

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060624\
 Data File : VV035999.D
 Acq On : 06 Jun 2024 20:04
 Operator : SY/MD
 Sample : P2754-07MSD
 Misc : 5.47g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BP6MSD

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

Quant Time: Jun 08 02:21:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 08 00:30:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	343262	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	325870	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	165710	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	179994	28.521	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.080%
7) Chloroethane-d5	1.529	69	140523	27.925	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	111.720%
11) 1,1-Dichloroethene-d2	2.053	65	77888	27.724	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	110.880%#
21) 2-Butanone-d5	3.822	46	93370	64.484	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.960%
24) Chloroform-d	4.246	84	288329	26.421	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.680%
26) 1,2-Dichloroethane-d4	4.941	65	147246	25.734	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.920%
32) Benzene-d6	4.957	84	579070	29.895	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	119.560%
36) 1,2-Dichloropropane-d6	5.986	67	170691	27.982	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	111.920%
41) Toluene-d8	7.240	98	516332	30.210	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.840%
43) trans-1,3-Dichloroprop...	7.555	79	70507	28.190	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	112.760%
47) 2-Hexanone-d5	8.031	63	62124	75.169	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	150.340%#
56) 1,1,2,2-Tetrachloroeth...	10.149	84	130667	28.666	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.680%
66) 1,2-Dichlorobenzene-d4	11.558	152	168284	27.693	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	110.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	171050	27.636	ug/L	100
3) Chloromethane	1.214	50	187672	26.421	ug/L	100
5) Vinyl chloride	1.278	62	213380	28.535	ug/L	100
6) Bromomethane	1.484	94	117785	25.390	ug/L	99
8) Chloroethane	1.545	64	125563	27.014	ug/L	98
9) Trichlorofluoromethane	1.709	101	278824	30.025	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	177834	30.174	ug/L	99
12) 1,1-Dichloroethene	2.063	96	153461	27.918	ug/L	92
13) Acetone	2.140	43	107447m	47.638	ug/L	
14) Carbon disulfide	2.233	76	506572	26.538	ug/L	100
15) Methyl Acetate	2.384	43	81800	29.178	ug/L	100
16) Methylene chloride	2.442	84	184137	23.707	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	158409	27.129	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	348160	26.560	ug/L	100
19) 1,1-Dichloroethane	3.108	63	295708	26.593	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	153518	26.165	ug/L	99
22) 2-Butanone	3.899	43	101463	53.016	ug/L #	70
23) Bromochloromethane	4.146	128	72990	24.801	ug/L	96
25) Chloroform	4.272	83	290827	25.425	ug/L	99

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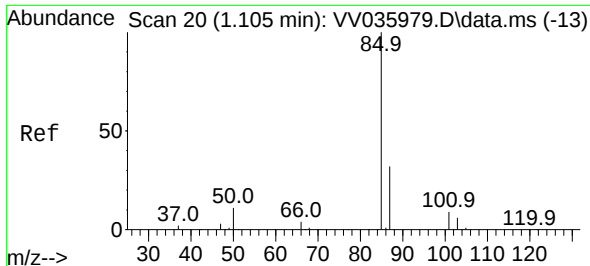
Manual Integrations
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Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

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 Quant Title : VOC Analysis
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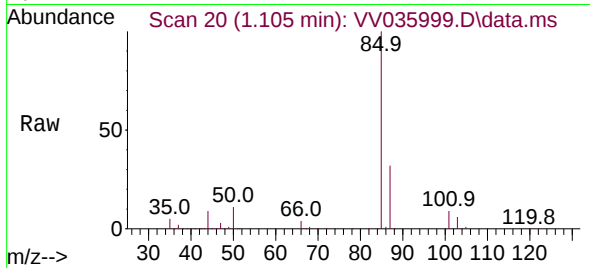
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	181817	25.460	ug/L	100
29) Cyclohexane	4.577	56	268722	34.634	ug/L	99
30) 1,1,1-Trichloroethane	4.507	97	267993	30.082	ug/L	99
31) Carbon tetrachloride	4.732	117	239712	30.671	ug/L	100
33) Benzene	5.005	78	619344	29.060	ug/L	100
34) Trichloroethene	5.831	95	196587	30.096	ug/L	99
35) Methylcyclohexane	6.047	83	310005	34.318	ug/L	99
37) 1,2-Dichloropropane	6.092	63	158030	28.238	ug/L	99
38) Bromodichloromethane	6.429	83	200736	27.100	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	224530	26.825	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	200621	65.983	ug/L	98
42) Toluene	7.314	91	659520	30.284	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	197139	27.267	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	125026	27.001	ug/L	99
46) Tetrachloroethene	7.902	164	139787	29.260	ug/L	99
48) 2-Hexanone	8.079	43	153083	64.401	ug/L	99
49) Dibromochloromethane	8.175	129	135269	26.692	ug/L	99
50) 1,2-Dibromoethane	8.281	107	123842	27.873	ug/L	99
51) Chlorobenzene	8.812	112	403738	27.209	ug/L	100
52) Ethylbenzene	8.944	91	691127	29.662	ug/L	100
53) m,p-Xylene	9.072	106	261119	29.825	ug/L	99
54) o-Xylene	9.477	106	237703	28.791	ug/L	98
55) Styrene	9.493	104	424831	29.179	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	110156	26.568	ug/L	97
59) Bromoform	9.664	173	90654	29.009	ug/L	99
60) Isopropylbenzene	9.863	105	696852	32.778	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	123112	31.413	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	475090	30.818	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	514177	30.956	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	317037	28.396	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	319457	27.721	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	295296	28.107	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	29477	33.635	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	224219	26.848	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	182060	27.687	ug/L	100
71) Naphthalene	13.439	128	352351	32.834	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	175960	29.324	ug/L	98

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



#2
Dichlorodifluoromethane
Concen: 27.636 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

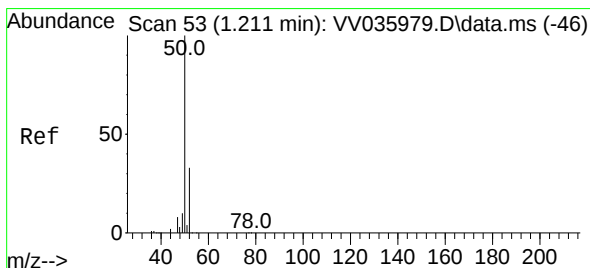
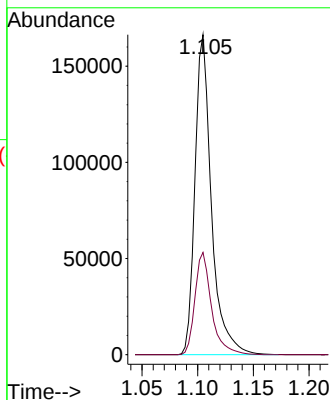
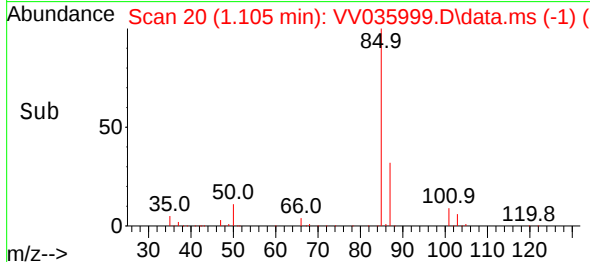
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



Tgt Ion: 85 Resp: 171050
Ion Ratio Lower Upper
85 100
87 32.2 25.9 38.9

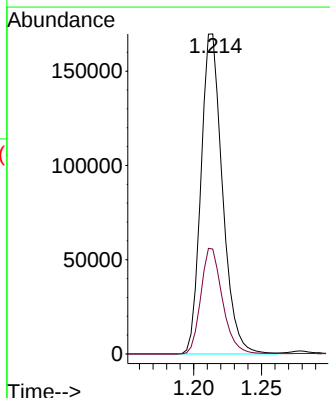
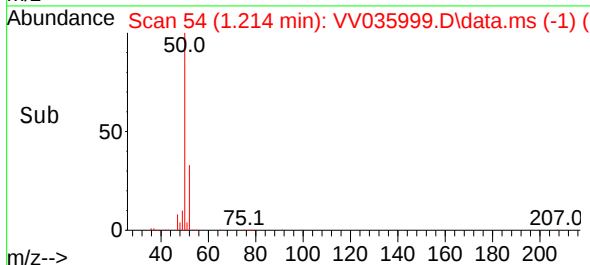
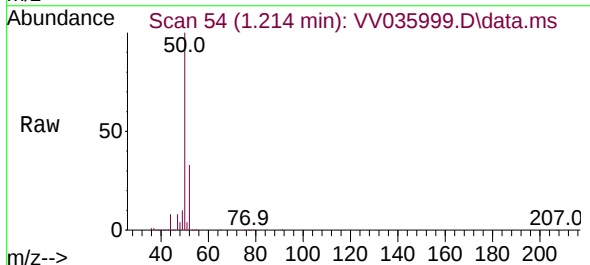
Manual Integrations
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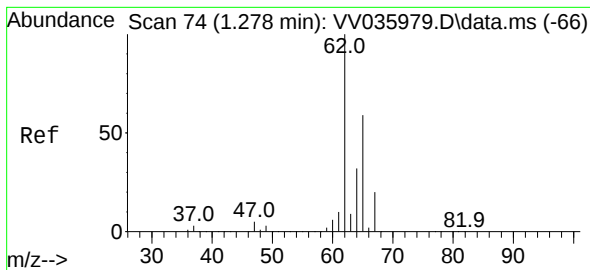
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#3
Chloromethane
Concen: 26.421 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

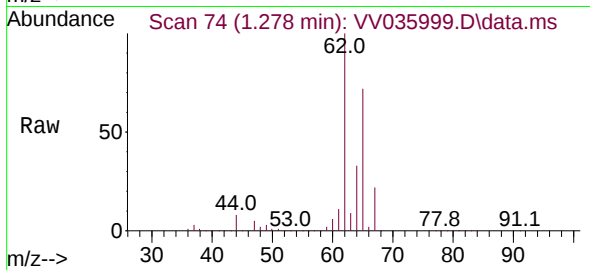
Tgt Ion: 50 Resp: 187672
Ion Ratio Lower Upper
50 100
52 32.8 22.8 42.4





#5
Vinyl chloride
Concen: 28.535 ug/L
RT: 1.278 min Scan# 74
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

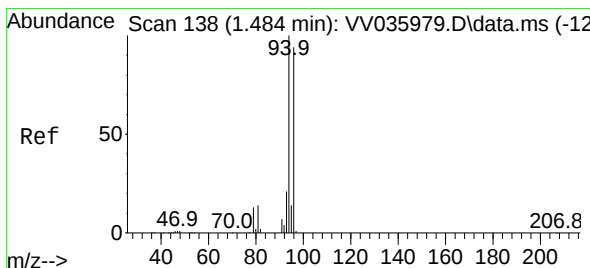
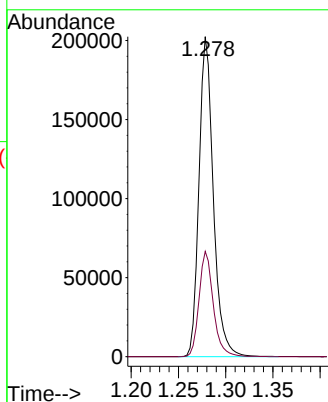
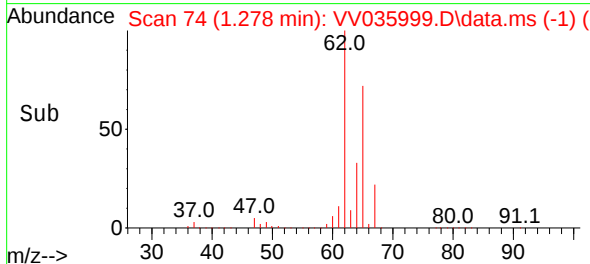
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



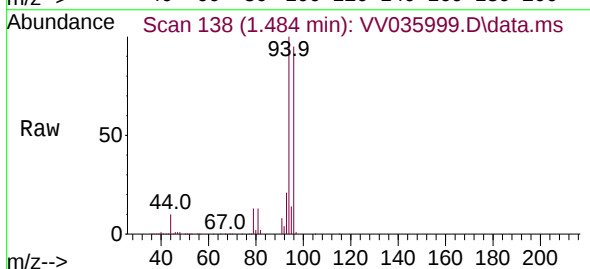
Tgt Ion: 62 Resp: 213380
Ion Ratio Lower Upper
62 100
64 32.9 22.9 42.5

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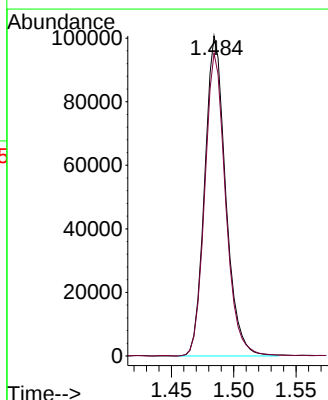
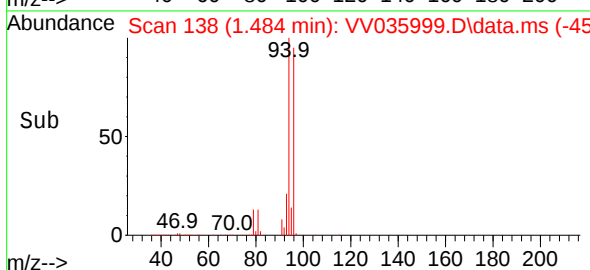
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

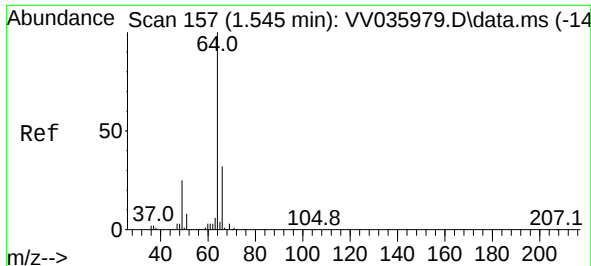


#6
Bromomethane
Concen: 25.390 ug/L
RT: 1.484 min Scan# 138
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04



Tgt Ion: 94 Resp: 117785
Ion Ratio Lower Upper
94 100
96 94.6 65.7 122.1





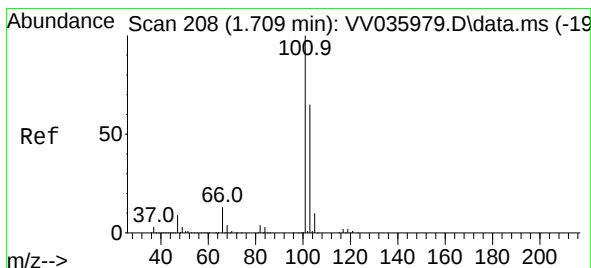
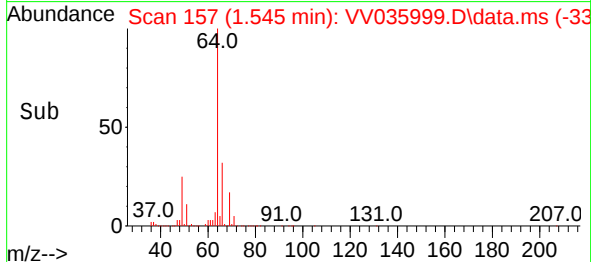
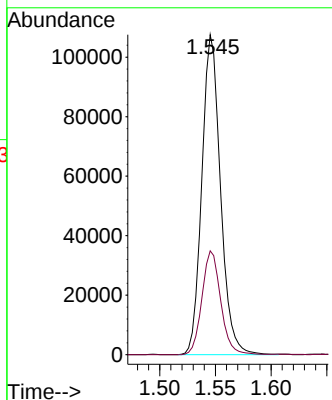
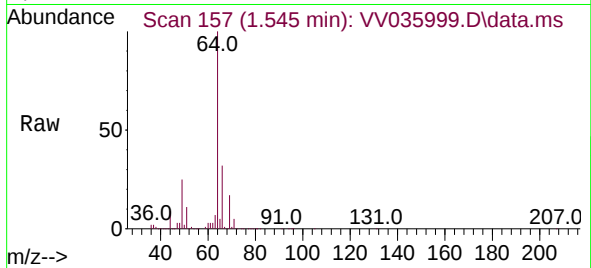
#8
Chloroethane
Concen: 27.014 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD

