

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060624\
 Data File : VW035998.D
 Acq On : 06 Jun 2024 19:41
 Operator : SY/MD
 Sample : P2754-06MS
 Misc : 5.45g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A4BP6MS

Manual Integrations
 APPROVED

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

Quant Time: Jun 08 02:18:17 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	424338	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	351245	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	115837	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	93586	11.996	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	48.000%
7) Chloroethane-d5	1.529	69	97179	15.622	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	62.480%
11) 1,1-Dichloroethene-d2	2.053	65	41625	11.985	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	47.960%
21) 2-Butanone-d5	3.854	46	52277	29.206	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	58.420%
24) Chloroform-d	4.246	84	264992	19.643	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.560%
26) 1,2-Dichloroethane-d4	4.941	65	155993	22.054	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.957	84	430727	20.630	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	82.520%
36) 1,2-Dichloropropane-d6	5.989	67	164261	24.983	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.920%
41) Toluene-d8	7.243	98	313682	17.027	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.120%
43) trans-1,3-Dichloroprop...	7.555	79	47008	17.437	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.760%
47) 2-Hexanone-d5	8.037	63	34835	39.105	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.200%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	125278	25.498	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.558	152	74433	17.522	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	70.080%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	94100	12.299	ug/L	99
3) Chloromethane	1.214	50	96757	11.019	ug/L	98
5) Vinyl chloride	1.278	62	112532	12.173	ug/L	99
6) Bromomethane	1.484	94	60299	10.515	ug/L	97
8) Chloroethane	1.545	64	80875	14.075	ug/L	97
9) Trichlorofluoromethane	1.709	101	168621	14.688	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	114020	15.650	ug/L	100
12) 1,1-Dichloroethene	2.063	96	93854	13.812	ug/L	97
13) Acetone	2.153	43	62996m	22.594	ug/L	
14) Carbon disulfide	2.233	76	150216	6.366	ug/L	100
15) Methyl Acetate	2.391	43	48336	13.947	ug/L	99
16) Methylene chloride	2.442	84	170488	17.756	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	102133	14.149	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	375910	23.198	ug/L	100
19) 1,1-Dichloroethane	3.108	63	259274	18.861	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	132687	18.294	ug/L	99
22) 2-Butanone	3.918	43	83294	35.207	ug/L #	78
23) Bromochloromethane	4.146	128	68498	18.828	ug/L	98
25) Chloroform	4.272	83	280341	19.826	ug/L	99

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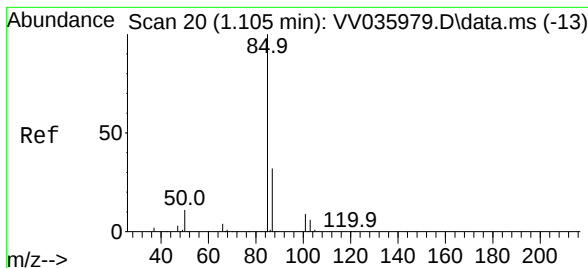
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	171632	19.442	ug/L	98
29) Cyclohexane	4.577	56	118139	14.126	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	204825	21.330	ug/L	99
31) Carbon tetrachloride	4.732	117	164897	19.574	ug/L	100
33) Benzene	5.008	78	487195	21.208	ug/L	100
34) Trichloroethene	5.831	95	144371	20.505	ug/L	97
35) Methylcyclohexane	6.047	83	132751	13.634	ug/L	99
37) 1,2-Dichloropropane	6.092	63	153228	25.402	ug/L	100
38) Bromodichloromethane	6.432	83	201949	25.294	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	171359	18.993	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	177635	54.202	ug/L	100
42) Toluene	7.313	91	503984	21.470	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	160847	20.640	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	132571	26.562	ug/L	99
46) Tetrachloroethene	7.902	164	90216	17.520	ug/L	98
48) 2-Hexanone	8.082	43	112741	44.003	ug/L	99
49) Dibromochloromethane	8.175	129	143027	26.184	ug/L	100
50) 1,2-Dibromoethane	8.281	107	111761	23.337	ug/L	98
51) Chlorobenzene	8.812	112	346403	21.658	ug/L	99
52) Ethylbenzene	8.944	91	532599	21.207	ug/L	100
53) m,p-Xylene	9.072	106	202940	21.505	ug/L	99
54) o-Xylene	9.477	106	199510	22.419	ug/L	97
55) Styrene	9.493	104	338239	21.553	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	125077	27.987	ug/L	99
59) Bromoform	9.664	173	89275	40.867	ug/L	99
60) Isopropylbenzene	9.866	105	526933	35.457	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	118792	43.361	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	403604	37.453	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	413721	35.633	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	273695	35.069	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	277298	34.423	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	263890	35.932	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	26055	42.530	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	163941	28.082	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	129835	28.246	ug/L	99
71) Naphthalene	13.439	128	248148	33.080	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	116871	27.862	ug/L	99

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



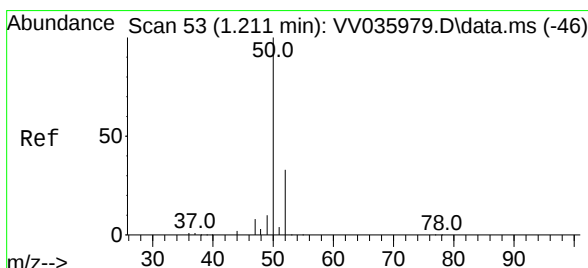
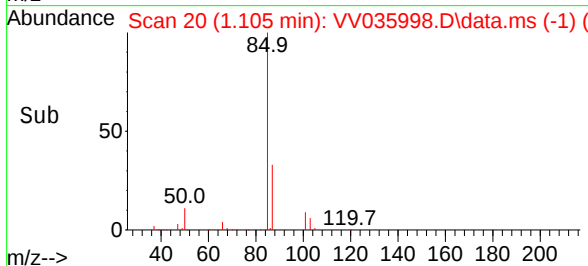
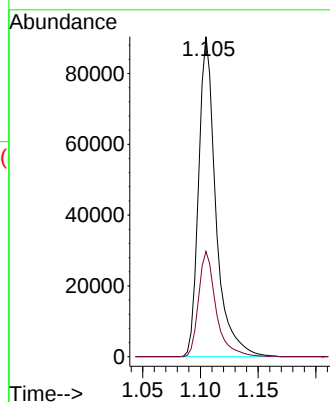
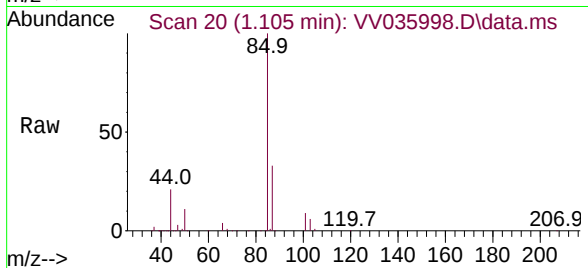
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Dichlorodifluoromethane
Concen: 12.299 ug/L
RT: 1.105 min Scan# 20
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS

