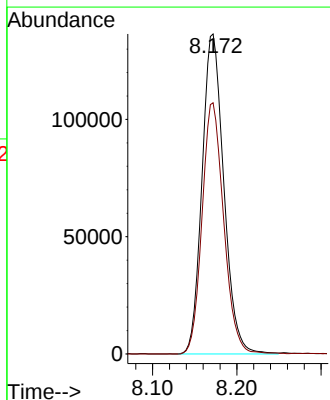
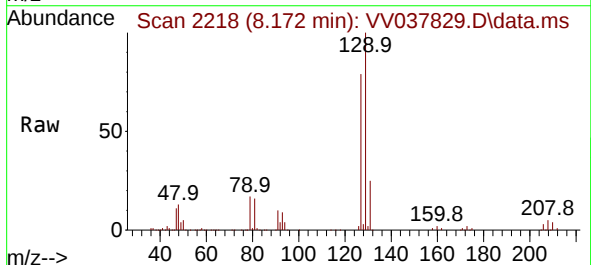
Manual Integrations
APPROVED

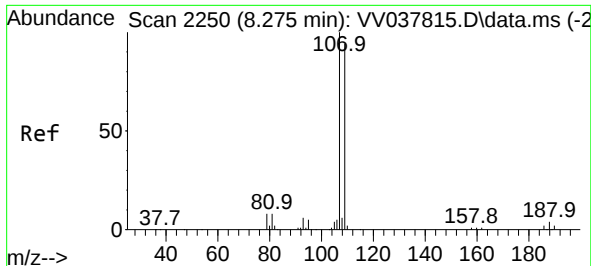
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#49
Dibromochloromethane
Concen: 43.568 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.006 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

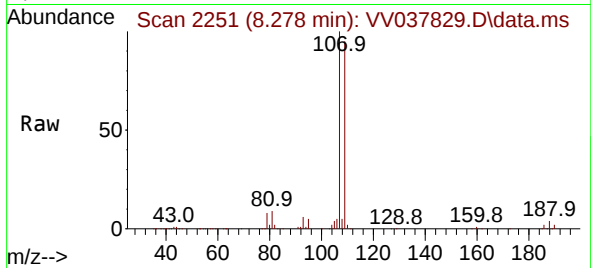
Tgt Ion:129 Resp: 245491
Ion Ratio Lower Upper
129 100
127 78.5 54.9 101.9





#50
1,2-Dibromoethane
Concen: 43.017 ug/L
RT: 8.278 min Scan# 2107
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

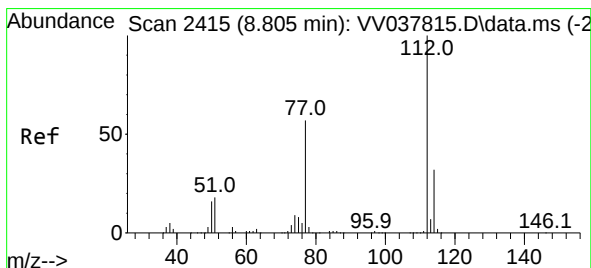
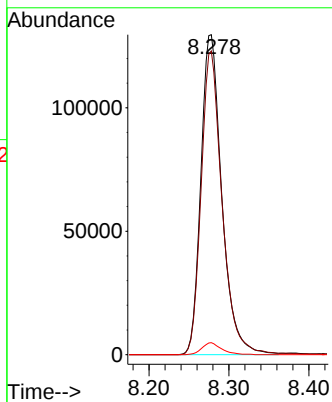
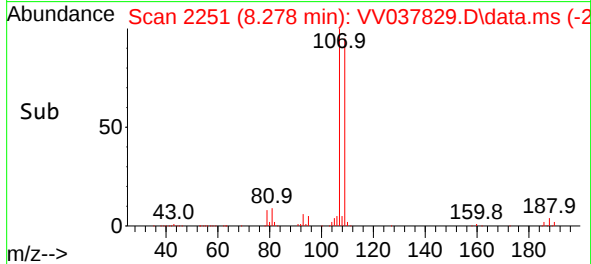
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



Tgt Ion:107 Resp: 23673
Ion Ratio Lower Upper
107 100
109 94.9 65.7 121.9
188 3.8 2.8 4.2

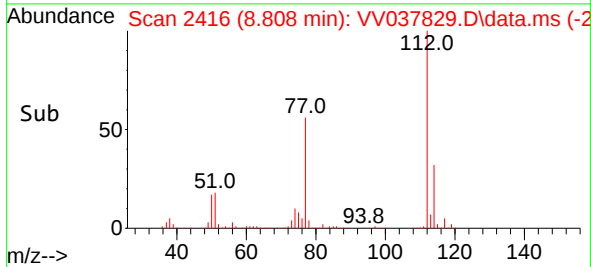
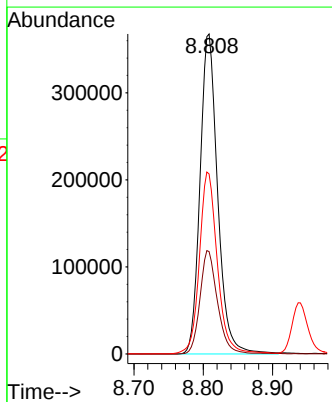
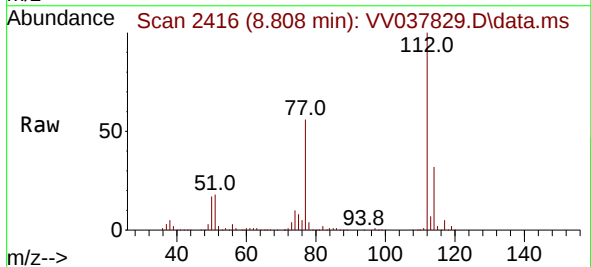
Manual Integrations
APPROVED

