

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052524\
 Data File : VW035828.D
 Acq On : 26 May 2024 03:35
 Operator : SY/MD
 Sample : P2586-06MS
 Misc : 5.51g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4D18MS

Manual Integrations
 APPROVED

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

Quant Time: May 27 05:35:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 27 05:15:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	242780	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	152027	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37051	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	173956	46.358	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 185.440%#	
7) Chloroethane-d5	1.526	69	138480	45.745	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 182.960%#	
11) 1,1-Dichloroethene-d2	2.053	65	67142	40.416	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 161.680%#	
21) 2-Butanone-d5	3.873	46	18844m	17.695	ug/L	0.03
Spiked Amount	50.000	Range	20 - 135	Recovery	= 35.400%	
24) Chloroform-d	4.246	84	266728	36.955	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 147.800%	
26) 1,2-Dichloroethane-d4	4.941	65	141461	39.645	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 158.600%#	
32) Benzene-d6	4.957	84	471302	56.634	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 226.520%#	
36) 1,2-Dichloropropane-d6	5.986	67	154282	60.074	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 240.280%#	
41) Toluene-d8	7.243	98	312652	42.213	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 168.840%#	
43) trans-1,3-Dichloroprop...	7.558	79	25040	22.798	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 91.200%	
47) 2-Hexanone-d5	8.047	63	7049	15.264	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	= 30.520%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	80568	32.556	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 130.240%#	
66) 1,2-Dichlorobenzene-d4	11.561	152	34206	26.602	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 106.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.101	85	149043	30.196	ug/L	99
3) Chloromethane	1.211	50	102333	20.650	ug/L	100
5) Vinyl chloride	1.278	62	156362	30.540	ug/L	98
6) Bromomethane	1.481	94	44130	13.613	ug/L	97
8) Chloroethane	1.542	64	104147	32.999	ug/L	99
9) Trichlorofluoromethane	1.706	101	214530	32.102	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	137061	32.507	ug/L	99
12) 1,1-Dichloroethene	2.063	96	122171	32.079	ug/L #	86
13) Acetone	2.172	43	38912m	24.962	ug/L	
14) Carbon disulfide	2.233	76	206523	17.121	ug/L	100
15) Methyl Acetate	2.391	43	18883m	7.995	ug/L	
16) Methylene chloride	2.442	84	157157	28.071	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	110032	26.025	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	392946	38.529	ug/L	99
19) 1,1-Dichloroethane	3.108	63	272555	34.386	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	120401	26.269	ug/L	97
22) 2-Butanone	3.928	43	55729m	38.496	ug/L	
23) Bromochloromethane	4.146	128	71844	32.409	ug/L	99
25) Chloroform	4.272	83	270149	33.006	ug/L	99

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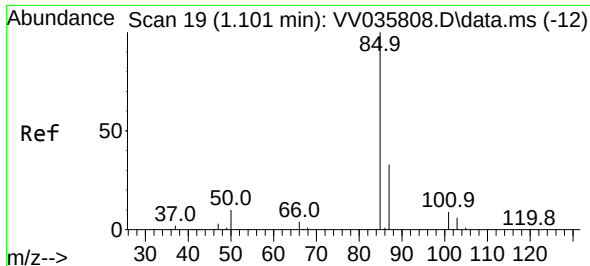
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024

Quant Time: May 27 05:35:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050624SMA.M
 Quant Title : VOC Analysis
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	174954	34.327	ug/L	97
29) Cyclohexane	4.577	56	103331	28.423	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	208644	49.497	ug/L	98
31) Carbon tetrachloride	4.732	117	163606	44.235	ug/L	99
33) Benzene	5.005	78	471508	46.862	ug/L	100
34) Trichloroethene	5.831	95	105019	36.899	ug/L	97
35) Methylcyclohexane	6.047	83	90327	20.904	ug/L	98
37) 1,2-Dichloropropane	6.092	63	138278	52.675	ug/L	99
38) Bromodichloromethane	6.432	83	172322	48.457	ug/L	98
39) cis-1,3-Dichloropropene	6.957	75	63120	15.373	ug/L	99
40) 4-Methyl-2-pentanone	7.162	43	89032	56.630	ug/L	93
42) Toluene	7.313	91	361002	33.903	ug/L	100
44) trans-1,3-Dichloropropene	7.584	75	69691	19.403	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	112168	50.289	ug/L	99
46) Tetrachloroethene	7.905	164	56666	24.507	ug/L	99
48) 2-Hexanone	8.088	43	36407	30.885	ug/L #	82
49) Dibromochloromethane	8.175	129	104003	41.323	ug/L	99
50) 1,2-Dibromoethane	8.284	107	74503	33.906	ug/L	99
51) Chlorobenzene	8.815	112	174015	23.552	ug/L	99
52) Ethylbenzene	8.947	91	245962	20.921	ug/L	98
53) m,p-Xylene	9.072	106	87489	19.615	ug/L	99
54) o-Xylene	9.477	106	85061	20.121	ug/L	100
55) Styrene	9.497	104	103211	13.998	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	84275	31.017	ug/L	98
59) Bromoform	9.664	173	53397	73.334	ug/L	100
60) Isopropylbenzene	9.866	105	189318	38.359	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	79283	91.317	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	101540	26.226	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	92812	23.327	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	58839	22.717	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	56573	21.098	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	53617	21.991	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	11192	55.582	ug/L	85
69) 1,3,5-Trichlorobenzene	12.583	180	21381	10.564	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	13320	7.881	ug/L	99
71) Naphthalene	13.442	128	28662	9.660	ug/L	99
72) 1,2,3-Trichlorobenzene	13.683	180	10824	7.119	ug/L	99

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



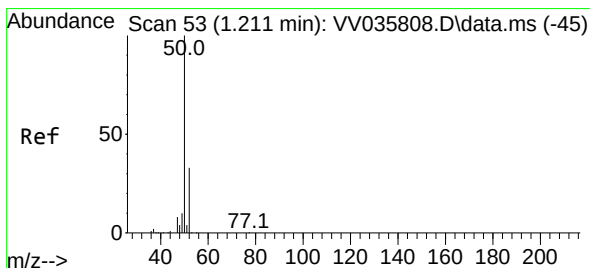
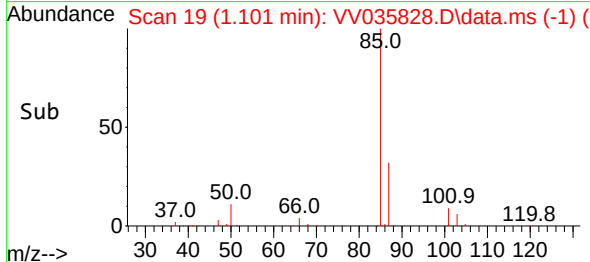
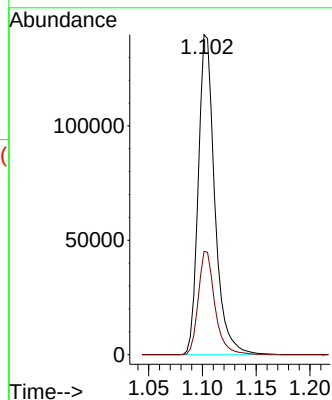
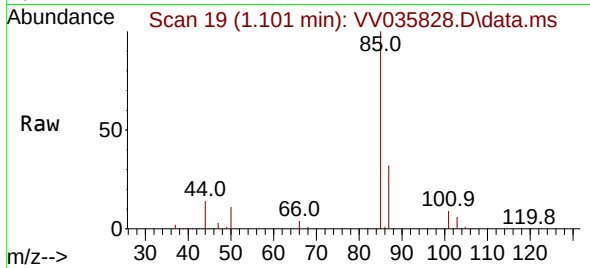
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Dichlorodifluoromethane
Concen: 30.196 ug/L
RT: 1.101 min Scan# 19
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
A4D18MS

Tgt Ion: 85 Resp: 14904
Ion Ratio Lower Upper
85 100
87 32.5 25.8 38.6

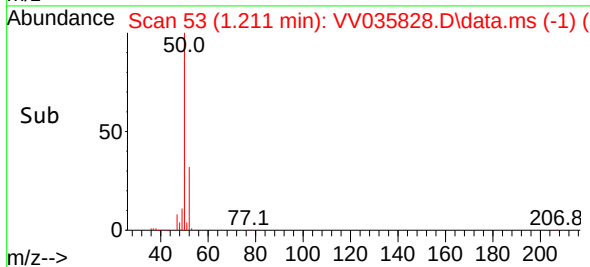
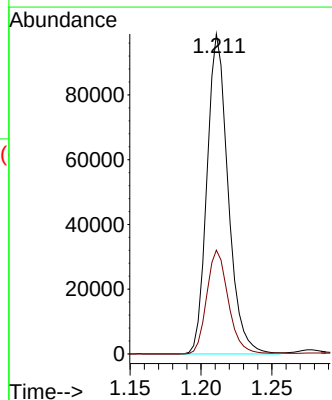
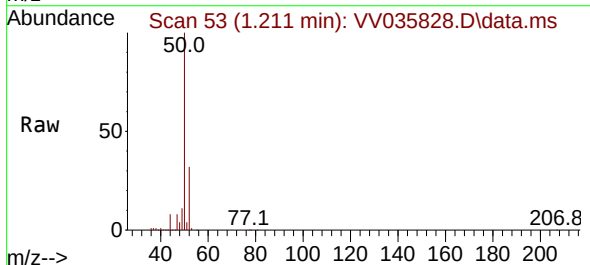
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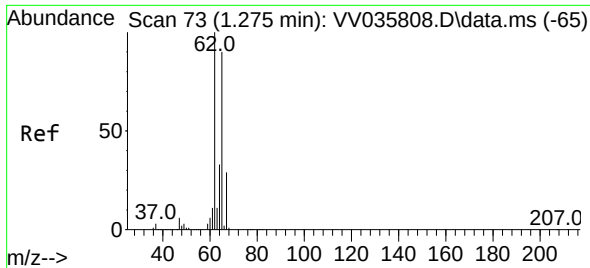
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#3
Chloromethane
Concen: 20.650 ug/L
RT: 1.211 min Scan# 53
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

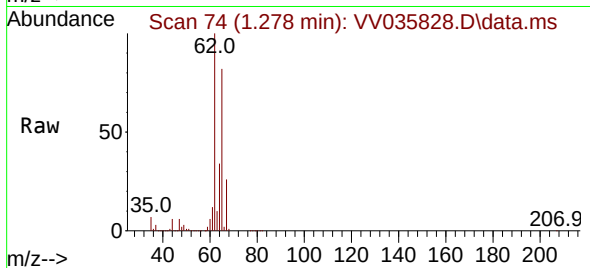
Tgt Ion: 50 Resp: 102333
Ion Ratio Lower Upper
50 100
52 32.5 22.7 42.1





#5
 Vinyl chloride
 Concen: 30.540 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.003 min
 Lab File: VV035828.D
 Acq: 26 May 2024 03:35

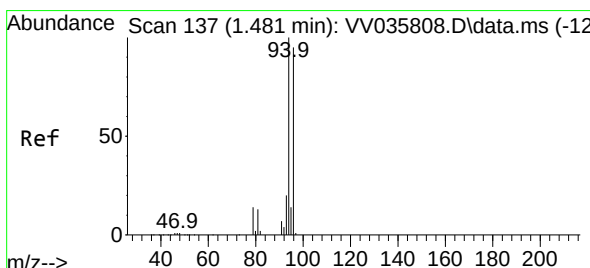
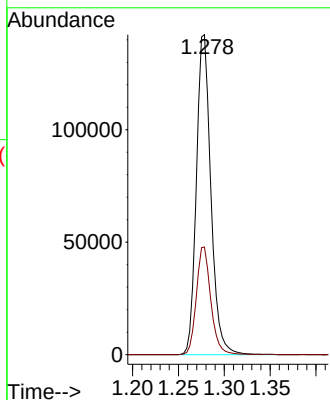
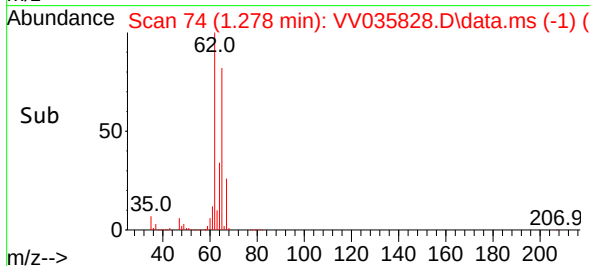
Instrument :
 MSVOA_V
 ClientSampleId :
 A4D18MS



Tgt Ion: 62 Resp: 156362
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.0 42.6

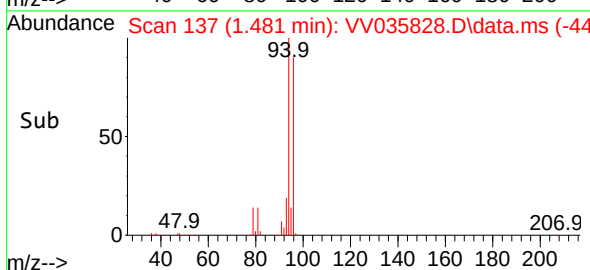
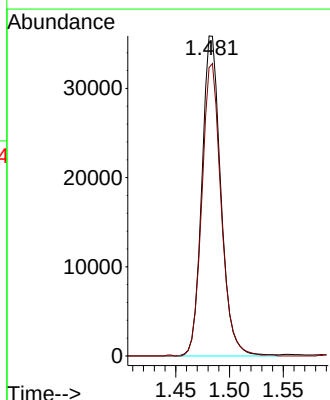
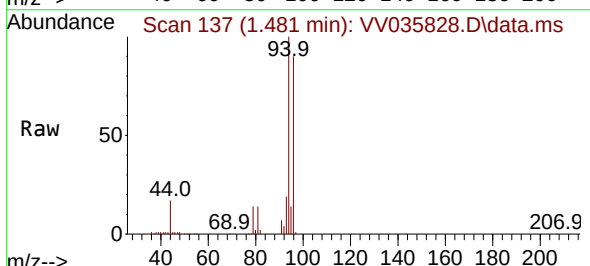
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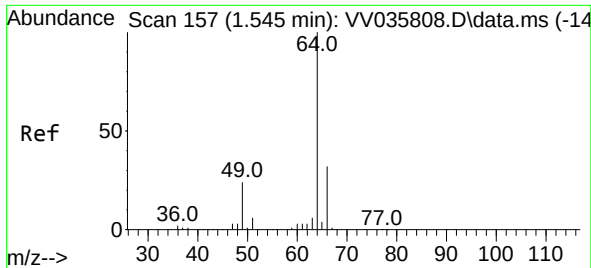
Reviewed By :Semsettin Yesilyurt 05/28/2024
 Supervised By :Mahesh Dadoda 05/28/2024



#6
 Bromomethane
 Concen: 13.613 ug/L
 RT: 1.481 min Scan# 137
 Delta R.T. 0.000 min
 Lab File: VV035828.D
 Acq: 26 May 2024 03:35

Tgt Ion: 94 Resp: 44130
 Ion Ratio Lower Upper
 94 100
 96 90.1 65.2 121.0





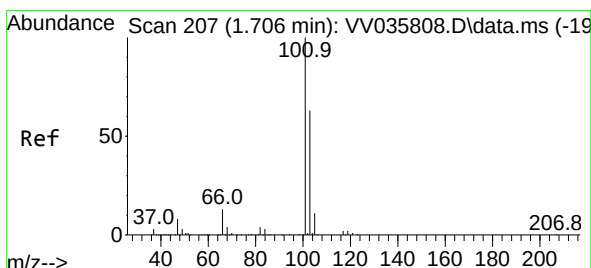
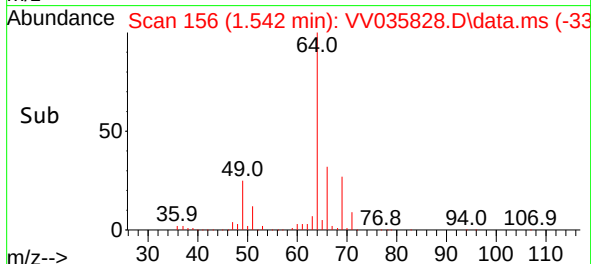
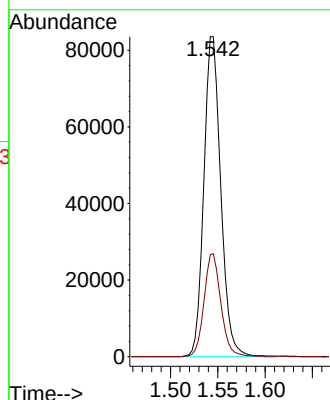
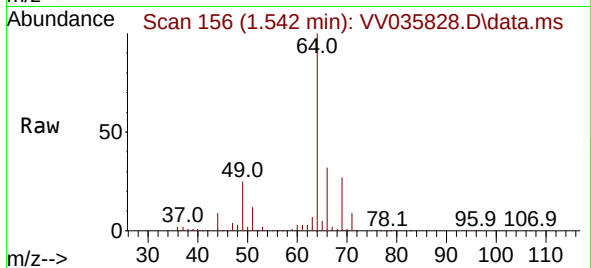
#8
Chloroethane
Concen: 32.999 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
A4D18MS