Tgt Ion: 85 Resp: 94100
Ion Ratio Lower Upper
85 100
87 33.2 25.9 38.9

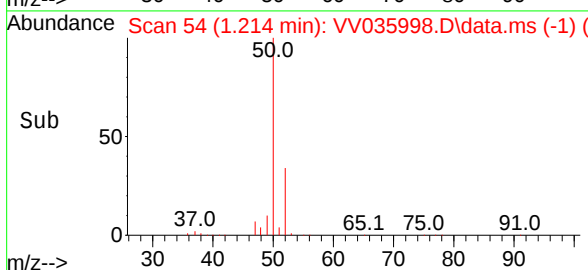
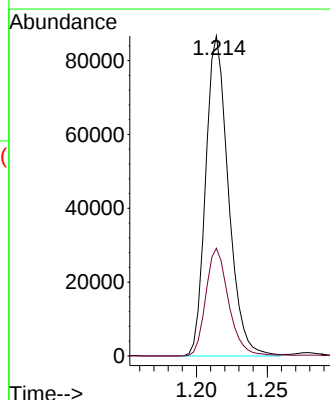
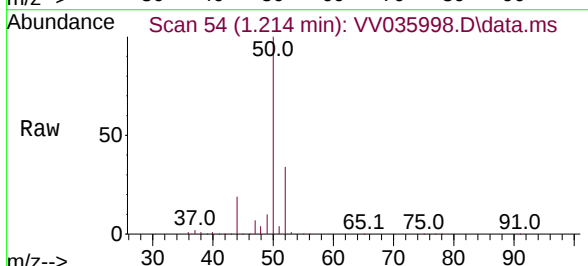
Manual Integrations
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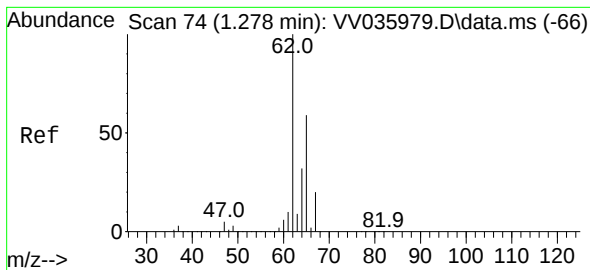
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#3
Chloromethane
Concen: 11.019 ug/L
RT: 1.214 min Scan# 54
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

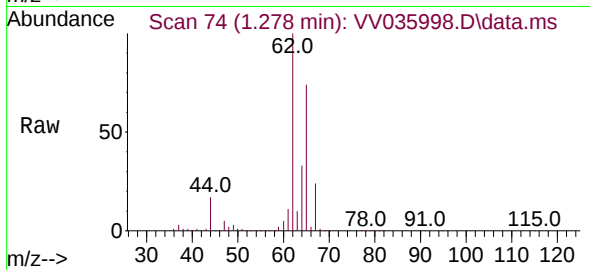
Tgt Ion: 50 Resp: 96757
Ion Ratio Lower Upper
50 100
52 33.7 22.8 42.4





#5
 Vinyl chloride
 Concen: 12.173 ug/L
 RT: 1.278 min Scan# 74
 Delta R.T. 0.000 min
 Lab File: VV035998.D
 Acq: 06 Jun 2024 19:41

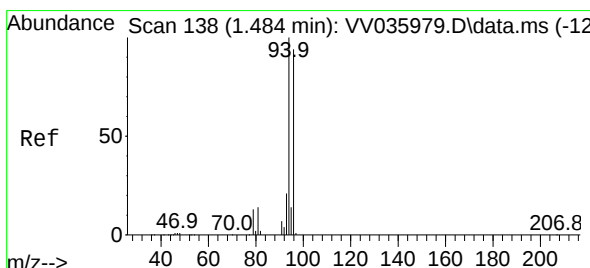
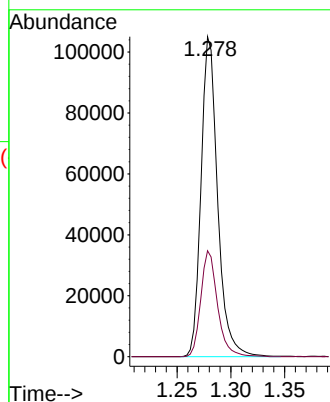
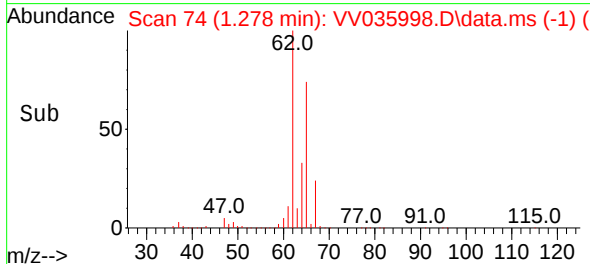
Instrument :
 MSVOA_V
 ClientSampleId :
 A4BP6MS



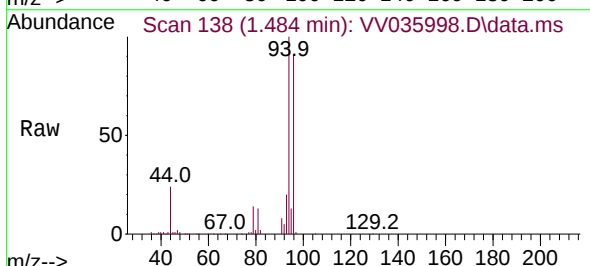
Tgt Ion: 62 Resp: 11253
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5

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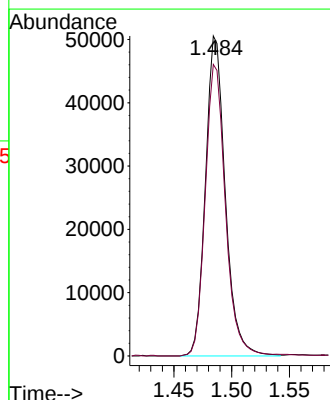
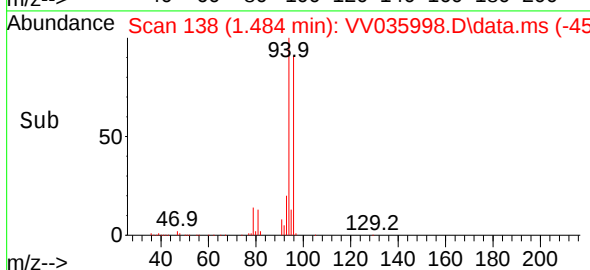
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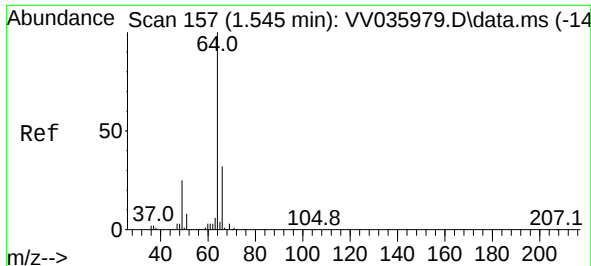


#6
 Bromomethane
 Concen: 10.515 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. 0.000 min
 Lab File: VV035998.D
 Acq: 06 Jun 2024 19:41



Tgt Ion: 94 Resp: 60299
 Ion Ratio Lower Upper
 94 100
 96 91.1 65.7 122.1





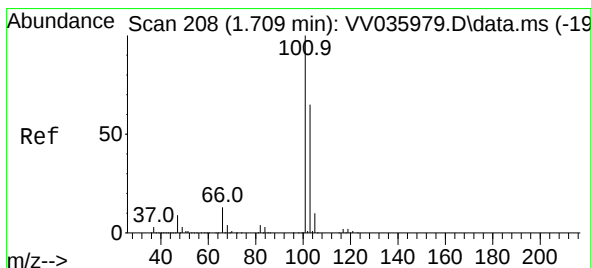
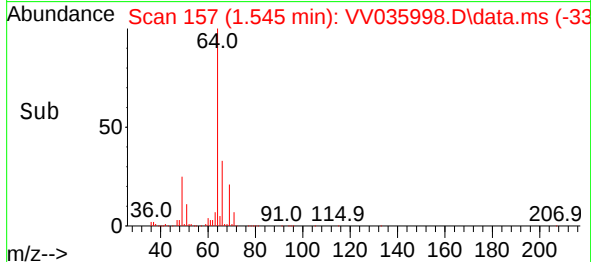
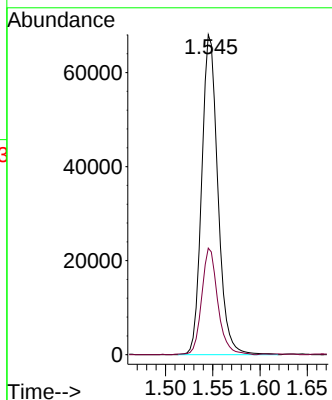
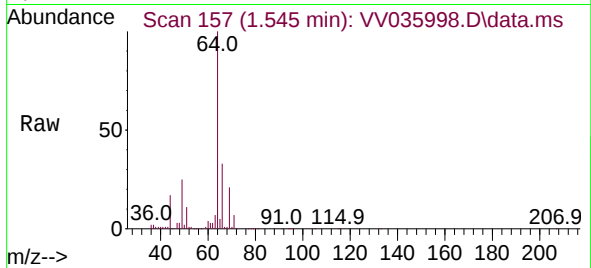
#8
Chloroethane
Concen: 14.075 ug/L
RT: 1.545 min Scan# 157
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS