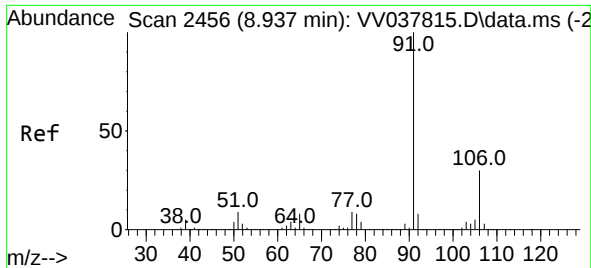
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#51
Chlorobenzene
Concen: 42.812 ug/L
RT: 8.808 min Scan# 2416
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Tgt Ion:112 Resp: 649252
Ion Ratio Lower Upper
112 100
114 32.0 22.5 41.7
77 56.3 45.8 68.8





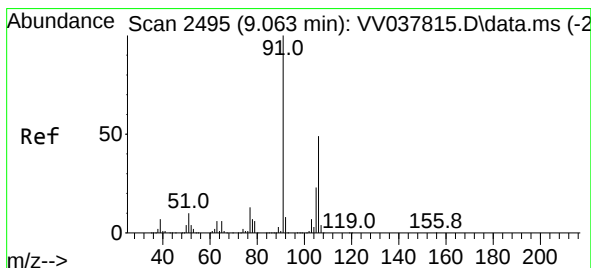
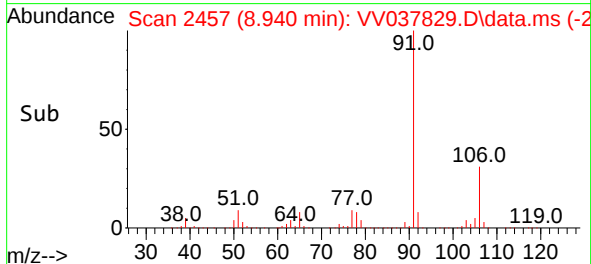
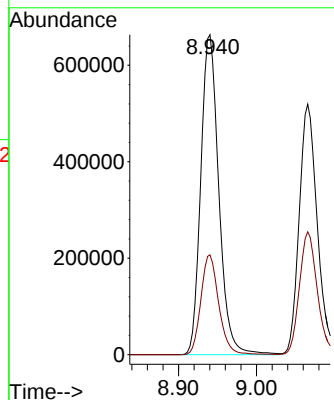
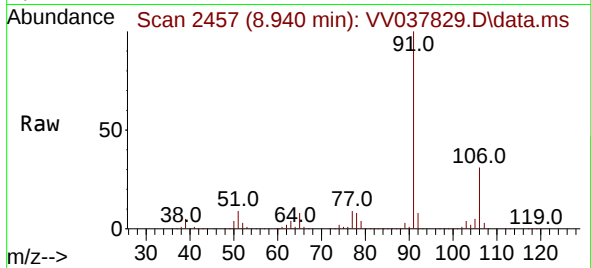
#52
Ethylbenzene
Concen: 42.545 ug/L
RT: 8.940 min Scan# 2456
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS

Tgt Ion: 91 Resp: 1066028
Ion Ratio Lower Upper
91 100
106 31.2 21.9 40.7

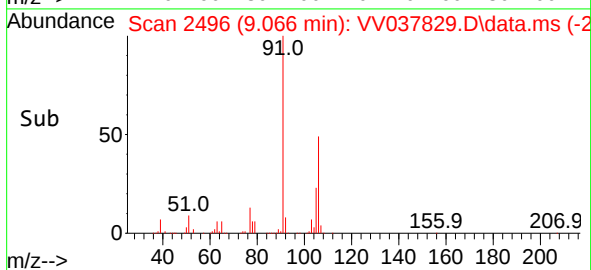
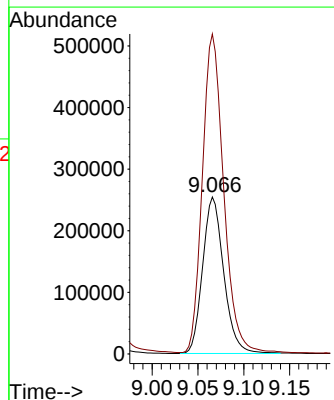
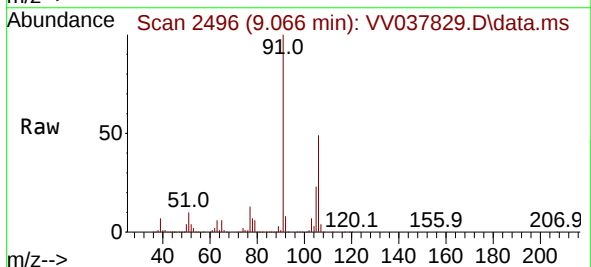
Manual Integrations
APPROVED

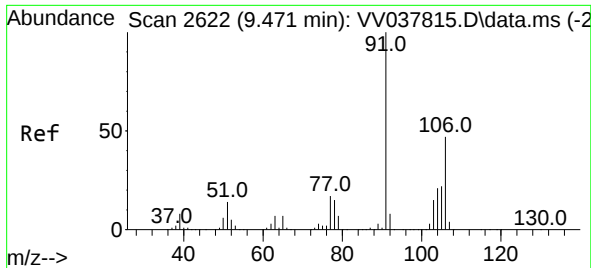
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#53
m,p-Xylene
Concen: 43.646 ug/L
RT: 9.066 min Scan# 2496
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Tgt Ion:106 Resp: 407001
Ion Ratio Lower Upper
106 100
91 204.0 142.0 263.6