Tgt Ion: 64 Resp: 10414
Ion Ratio Lower Upper
64 100
66 31.9 22.0 40.8

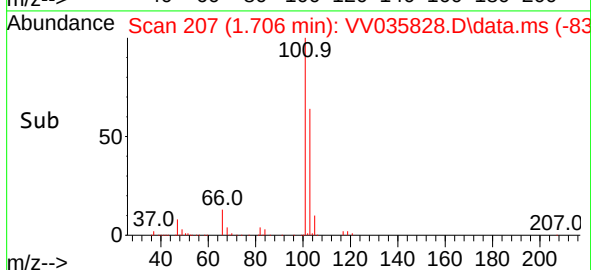
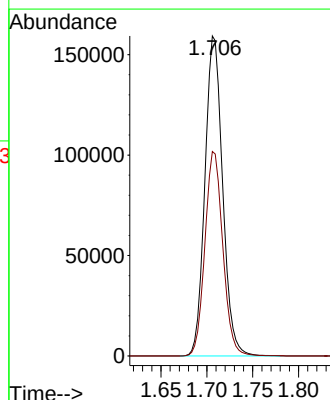
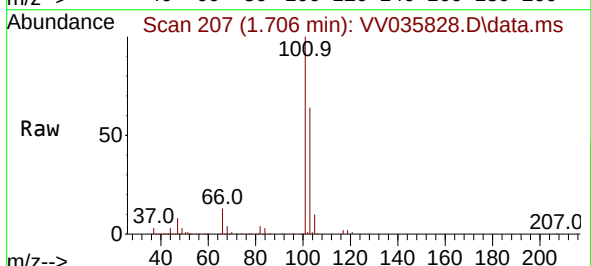
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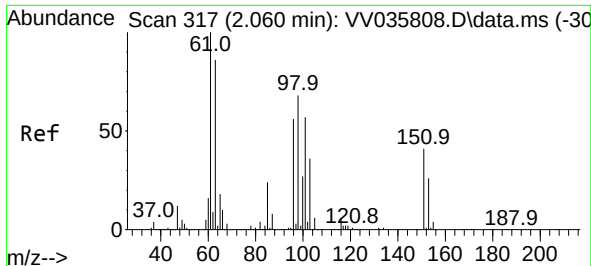
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#9
Trichlorofluoromethane
Concen: 32.102 ug/L
RT: 1.706 min Scan# 207
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Tgt Ion:101 Resp: 214530
Ion Ratio Lower Upper
101 100
103 64.4 51.5 77.3





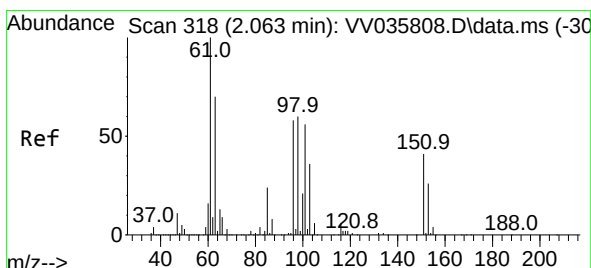
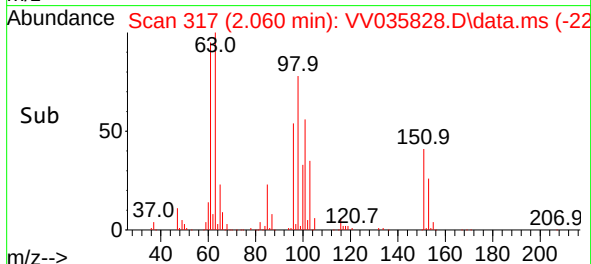
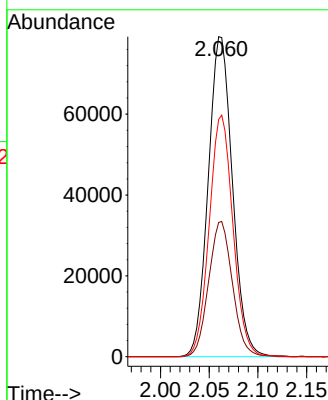
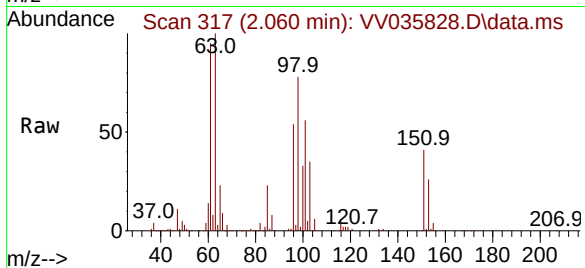
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 32.507 ug/L
RT: 2.060 min Scan# 317
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
A4D18MS

Tgt Ion: 101 Resp: 13706
Ion Ratio Lower Upper
101 100
85 41.5 34.2 51.4
151 73.9 59.5 89.3

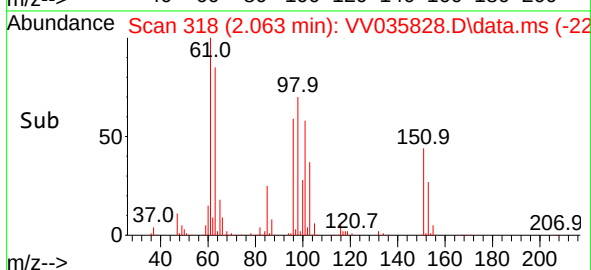
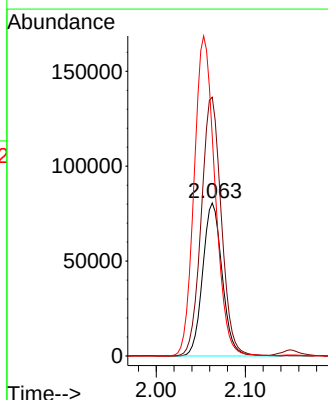
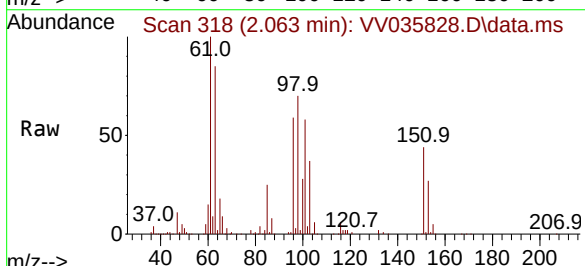
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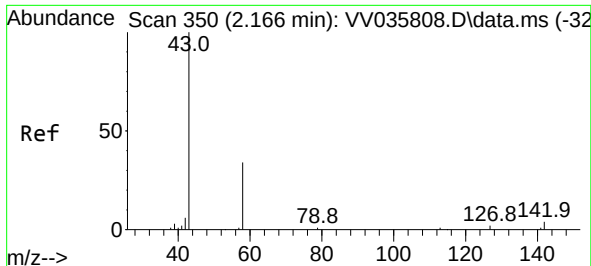
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#12
1,1-Dichloroethene
Concen: 32.079 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Tgt Ion: 96 Resp: 122171
Ion Ratio Lower Upper
96 100
61 169.2 119.8 222.4
63 143.4 75.6 140.4#





#13

Acetone

Concen: 24.962 ug/L m

RT: 2.172 min Scan# 3

Delta R.T. 0.007 min

Lab File: VV035828.D

Acq: 26 May 2024 03:35

Instrument :

MSVOA_V

ClientSampleId :

A4D18MS

Tgt Ion: 43 Resp: 3891

Ion Ratio Lower Upper

43 100

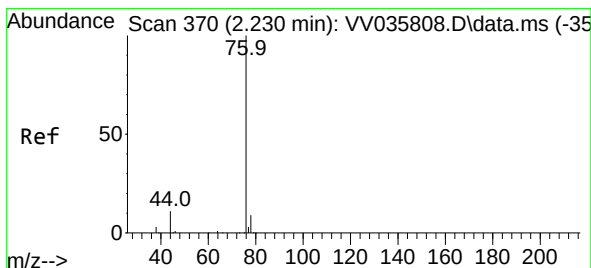
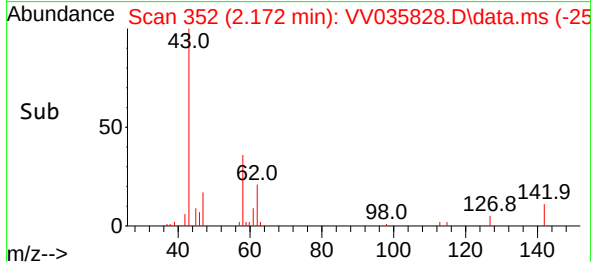
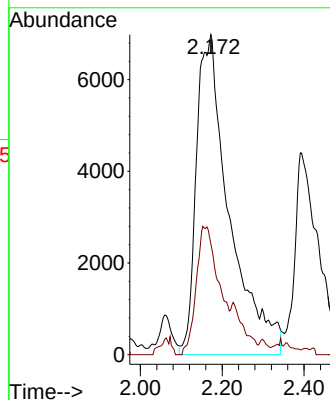
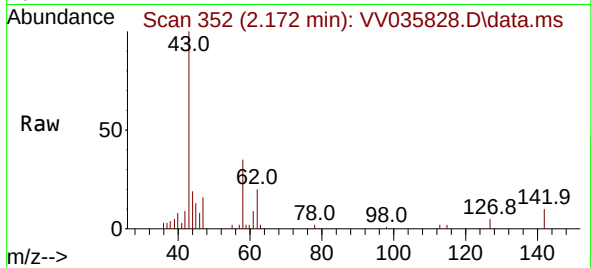
58 0.2 0.0 22.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#14

Carbon disulfide

Concen: 17.121 ug/L

RT: 2.233 min Scan# 371

Delta R.T. 0.003 min

Lab File: VV035828.D

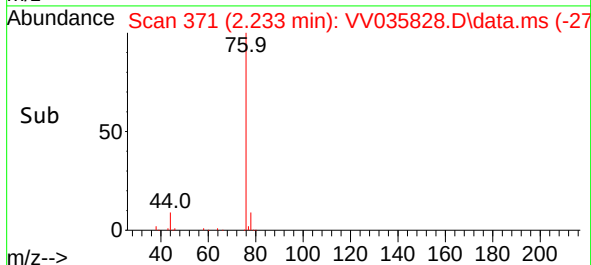
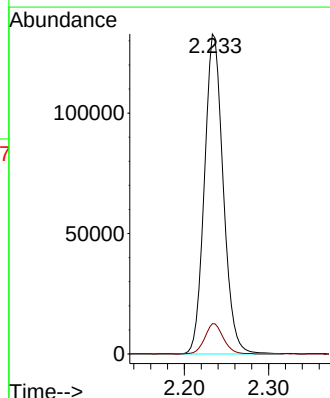
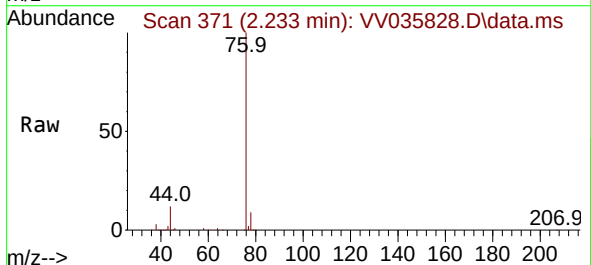
Acq: 26 May 2024 03:35

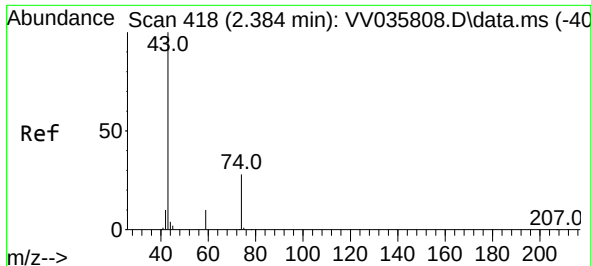
Tgt Ion: 76 Resp: 206523

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3





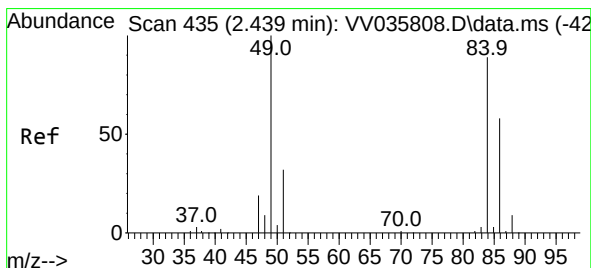
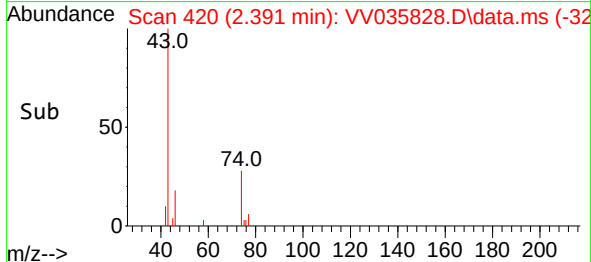
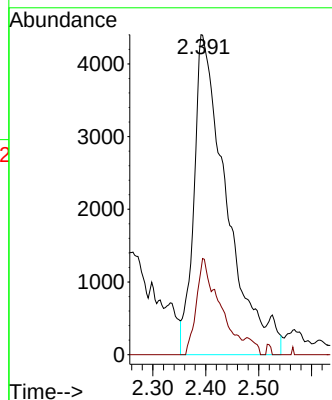
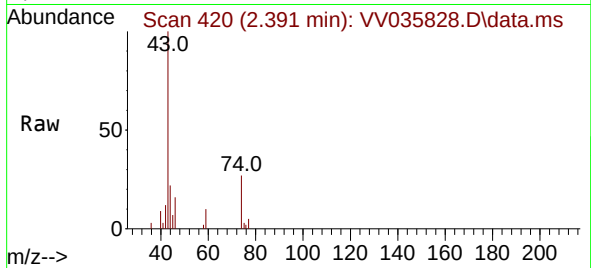
#15
Methyl Acetate
Concen: 7.995 ug/L m
RT: 2.391 min Scan# 418
Delta R.T. 0.006 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
A4D18MS

Tgt Ion: 43 Resp: 1888
Ion Ratio Lower Upper
43 100
74 0.4 18.6 27.8

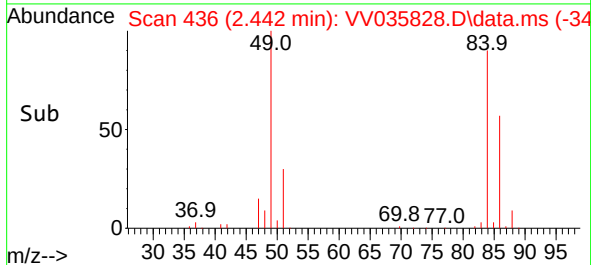
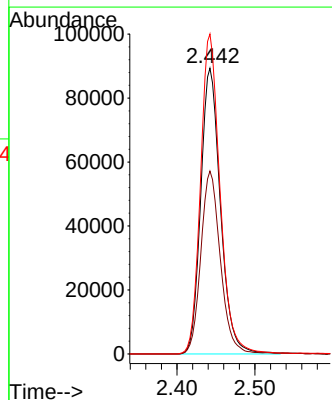
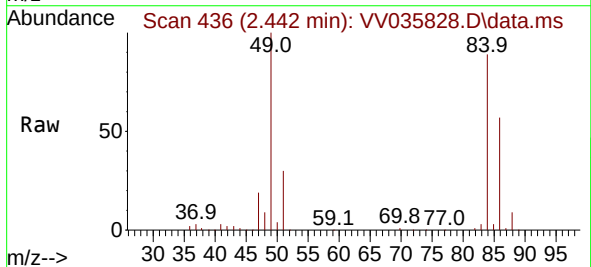
Manual Integrations
APPROVED

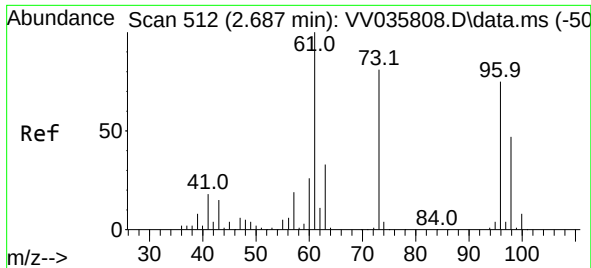
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#16
Methylene chloride
Concen: 28.071 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

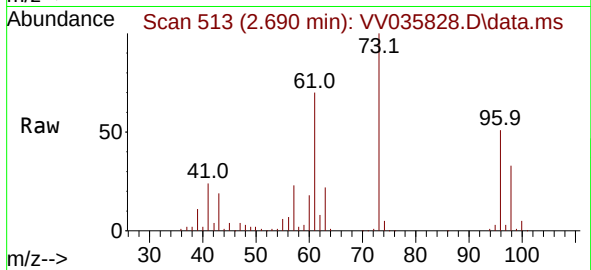
Tgt Ion: 84 Resp: 157157
Ion Ratio Lower Upper
84 100
86 64.0 43.8 81.3
49 112.0 75.3 139.9