Tgt Ion: 64 Resp: 125563
Ion Ratio Lower Upper
64 100
66 32.4 22.0 41.0

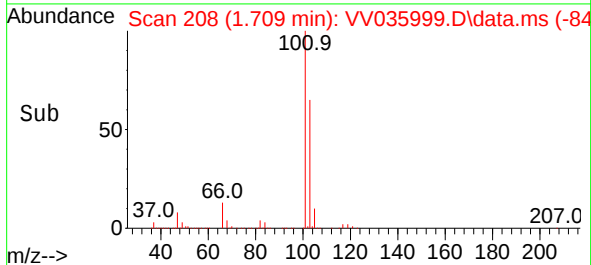
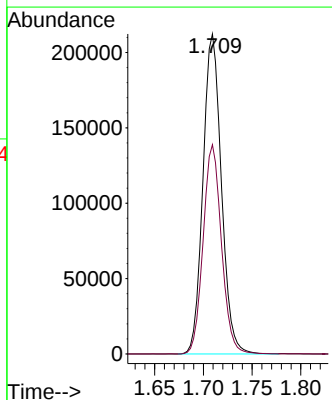
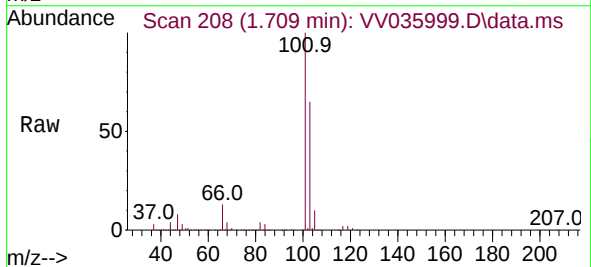
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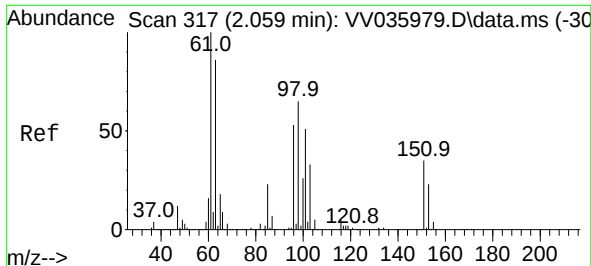
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#9
Trichlorofluoromethane
Concen: 30.025 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Tgt Ion:101 Resp: 278824
Ion Ratio Lower Upper
101 100
103 65.0 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 30.174 ug/L

RT: 2.063 min Scan# 317

Delta R.T. 0.003 min

Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

Instrument :

MSVOA_V

ClientSampleId :

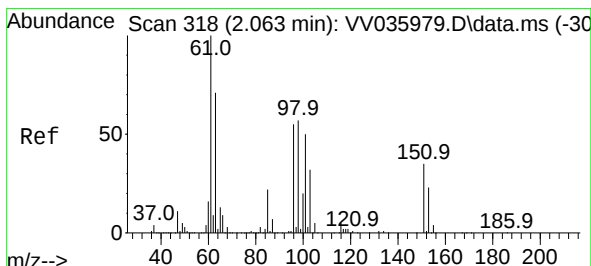
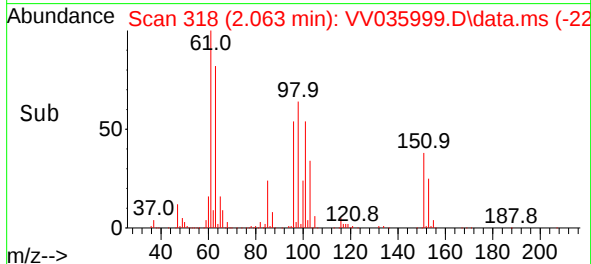
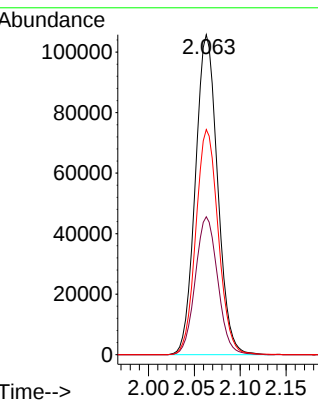
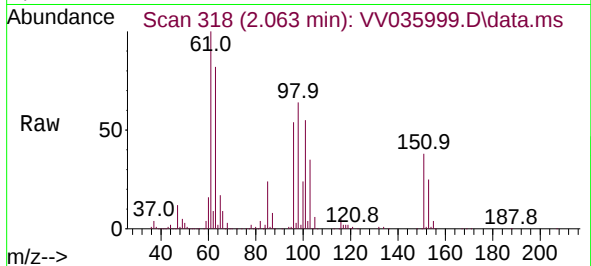
A4BP6MSD

Tgt Ion:101 Resp: 177834
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.5 51.7
 151 71.2 56.3 84.5

Manual Integrations

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 Supervised By :Semsettin Yesilyurt 06/10/2024



#12

1,1-Dichloroethene

Concen: 27.918 ug/L

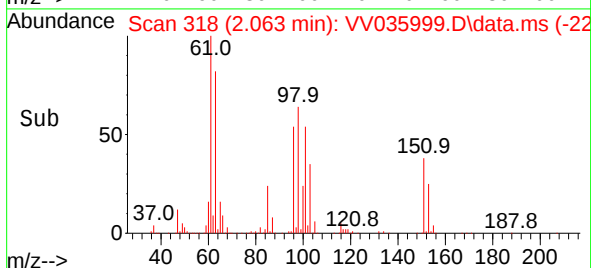
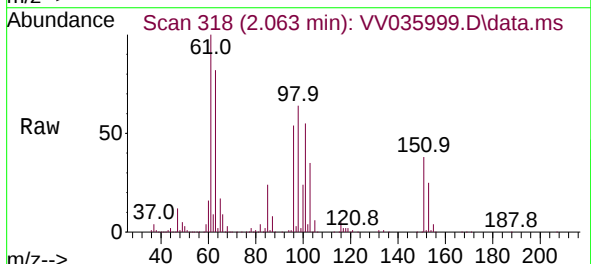
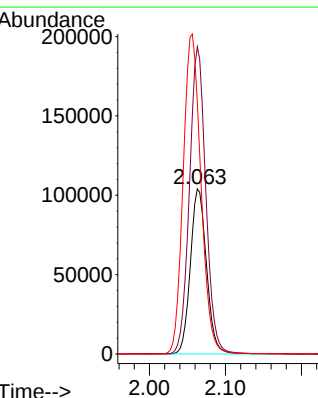
RT: 2.063 min Scan# 318

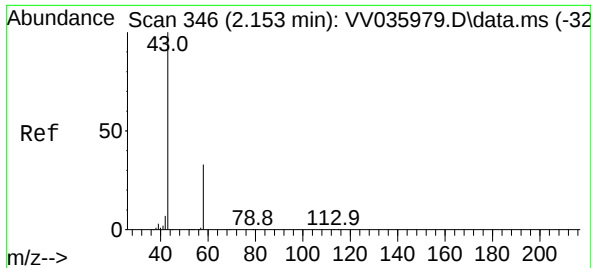
Delta R.T. 0.000 min

Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

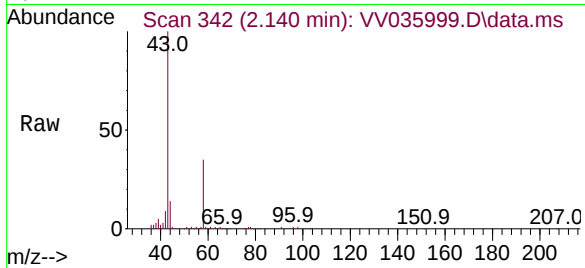
Tgt Ion: 96 Resp: 153461
 Ion Ratio Lower Upper
 96 100
 61 186.1 127.3 236.3
 63 152.6 93.7 173.9





#13
Acetone
Concen: 47.638 ug/L m
RT: 2.140 min Scan# 346
Delta R.T. -0.010 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

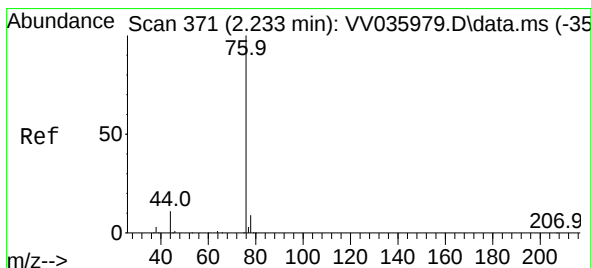
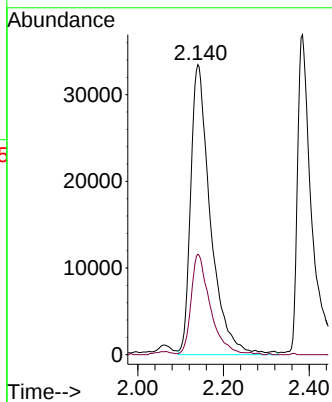
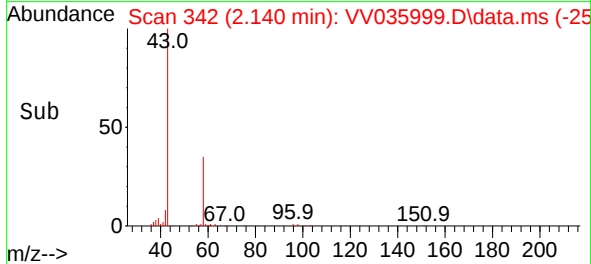
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



Tgt Ion: 43 Resp: 10744
Ion Ratio Lower Upper
43 100
58 0.1 0.0 24.2

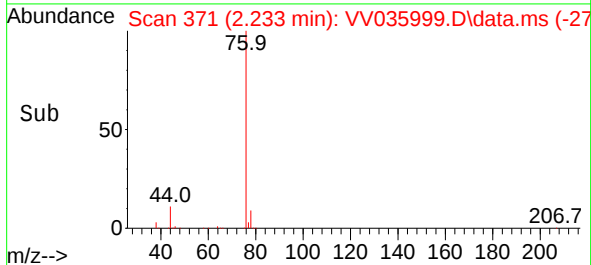
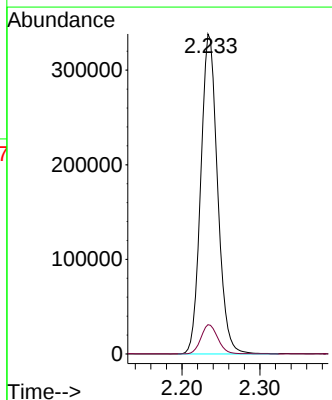
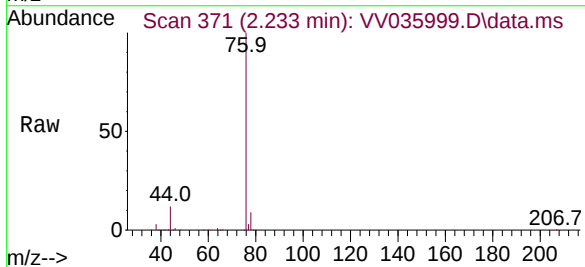
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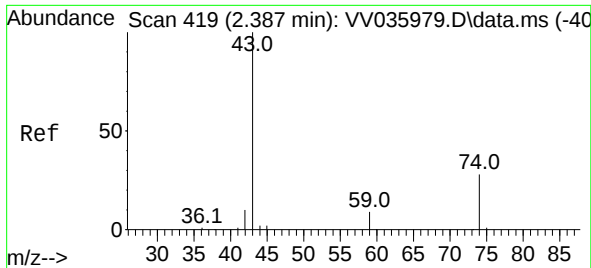
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#14
Carbon disulfide
Concen: 26.538 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

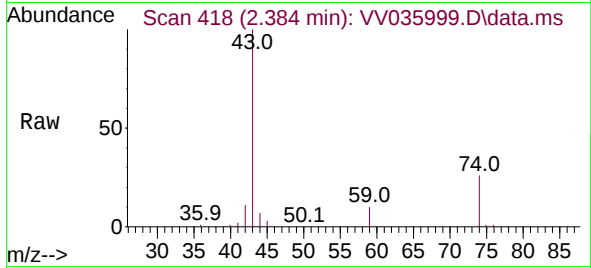
Tgt Ion: 76 Resp: 506572
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2





#15
Methyl Acetate
Concen: 29.178 ug/L
RT: 2.384 min Scan# 419
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

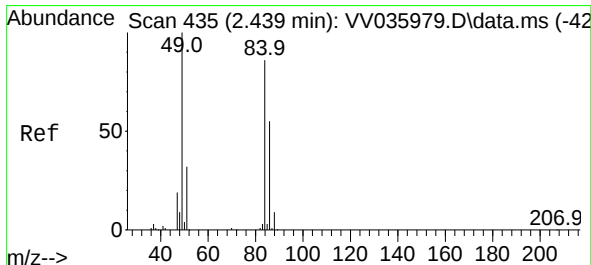
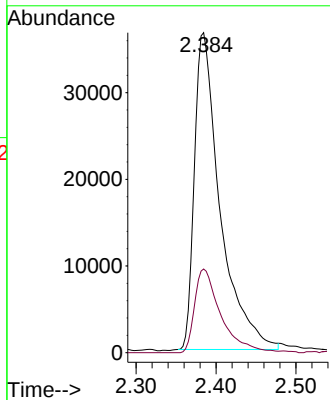
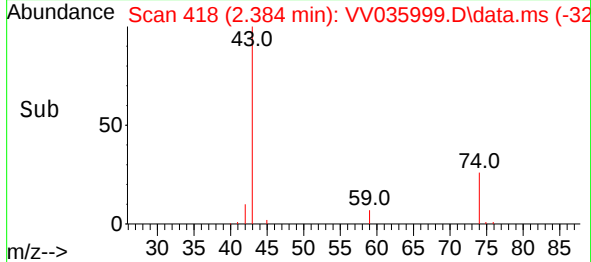
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



Tgt Ion: 43 Resp: 81800
Ion Ratio Lower Upper
43 100
74 26.9 21.4 32.2

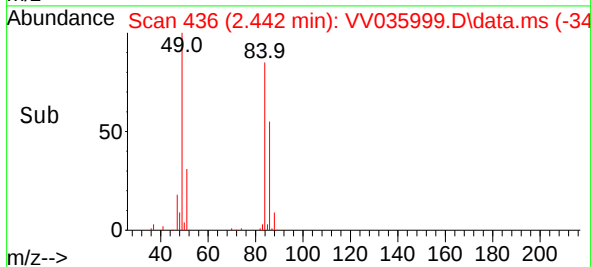
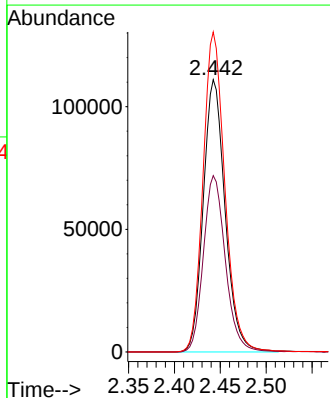
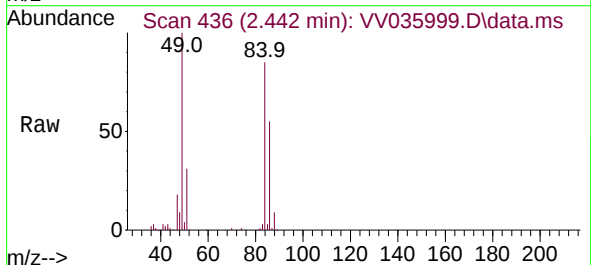
Manual Integrations
APPROVED

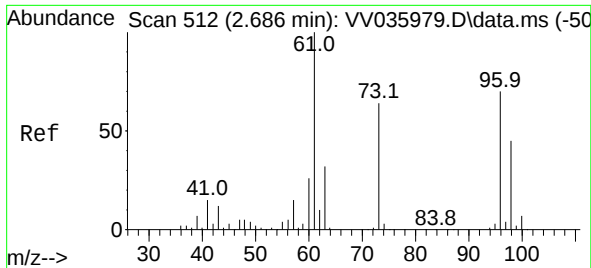
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#16
Methylene chloride
Concen: 23.707 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

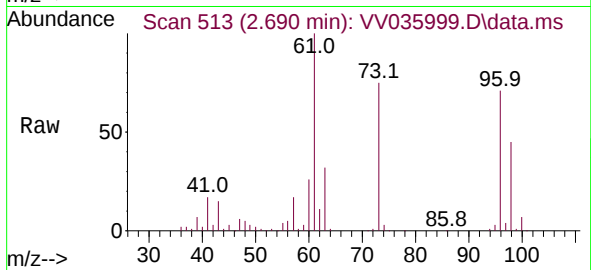
Tgt Ion: 84 Resp: 184137
Ion Ratio Lower Upper
84 100
86 64.7 44.6 82.8
49 117.5 81.1 150.5