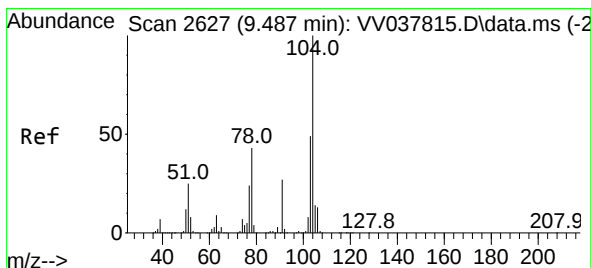
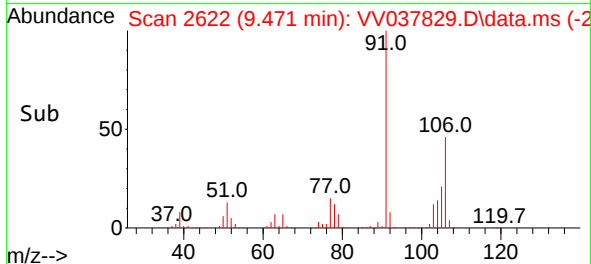
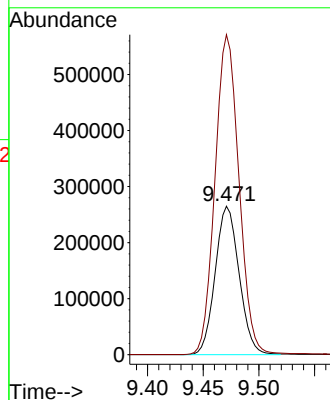
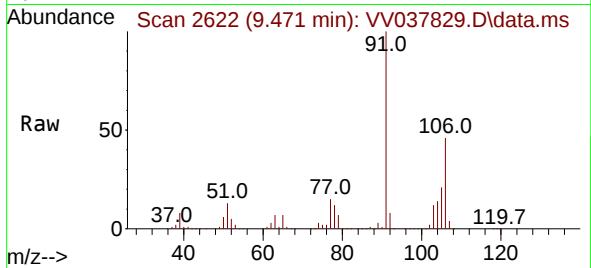
#54
o-Xylene
Concen: 43.447 ug/L
RT: 9.471 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

Instrument : MSVOA_V
ClientSampleId : EOW9MEMS

Tgt Ion:106 Resp: 39554
Ion Ratio Lower Upper
106 100
91 215.4 153.9 285.9

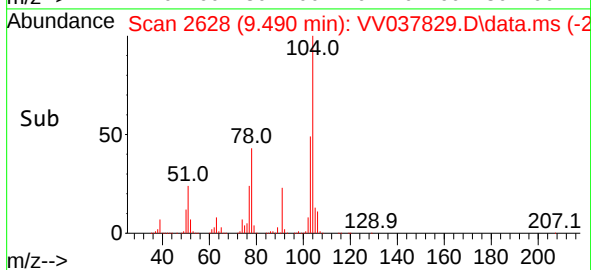
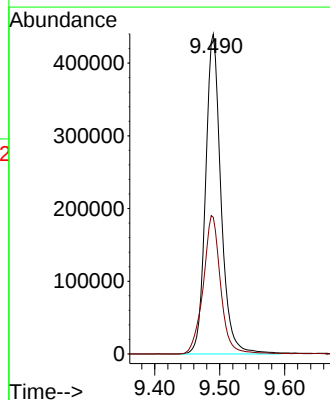
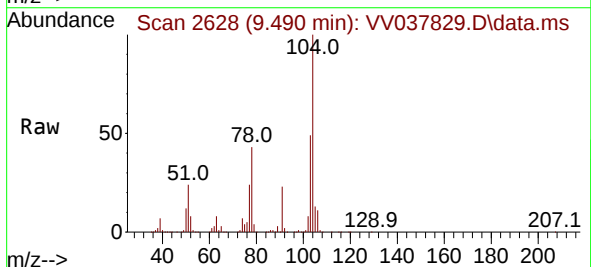
Manual Integrations
APPROVED

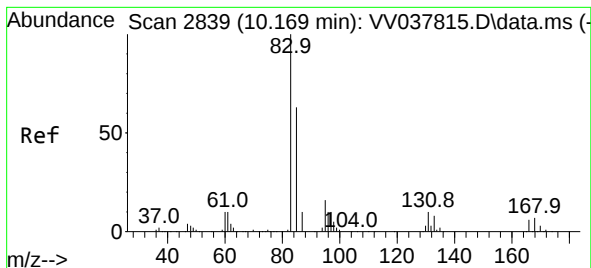
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#55
Styrene
Concen: 45.982 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

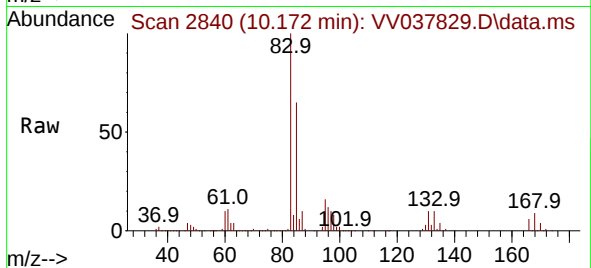
Tgt Ion:104 Resp: 728750
Ion Ratio Lower Upper
104 100
78 42.7 30.0 55.6





#57
1,1,2,2-Tetrachloroethane
Concen: 45.753 ug/L
RT: 10.172 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

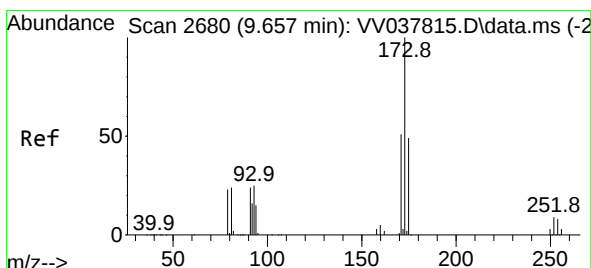
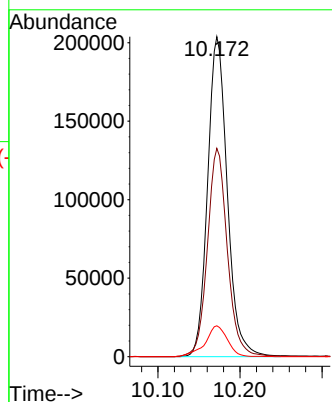
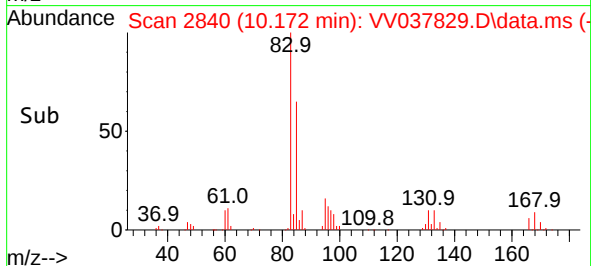
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