#17
trans-1,2-Dichloroethene
Concen: 26.025 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

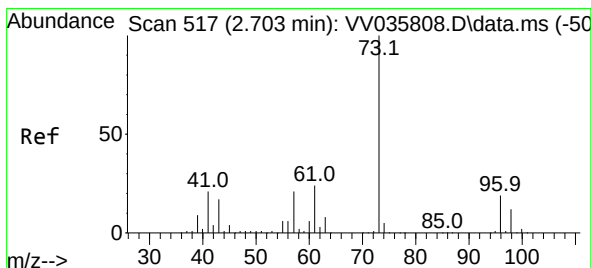
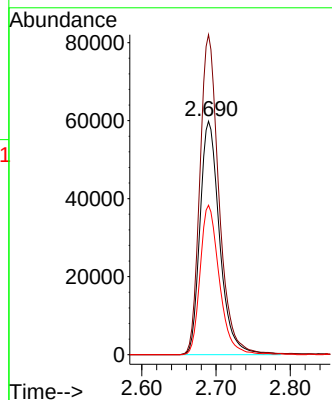
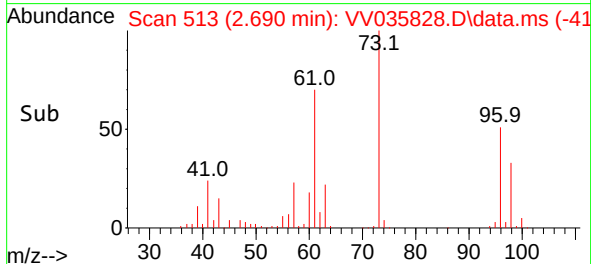
Instrument :
MSVOA_V
ClientSampleId :
A4D18MS



Tgt Ion: 96 Resp: 110032
Ion Ratio Lower Upper
96 100
61 137.1 95.5 177.4
98 64.0 46.0 85.4

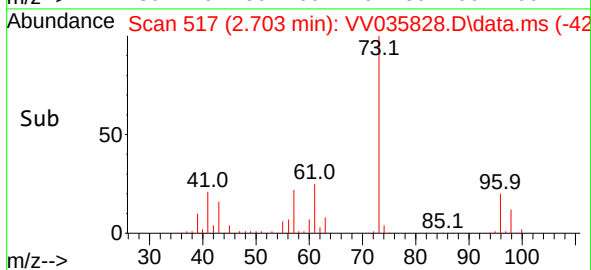
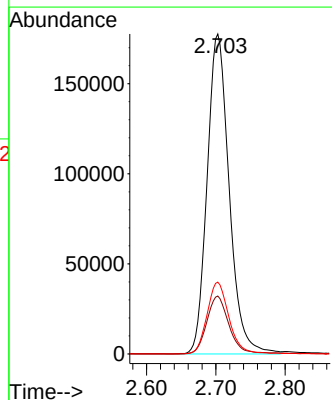
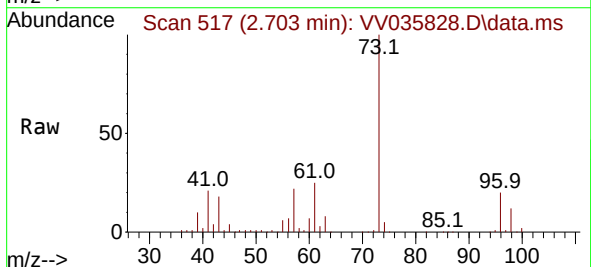
Manual Integrations
APPROVED

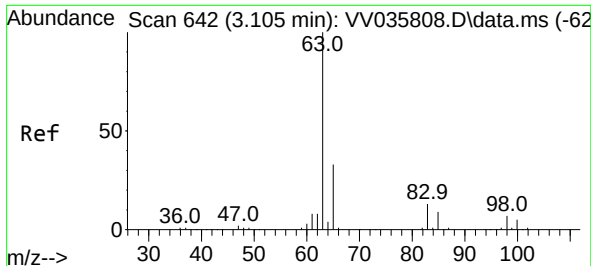
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#18
Methyl tert-butyl Ether
Concen: 38.529 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Tgt Ion: 73 Resp: 392946
Ion Ratio Lower Upper
73 100
43 17.4 13.3 19.9
57 22.2 17.4 26.2





#19

1,1-Dichloroethane

Concen: 34.386 ug/L

RT: 3.108 min Scan# 64

Delta R.T. 0.003 min

Lab File: VV035828.D

Acq: 26 May 2024 03:35

Instrument :

MSVOA_V

ClientSampleId :

A4D18MS

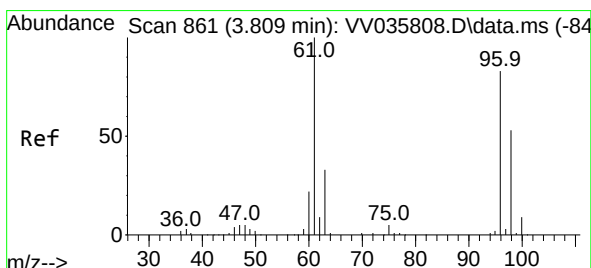
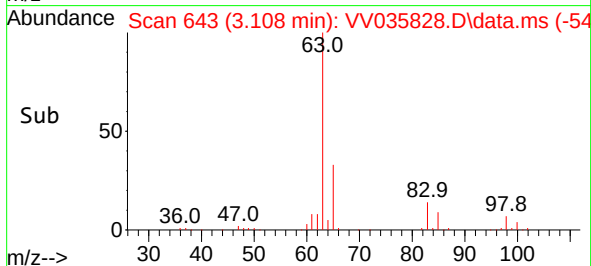
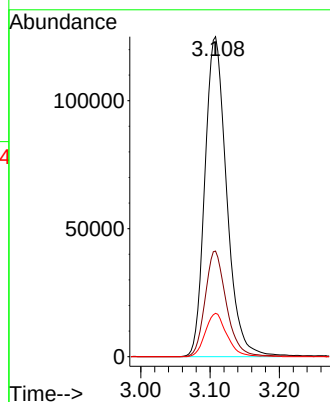
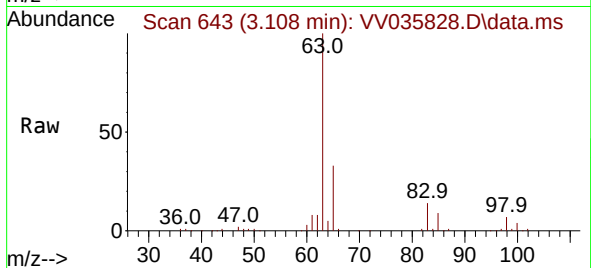
Tgt Ion: 63 Resp: 27255

Ion	Ratio	Lower	Upper
63	100		
65	33.0	22.7	42.3
83	13.6	9.7	17.9

Manual Integrations

APPROVED

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



#20

cis-1,2-Dichloroethene

Concen: 26.269 ug/L

RT: 3.812 min Scan# 862

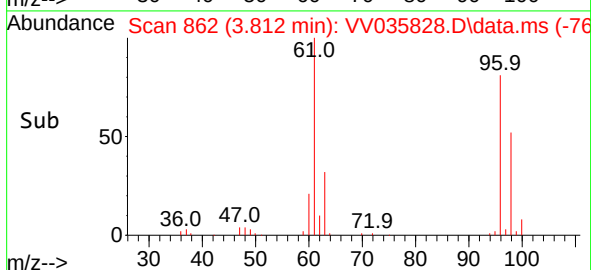
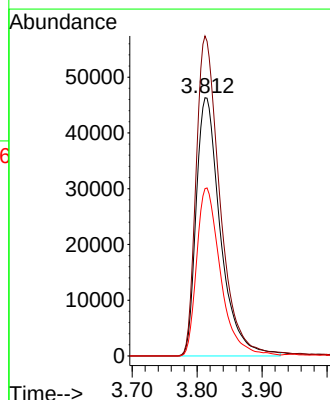
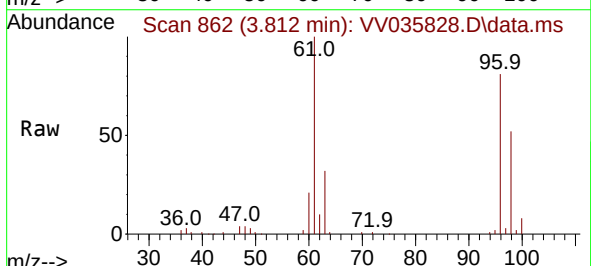
Delta R.T. 0.003 min

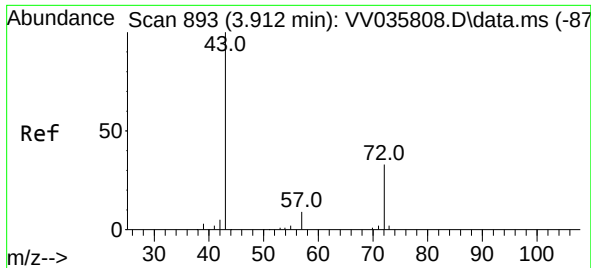
Lab File: VV035828.D

Acq: 26 May 2024 03:35

Tgt Ion: 96 Resp: 120401

Ion	Ratio	Lower	Upper
96	100		
61	123.9	83.9	155.9
98	64.8	44.0	81.8





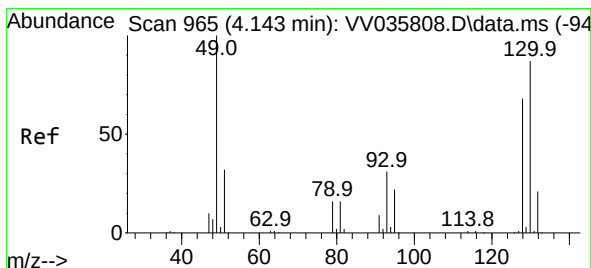
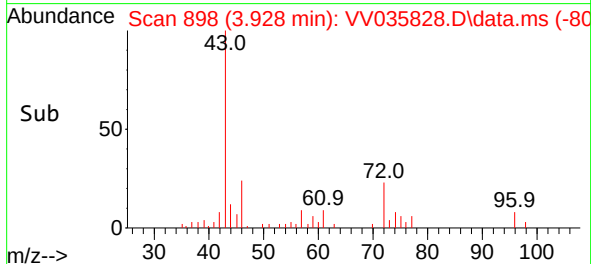
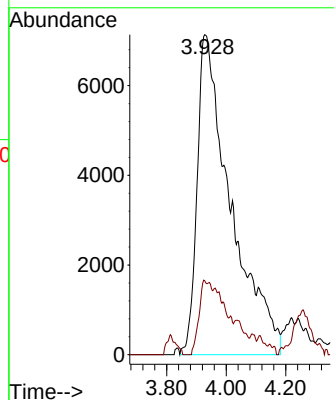
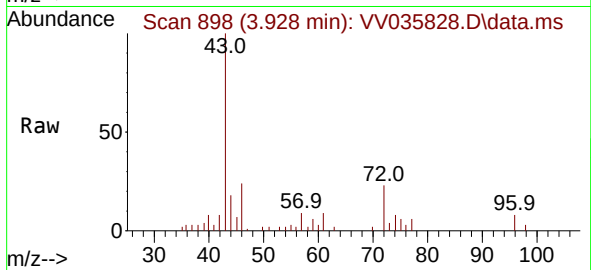
#22
2-Butanone
Concen: 38.496 ug/L m
RT: 3.928 min Scan# 894
Delta R.T. 0.016 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
A4D18MS

Tgt Ion: 43 Resp: 55729
Ion Ratio Lower Upper
43 100
72 5.3 12.3 36.9

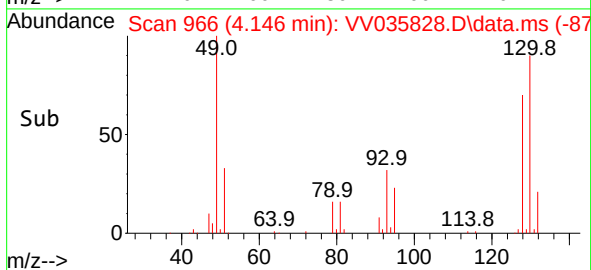
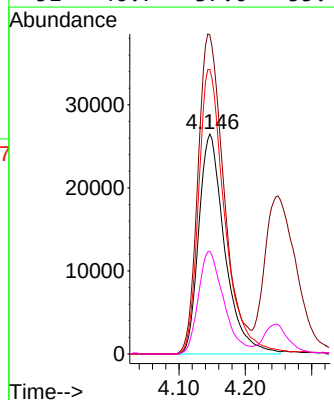
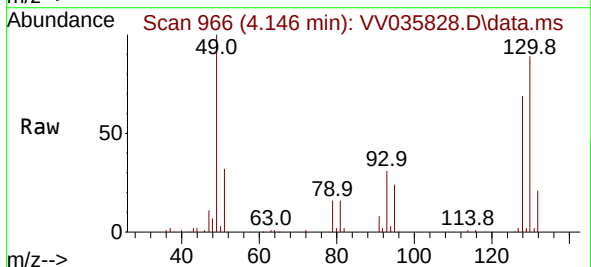
Manual Integrations
APPROVED

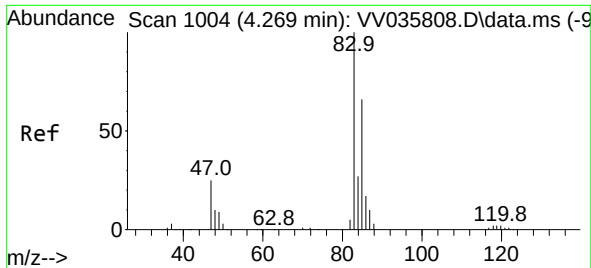
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#23
Bromochloromethane
Concen: 32.409 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Tgt Ion:128 Resp: 71844
Ion Ratio Lower Upper
128 100
49 145.2 103.1 191.5
130 129.4 91.8 170.4
51 46.7 37.0 55.4





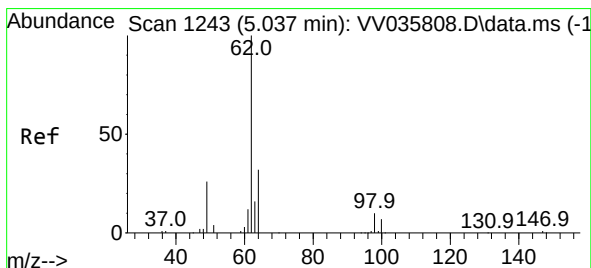
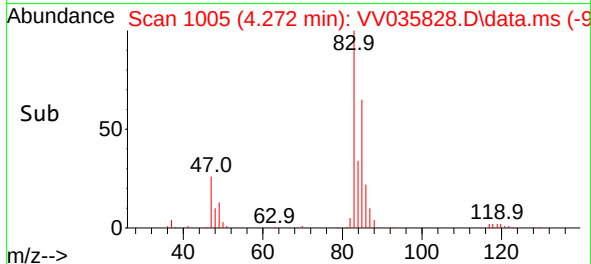
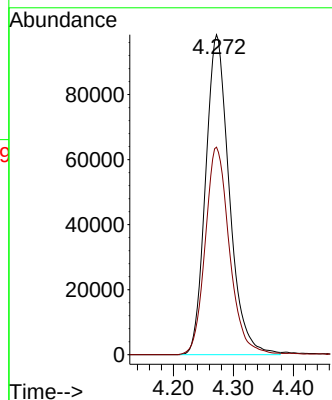
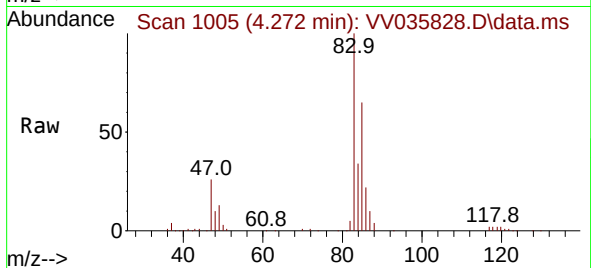
#25
Chloroform
Concen: 33.006 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
A4D18MS