Tgt Ion: 64 Resp: 80875
Ion Ratio Lower Upper
64 100
66 33.3 22.0 41.0

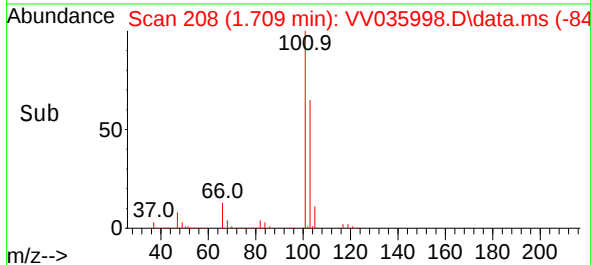
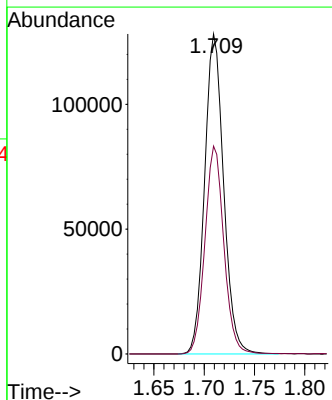
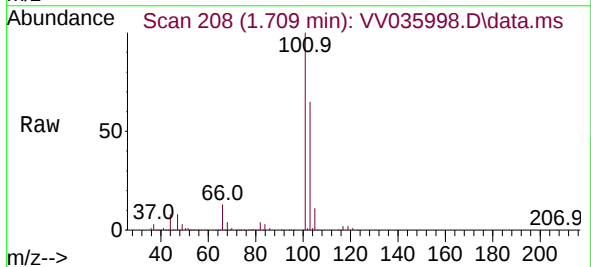
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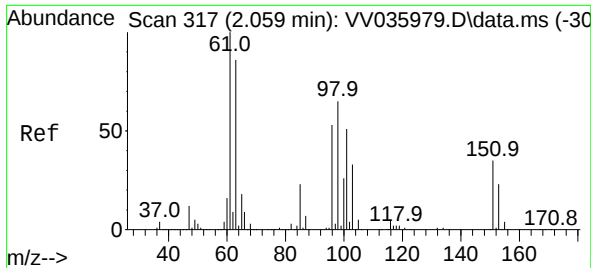
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#9
Trichlorofluoromethane
Concen: 14.688 ug/L
RT: 1.709 min Scan# 208
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Tgt Ion:101 Resp: 168621
Ion Ratio Lower Upper
101 100
103 64.7 51.8 77.8





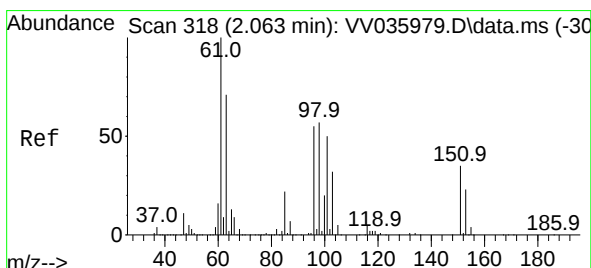
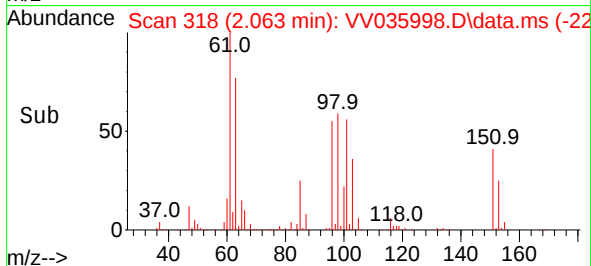
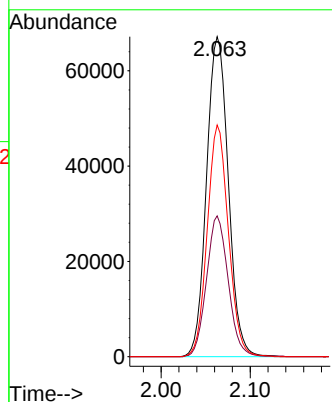
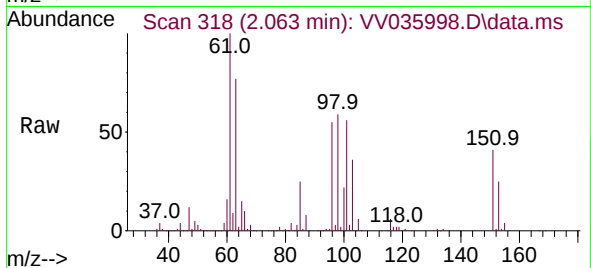
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.650 ug/L
RT: 2.063 min Scan# 317
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS

Tgt Ion:101 Resp: 114020
Ion Ratio Lower Upper
101 100
85 43.8 34.5 51.7
151 70.3 56.3 84.5

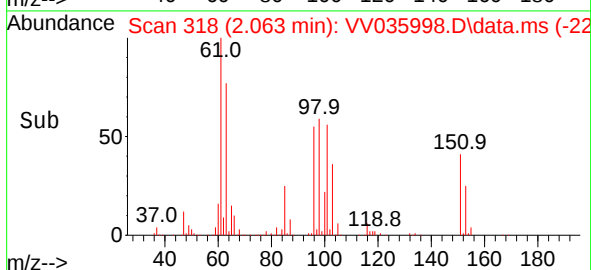
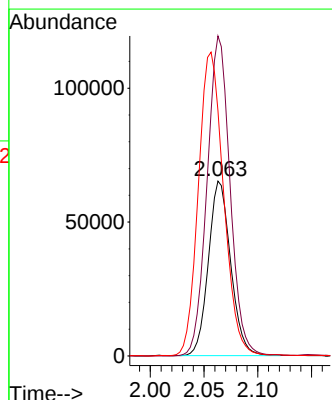
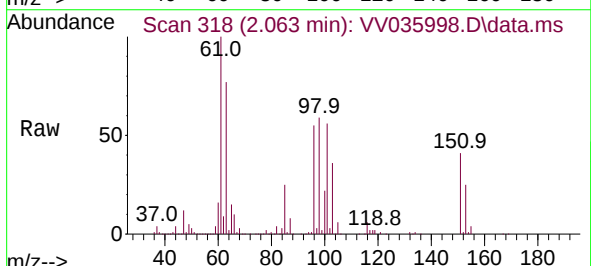
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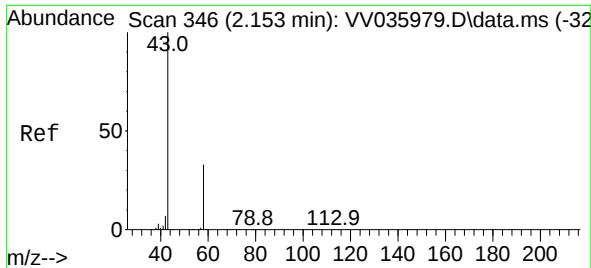
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#12
1,1-Dichloroethene
Concen: 13.812 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

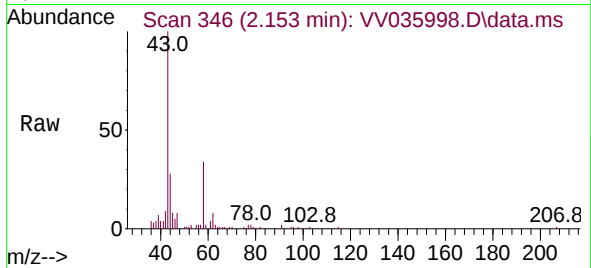
Tgt Ion: 96 Resp: 93854
Ion Ratio Lower Upper
96 100
61 183.0 127.3 236.3
63 140.2 93.7 173.9