Tgt Ion: 83 Resp: 33960
Ion Ratio Lower Upper
83 100
85 65.1 45.9 85.3
131 9.7 7.9 11.9

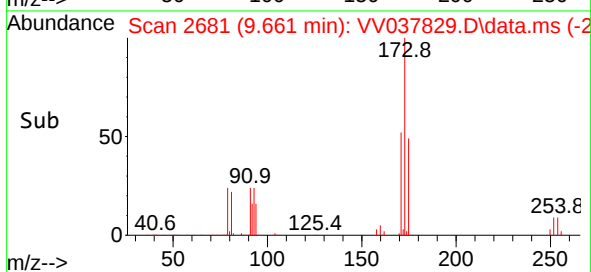
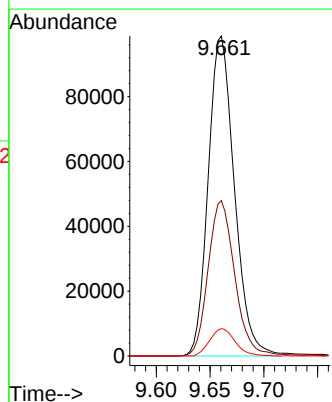
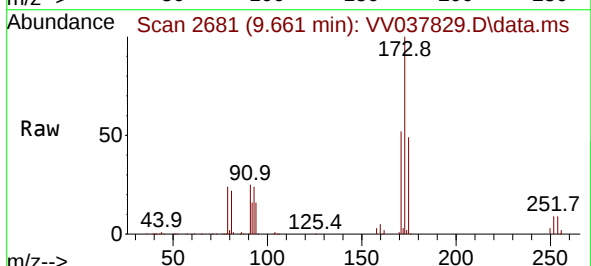
Manual Integrations
APPROVED

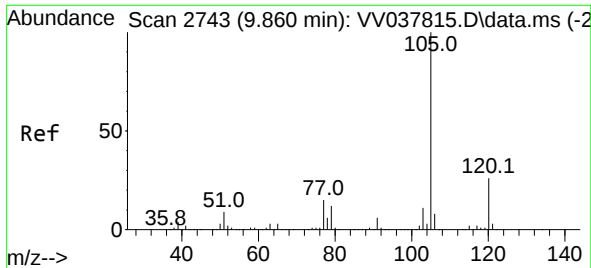
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#59
Bromoform
Concen: 42.515 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

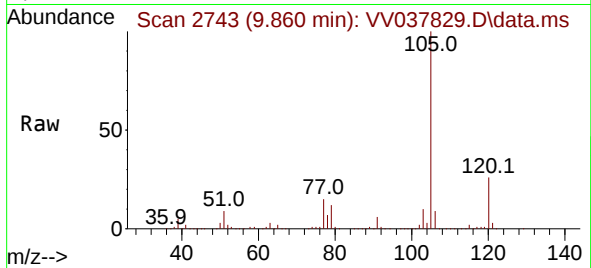
Tgt Ion:173 Resp: 167261
Ion Ratio Lower Upper
173 100
175 49.3 40.0 60.0
254 8.3 6.5 9.7





#60
Isopropylbenzene
Concen: 41.455 ug/L
RT: 9.860 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

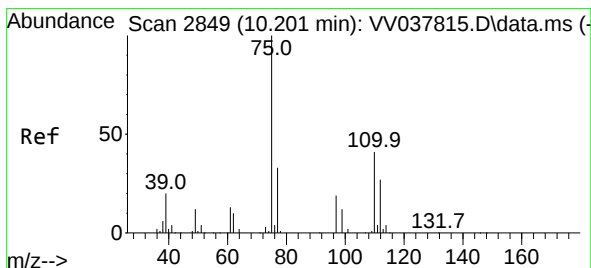
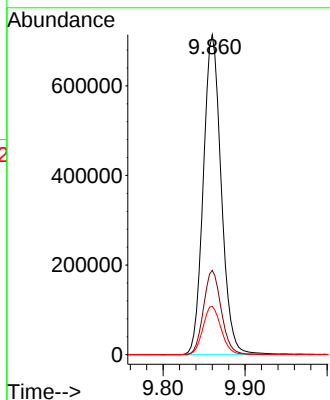
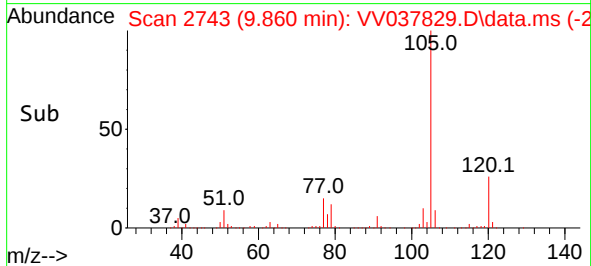
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



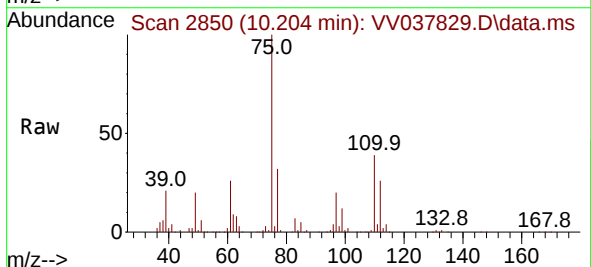
Tgt Ion:105 Resp: 108486
Ion Ratio Lower Upper
105 100
120 26.3 20.7 31.1
77 15.2 12.2 18.2