Tgt Ion: 83 Resp: 270149
Ion Ratio Lower Upper
83 100
85 64.9 44.7 82.9

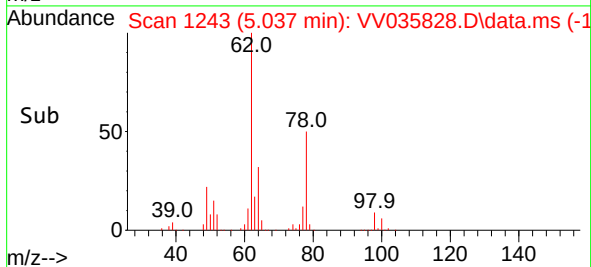
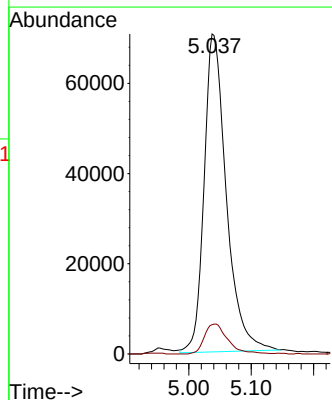
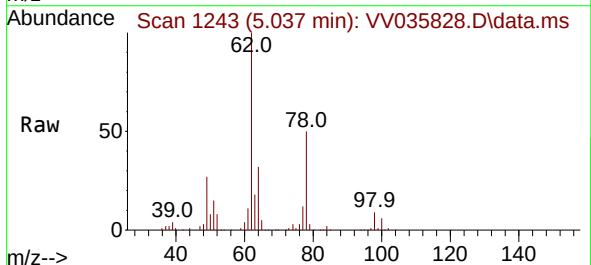
Manual Integrations
APPROVED

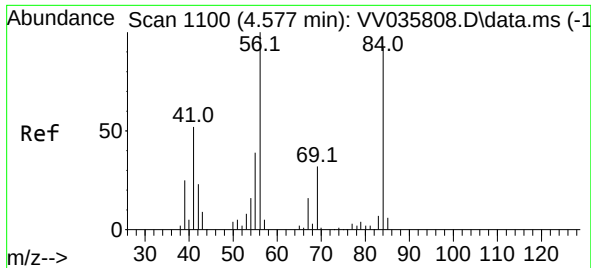
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#27
1,2-Dichloroethane
Concen: 34.327 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

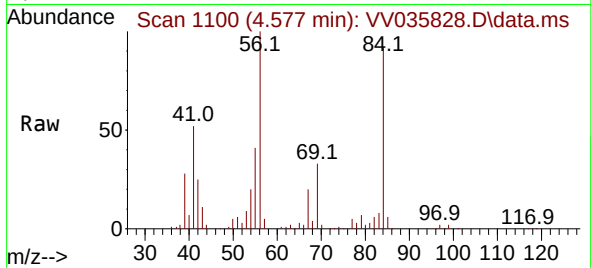
Tgt Ion: 62 Resp: 174954
Ion Ratio Lower Upper
62 100
98 9.2 8.2 12.2





#29
Cyclohexane
Concen: 28.423 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

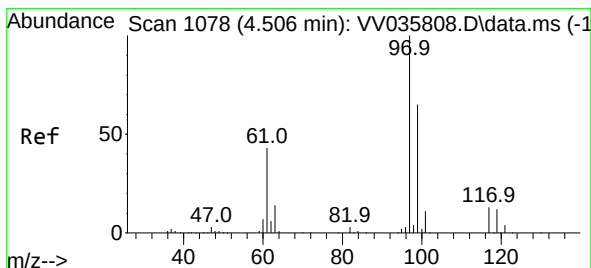
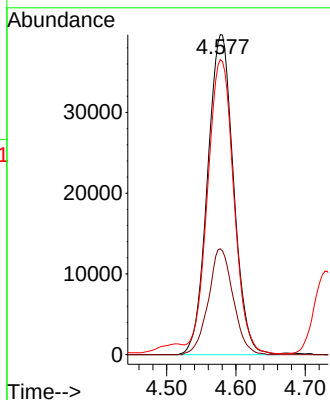
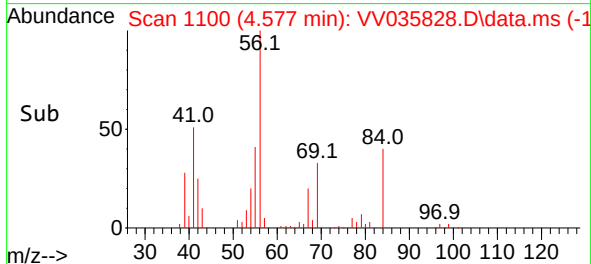
Instrument :
MSVOA_V
ClientSampleId :
A4D18MS



Tgt Ion: 56 Resp: 10333
Ion Ratio Lower Upper
56 100
69 31.6 25.6 38.4
84 92.5 74.8 112.2

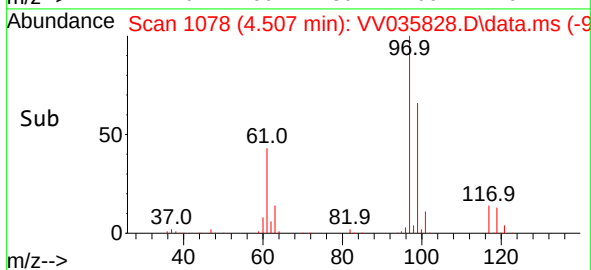
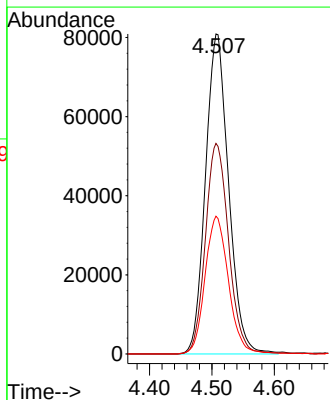
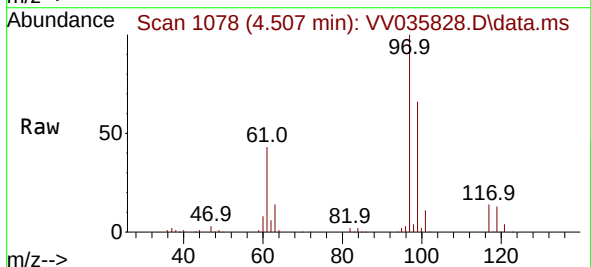
Manual Integrations
APPROVED

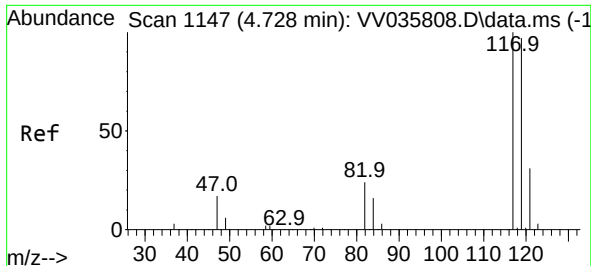
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#30
1,1,1-Trichloroethane
Concen: 49.497 ug/L
RT: 4.507 min Scan# 1078
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

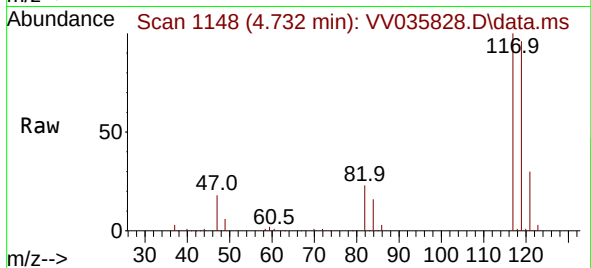
Tgt Ion: 97 Resp: 208644
Ion Ratio Lower Upper
97 100
99 66.0 51.7 77.5
61 43.6 33.5 50.3





#31
Carbon tetrachloride
Concen: 44.235 ug/L
RT: 4.732 min Scan# 1147
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

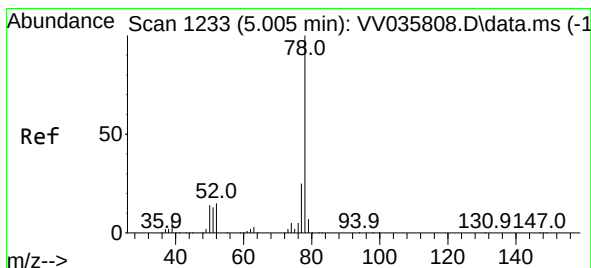
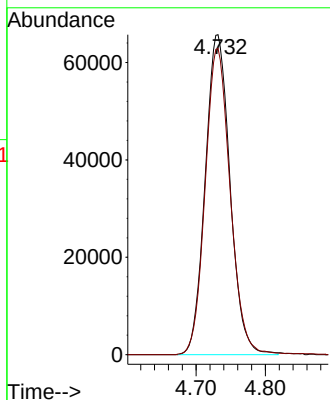
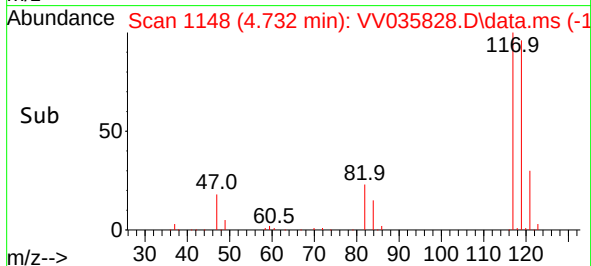
Instrument :
MSVOA_V
ClientSampleId :
A4D18MS



Tgt Ion:117 Resp: 163600
Ion Ratio Lower Upper
117 100
119 95.8 77.3 115.9

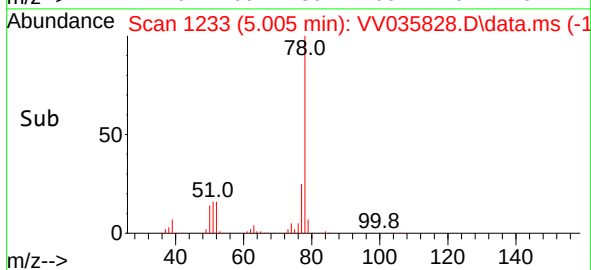
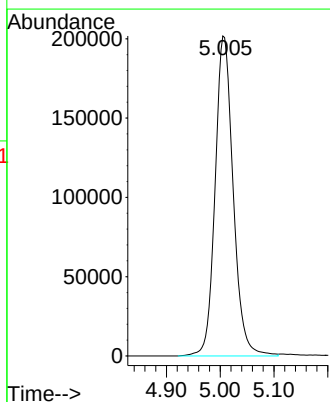
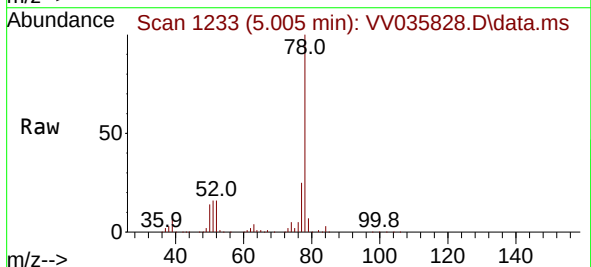
Manual Integrations
APPROVED

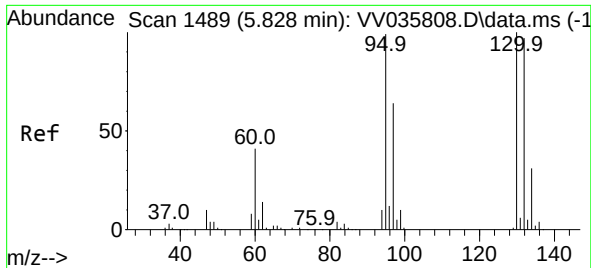
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#33
Benzene
Concen: 46.862 ug/L
RT: 5.005 min Scan# 1233
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

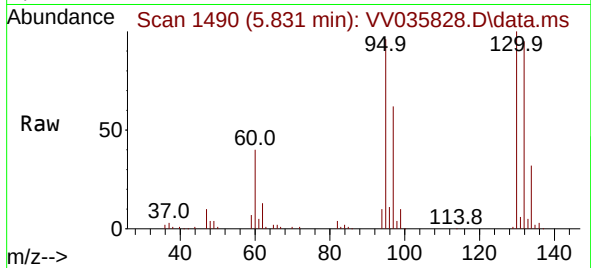
Tgt Ion: 78 Resp: 471508





#34
Trichloroethene
Concen: 36.899 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

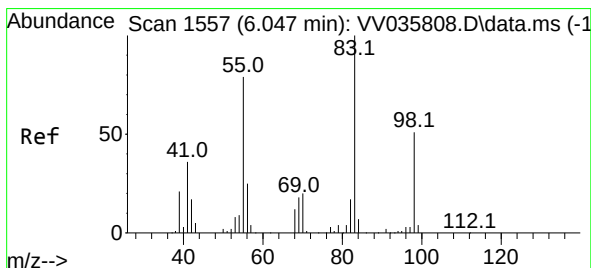
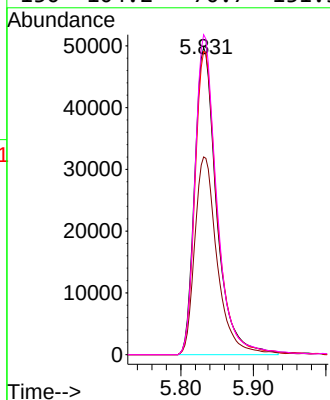
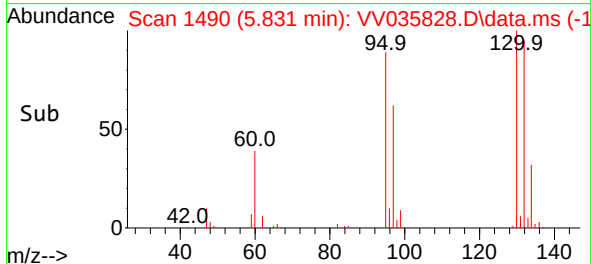
Instrument :
MSVOA_V
ClientSampleId :
A4D18MS



Tgt Ion: 95 Resp: 105019
Ion Ratio Lower Upper
95 100
97 64.4 43.8 81.4
132 98.7 67.1 124.7
130 104.2 70.7 131.3

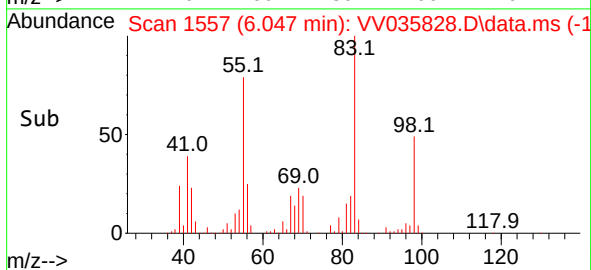
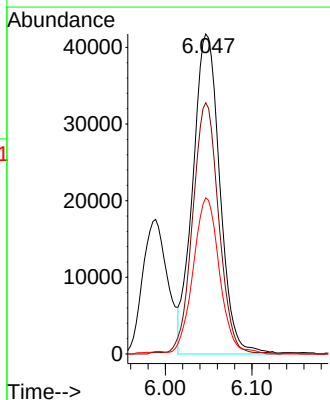
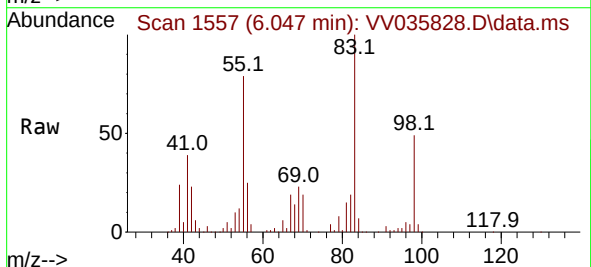
Manual Integrations
APPROVED

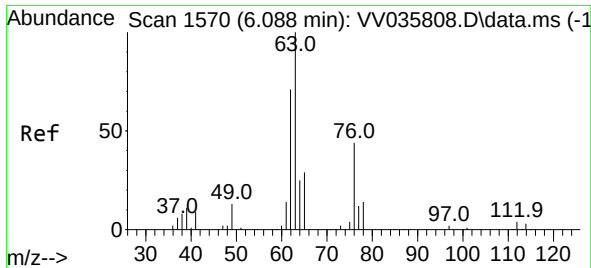
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#35
Methylcyclohexane
Concen: 20.904 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Tgt Ion: 83 Resp: 90327
Ion Ratio Lower Upper
83 100
55 74.9 57.5 86.3
98 47.8 38.6 58.0





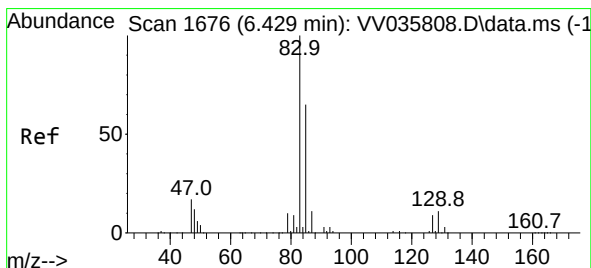
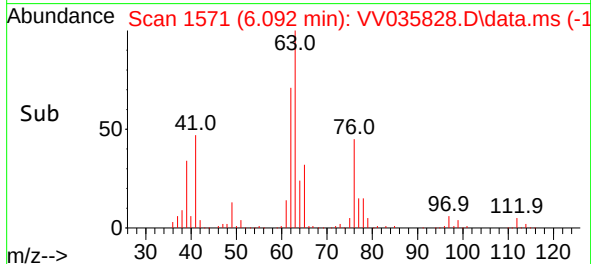
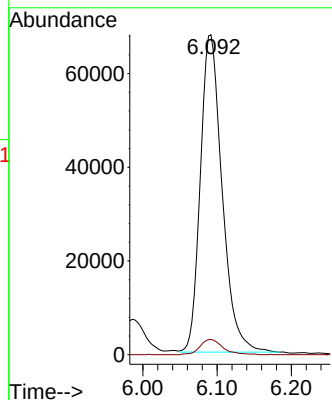
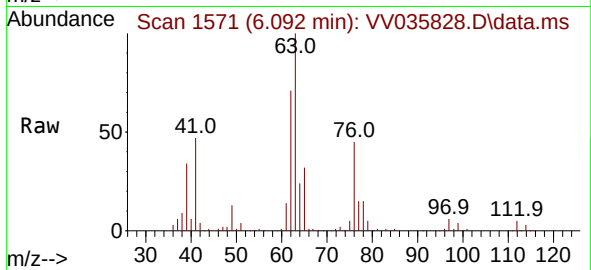
#37
1,2-Dichloropropane
Concen: 52.675 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
A4D18MS