#17
trans-1,2-Dichloroethene
Concen: 27.129 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

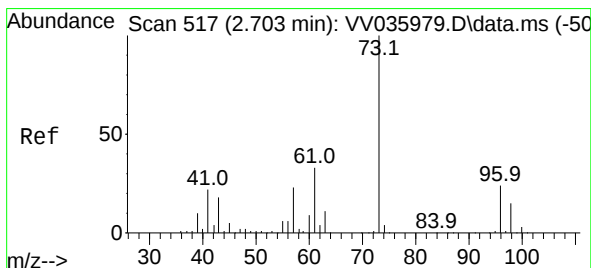
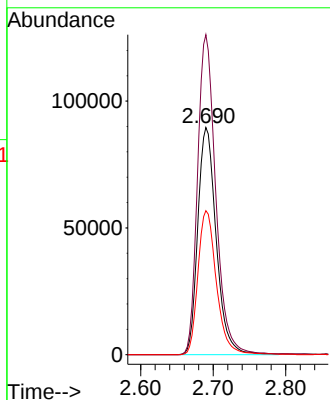
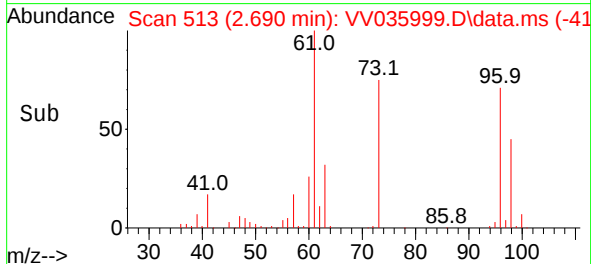
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



Tgt Ion: 96 Resp: 158409
Ion Ratio Lower Upper
96 100
61 140.8 99.4 184.6
98 63.4 44.9 83.3

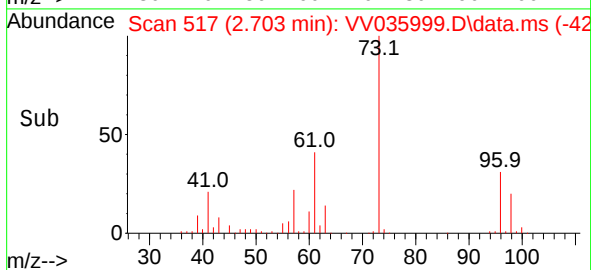
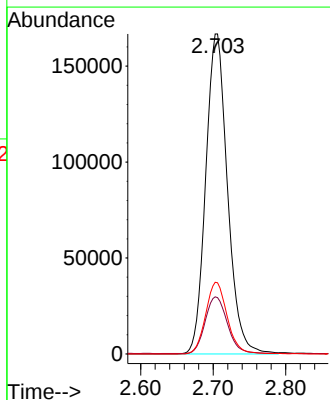
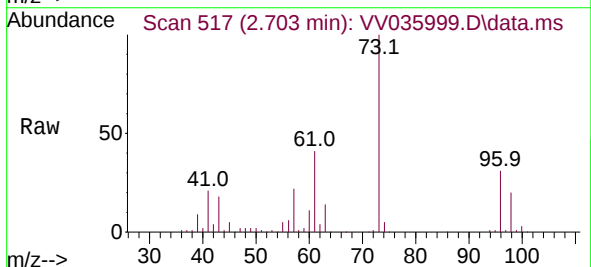
Manual Integrations
APPROVED

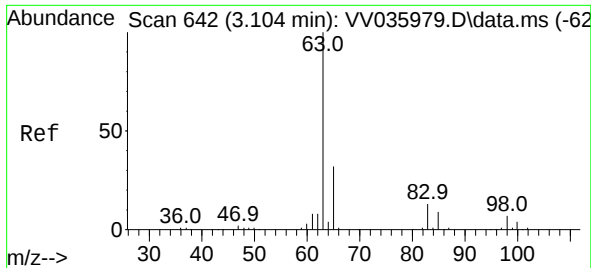
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#18
Methyl tert-butyl Ether
Concen: 26.560 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Tgt Ion: 73 Resp: 348160
Ion Ratio Lower Upper
73 100
43 18.0 14.3 21.5
57 22.2 17.8 26.6





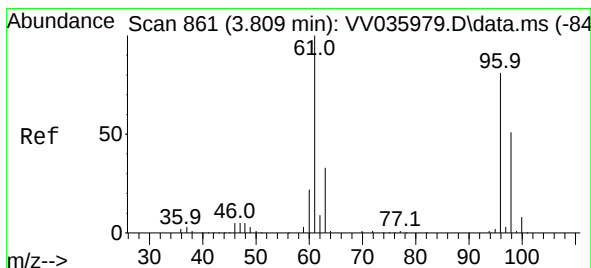
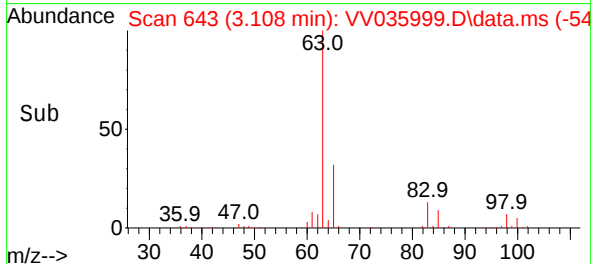
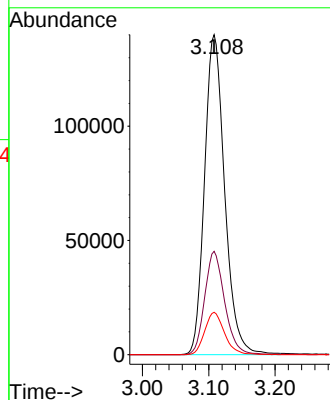
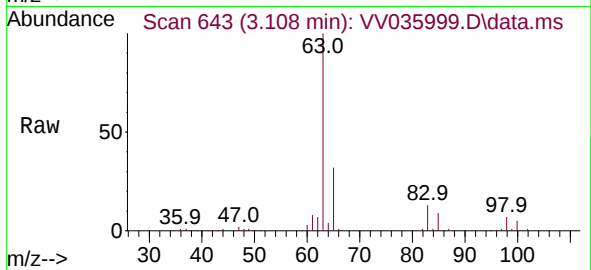
#19
1,1-Dichloroethane
Concen: 26.593 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD

Tgt Ion: 63 Resp: 295708
Ion Ratio Lower Upper
63 100
65 32.3 22.4 41.6
83 13.2 9.2 17.0

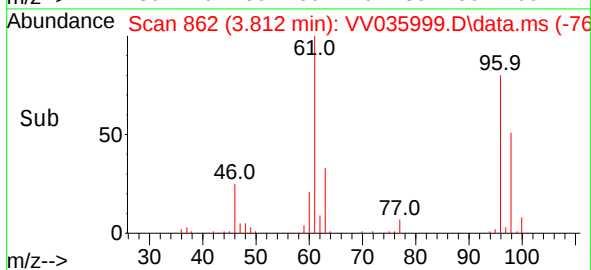
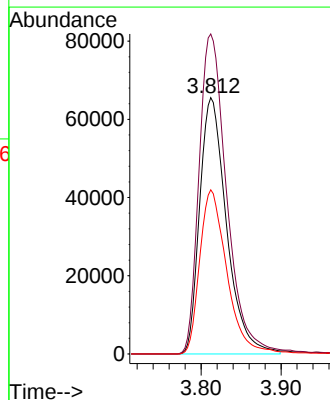
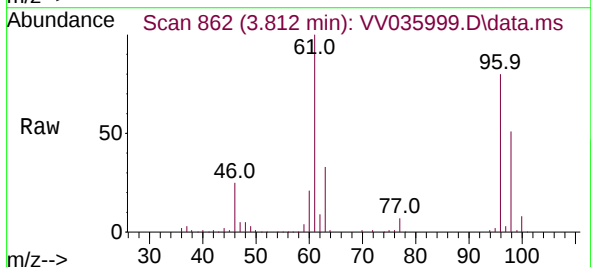
Manual Integrations
APPROVED

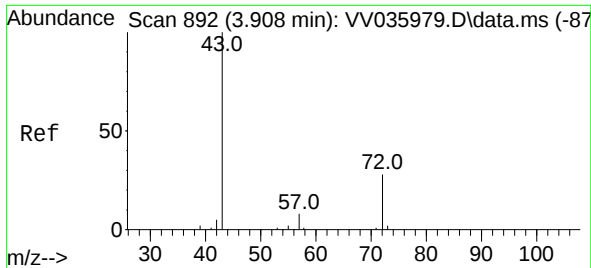
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#20
cis-1,2-Dichloroethene
Concen: 26.165 ug/L
RT: 3.812 min Scan# 862
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

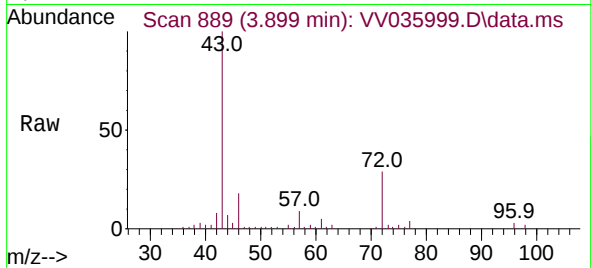
Tgt Ion: 96 Resp: 153518
Ion Ratio Lower Upper
96 100
61 124.8 87.9 163.3
98 64.0 44.4 82.5





#22
2-Butanone
Concen: 53.016 ug/L
RT: 3.899 min Scan# 892
Delta R.T. -0.016 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

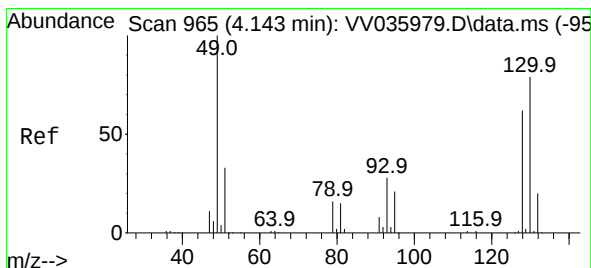
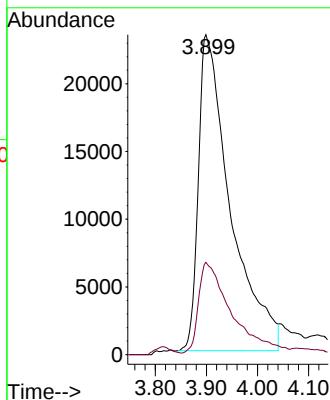
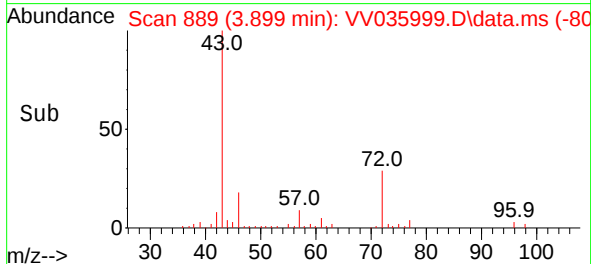
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



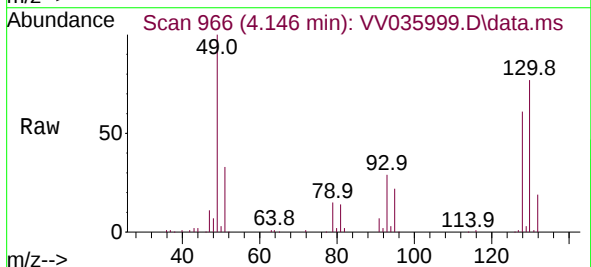
Tgt Ion: 43 Resp: 101463
Ion Ratio Lower Upper
43 100
72 29.0 8.2 24.4

Manual Integrations
APPROVED

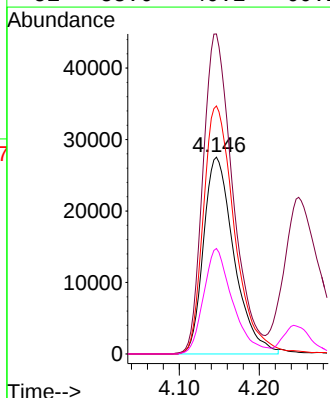
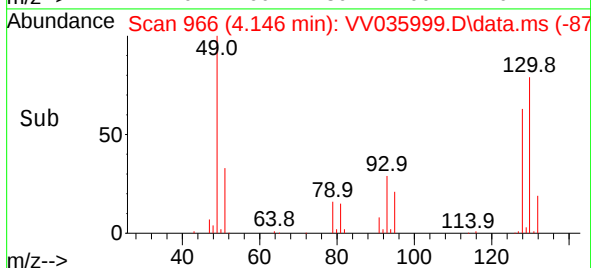
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

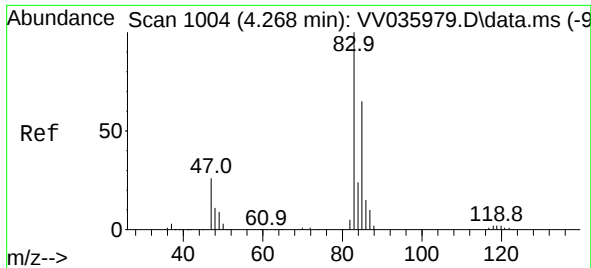


#23
Bromochloromethane
Concen: 24.801 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.007 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04



Tgt Ion:128 Resp: 72990
Ion Ratio Lower Upper
128 100
49 162.6 110.2 204.6
130 126.0 90.2 167.4
51 53.6 40.2 60.2





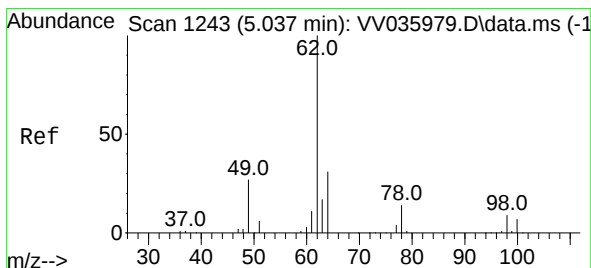
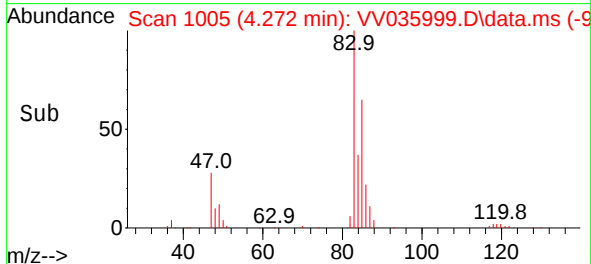
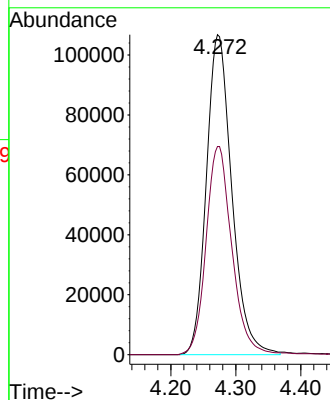
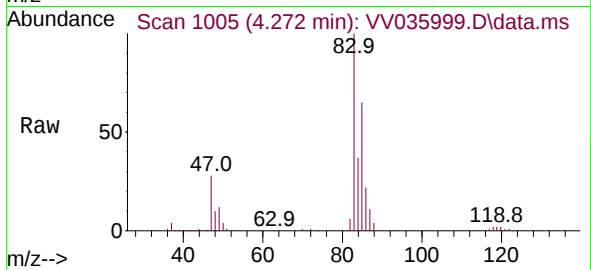
#25
Chloroform
Concen: 25.425 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD

Tgt Ion: 83 Resp: 29082
Ion Ratio Lower Upper
83 100
85 65.1 45.2 84.0

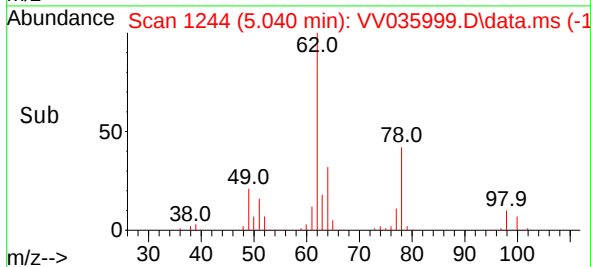
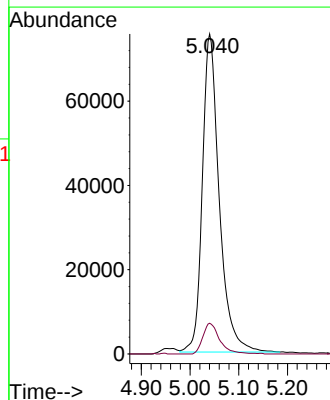
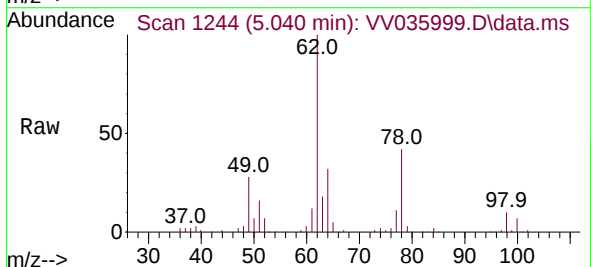
Manual Integrations
APPROVED