#13
Acetone
Concen: 22.594 ug/L m
RT: 2.153 min Scan# 346
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

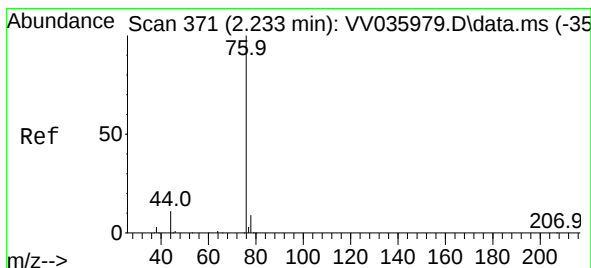
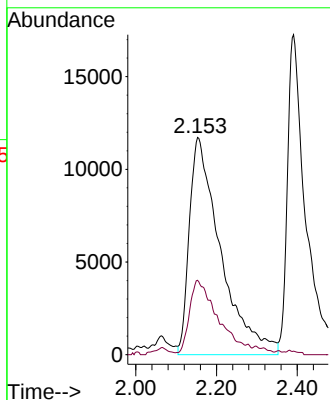
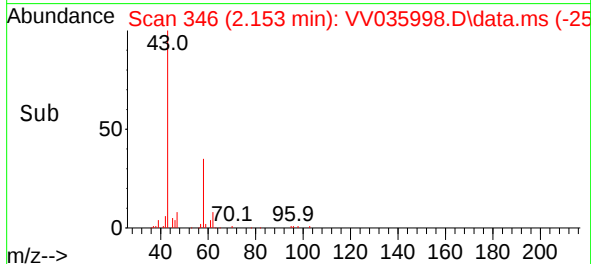
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



Tgt Ion: 43 Resp: 62990
Ion Ratio Lower Upper
43 100
58 18.1 0.0 24.2

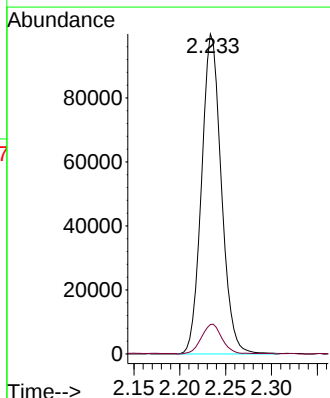
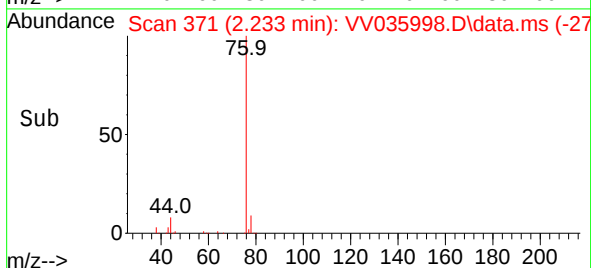
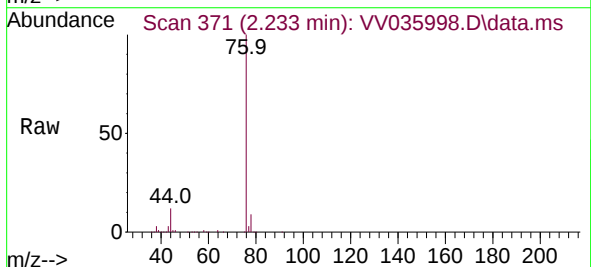
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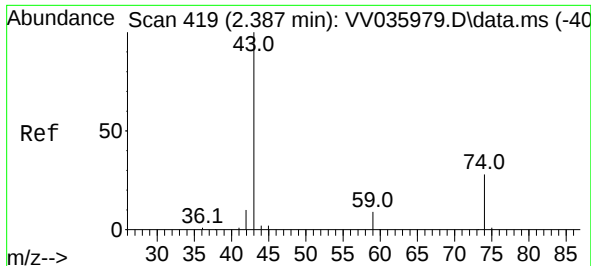
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#14
Carbon disulfide
Concen: 6.366 ug/L
RT: 2.233 min Scan# 371
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

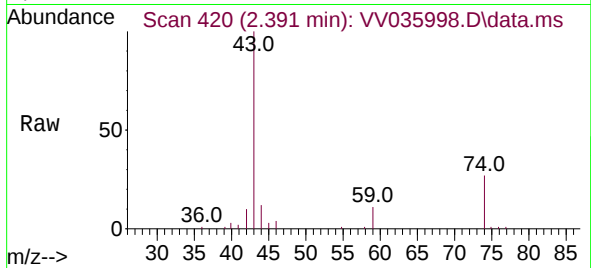
Tgt Ion: 76 Resp: 150216
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2





#15
Methyl Acetate
Concen: 13.947 ug/L
RT: 2.391 min Scan# 419
Delta R.T. 0.006 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

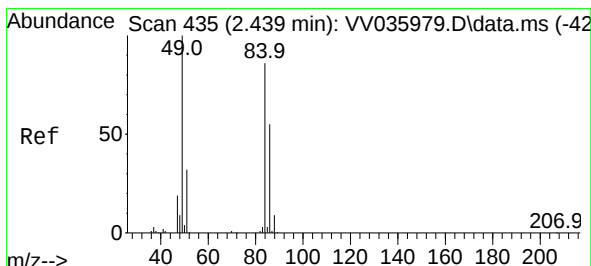
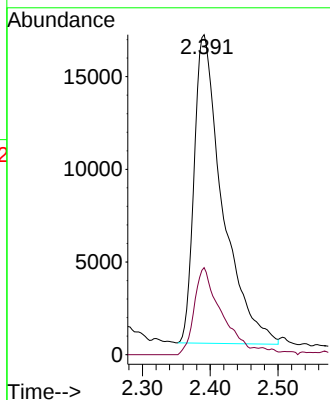
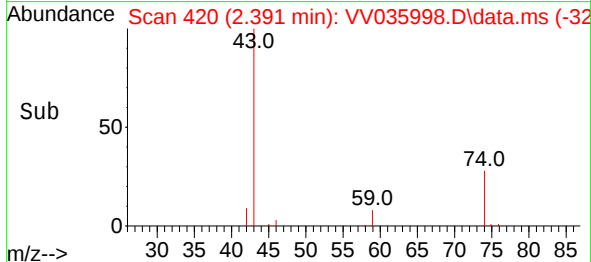
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



Tgt Ion: 43 Resp: 48336
Ion Ratio Lower Upper
43 100
74 26.5 21.4 32.2

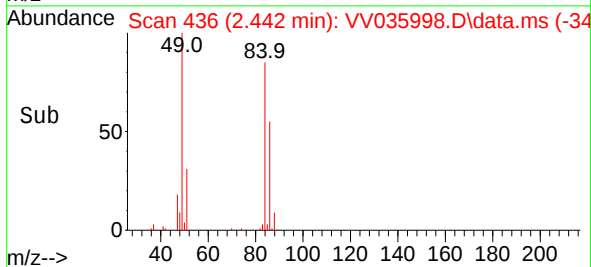
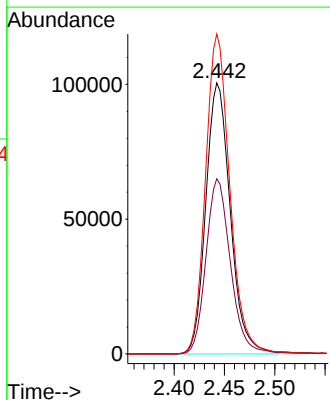
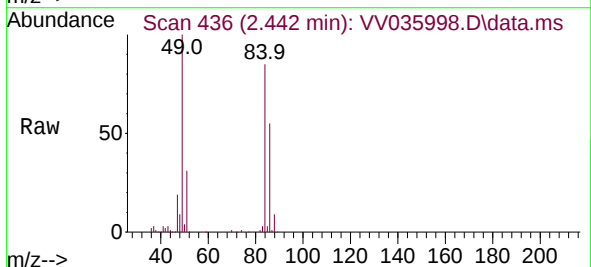
Manual Integrations
APPROVED