Tgt Ion: 63 Resp: 138278
Ion Ratio Lower Upper
63 100
112 5.0 3.8 5.6

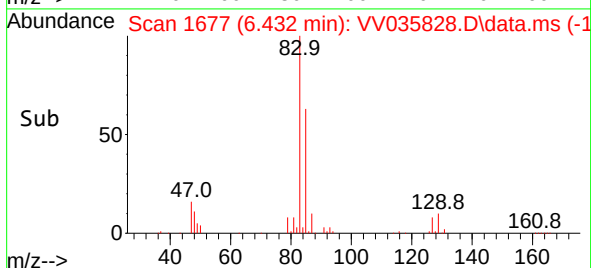
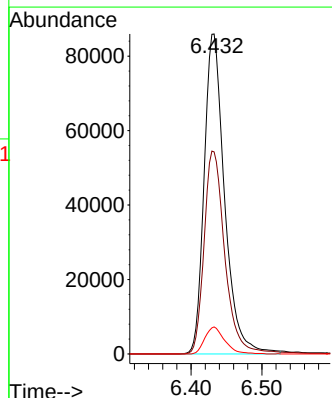
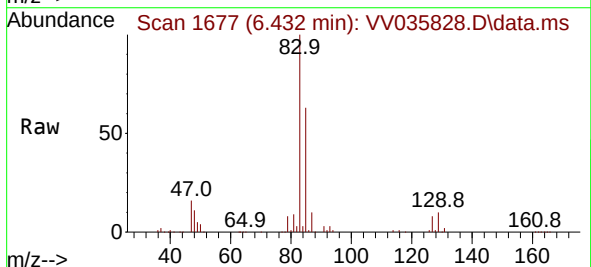
Manual Integrations
APPROVED

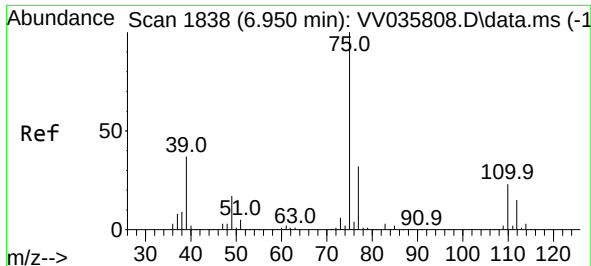
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#38
Bromodichloromethane
Concen: 48.457 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Tgt Ion: 83 Resp: 172322
Ion Ratio Lower Upper
83 100
85 63.1 45.1 83.9
127 8.4 7.0 10.6





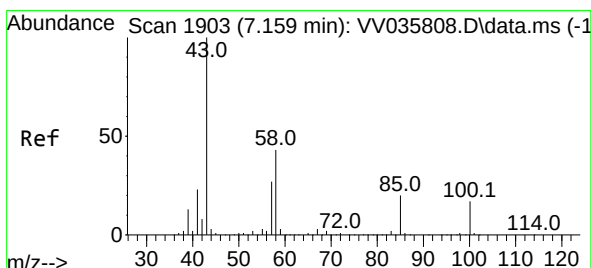
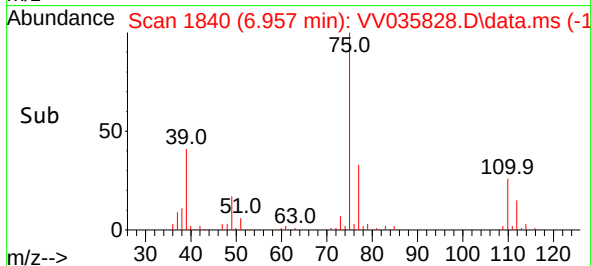
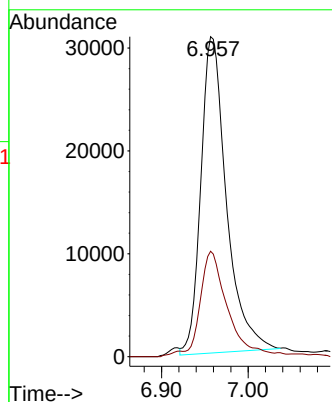
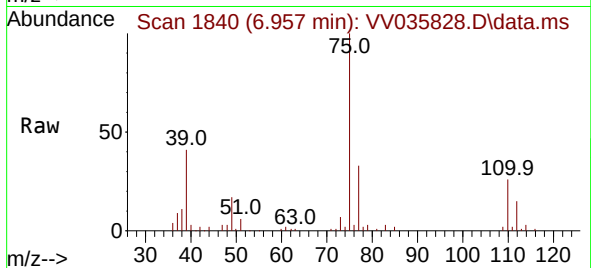
#39
cis-1,3-Dichloropropene
Concen: 15.373 ug/L
RT: 6.957 min Scan# 1838
Delta R.T. 0.006 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
A4D18MS

Tgt Ion: 75 Resp: 63120
Ion Ratio Lower Upper
75 100
77 33.0 22.5 41.9

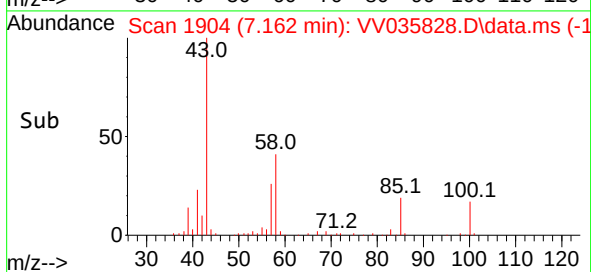
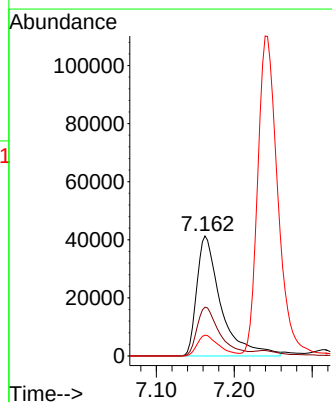
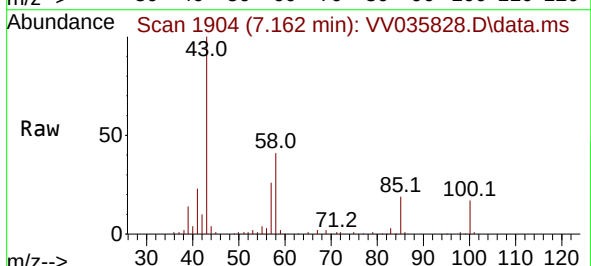
Manual Integrations
APPROVED

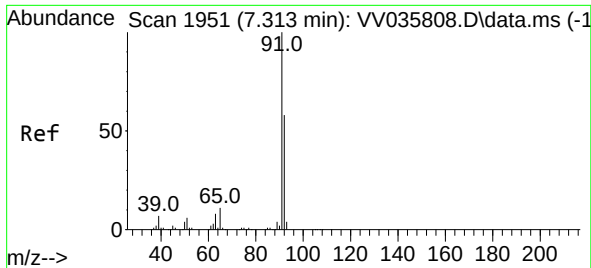
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#40
4-Methyl-2-pentanone
Concen: 56.630 ug/L
RT: 7.162 min Scan# 1904
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

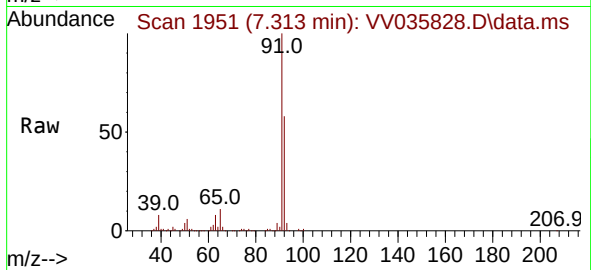
Tgt Ion: 43 Resp: 89032
Ion Ratio Lower Upper
43 100
58 38.7 34.8 52.2
100 15.6 13.9 20.9





#42
Toluene
Concen: 33.903 ug/L
RT: 7.313 min Scan# 1951
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

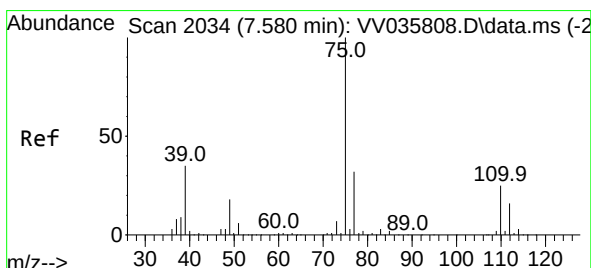
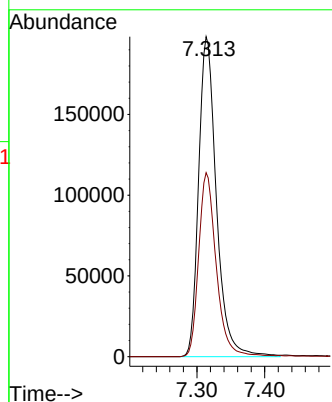
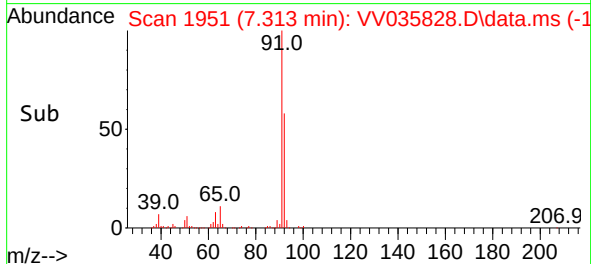
Instrument :
MSVOA_V
ClientSampleId :
A4D18MS



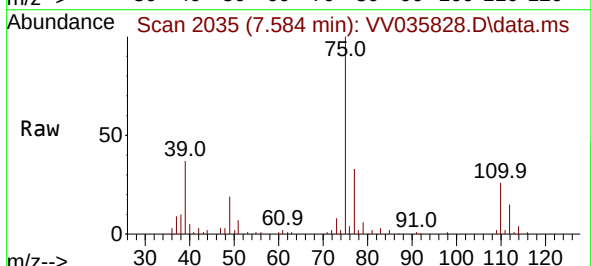
Tgt Ion: 91 Resp: 361002
Ion Ratio Lower Upper
91 100
92 57.5 40.2 74.6

Manual Integrations
APPROVED

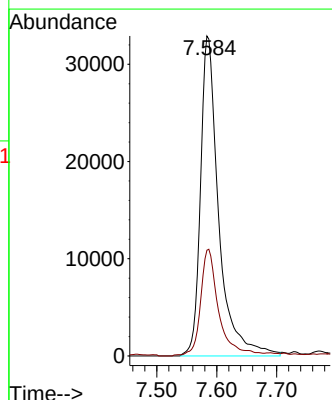
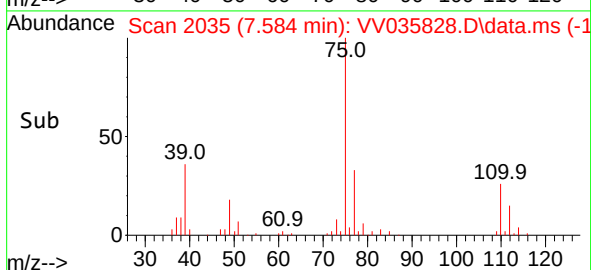
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

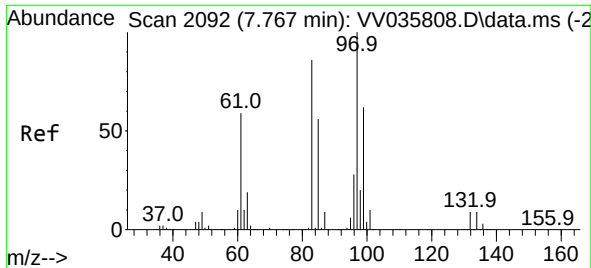


#44
trans-1,3-Dichloropropene
Concen: 19.403 ug/L
RT: 7.584 min Scan# 2035
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35



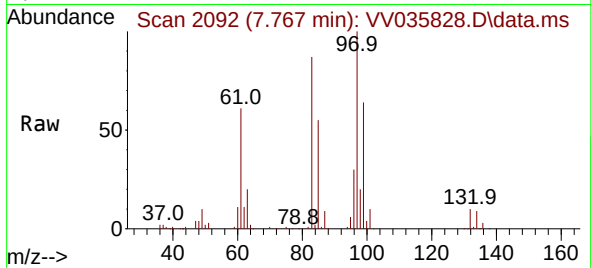
Tgt Ion: 75 Resp: 69691
Ion Ratio Lower Upper
75 100
77 33.1 22.4 41.6





#45
1,1,2-Trichloroethane
Concen: 50.289 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
A4D18MS

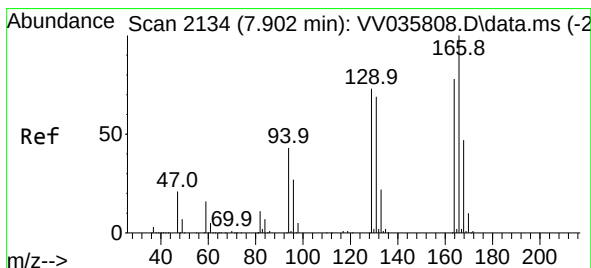
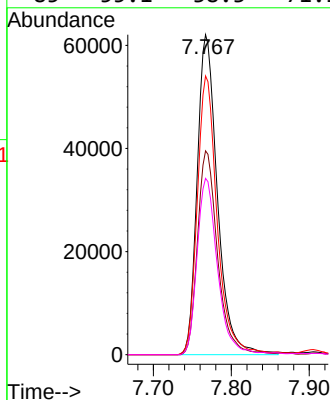
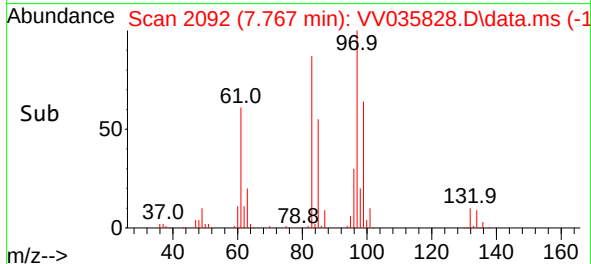


Tgt Ion: 97 Resp: 112168

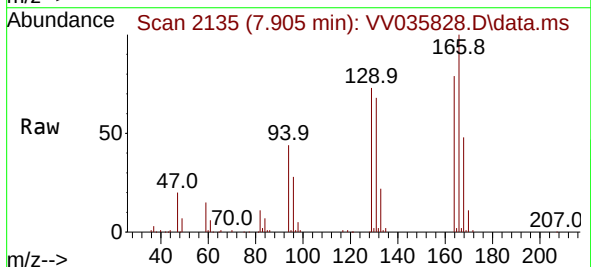
Ion	Ratio	Lower	Upper
97	100		
99	63.7	43.3	80.3
83	87.1	60.3	111.9
85	55.1	38.3	71.1

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

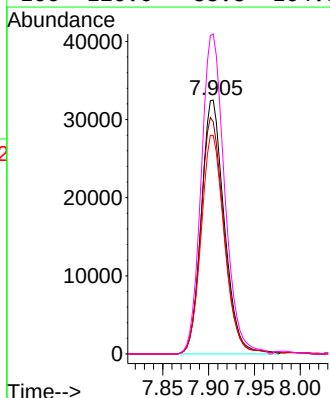
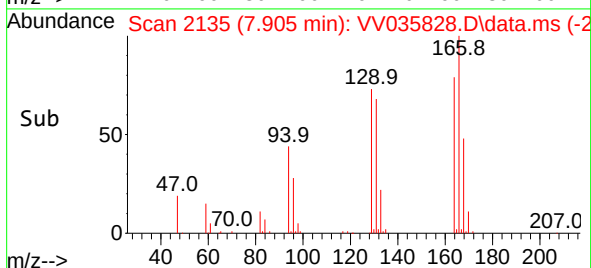