Manual Integrations
APPROVED

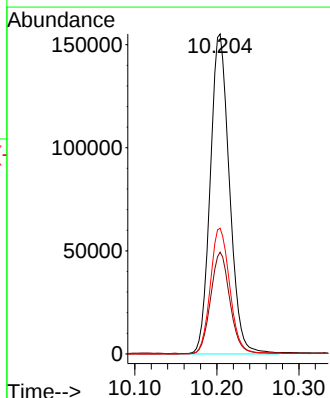
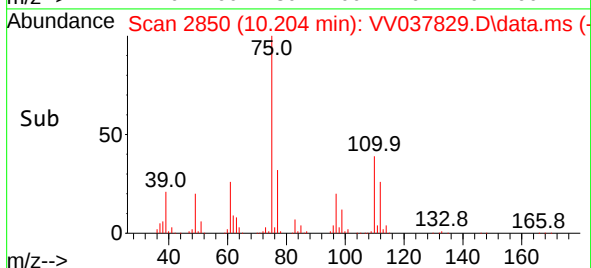
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

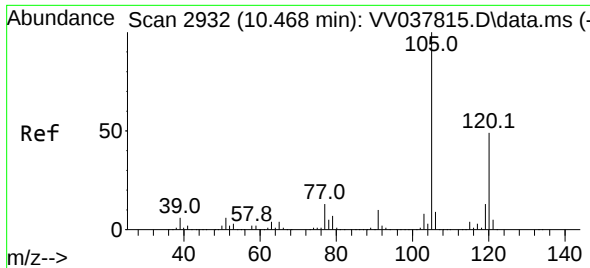


#61
1,2,3-Trichloropropane
Concen: 44.241 ug/L
RT: 10.204 min Scan# 2850
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27



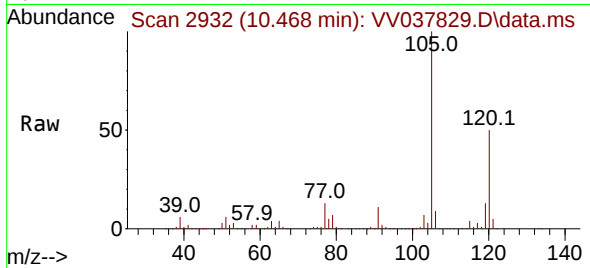
Tgt Ion: 75 Resp: 253403
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.0
110 39.6 31.7 47.5





#62
1,3,5-Trimethylbenzene
Concen: 42.329 ug/L
RT: 10.468 min Scan# 2932
Delta R.T. -0.000 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

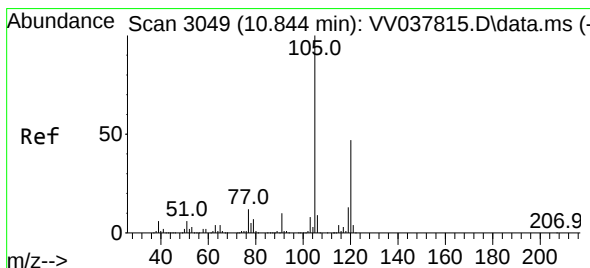
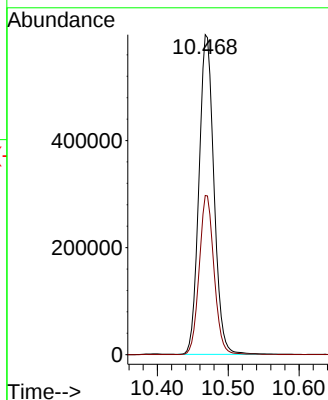
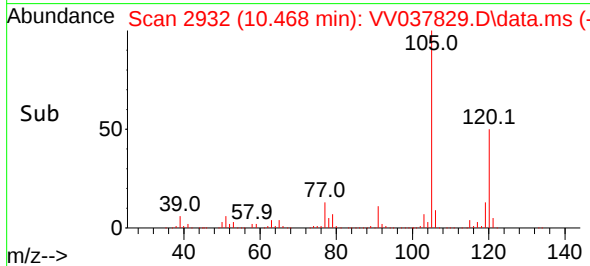
Instrument : MSVOA_V
ClientSampleId : E0AW9MEMS



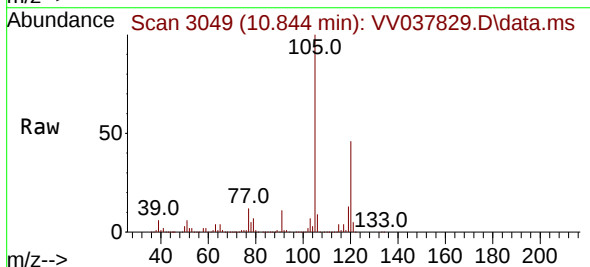
Tgt Ion:105 Resp: 875790
Ion Ratio Lower Upper
105 100
120 49.3 39.3 58.9

Manual Integrations
APPROVED

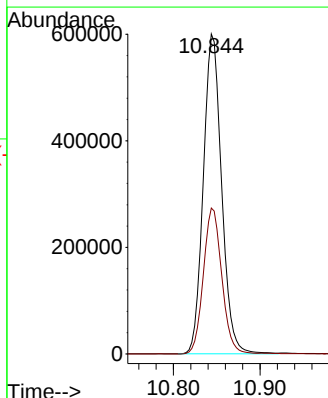
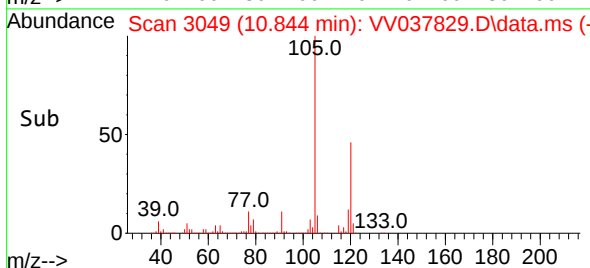
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

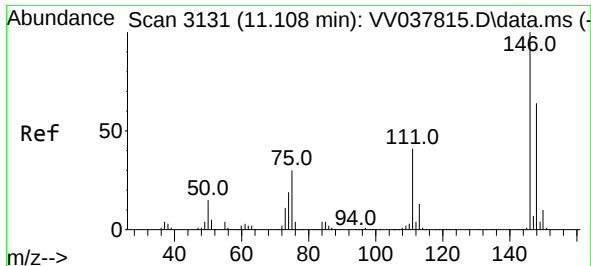


#63
1,2,4-Trimethylbenzene
Concen: 42.848 ug/L
RT: 10.844 min Scan# 3049
Delta R.T. -0.000 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27