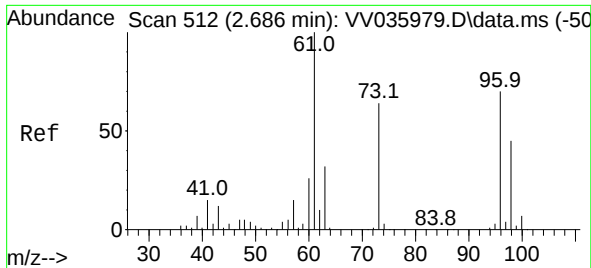
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#16
Methylene chloride
Concen: 17.756 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

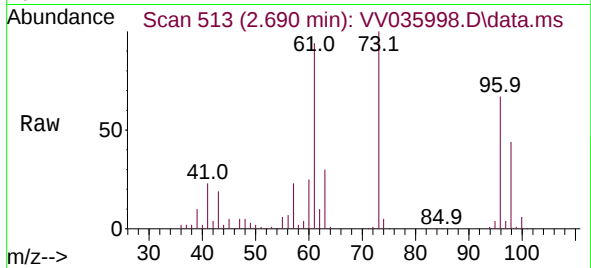
Tgt Ion: 84 Resp: 170488
Ion Ratio Lower Upper
84 100
86 64.6 44.6 82.8
49 118.0 81.1 150.5





#17
trans-1,2-Dichloroethene
Concen: 14.149 ug/L
RT: 2.690 min Scan# 512
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

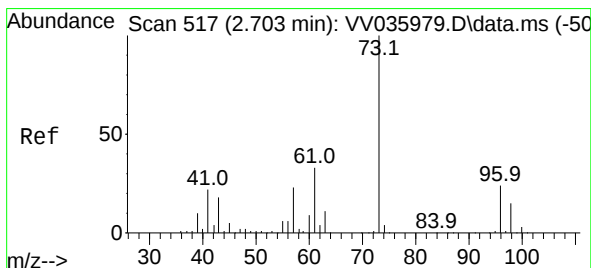
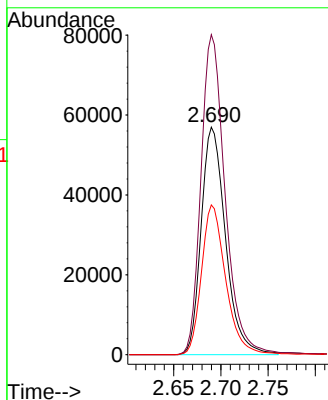
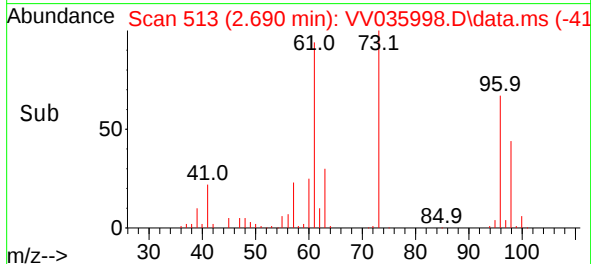
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



Tgt Ion: 96 Resp: 10213
Ion Ratio Lower Upper
96 100
61 140.7 99.4 184.6
98 65.9 44.9 83.3

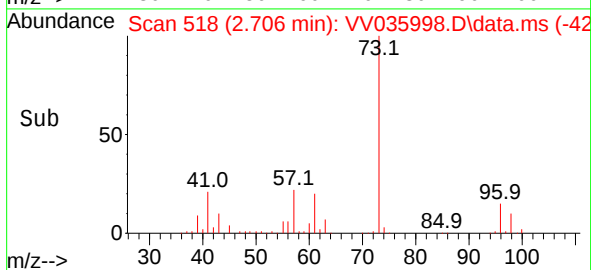
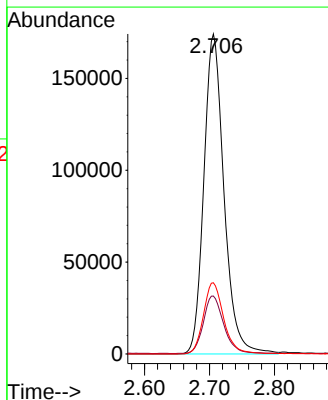
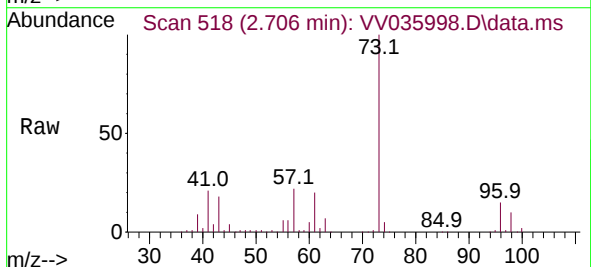
Manual Integrations
APPROVED

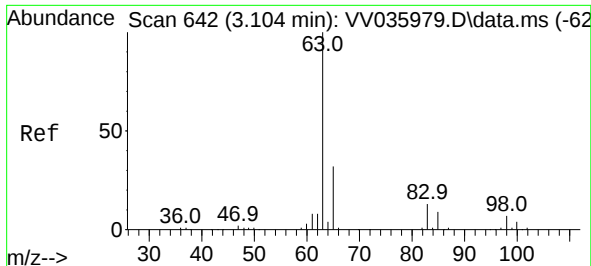
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#18
Methyl tert-butyl Ether
Concen: 23.198 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

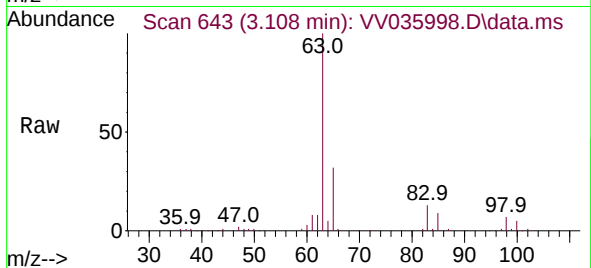
Tgt Ion: 73 Resp: 375910
Ion Ratio Lower Upper
73 100
43 17.8 14.3 21.5
57 22.4 17.8 26.6





#19
1,1-Dichloroethane
Concen: 18.861 ug/L
RT: 3.108 min Scan# 642
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

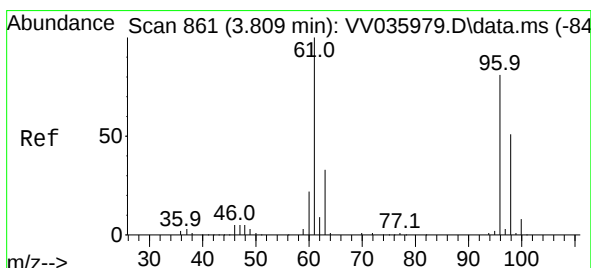
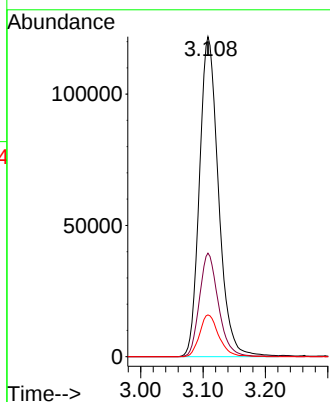
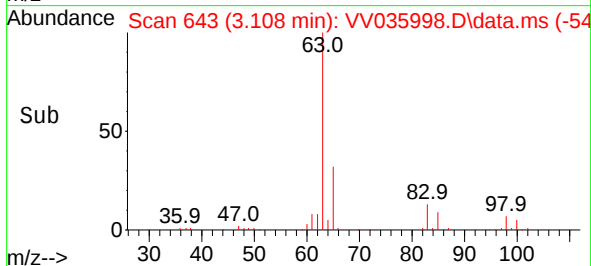
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



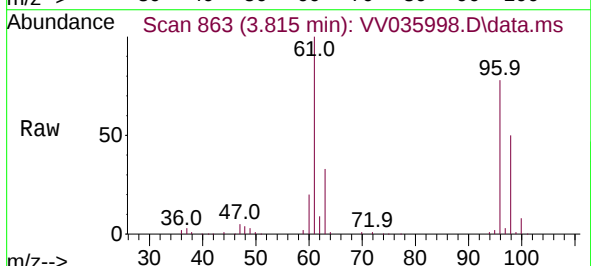
Tgt Ion: 63 Resp: 259274
Ion Ratio Lower Upper
63 100
65 32.3 22.4 41.6
83 13.1 9.2 17.0