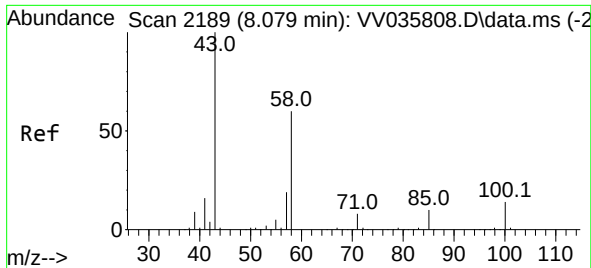
#46
Tetrachloroethene
Concen: 24.507 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35



Tgt Ion:164 Resp: 56666

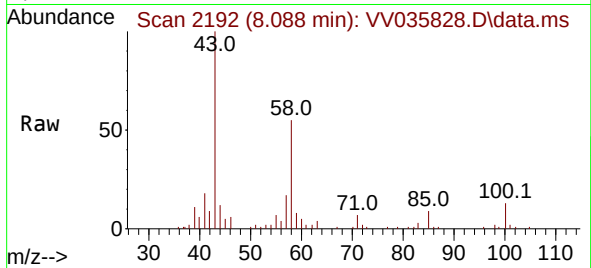
Ion	Ratio	Lower	Upper
164	100		
129	91.4	63.4	117.8
131	86.0	61.0	113.4
166	126.0	88.8	164.8





#48
2-Hexanone
Concen: 30.885 ug/L
RT: 8.088 min Scan# 2189
Delta R.T. 0.010 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

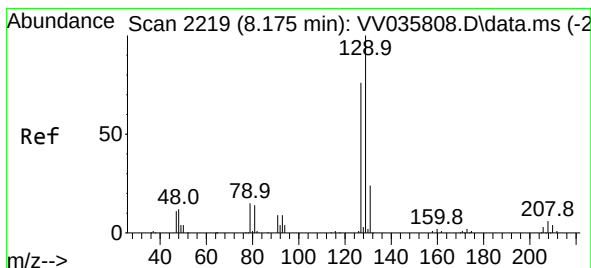
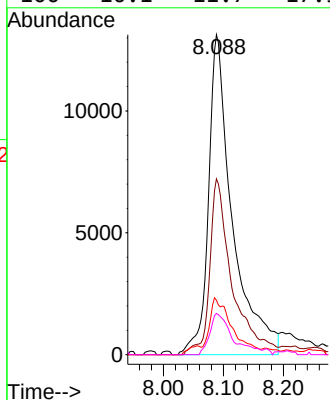
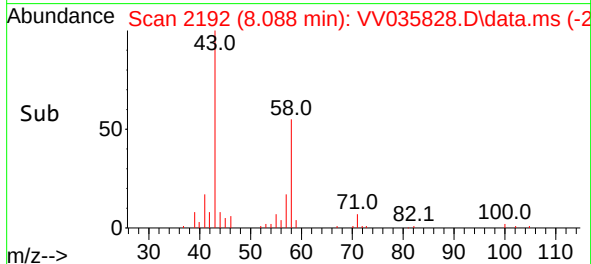
Instrument :
MSVOA_V
ClientSampleId :
A4D18MS



Tgt Ion: 43 Resp: 3640
Ion Ratio Lower Upper
43 100
58 49.1 48.8 73.2
57 6.2 16.9 25.3
100 10.1 11.7 17.5#

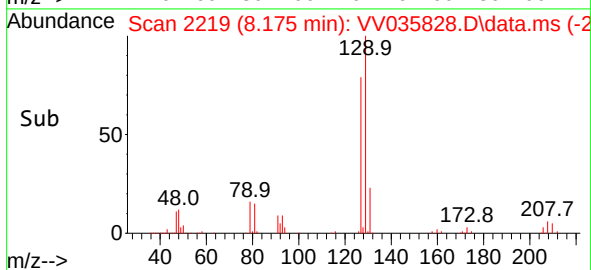
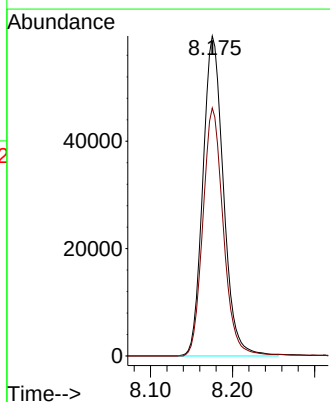
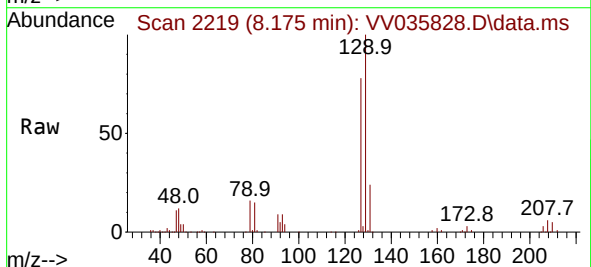
Manual Integrations
APPROVED

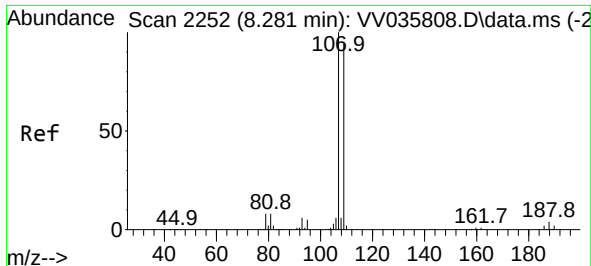
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#49
Dibromochloromethane
Concen: 41.323 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

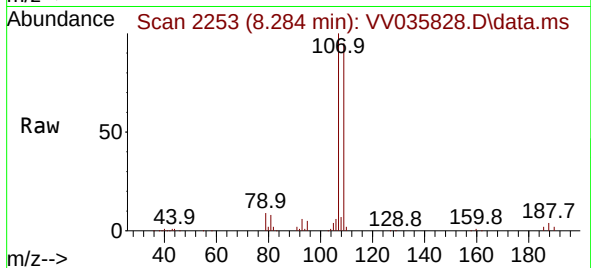
Tgt Ion:129 Resp: 104003
Ion Ratio Lower Upper
129 100
127 77.5 53.8 99.8





#50
1,2-Dibromoethane
Concen: 33.906 ug/L
RT: 8.284 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

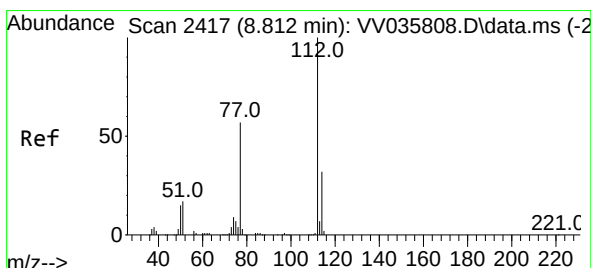
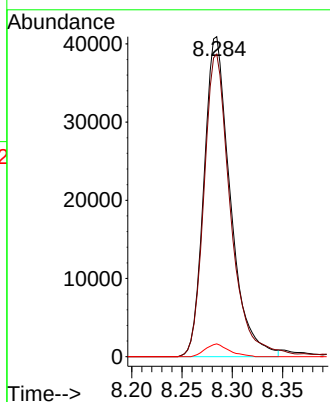
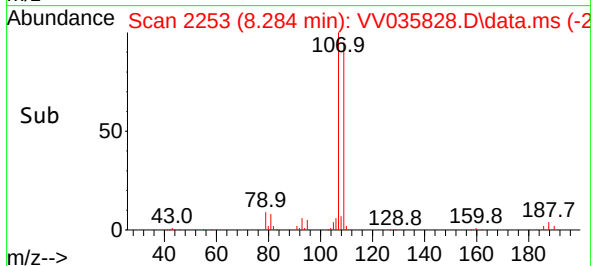
Instrument :
MSVOA_V
ClientSampleId :
A4D18MS



Tgt Ion:107 Resp: 7450
Ion Ratio Lower Upper
107 100
109 94.6 65.4 121.4
188 4.0 2.9 4.3

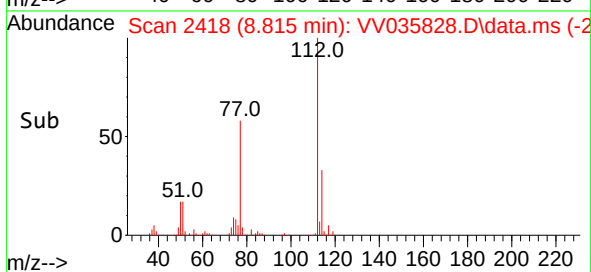
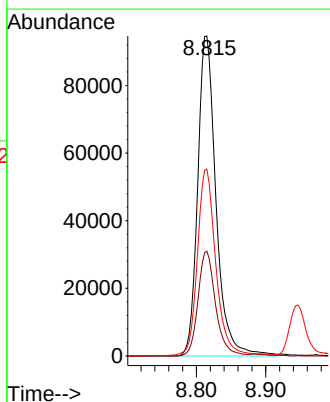
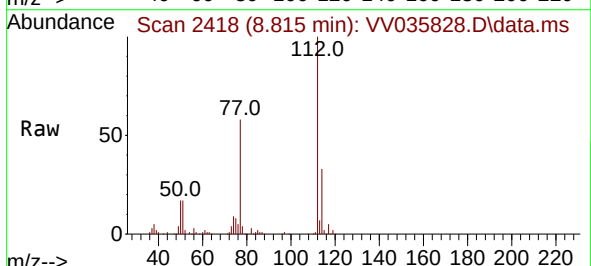
Manual Integrations
APPROVED

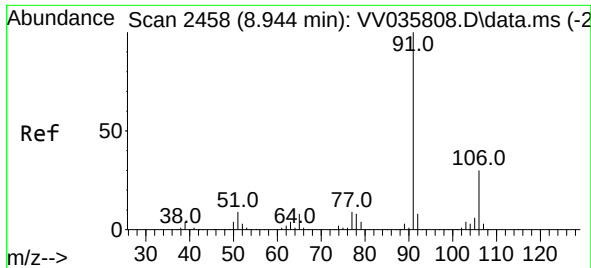
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#51
Chlorobenzene
Concen: 23.552 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

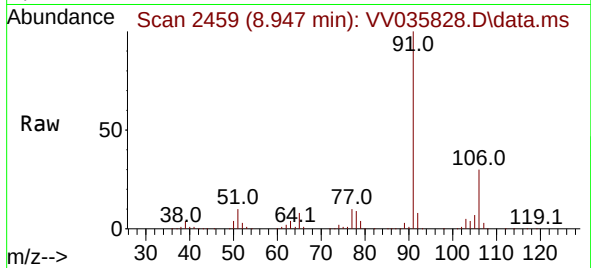
Tgt Ion:112 Resp: 174015
Ion Ratio Lower Upper
112 100
114 32.8 22.5 41.7
77 58.4 46.6 69.8





#52
Ethylbenzene
Concen: 20.921 ug/L
RT: 8.947 min Scan# 2459
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

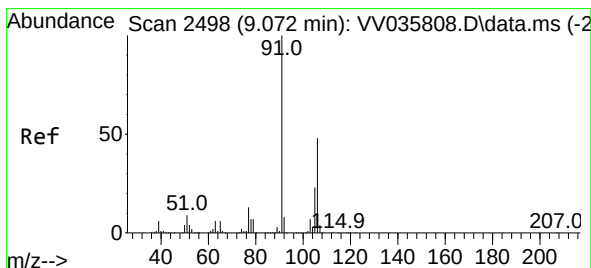
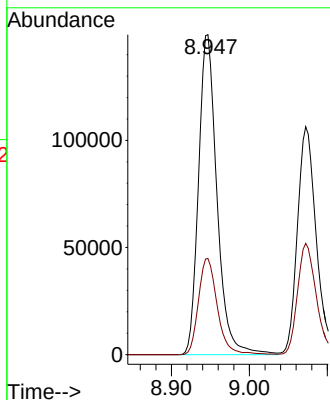
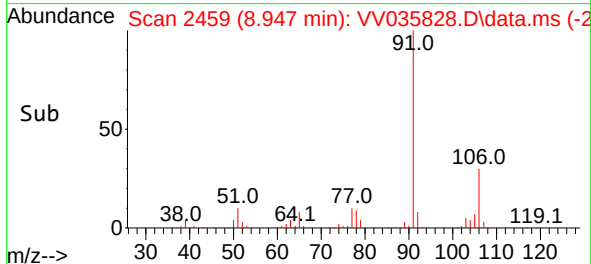
Instrument :
MSVOA_V
ClientSampleId :
A4D18MS



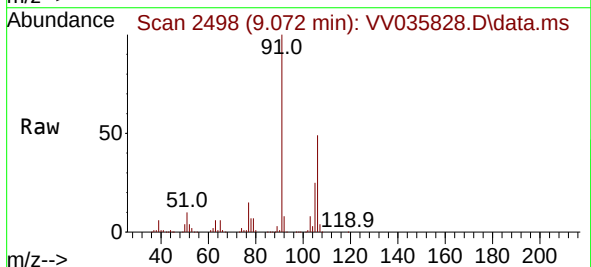
Tgt Ion: 91 Resp: 245962
Ion Ratio Lower Upper
91 100
106 30.1 21.7 40.3

Manual Integrations
APPROVED

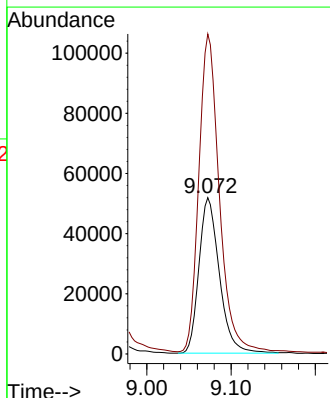
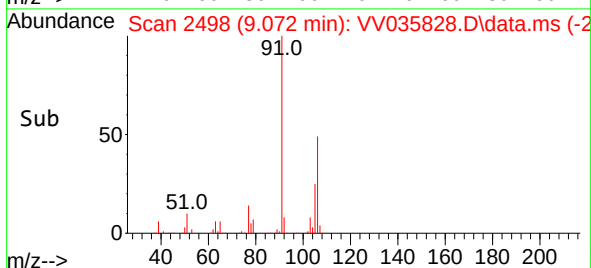
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

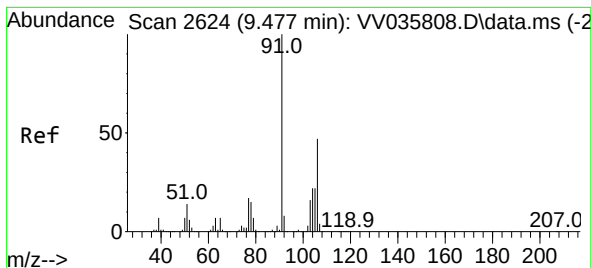


#53
m,p-Xylene
Concen: 19.615 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35



Tgt Ion:106 Resp: 87489
Ion Ratio Lower Upper
106 100
91 204.7 142.7 264.9





#54

o-Xylene

Concen: 20.121 ug/L

RT: 9.477 min Scan# 2624

Delta R.T. 0.000 min

Lab File: VV035828.D

Acq: 26 May 2024 03:35

Instrument :

MSVOA_V

ClientSampleId :

A4D18MS

Tgt Ion:106 Resp: 8506

Ion Ratio Lower Upper

106 100

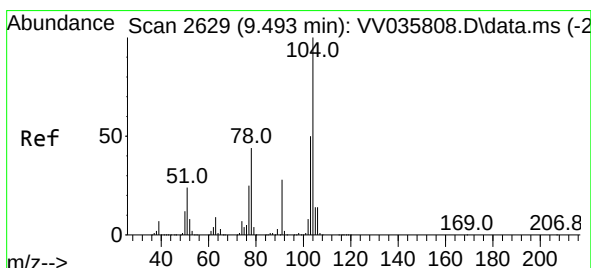
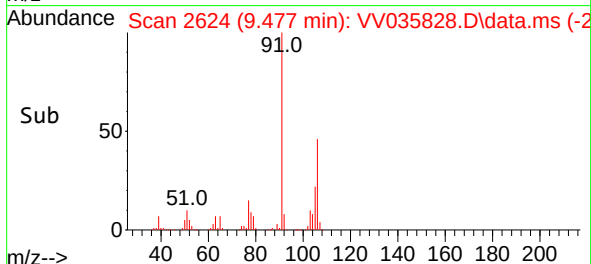
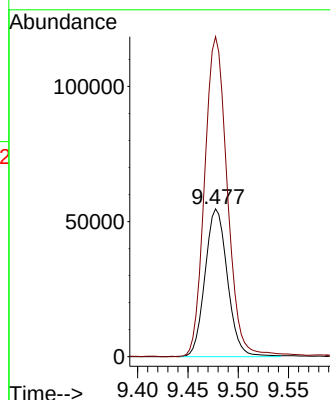
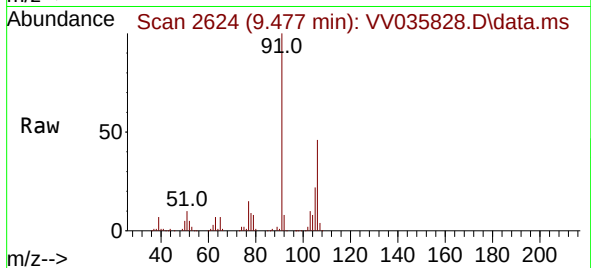
91 216.4 150.9 280.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/28/2024