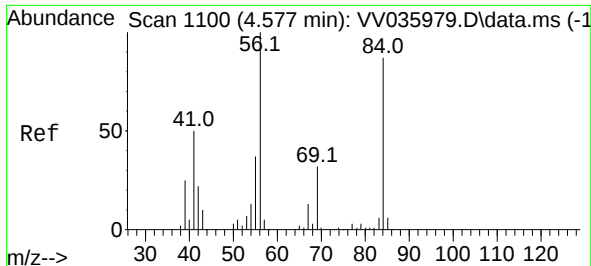
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#27
1,2-Dichloroethane
Concen: 25.460 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.007 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Tgt Ion: 62 Resp: 181817
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.6





#29

Cyclohexane

Concen: 34.634 ug/L

RT: 4.577 min Scan# 1100

Delta R.T. 0.003 min

Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

Instrument :

MSVOA_V

ClientSampleId :

A4BP6MSD

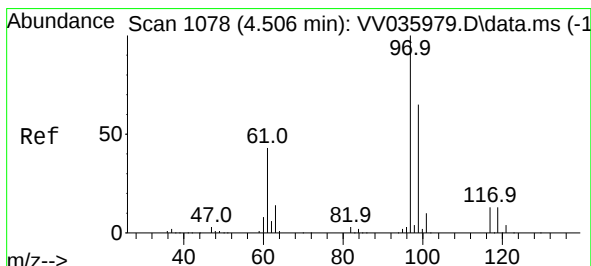
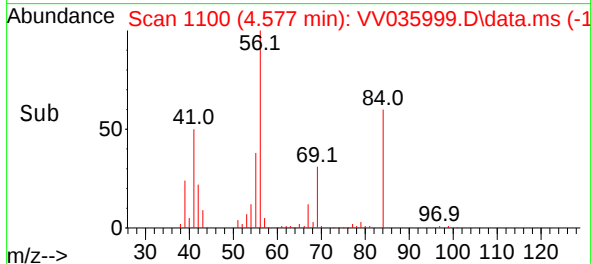
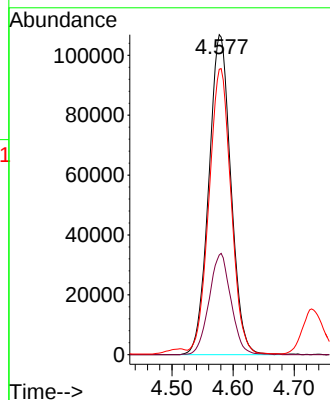
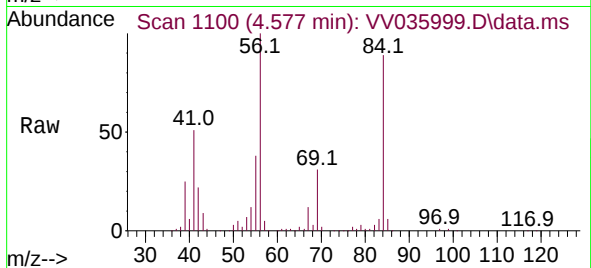
Tgt Ion: 56 Resp: 268722

Ion	Ratio	Lower	Upper
56	100		
69	31.2	25.2	37.8
84	88.7	72.2	108.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#30

1,1,1-Trichloroethane

Concen: 30.082 ug/L

RT: 4.507 min Scan# 1078

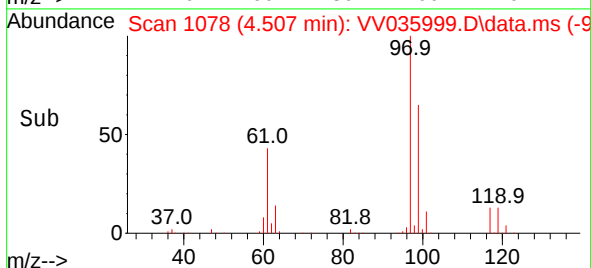
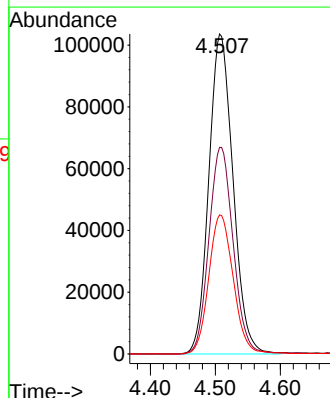
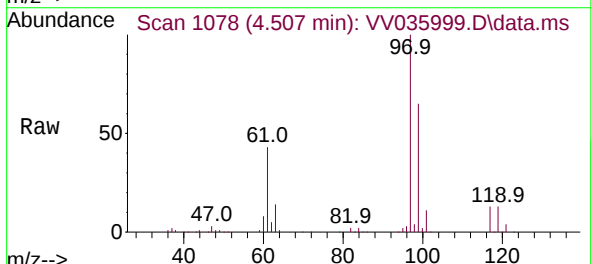
Delta R.T. 0.003 min

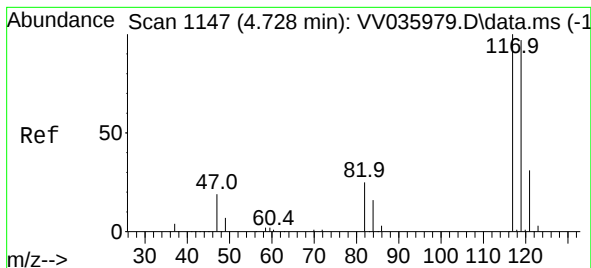
Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

Tgt Ion: 97 Resp: 267993

Ion	Ratio	Lower	Upper
97	100		
99	64.7	50.9	76.3
61	44.0	35.0	52.6





#31

Carbon tetrachloride

Concen: 30.671 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.007 min

Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

Instrument :

MSVOA_V

ClientSampleId :

A4BP6MSD

Tgt Ion:117 Resp: 239712

Ion Ratio Lower Upper

117 100

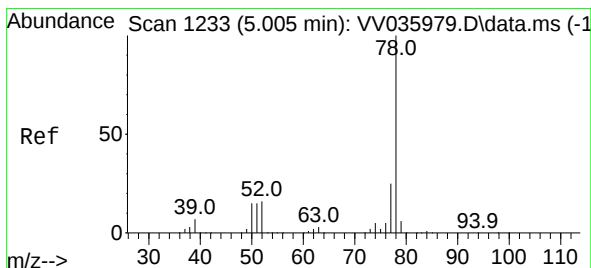
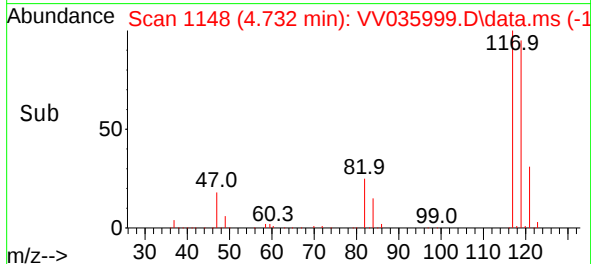
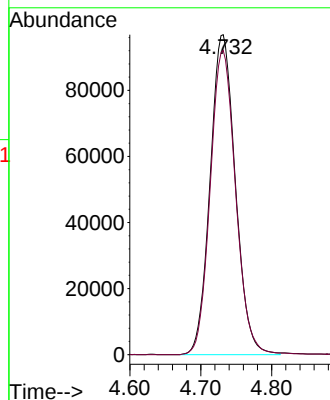
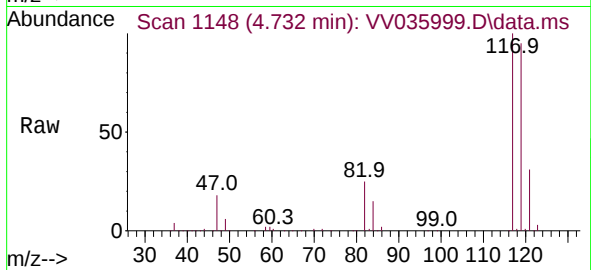
119 95.8 76.8 115.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#33

Benzene

Concen: 29.060 ug/L

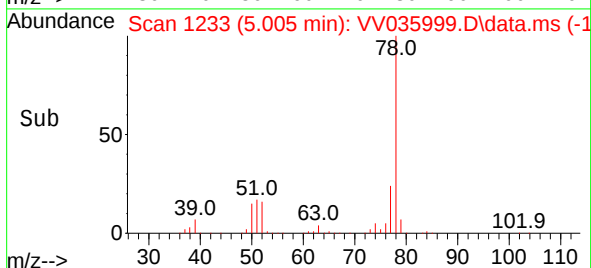
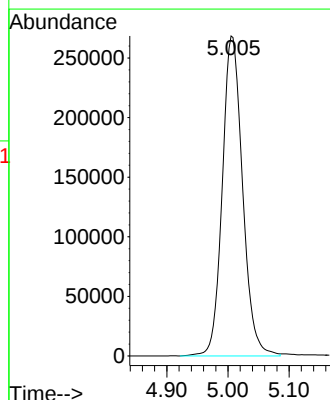
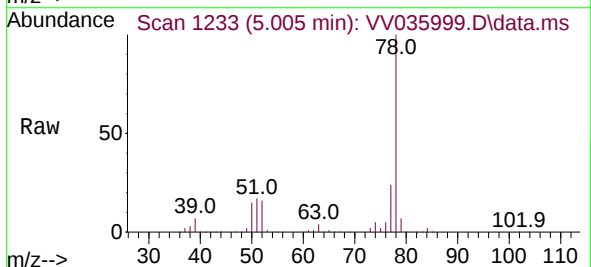
RT: 5.005 min Scan# 1233

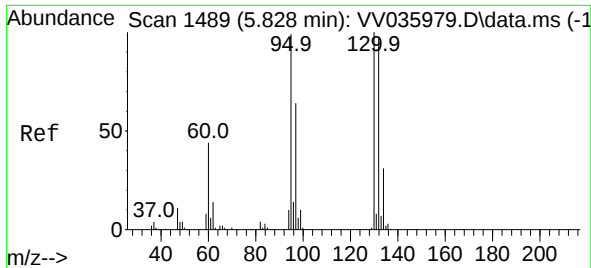
Delta R.T. 0.003 min

Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

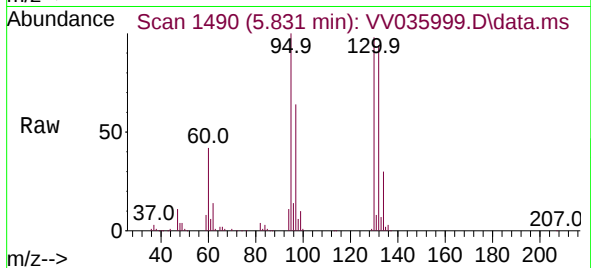
Tgt Ion: 78 Resp: 619344





#34
Trichloroethene
Concen: 30.096 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.007 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

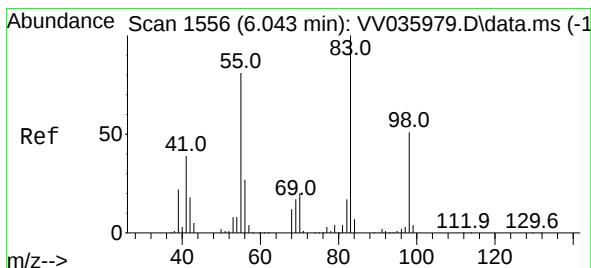
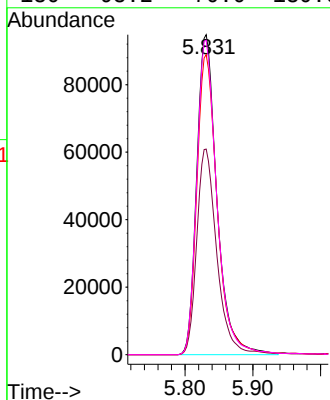
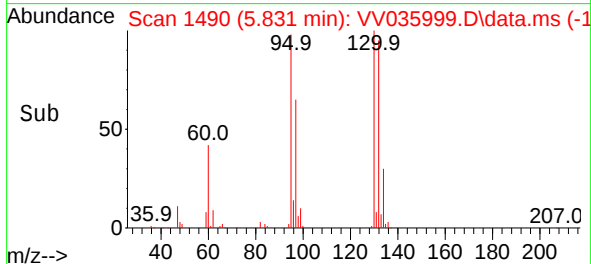
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



Tgt Ion: 95 Resp: 19658
Ion Ratio Lower Upper
95 100
97 64.3 44.8 83.2
132 93.7 66.8 124.2
130 98.2 70.0 130.0

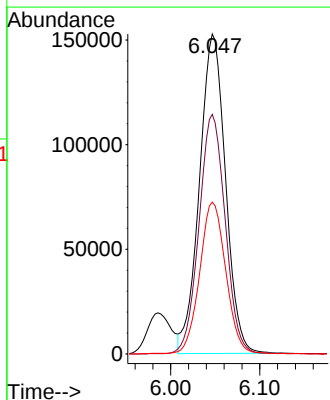
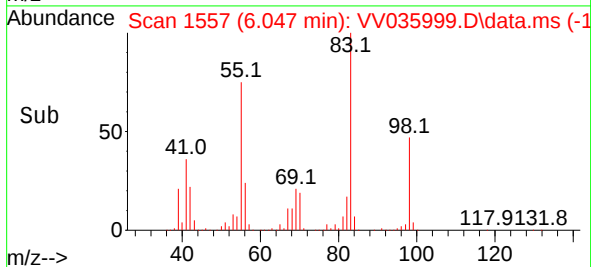
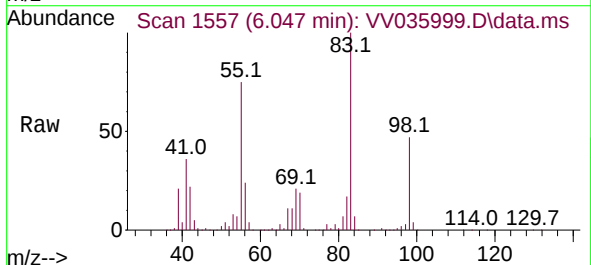
Manual Integrations
APPROVED

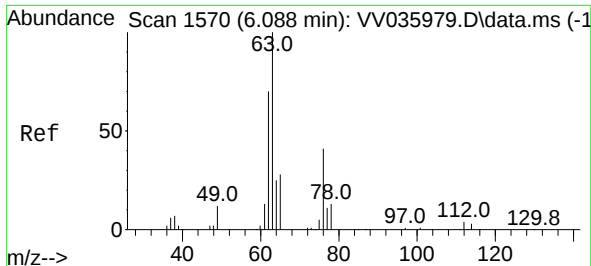
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#35
Methylcyclohexane
Concen: 34.318 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

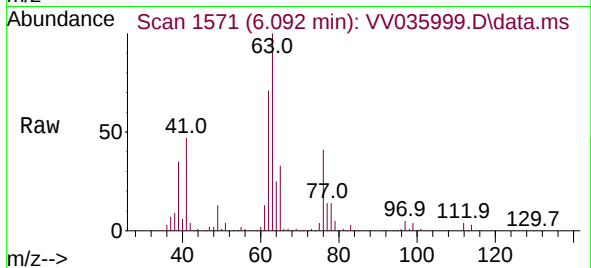
Tgt Ion: 83 Resp: 310005
Ion Ratio Lower Upper
83 100
55 75.3 60.7 91.1
98 47.5 38.7 58.1





#37
1,2-Dichloropropane
Concen: 28.238 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