Manual Integrations
APPROVED

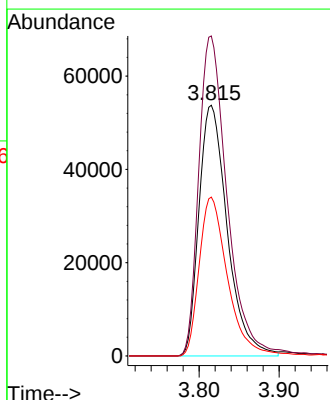
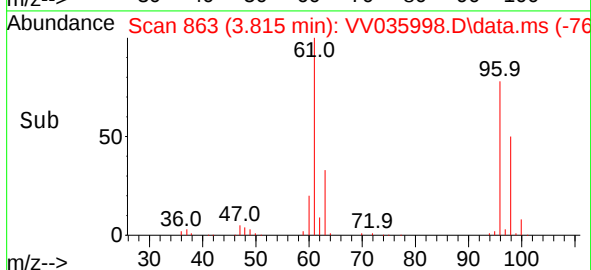
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

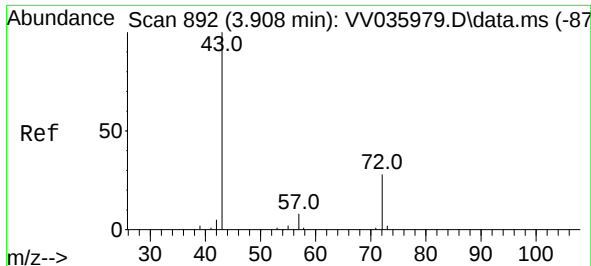


#20
cis-1,2-Dichloroethene
Concen: 18.294 ug/L
RT: 3.815 min Scan# 863
Delta R.T. 0.006 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41



Tgt Ion: 96 Resp: 132687
Ion Ratio Lower Upper
96 100
61 127.6 87.9 163.3
98 63.4 44.4 82.5





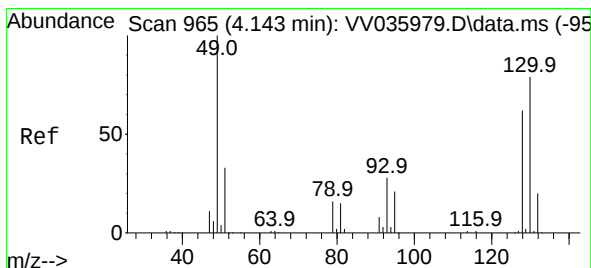
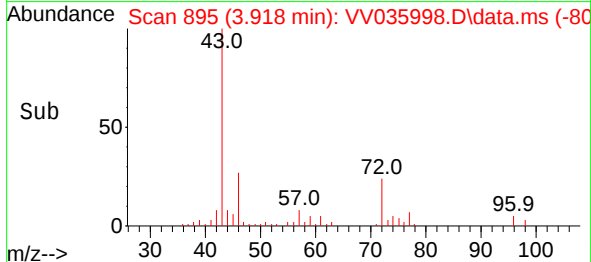
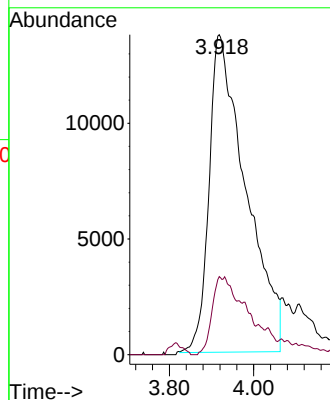
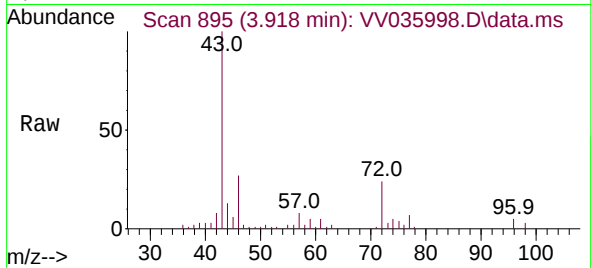
#22
2-Butanone
Concen: 35.207 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS

Tgt Ion: 43 Resp: 83294
Ion Ratio Lower Upper
43 100
72 6.8 8.2 24.4

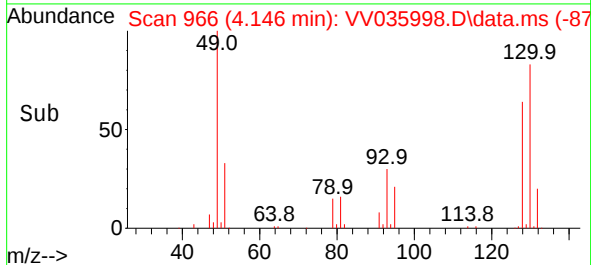
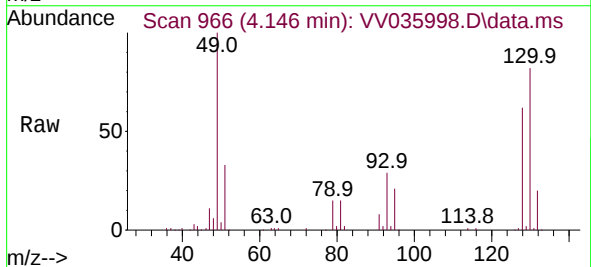
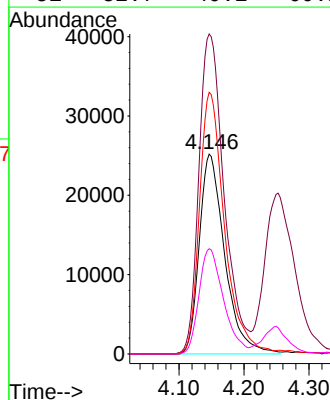
Manual Integrations
APPROVED

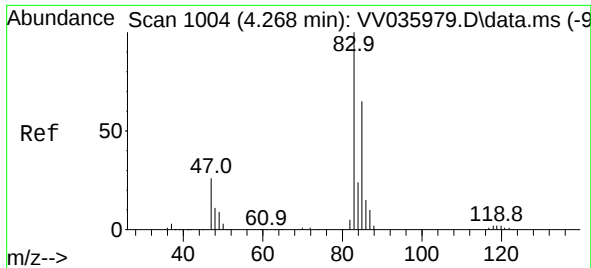
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#23
Bromochloromethane
Concen: 18.828 ug/L
RT: 4.146 min Scan# 966
Delta R.T. 0.006 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Tgt Ion:128 Resp: 68498
Ion Ratio Lower Upper
128 100
49 160.1 110.2 204.6
130 130.9 90.2 167.4
51 52.7 40.2 60.2





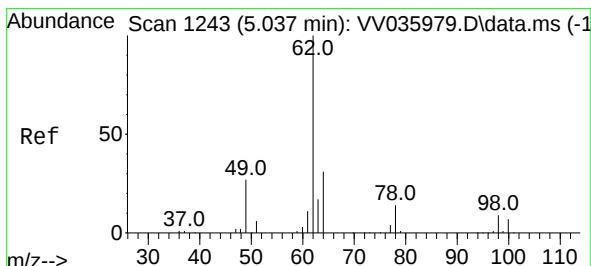
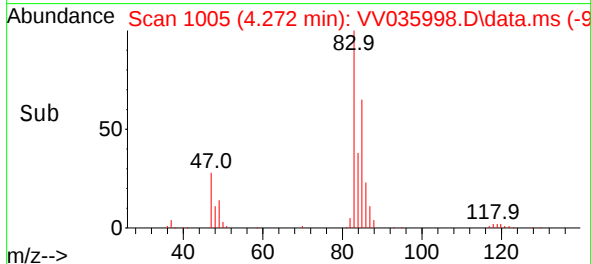
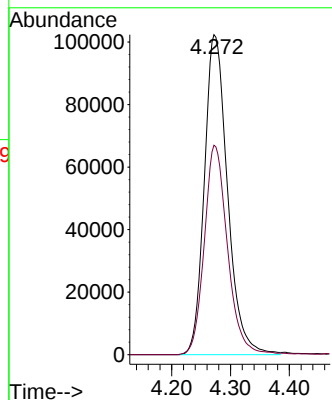
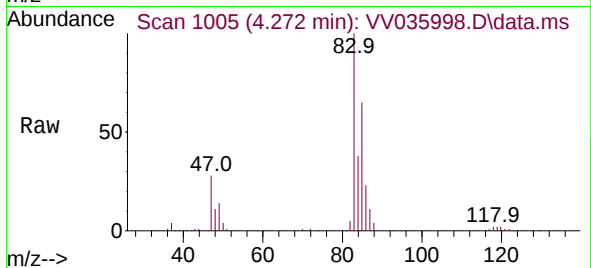
#25
Chloroform
Concen: 19.826 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS