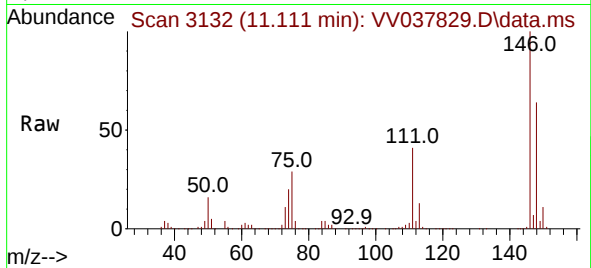
Tgt Ion:105 Resp: 882063
Ion Ratio Lower Upper
105 100
120 45.8 36.2 54.2





#64
1,3-Dichlorobenzene
Concen: 42.585 ug/L
RT: 11.111 min Scan# 3131
Delta R.T. 0.003 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27

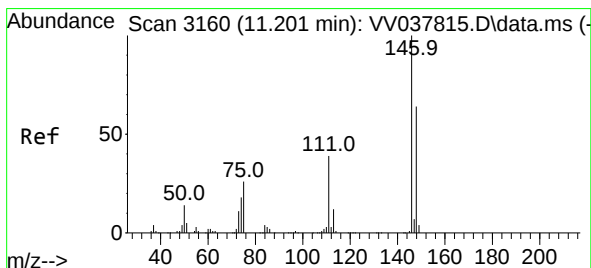
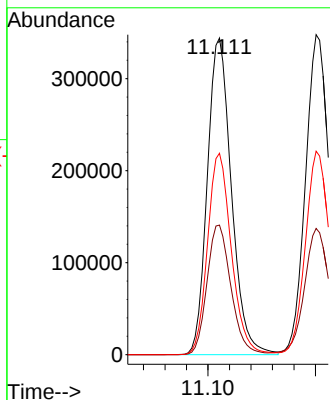
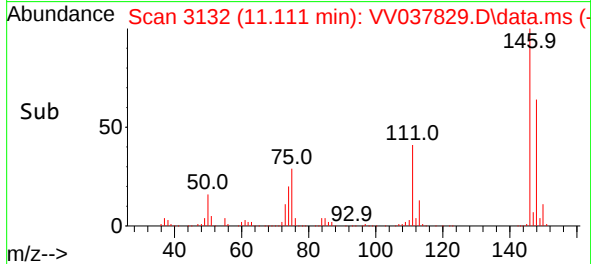
Instrument :
MSVOA_V
ClientSampleId :
EOAW9MEMS



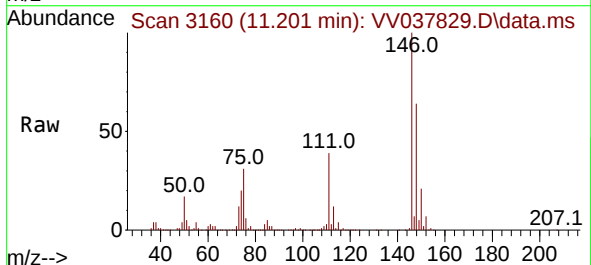
Tgt Ion:146 Resp: 536415
Ion Ratio Lower Upper
146 100
111 40.9 28.3 52.5
148 63.6 44.3 82.3

Manual Integrations
APPROVED

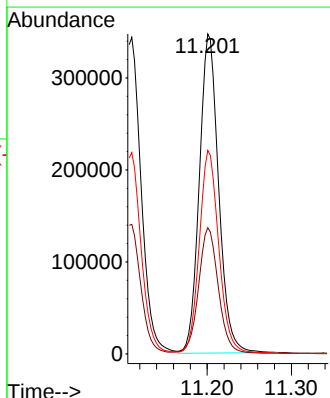
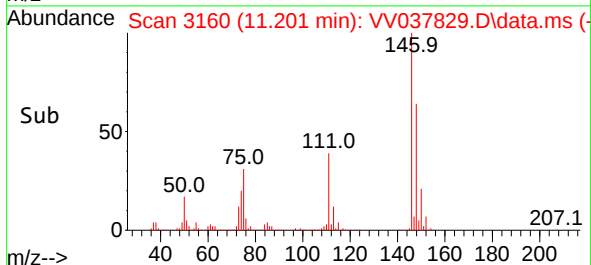
Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024

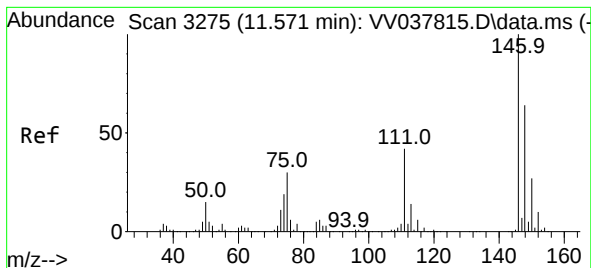


#65
1,4-Dichlorobenzene
Concen: 42.202 ug/L
RT: 11.201 min Scan# 3160
Delta R.T. -0.000 min
Lab File: VV037829.D
Acq: 11 Oct 2024 14:27



Tgt Ion:146 Resp: 553539
Ion Ratio Lower Upper
146 100
111 39.5 27.6 51.4
148 63.6 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 43.068 ug/L

RT: 11.570 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV037829.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