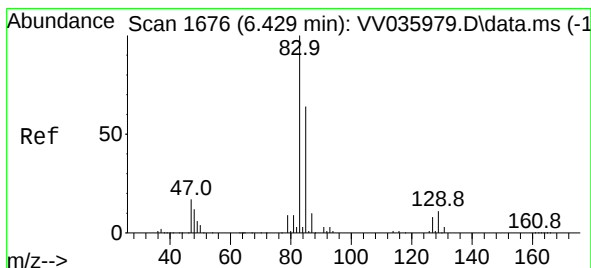
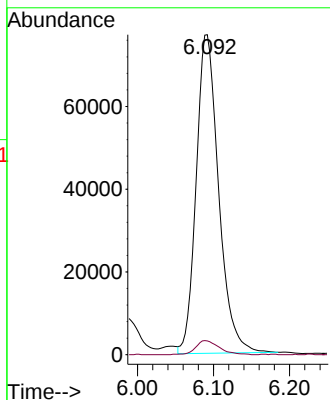
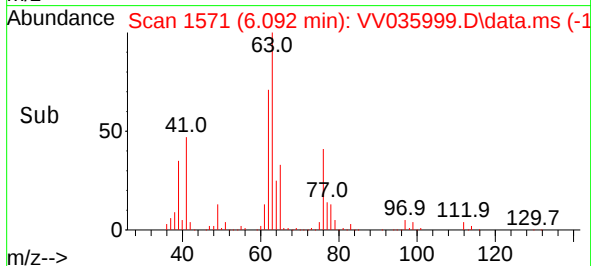
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



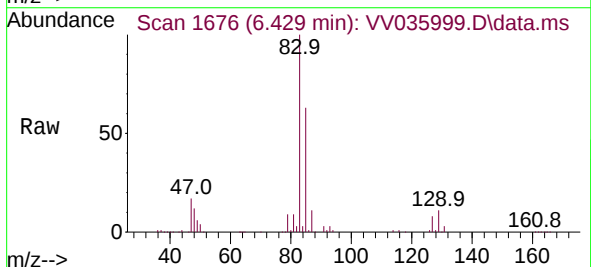
Tgt Ion: 63 Resp: 158030
Ion Ratio Lower Upper
63 100
112 4.6 3.5 5.3

Manual Integrations
APPROVED

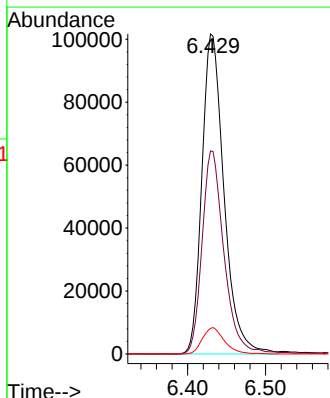
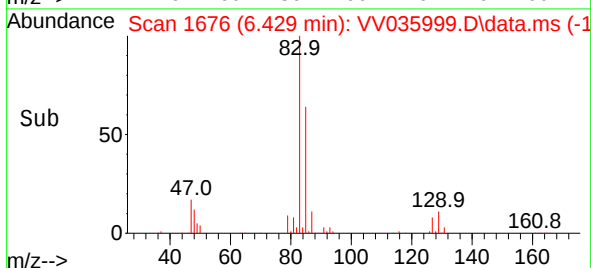
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

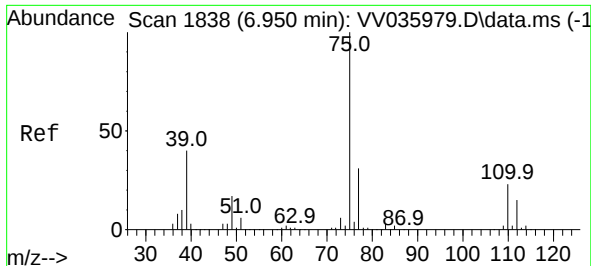


#38
Bromodichloromethane
Concen: 27.100 ug/L
RT: 6.429 min Scan# 1676
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04



Tgt Ion: 83 Resp: 200736
Ion Ratio Lower Upper
83 100
85 63.5 45.3 84.1
127 8.0 6.7 10.1





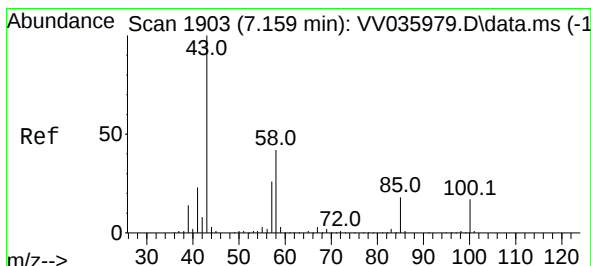
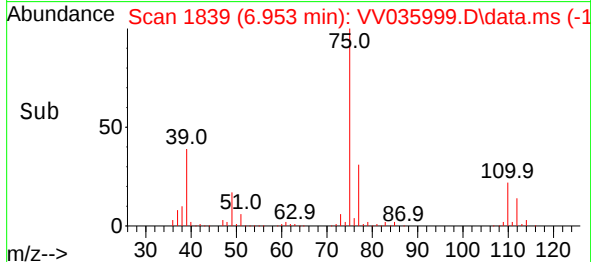
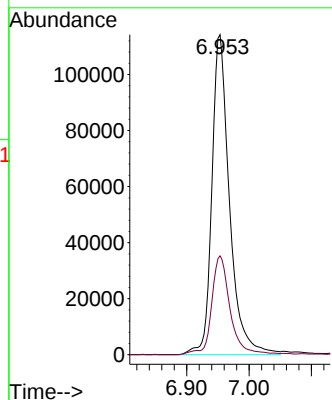
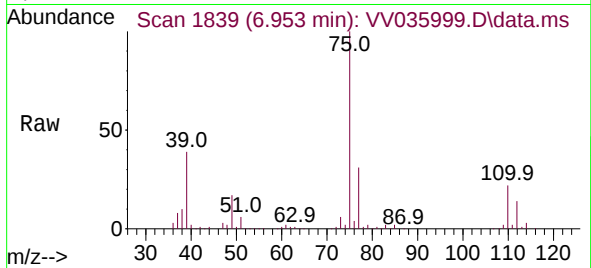
#39
cis-1,3-Dichloropropene
Concen: 26.825 ug/L
RT: 6.953 min Scan# 1839
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD

Tgt Ion: 75 Resp: 224530
Ion Ratio Lower Upper
75 100
77 30.9 22.1 41.1

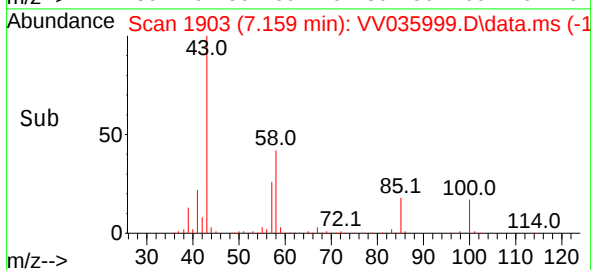
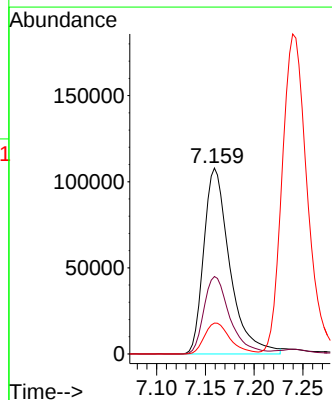
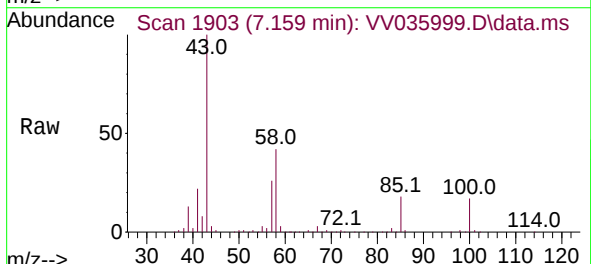
Manual Integrations
APPROVED

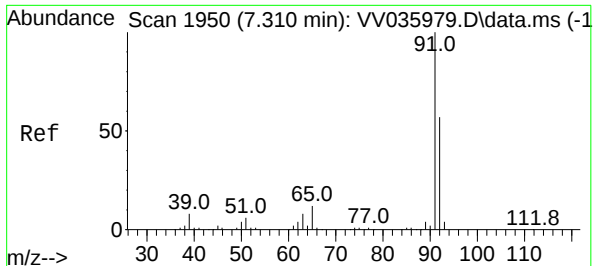
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#40
4-Methyl-2-pentanone
Concen: 65.983 ug/L
RT: 7.159 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Tgt Ion: 43 Resp: 200621
Ion Ratio Lower Upper
43 100
58 41.6 32.5 48.7
100 16.5 12.5 18.7





#42

Toluene

Concen: 30.284 ug/L

RT: 7.314 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

Instrument :

MSVOA_V

ClientSampleId :

A4BP6MSD

Tgt Ion: 91 Resp: 659520

Ion Ratio Lower Upper

91 100

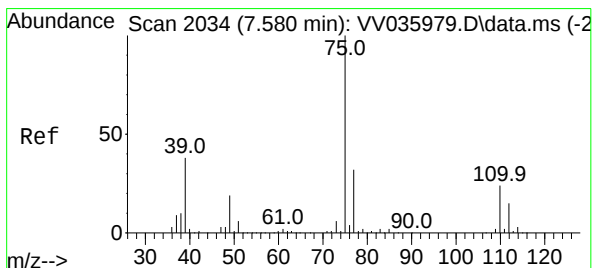
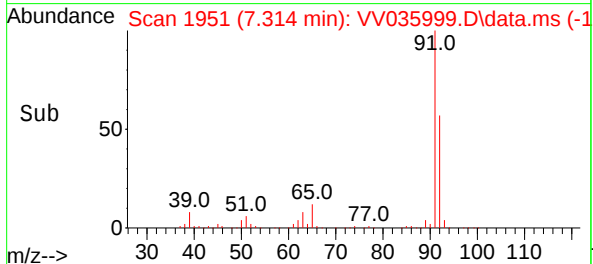
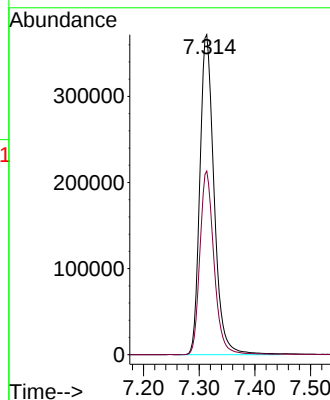
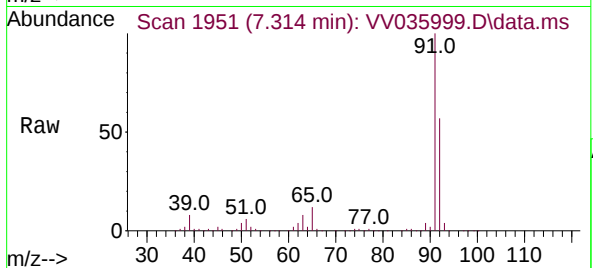
92 57.4 40.6 75.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#44

trans-1,3-Dichloropropene

Concen: 27.267 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035999.D

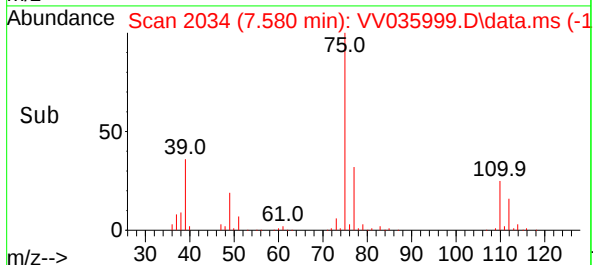
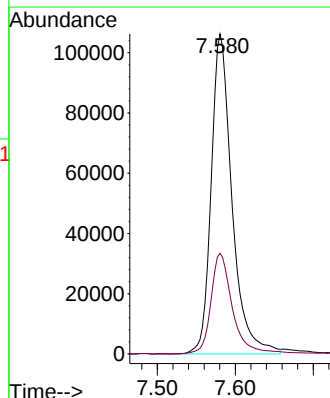
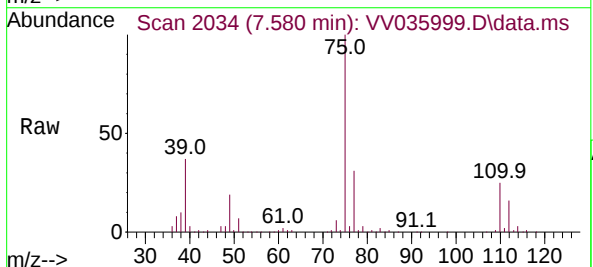
Acq: 06 Jun 2024 20:04

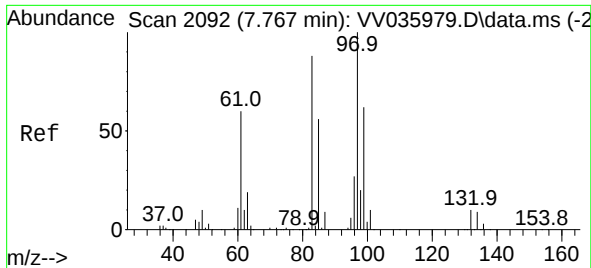
Tgt Ion: 75 Resp: 197139

Ion Ratio Lower Upper

75 100

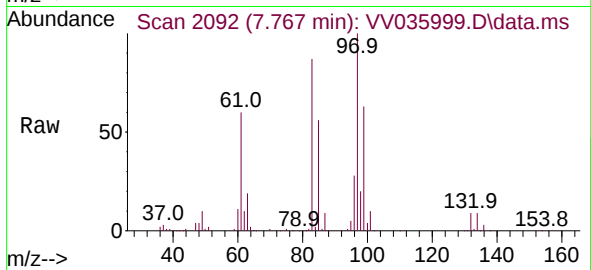
77 31.5 23.1 42.9





#45
1,1,2-Trichloroethane
Concen: 27.001 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD

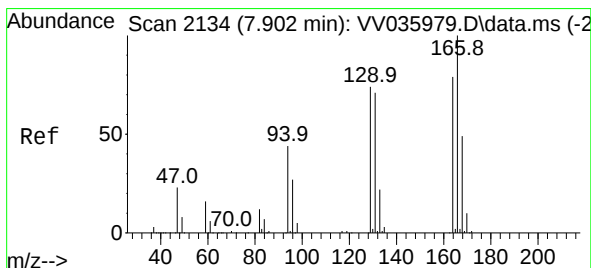
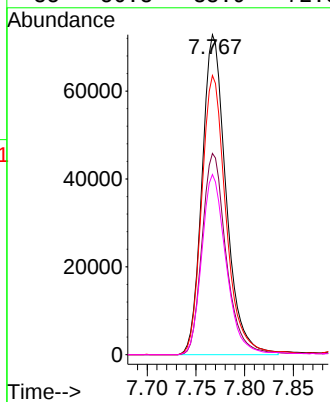
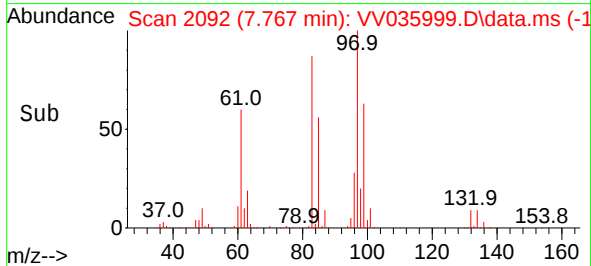


Tgt Ion: 97 Resp: 125020

Ion	Ratio	Lower	Upper
97	100		
99	62.9	43.3	80.5
83	87.2	60.1	111.7
85	56.3	38.9	72.3

Manual Integrations
APPROVED

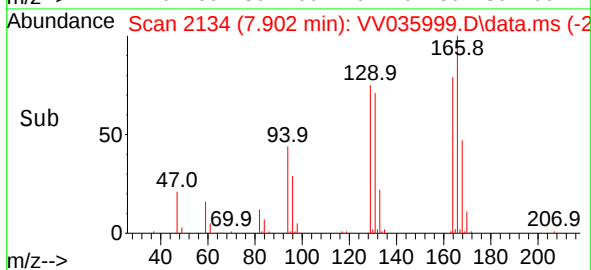
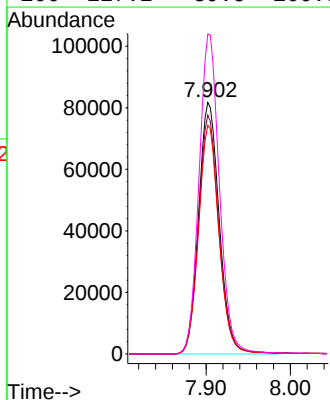
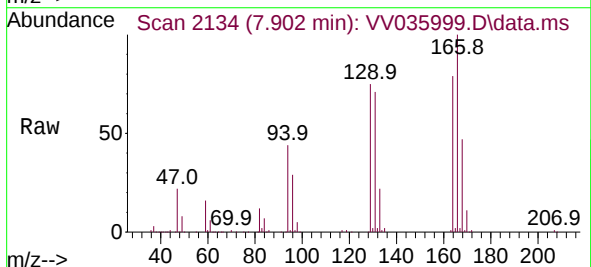
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