Tgt Ion: 83 Resp: 28034
Ion Ratio Lower Upper
83 100
85 65.4 45.2 84.0

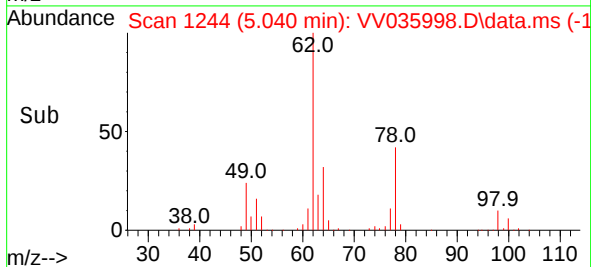
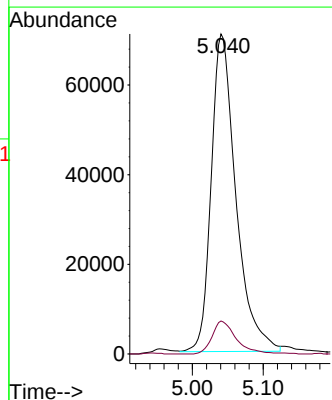
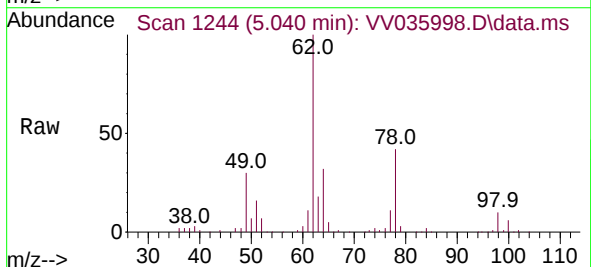
Manual Integrations
APPROVED

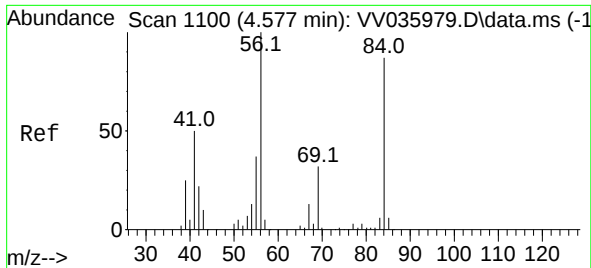
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#27
1,2-Dichloroethane
Concen: 19.442 ug/L
RT: 5.040 min Scan# 1244
Delta R.T. 0.006 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

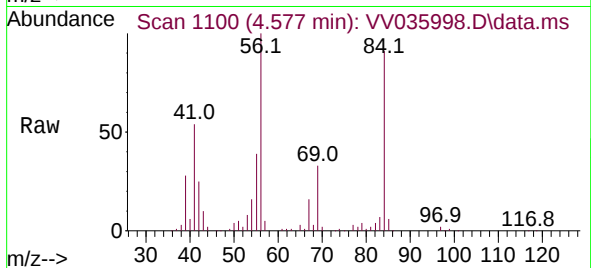
Tgt Ion: 62 Resp: 171632
Ion Ratio Lower Upper
62 100
98 10.3 7.8 11.6





#29
Cyclohexane
Concen: 14.126 ug/L
RT: 4.577 min Scan# 1100
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

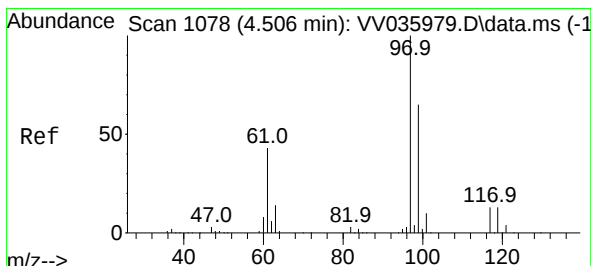
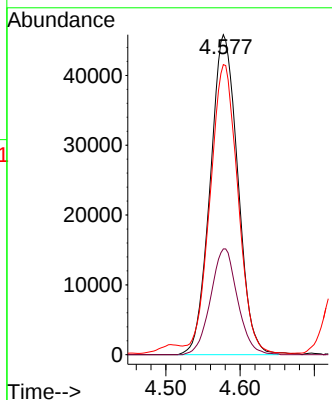
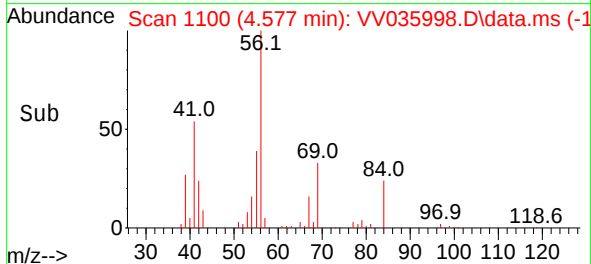
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



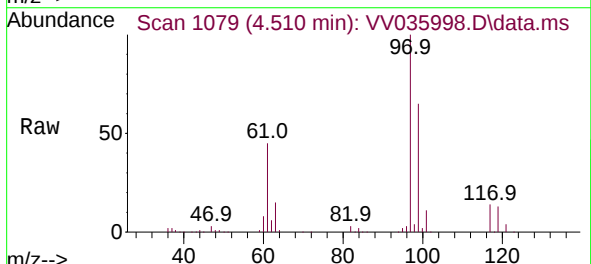
Tgt Ion: 56 Resp: 118139
Ion Ratio Lower Upper
56 100
69 32.3 25.2 37.8
84 90.3 72.2 108.2

Manual Integrations
APPROVED

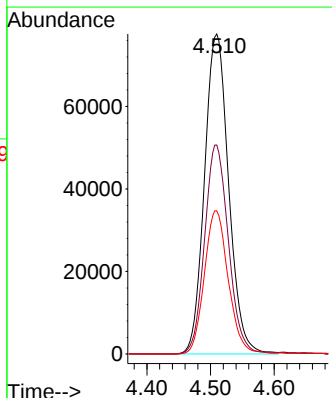
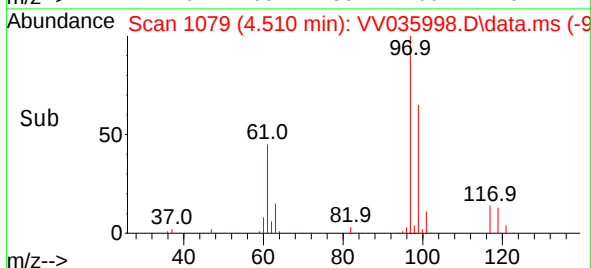
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

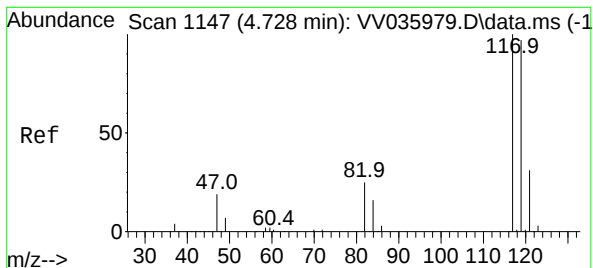


#30
1,1,1-Trichloroethane
Concen: 21.330 ug/L
RT: 4.510 min Scan# 1079
Delta R.T. 0.006 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41