EOAW9MEMS

Tgt Ion:146 Resp: 536289

Ion Ratio Lower Upper

146 100

111 42.3 34.2 51.2

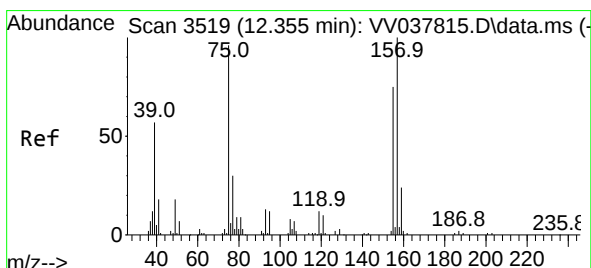
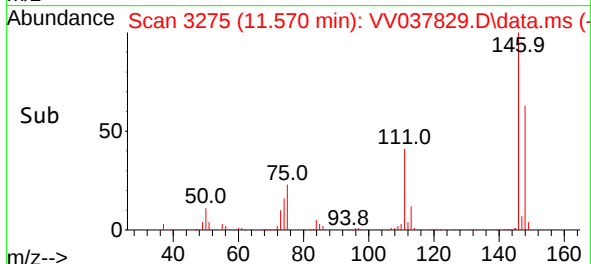
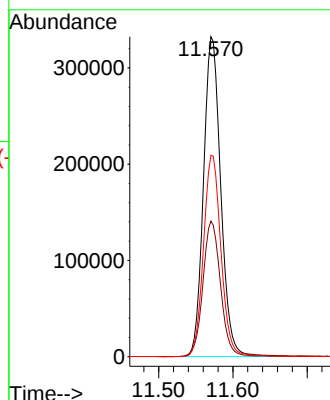
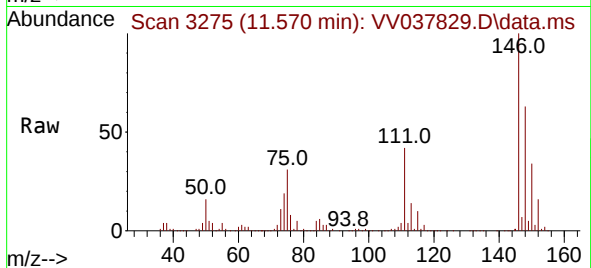
148 63.0 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 43.310 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.003 min

Lab File: VV037829.D

Acq: 11 Oct 2024 14:27

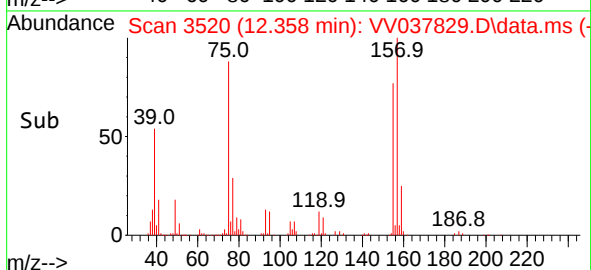
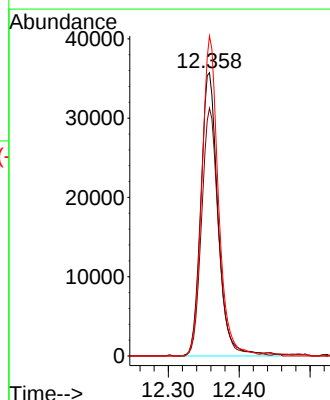
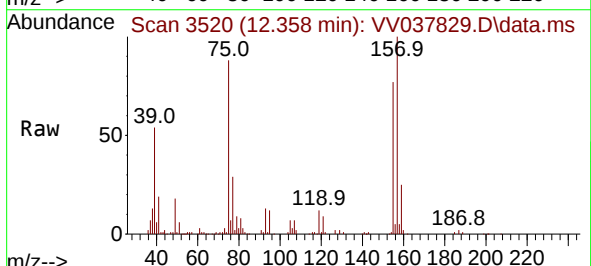
Tgt Ion: 75 Resp: 60217

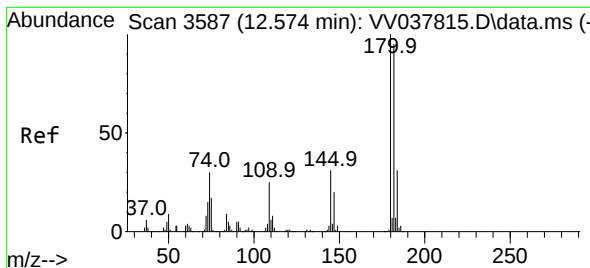
Ion Ratio Lower Upper

75 100

155 87.5 66.2 99.4

157 113.0 87.3 130.9





#69

1,3,5-Trichlorobenzene

Concen: 42.841 ug/L

RT: 12.574 min Scan# 3587

Delta R.T. -0.000 min

Lab File: VV037829.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

EOAW9MEMS

Tgt Ion:180 Resp: 37110

Ion Ratio Lower Upper

180 100

182 94.6 75.6 113.4

184 29.7 23.8 35.6

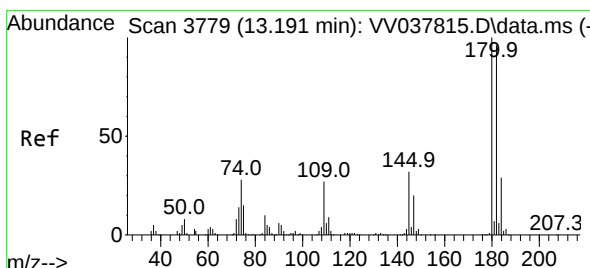
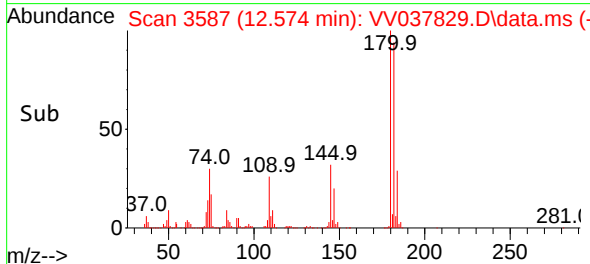
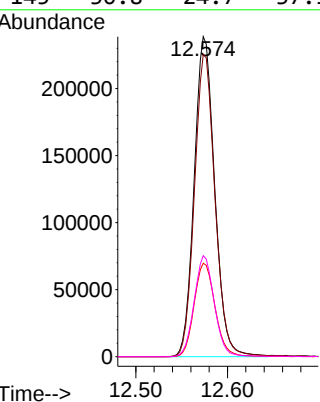
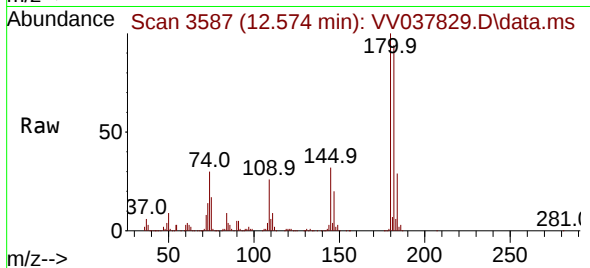
145 30.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2024