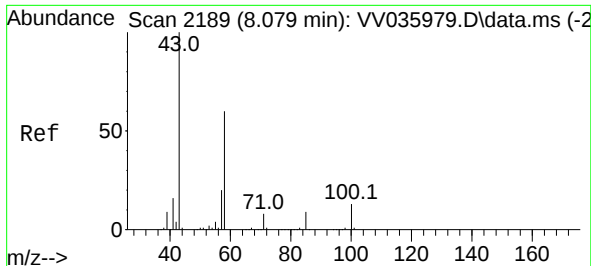


#46
Tetrachloroethene
Concen: 29.260 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Tgt Ion:164 Resp: 139787

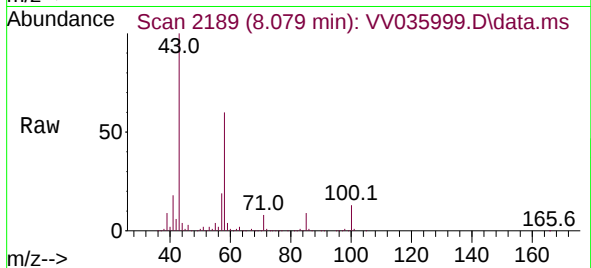
Ion	Ratio	Lower	Upper
164	100		
129	94.9	64.6	120.0
131	90.9	63.2	117.4
166	127.2	89.5	166.3





#48
2-Hexanone
Concen: 64.401 ug/L
RT: 8.079 min Scan# 2189
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

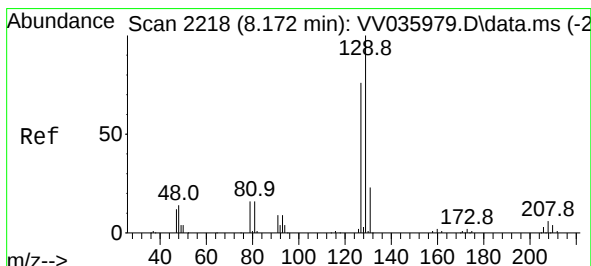
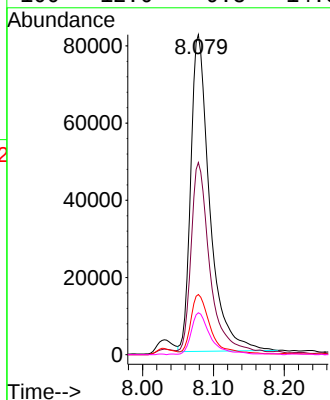
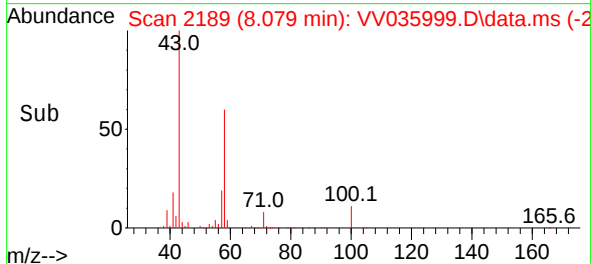
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



Tgt Ion: 43 Resp: 153083
Ion Ratio Lower Upper
43 100
58 58.2 45.4 68.0
57 20.0 15.8 23.8
100 12.6 9.8 14.8

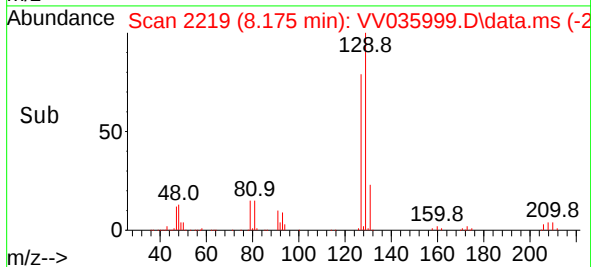
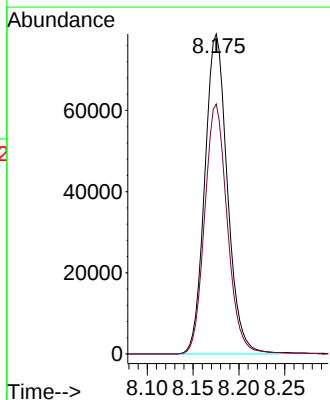
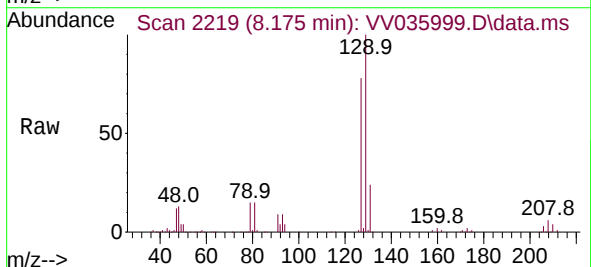
Manual Integrations
APPROVED

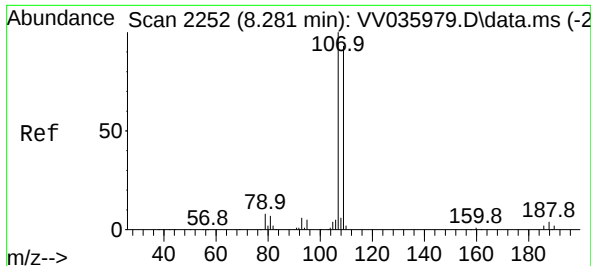
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#49
Dibromochloromethane
Concen: 26.692 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

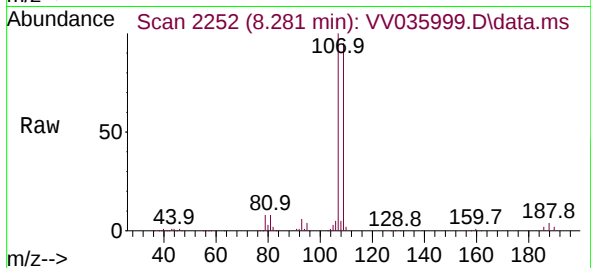
Tgt Ion:129 Resp: 135269
Ion Ratio Lower Upper
129 100
127 78.1 53.9 100.1





#50
1,2-Dibromoethane
Concen: 27.873 ug/L
RT: 8.281 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

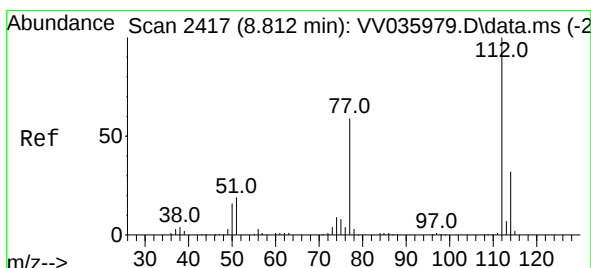
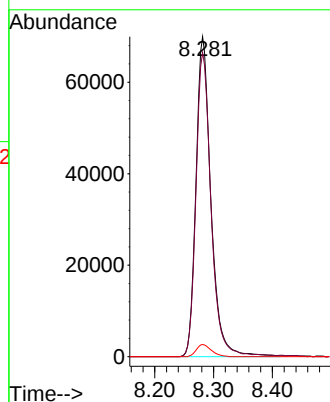
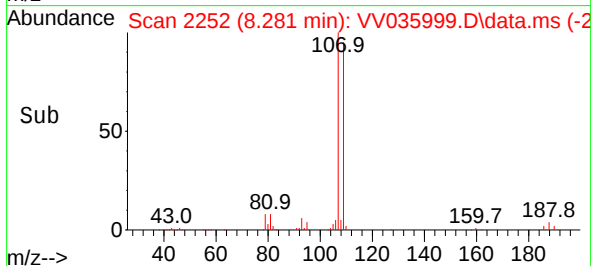
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



Tgt Ion:107 Resp: 12384
Ion Ratio Lower Upper
107 100
109 95.0 66.1 122.7
188 3.8 3.0 4.6

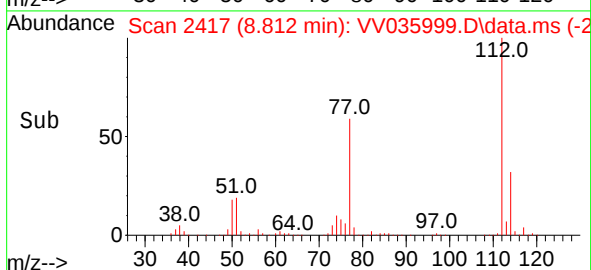
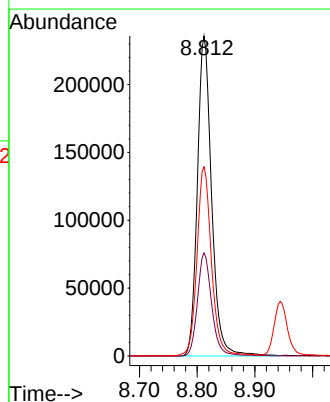
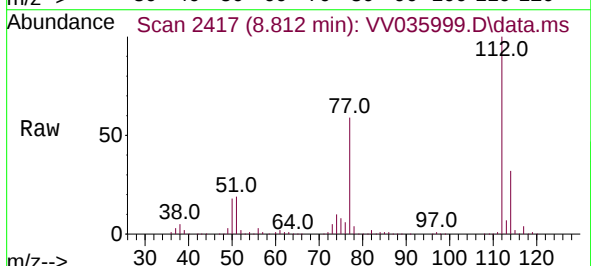
Manual Integrations
APPROVED

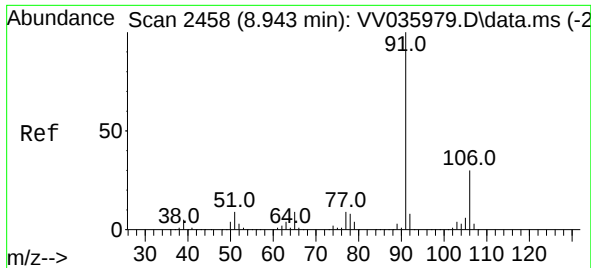
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#51
Chlorobenzene
Concen: 27.209 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Tgt Ion:112 Resp: 403738
Ion Ratio Lower Upper
112 100
114 32.2 22.3 41.5
77 59.1 47.3 70.9





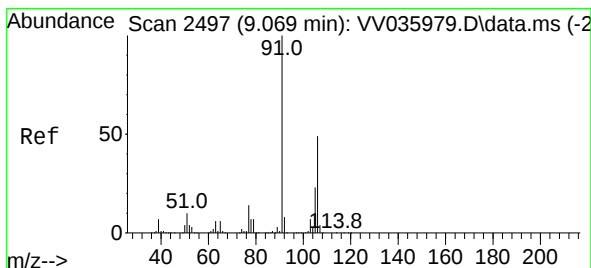
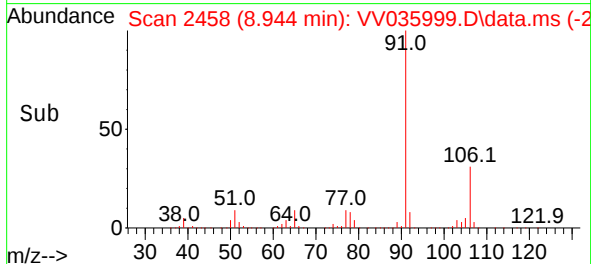
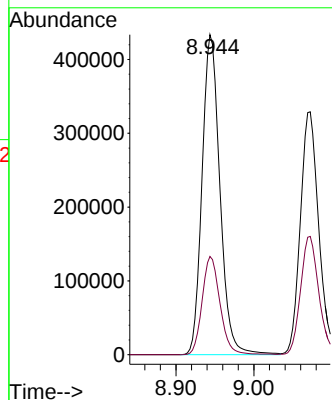
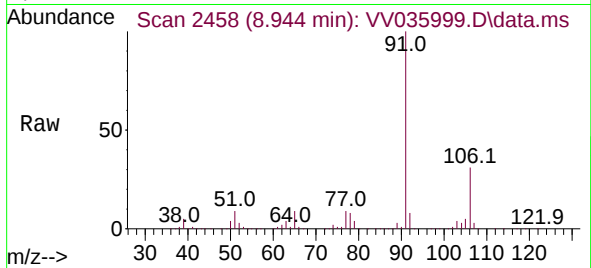
#52
Ethylbenzene
Concen: 29.662 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD

Tgt Ion: 91 Resp: 69112
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.0

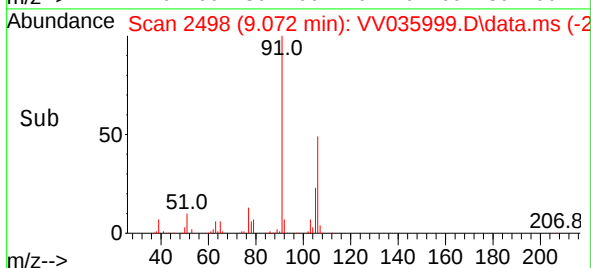
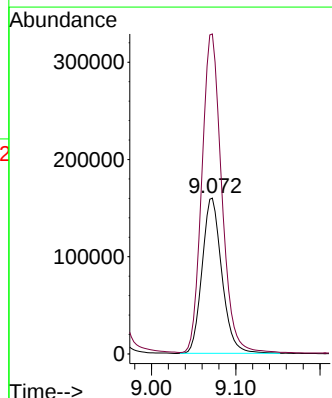
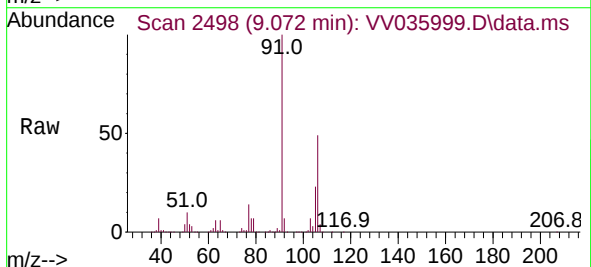
Manual Integrations
APPROVED

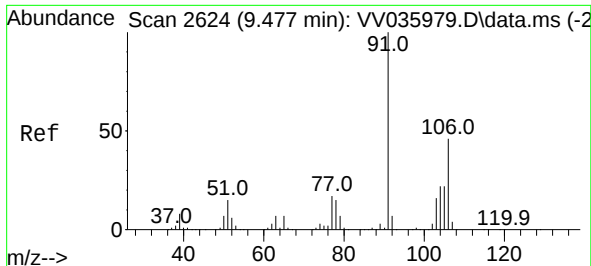
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#53
m,p-Xylene
Concen: 29.825 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Tgt Ion:106 Resp: 261119
Ion Ratio Lower Upper
106 100
91 205.4 143.1 265.9





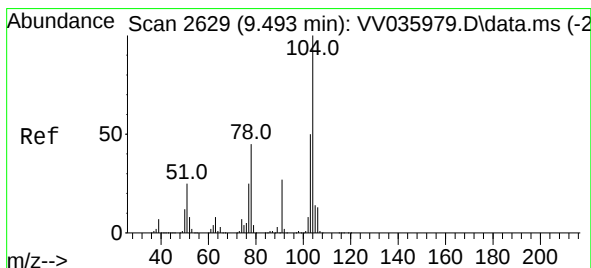
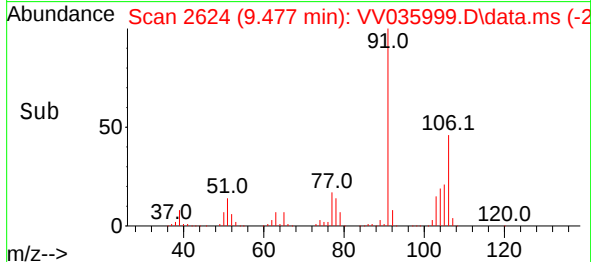
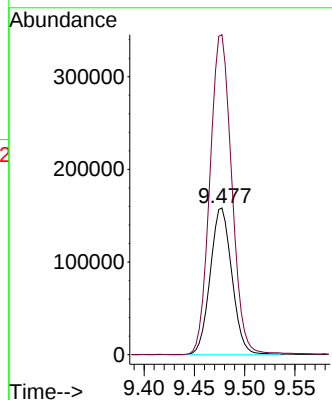
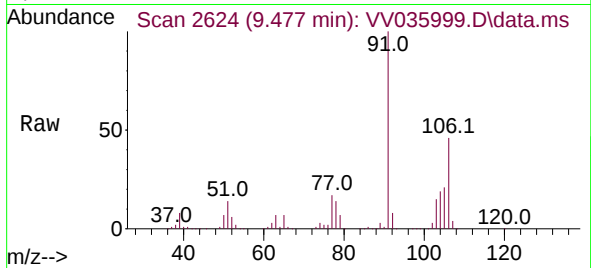
#54
o-Xylene
Concen: 28.791 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD

Tgt Ion:106 Resp: 237703
Ion Ratio Lower Upper
106 100
91 218.2 154.5 286.9

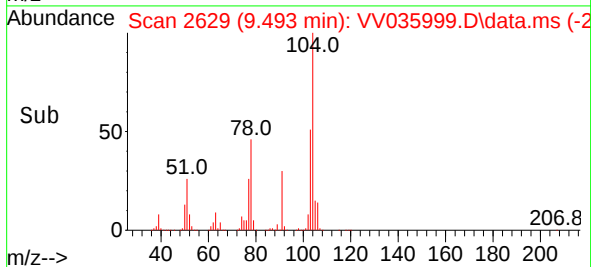
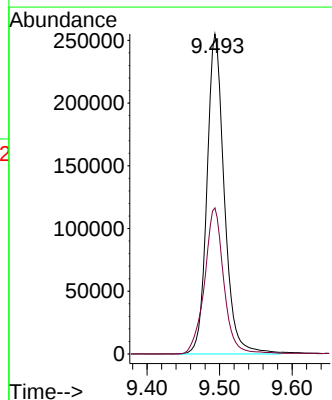
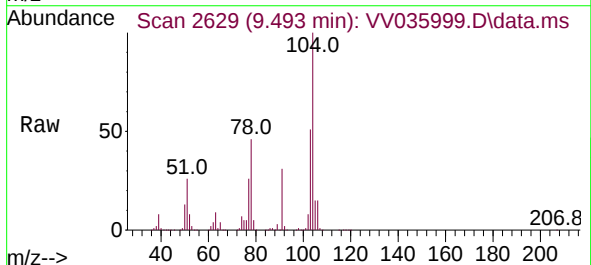
Manual Integrations
APPROVED

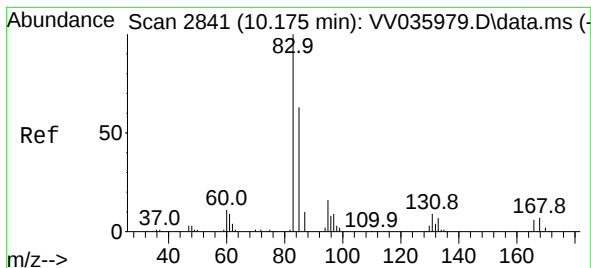
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#55
Styrene
Concen: 29.179 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

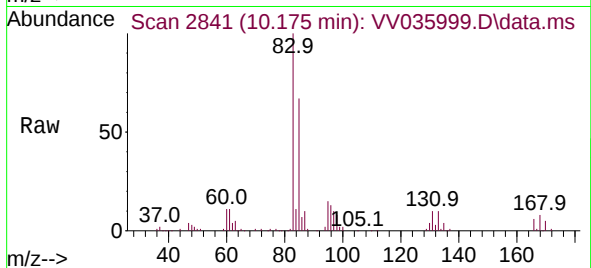
Tgt Ion:104 Resp: 424831
Ion Ratio Lower Upper
104 100
78 45.7 31.4 58.2





#57
1,1,2,2-Tetrachloroethane
Concen: 26.568 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

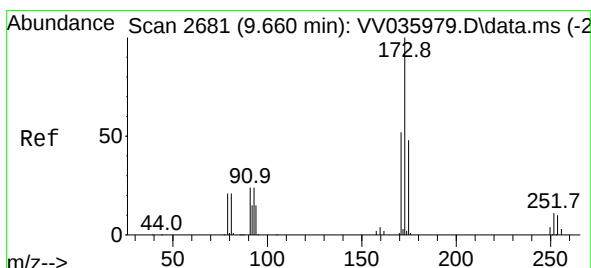
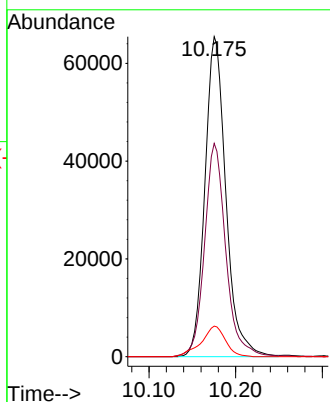
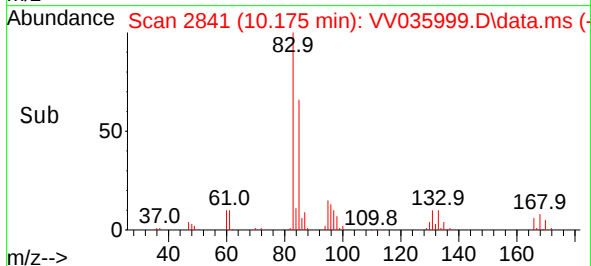
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



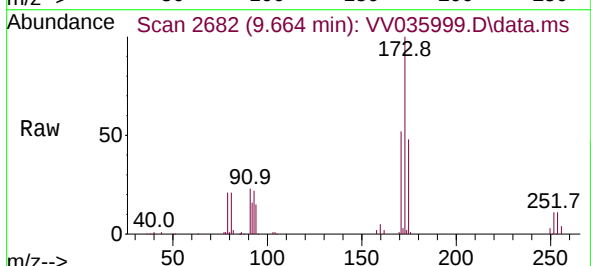
Tgt Ion: 83 Resp: 110156
Ion Ratio Lower Upper
83 100
85 66.7 45.1 83.7
131 9.5 7.6 11.4

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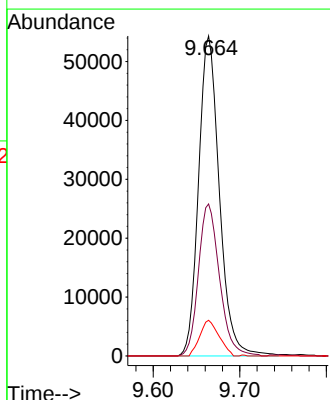
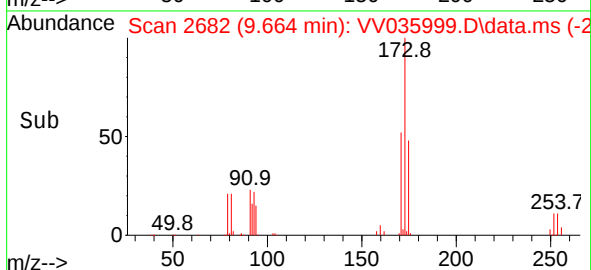
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

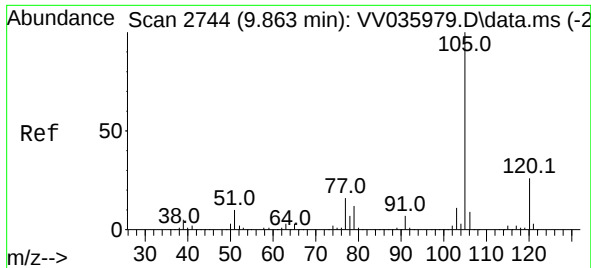


#59
Bromoform
Concen: 29.009 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04



Tgt Ion:173 Resp: 90654
Ion Ratio Lower Upper
173 100
175 48.1 39.0 58.6
254 10.3 8.6 13.0





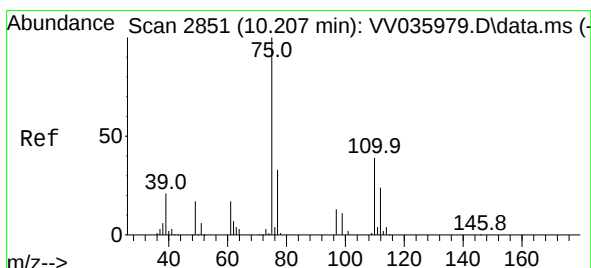
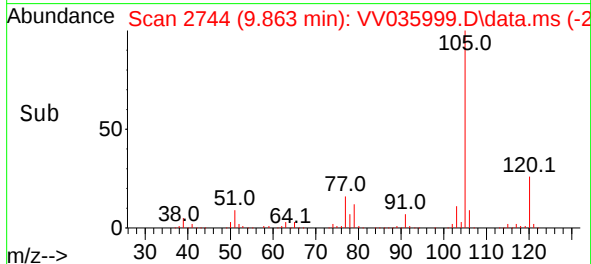
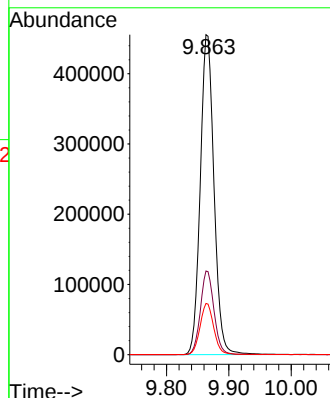
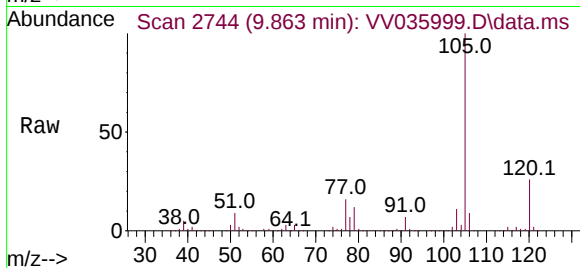
#60
Isopropylbenzene
Concen: 32.778 ug/L
RT: 9.863 min Scan# 2744
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD

Tgt Ion:105 Resp: 696852
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 15.9 12.6 18.8

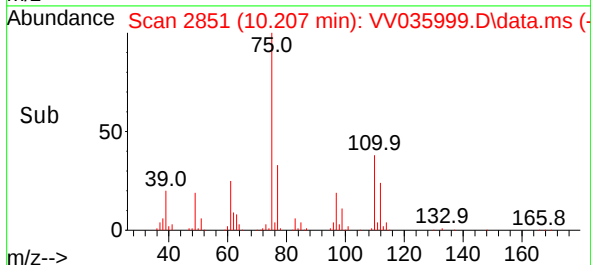
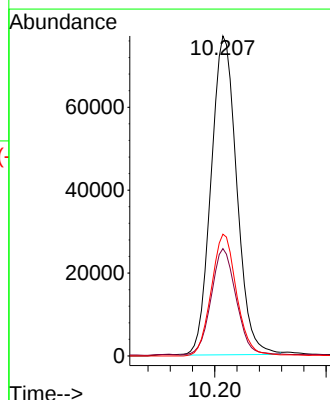
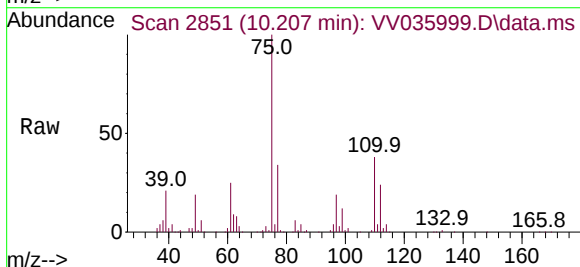
Manual Integrations
APPROVED

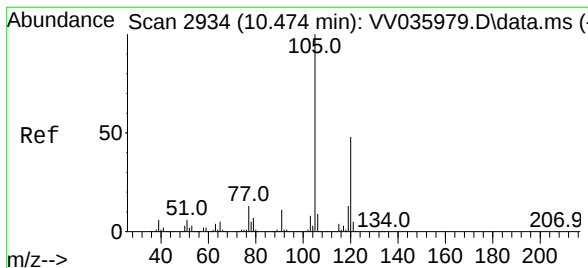
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#61
1,2,3-Trichloropropane
Concen: 31.413 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

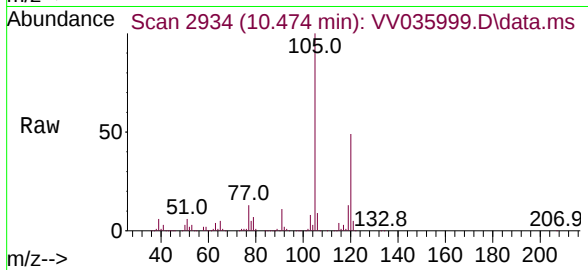
Tgt Ion: 75 Resp: 123112
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 37.7 32.2 48.4





#62
1,3,5-Trimethylbenzene
Concen: 30.818 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

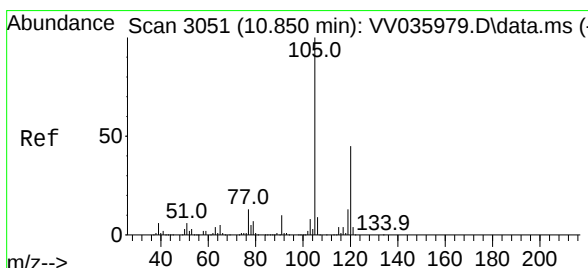
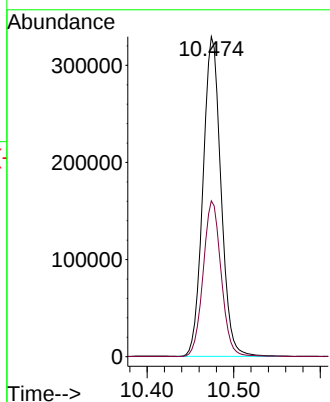
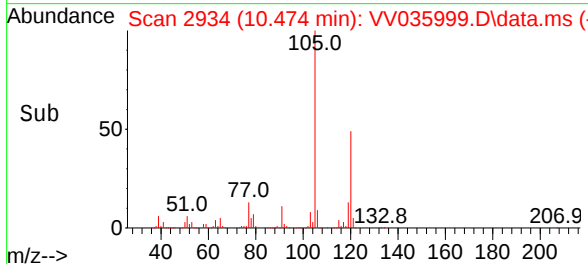
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



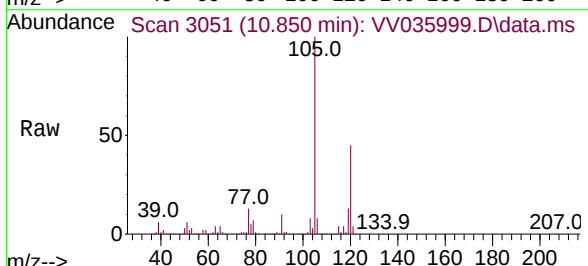
Tgt Ion:105 Resp: 475090
Ion Ratio Lower Upper
105 100
120 48.8 38.6 58.0

Manual Integrations
APPROVED

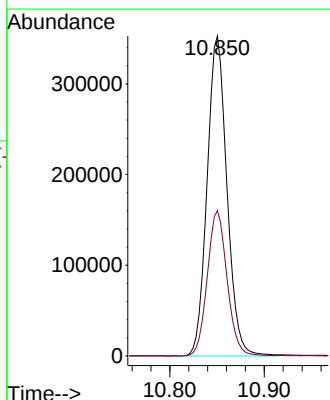
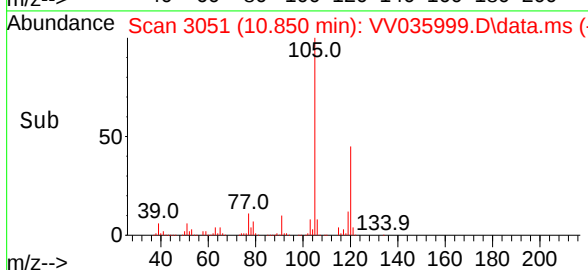
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

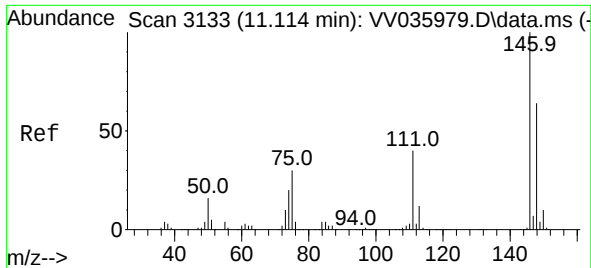


#63
1,2,4-Trimethylbenzene
Concen: 30.956 ug/L
RT: 10.850 min Scan# 3051
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04



Tgt Ion:105 Resp: 514177
Ion Ratio Lower Upper
105 100
120 45.3 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 28.396 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

Instrument :

MSVOA_V

ClientSampleId :