Supervised By :Mahesh Dadoda 05/28/2024



#55

Styrene

Concen: 13.998 ug/L

RT: 9.497 min Scan# 2630

Delta R.T. 0.003 min

Lab File: VV035828.D

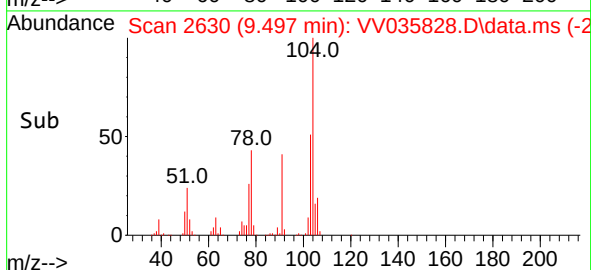
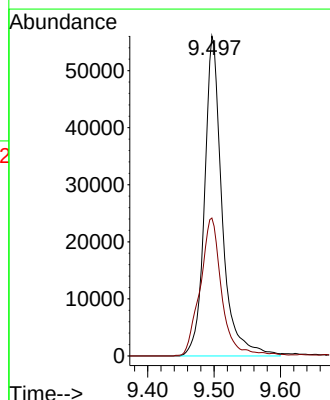
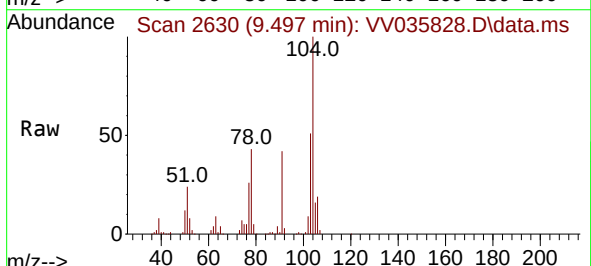
Acq: 26 May 2024 03:35

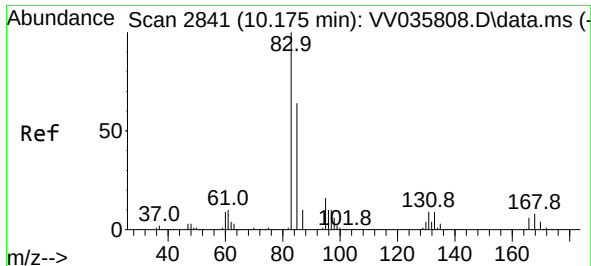
Tgt Ion:104 Resp: 103211

Ion Ratio Lower Upper

104 100

78 43.1 30.0 55.6





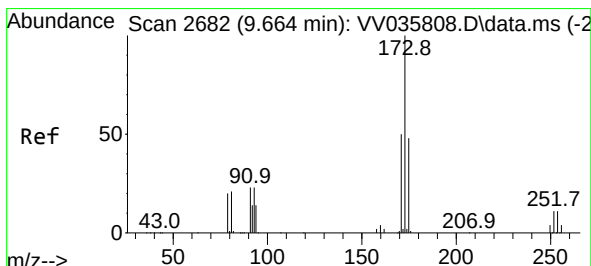
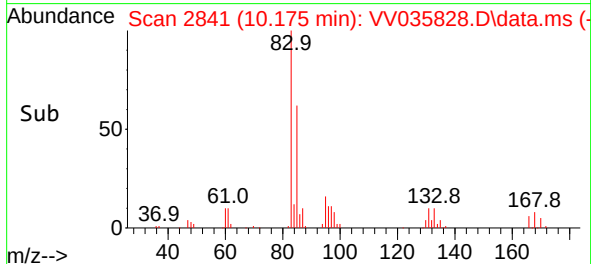
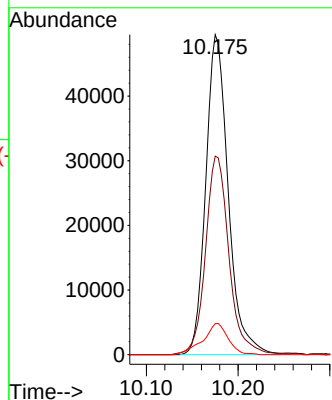
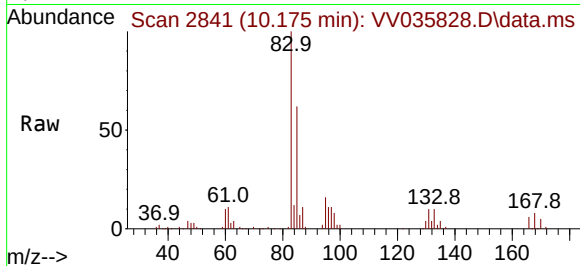
#57
1,1,2,2-Tetrachloroethane
Concen: 31.017 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument : MSVOA_V
ClientSampleId : A4D18MS

Tgt Ion: 83 Resp: 84275
Ion Ratio Lower Upper
83 100
85 62.0 44.7 83.1
131 9.7 8.0 12.0

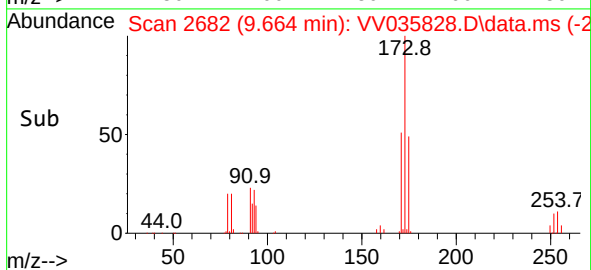
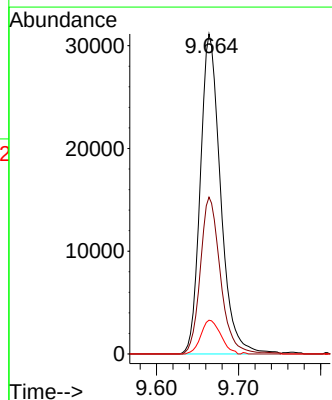
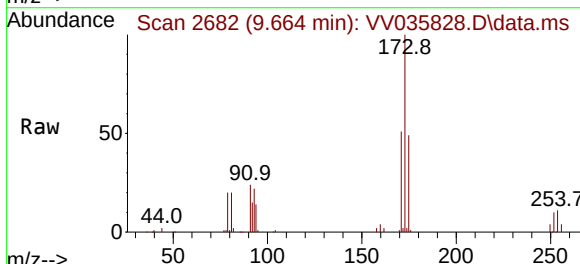
Manual Integrations
APPROVED

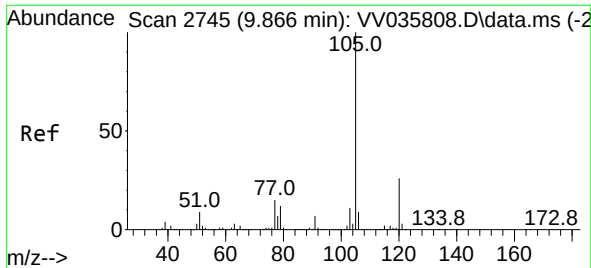
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#59
Bromoform
Concen: 73.334 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

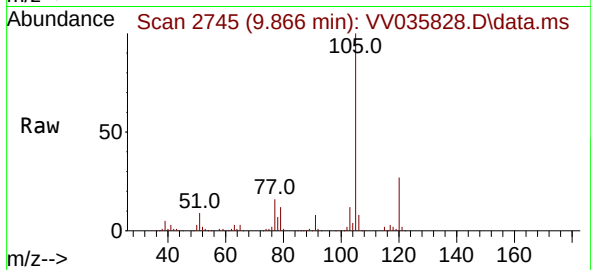
Tgt Ion:173 Resp: 53397
Ion Ratio Lower Upper
173 100
175 48.4 38.7 58.1
254 10.4 8.3 12.5





#60
Isopropylbenzene
Concen: 38.359 ug/L
RT: 9.866 min Scan# 2745
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

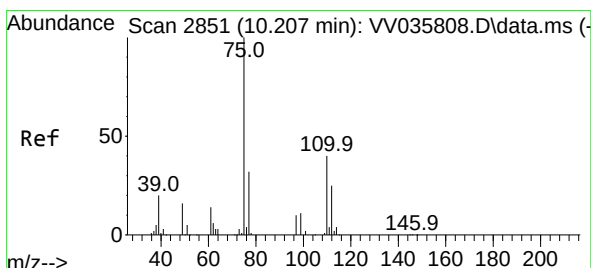
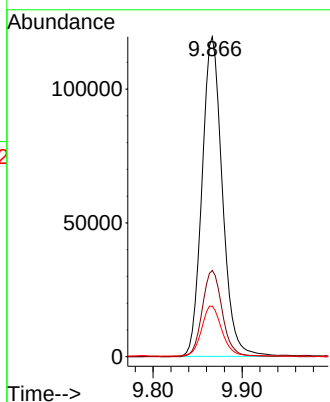
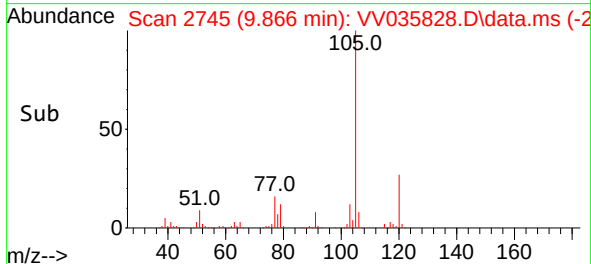
Instrument :
MSVOA_V
ClientSampleId :
A4D18MS



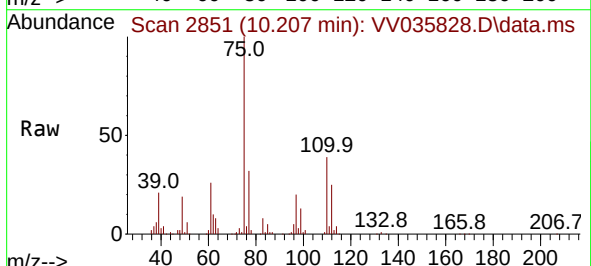
Tgt Ion:105 Resp: 189318
Ion Ratio Lower Upper
105 100
120 26.7 21.3 31.9
77 15.6 12.2 18.2

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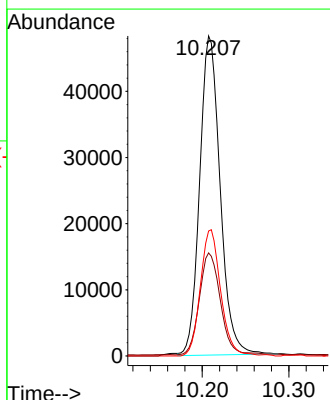
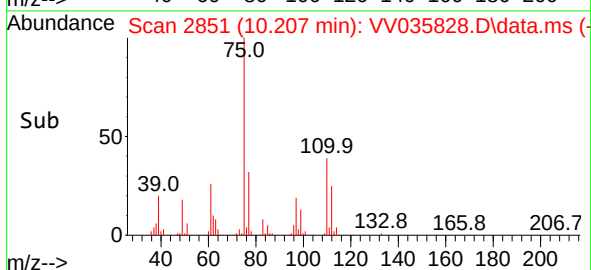
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

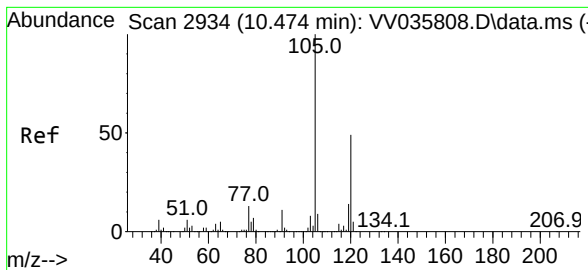


#61
1,2,3-Trichloropropane
Concen: 91.317 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35



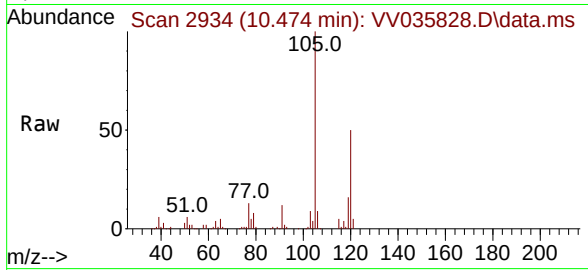
Tgt Ion: 75 Resp: 79283
Ion Ratio Lower Upper
75 100
77 32.8 25.7 38.5
110 39.2 31.8 47.8





#62
1,3,5-Trimethylbenzene
Concen: 26.226 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

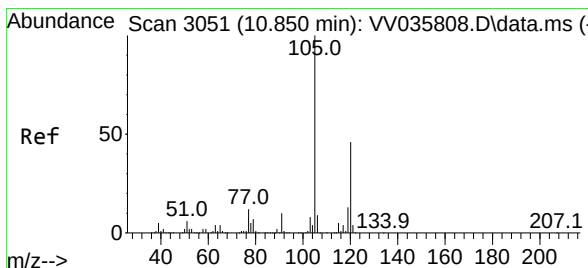
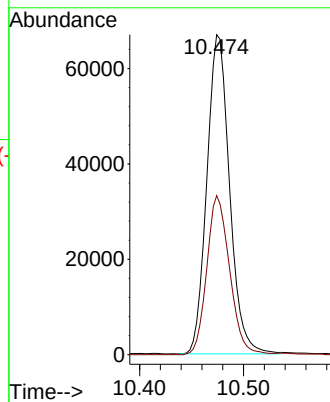
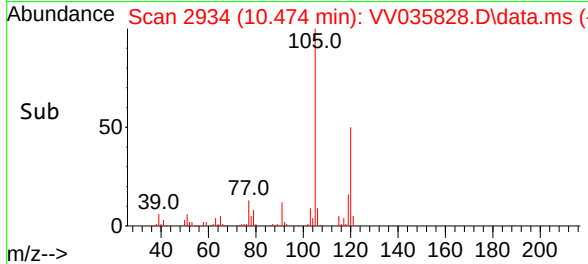
Instrument :
MSVOA_V
ClientSampleId :
A4D18MS



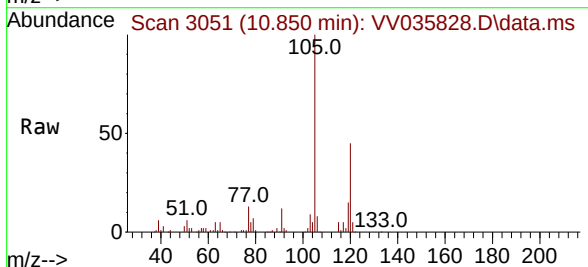
Tgt Ion:105 Resp: 101540
Ion Ratio Lower Upper
105 100
120 50.0 39.4 59.0

Manual Integrations
APPROVED

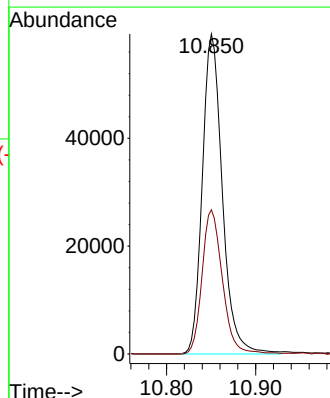
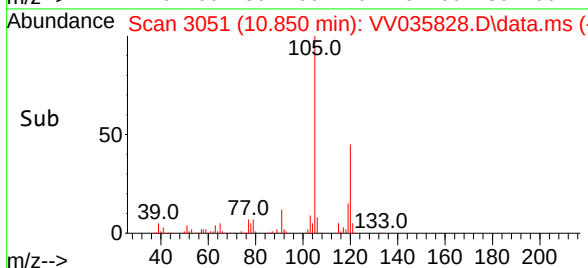
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

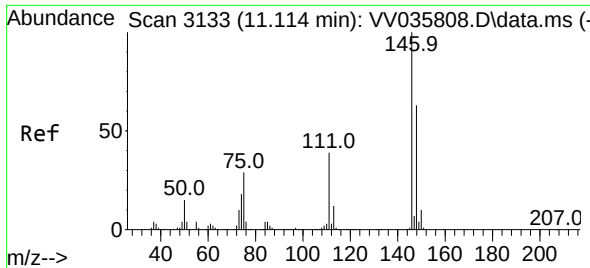


#63
1,2,4-Trimethylbenzene
Concen: 23.327 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35