Supervised By :Mahesh Dadoda 10/14/2024



#70

1,2,4-trichlorobenzene

Concen: 43.101 ug/L

RT: 13.191 min Scan# 3779

Delta R.T. -0.000 min

Lab File: VV037829.D

Acq: 11 Oct 2024 14:27

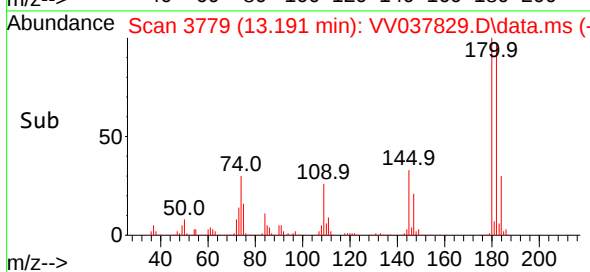
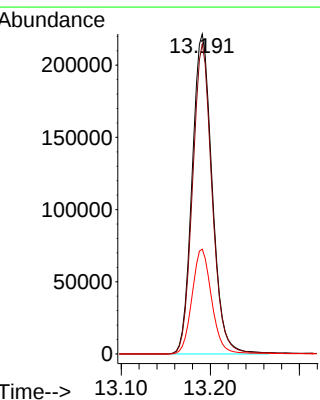
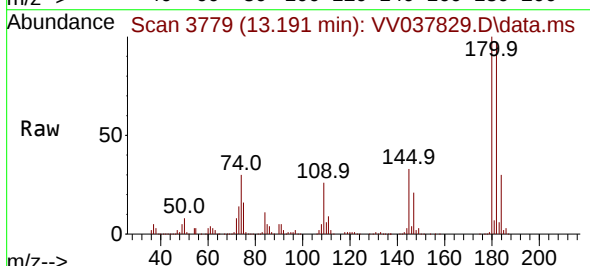
Tgt Ion:180 Resp: 346395

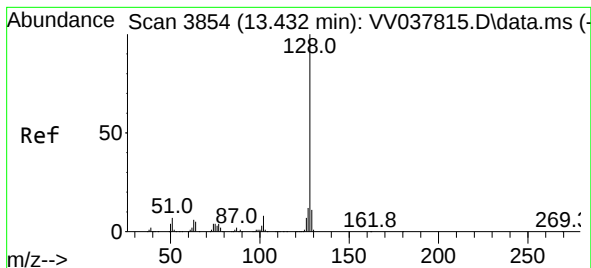
Ion Ratio Lower Upper

180 100

182 94.4 75.9 113.9

145 31.9 25.4 38.2





#71

Naphthalene

Concen: 43.104 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. -0.000 min

Lab File: VV037829.D

Acq: 11 Oct 2024 14:27

Instrument :

MSVOA_V

ClientSampleId :

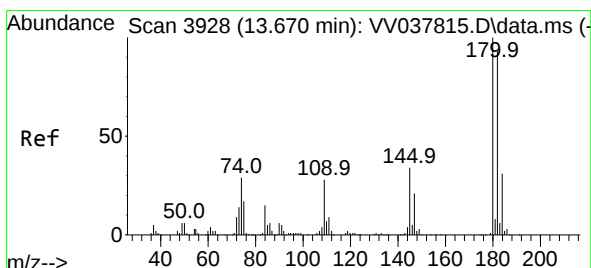
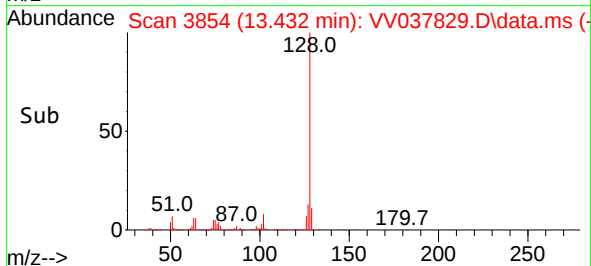
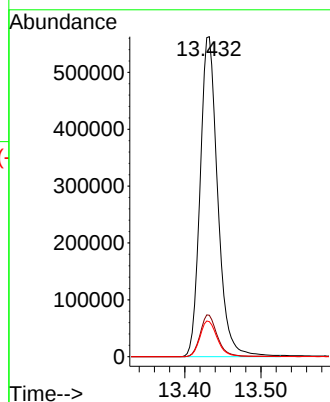
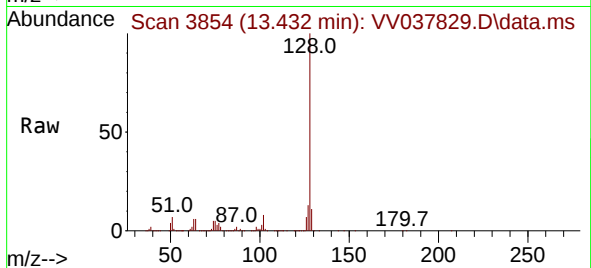
EOAW9MEMS

Tgt Ion:	128	Resp:	905080
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.2	15.4
129	11.1	8.5	12.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 10/14/2024
Supervised By :Mahesh Dadoda 10/14/2024



#72

1,2,3-Trichlorobenzene

Concen: 42.511 ug/L

RT: 13.670 min Scan# 3928

Delta R.T. -0.000 min

Lab File: VV037829.D

Acq: 11 Oct 2024 14:27

Tgt Ion:	180	Resp:	337391
Ion Ratio	Lower	Upper	
180	100		
182	94.5	75.8	113.8
145	33.5	26.2	39.4