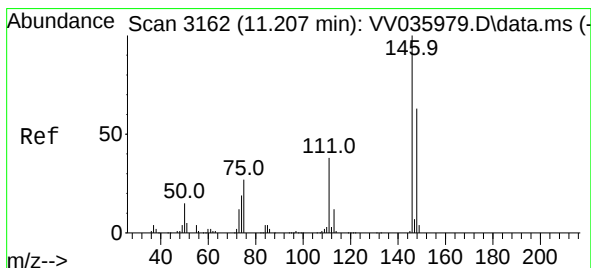
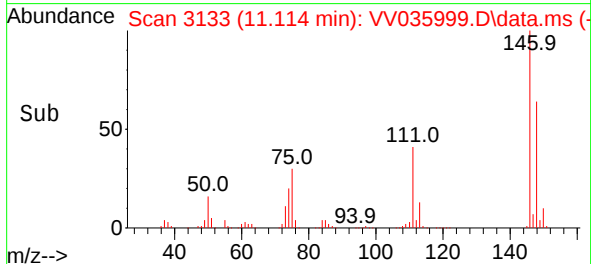
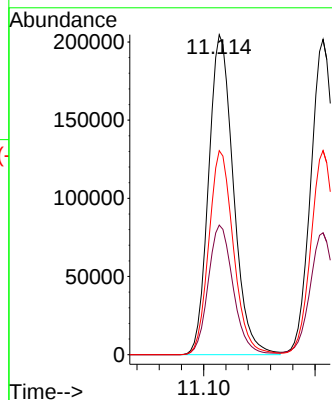
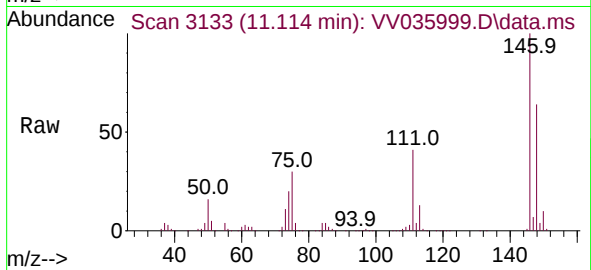
A4BP6MSD

Tgt Ion:146 Resp: 31703
 Ion Ratio Lower Upper
 146 100
 111 40.5 28.1 52.1
 148 63.8 44.7 83.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024



#65

1,4-Dichlorobenzene

Concen: 27.721 ug/L

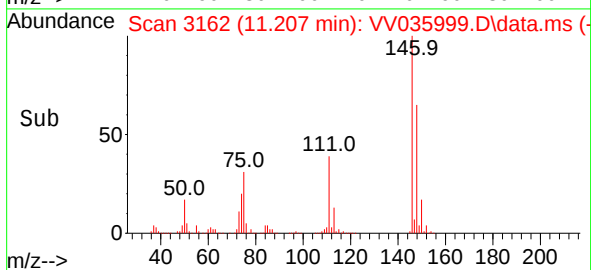
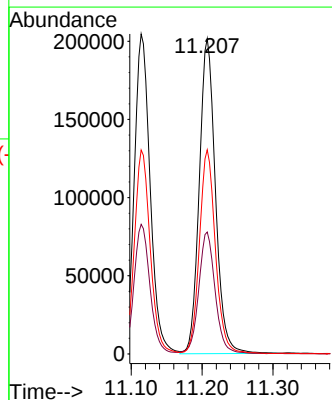
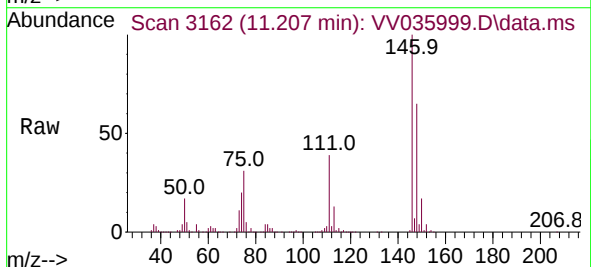
RT: 11.207 min Scan# 3162

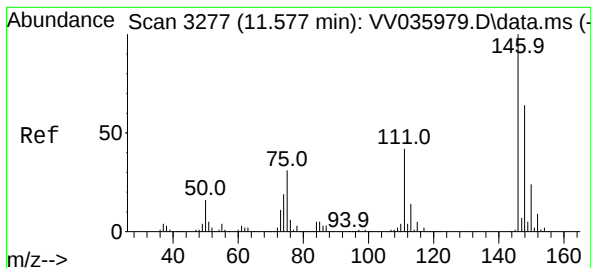
Delta R.T. 0.003 min

Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

Tgt Ion:146 Resp: 319457
 Ion Ratio Lower Upper
 146 100
 111 38.7 26.9 50.1
 148 64.7 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 28.107 ug/L

RT: 11.577 min Scan# 3277

Delta R.T. 0.000 min

Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

Instrument :

MSVOA_V

ClientSampleId :

A4BP6MSD

Tgt Ion:146 Resp: 295290

Ion Ratio Lower Upper

146 100

111 41.1 33.5 50.3

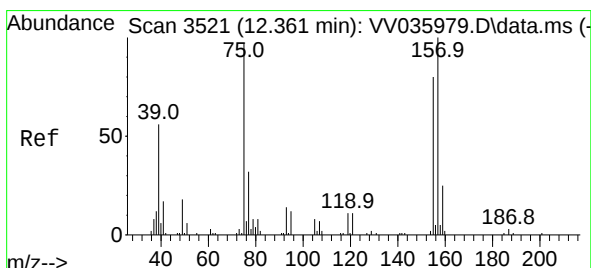
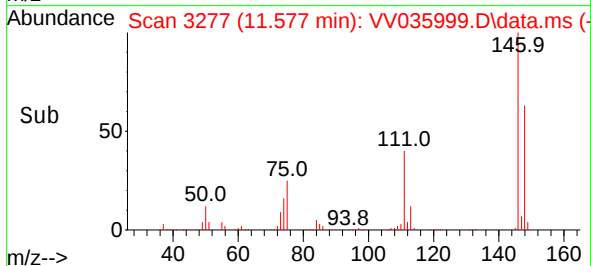
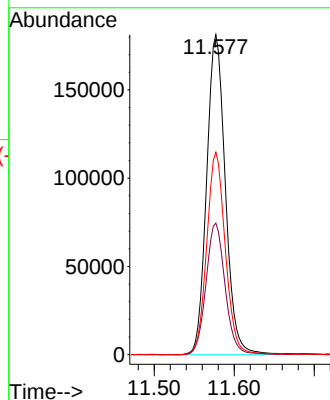
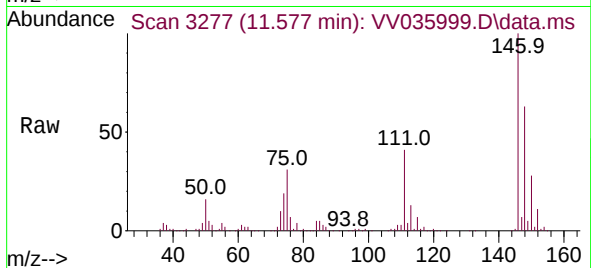
148 63.3 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#68

1,2-Dibromo-3-chloropropane

Concen: 33.635 ug/L

RT: 12.362 min Scan# 3521

Delta R.T. 0.000 min

Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

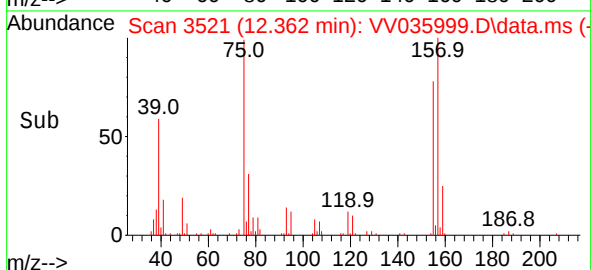
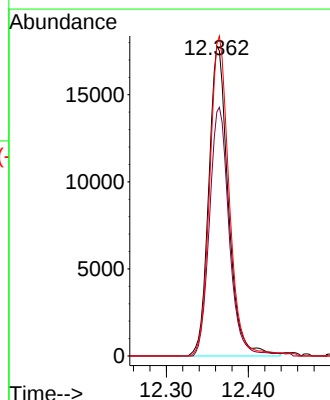
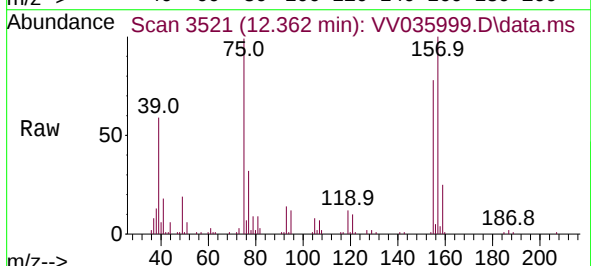
Tgt Ion: 75 Resp: 29477

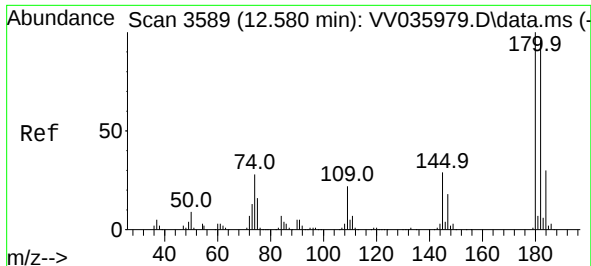
Ion Ratio Lower Upper

75 100

155 78.7 63.3 94.9

157 100.6 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 26.848 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV035999.D

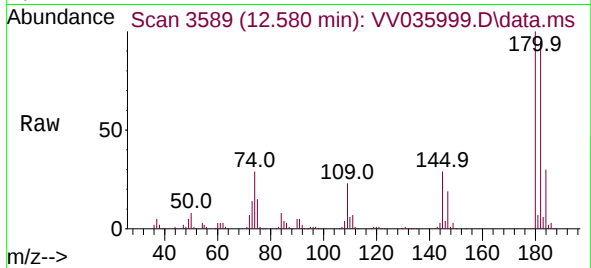
Acq: 06 Jun 2024 20:04

Instrument :

MSVOA_V

ClientSampleId :

A4BP6MSD



Tgt Ion:180 Resp: 224219

Ion Ratio Lower Upper

180 100

182 96.0 76.2 114.4

184 30.1 24.2 36.2

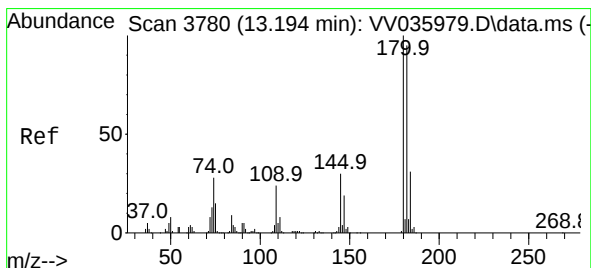
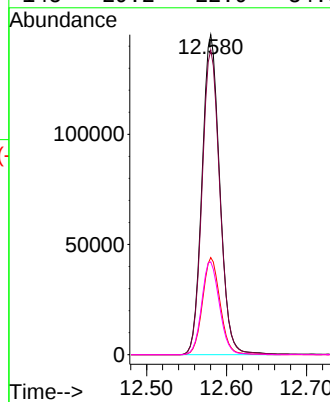
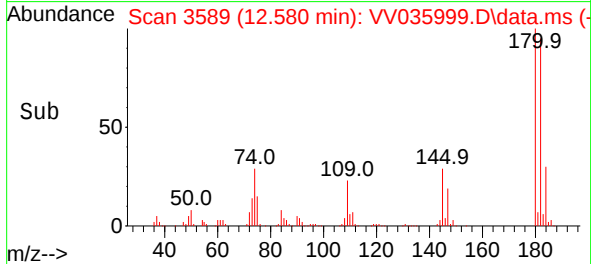
145 29.2 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#70

1,2,4-trichlorobenzene

Concen: 27.687 ug/L

RT: 13.198 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035999.D

Acq: 06 Jun 2024 20:04

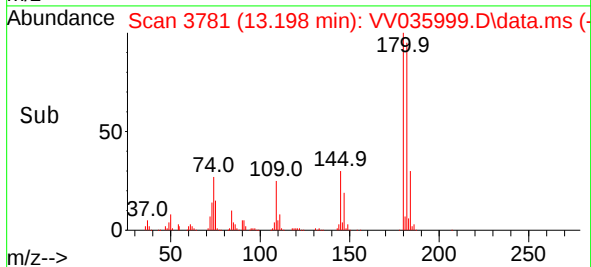
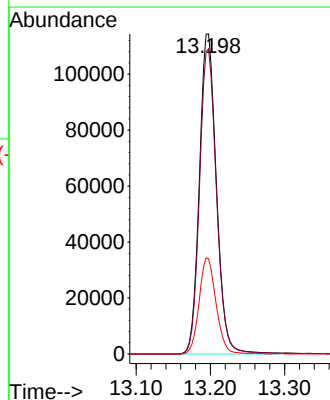
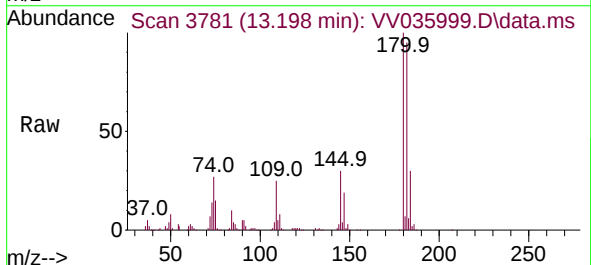
Tgt Ion:180 Resp: 182060

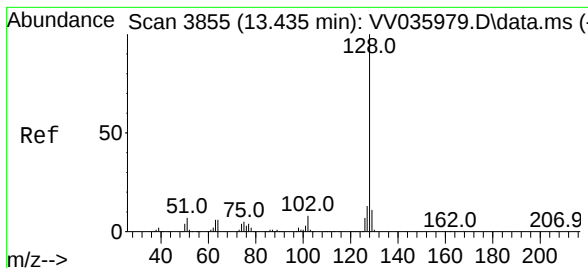
Ion Ratio Lower Upper

180 100

182 94.7 76.1 114.1

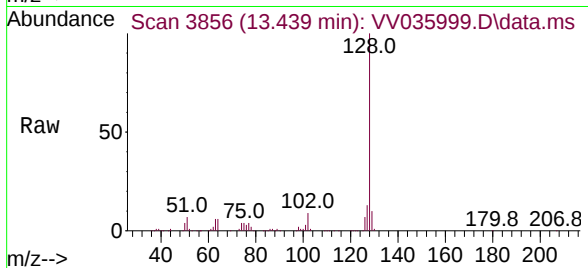
145 29.7 23.5 35.3





#71
Naphthalene
Concen: 32.834 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

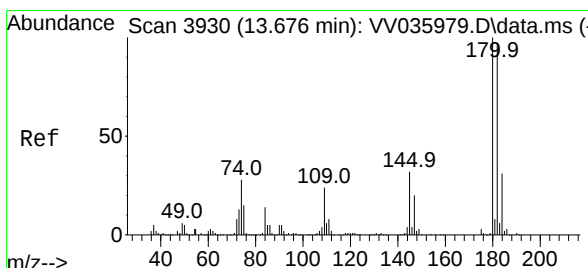
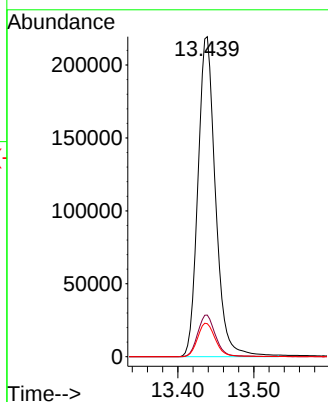
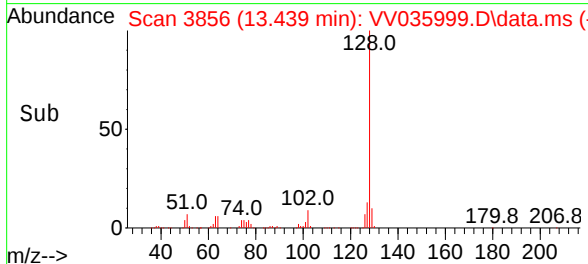
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MSD



Tgt Ion:128 Resp: 35235
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.6 8.8 13.2

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#72
1,2,3-Trichlorobenzene
Concen: 29.324 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035999.D
Acq: 06 Jun 2024 20:04

Tgt Ion:180 Resp: 175960
Ion Ratio Lower Upper
180 100
182 96.1 75.1 112.7
145 31.5 25.2 37.8