Tgt Ion:105 Resp: 92812
Ion Ratio Lower Upper
105 100
120 45.5 36.6 55.0





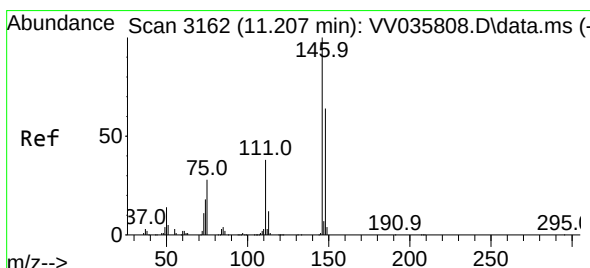
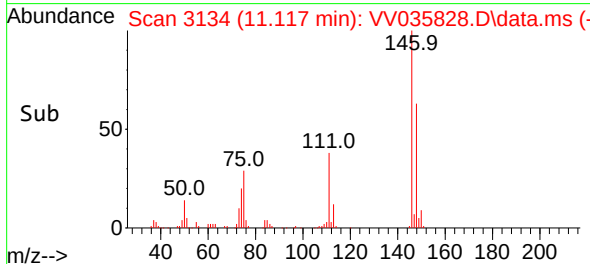
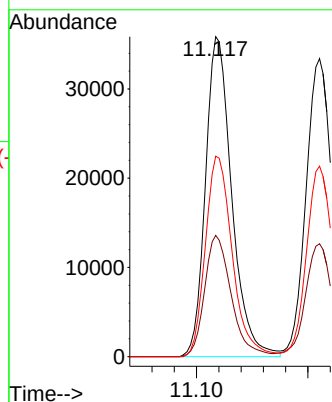
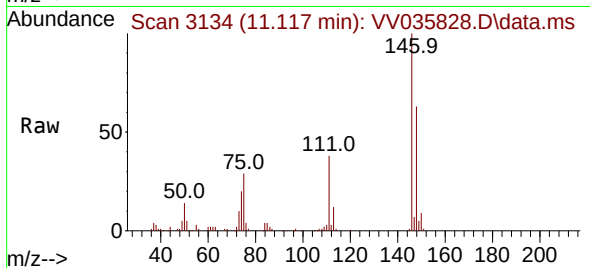
#64
1,3-Dichlorobenzene
Concen: 22.717 ug/L
RT: 11.117 min Scan# 3133
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
A4D18MS

Tgt Ion:146 Resp: 58839
Ion Ratio Lower Upper
146 100
111 37.9 27.0 50.2
148 62.6 44.3 82.3

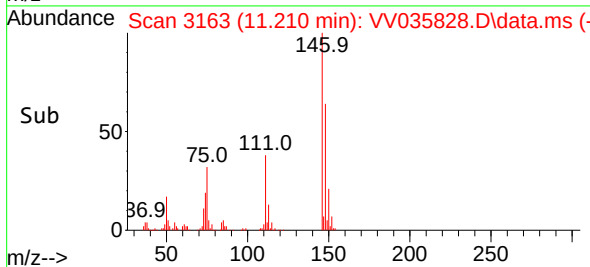
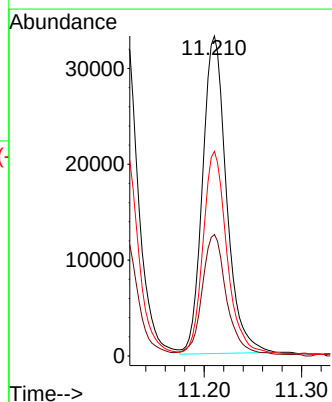
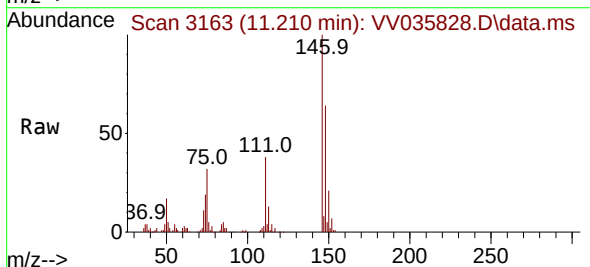
Manual Integrations
APPROVED

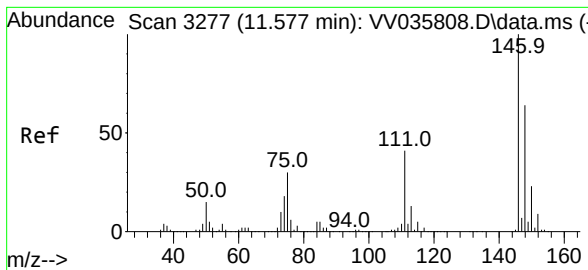
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#65
1,4-Dichlorobenzene
Concen: 21.098 ug/L
RT: 11.210 min Scan# 3163
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Tgt Ion:146 Resp: 56573
Ion Ratio Lower Upper
146 100
111 37.9 26.2 48.6
148 64.0 44.9 83.3





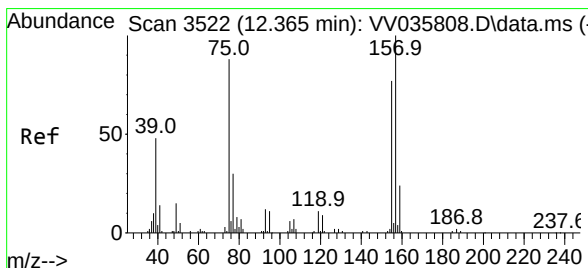
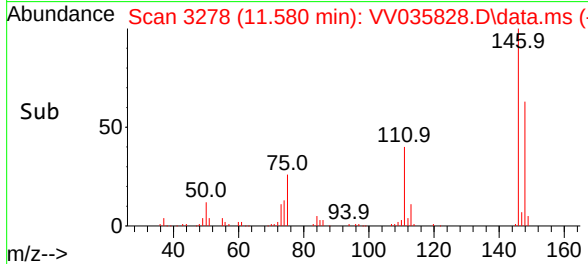
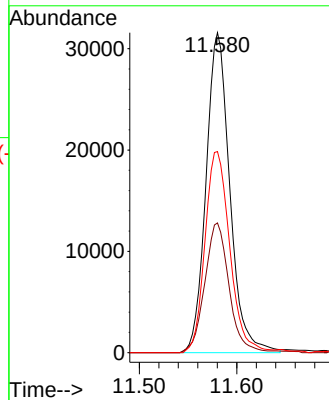
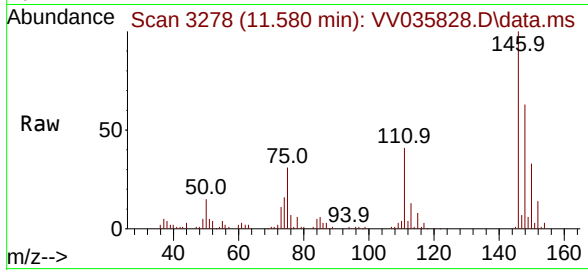
#67
1,2-Dichlorobenzene
Concen: 21.991 ug/L
RT: 11.580 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

Instrument :
MSVOA_V
ClientSampleId :
A4D18MS

Tgt Ion:146 Resp: 5361
Ion Ratio Lower Upper
146 100
111 40.6 32.6 48.8
148 62.9 51.1 76.7

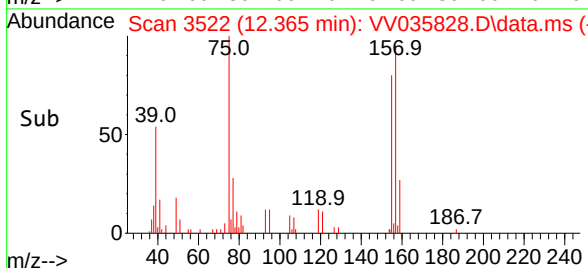
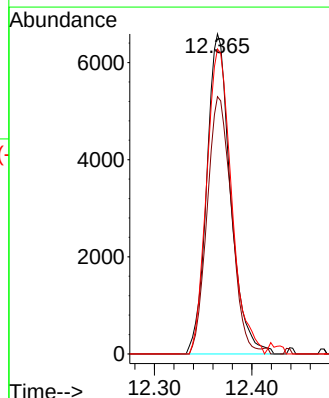
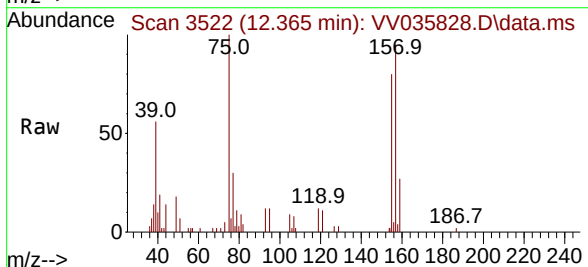
Manual Integrations
APPROVED

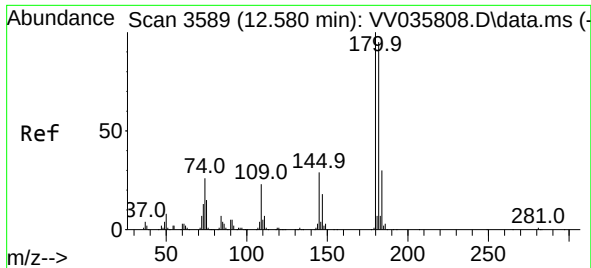
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 55.582 ug/L
RT: 12.365 min Scan# 3522
Delta R.T. 0.000 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

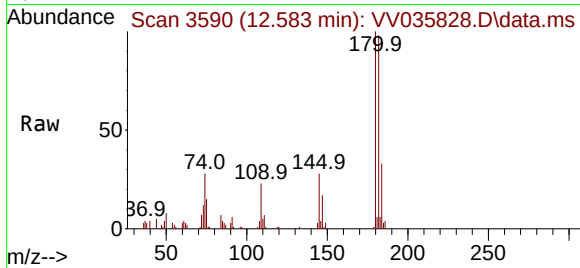
Tgt Ion: 75 Resp: 11192
Ion Ratio Lower Upper
75 100
155 80.4 69.8 104.6
157 95.3 95.0 142.6





#69
1,3,5-Trichlorobenzene
Concen: 10.564 ug/L
RT: 12.583 min Scan# 3589
Delta R.T. 0.003 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35

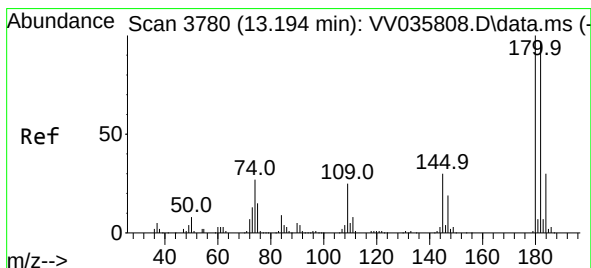
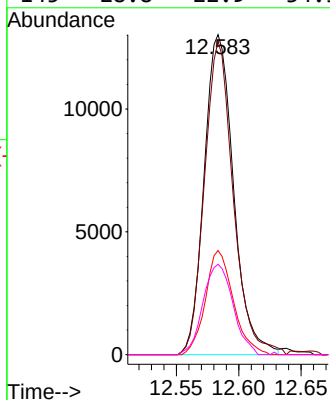
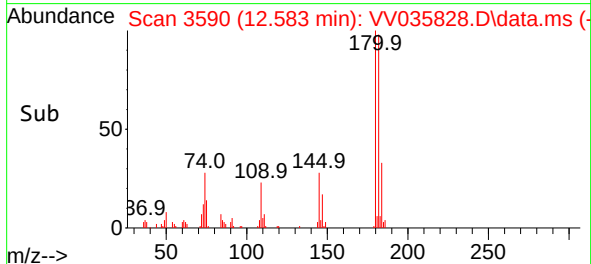
Instrument :
MSVOA_V
ClientSampleId :
A4D18MS



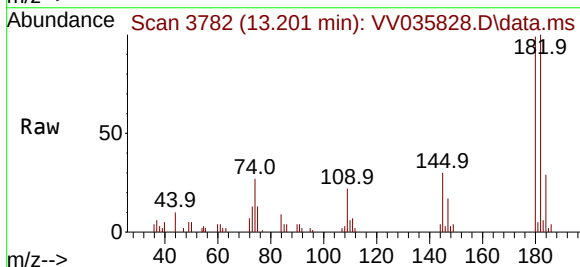
Tgt Ion:180 Resp: 2138
Ion Ratio Lower Upper
180 100
182 95.5 76.2 114.2
184 31.0 24.1 36.1
145 28.8 22.9 34.3

Manual Integrations
APPROVED

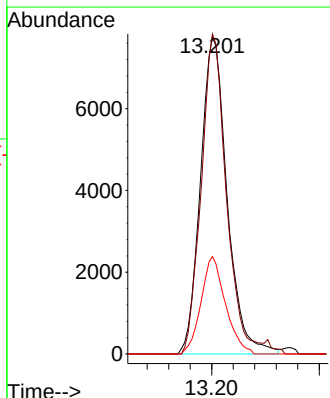
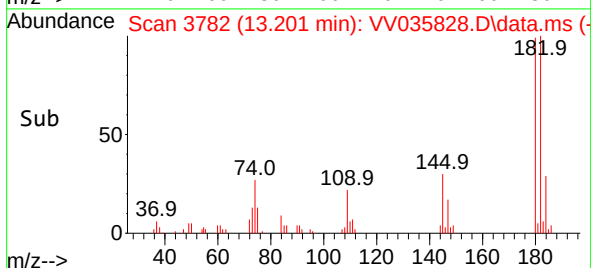
Reviewed By :Semsettin Yesilyurt 05/28/2024
Supervised By :Mahesh Dadoda 05/28/2024

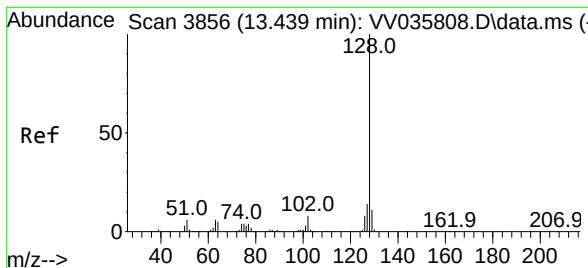


#70
1,2,4-trichlorobenzene
Concen: 7.881 ug/L
RT: 13.201 min Scan# 3782
Delta R.T. 0.007 min
Lab File: VV035828.D
Acq: 26 May 2024 03:35



Tgt Ion:180 Resp: 13320
Ion Ratio Lower Upper
180 100
182 94.9 76.6 114.8
145 28.1 23.2 34.8





#71

Naphthalene

Concen: 9.660 ug/L

RT: 13.442 min Scan# 3856

Delta R.T. 0.003 min

Lab File: VV035828.D

Acq: 26 May 2024 03:35

Instrument :

MSVOA_V

ClientSampleId :

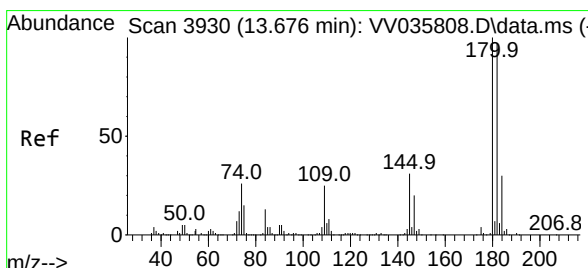
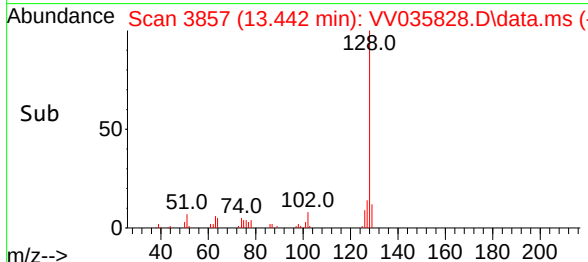
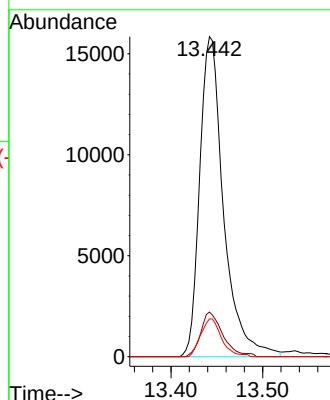
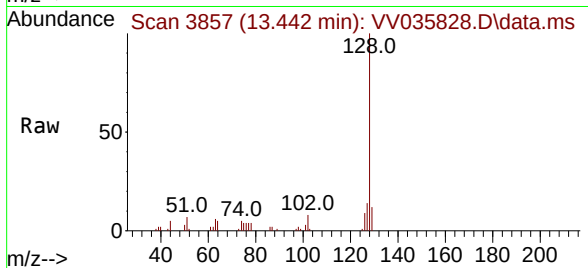
A4D18MS

Tgt Ion:	128	Resp:	2866
Ion Ratio	Lower	Upper	
128	100		
127	12.9	10.4	15.6
129	10.2	8.6	13.0

Manual Integrations

APPROVED

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



#72

1,2,3-Trichlorobenzene

Concen: 7.119 ug/L

RT: 13.683 min Scan# 3932

Delta R.T. 0.006 min

Lab File: VV035828.D

Acq: 26 May 2024 03:35

Tgt Ion:	180	Resp:	10824
Ion Ratio	Lower	Upper	
180	100		
182	94.3	75.8	113.6
145	28.9	25.2	37.8