Tgt Ion: 97 Resp: 204825
Ion Ratio Lower Upper
97 100
99 64.2 50.9 76.3
61 44.3 35.0 52.6





#31

Carbon tetrachloride

Concen: 19.574 ug/L

RT: 4.732 min Scan# 1148

Delta R.T. 0.006 min

Lab File: VV035998.D

Acq: 06 Jun 2024 19:41

Instrument :

MSVOA_V

ClientSampleId :

A4BP6MS

Tgt Ion:117 Resp: 16489

Ion Ratio Lower Upper

117 100

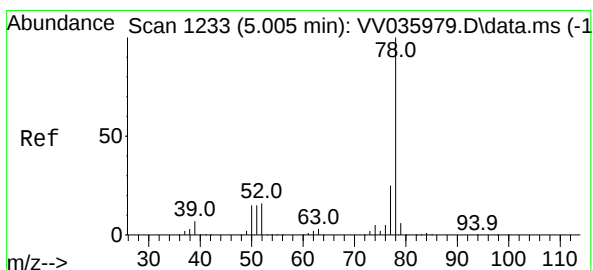
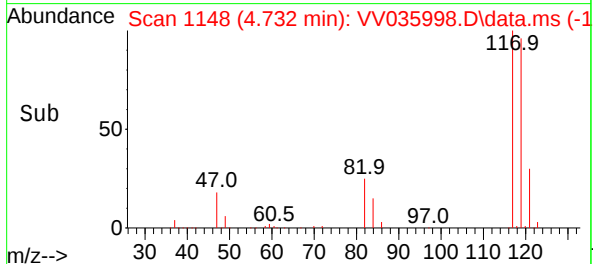
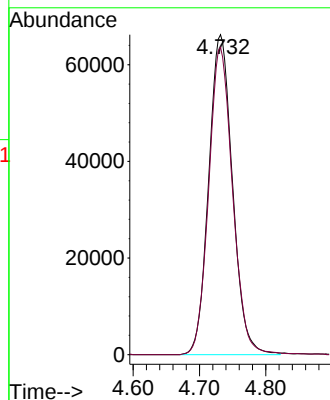
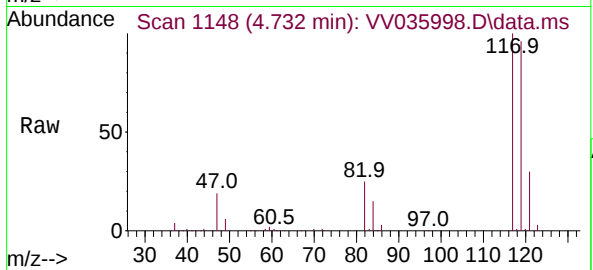
119 96.4 76.8 115.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#33

Benzene

Concen: 21.208 ug/L

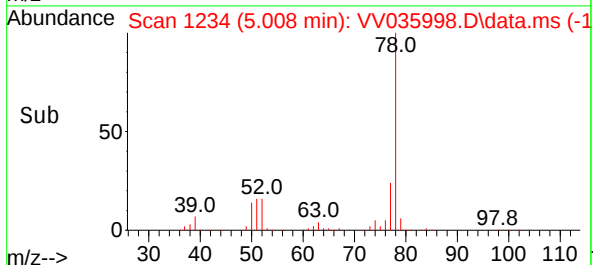
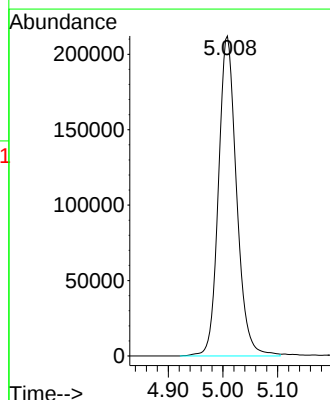
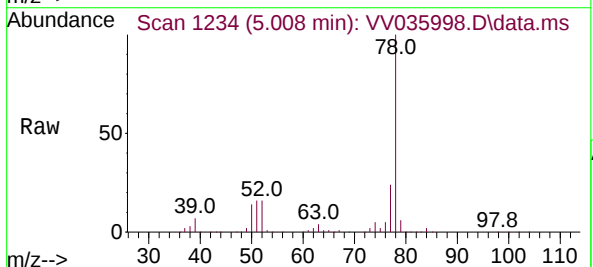
RT: 5.008 min Scan# 1234

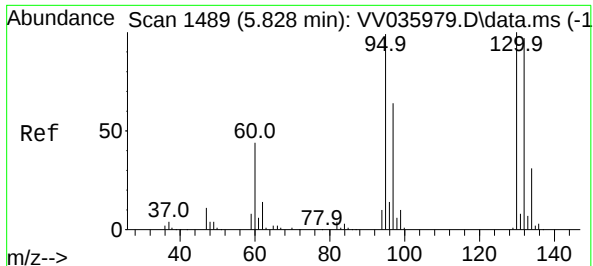
Delta R.T. 0.006 min

Lab File: VV035998.D

Acq: 06 Jun 2024 19:41

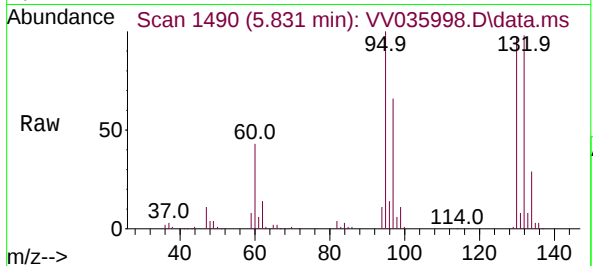
Tgt Ion: 78 Resp: 487195





#34
Trichloroethene
Concen: 20.505 ug/L
RT: 5.831 min Scan# 1489
Delta R.T. 0.006 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

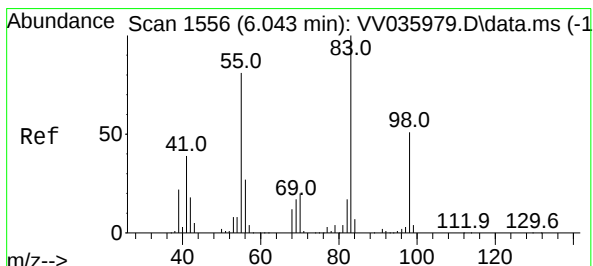
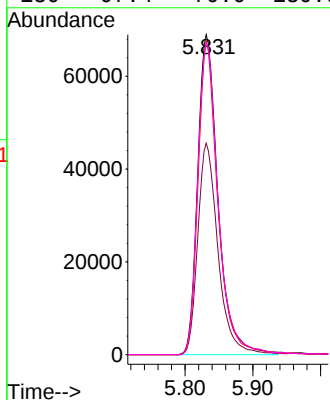
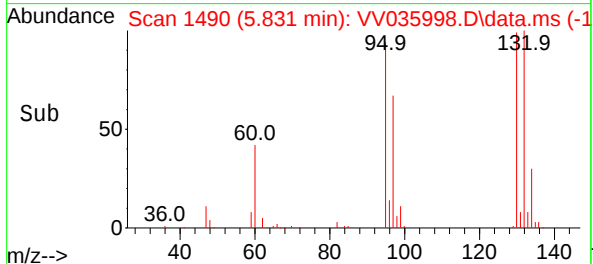
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



Tgt Ion: 95 Resp: 14437
Ion Ratio Lower Upper
95 100
97 66.0 44.8 83.2
132 97.9 66.8 124.2
130 97.4 70.0 130.0

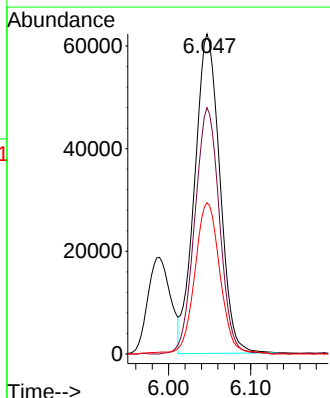
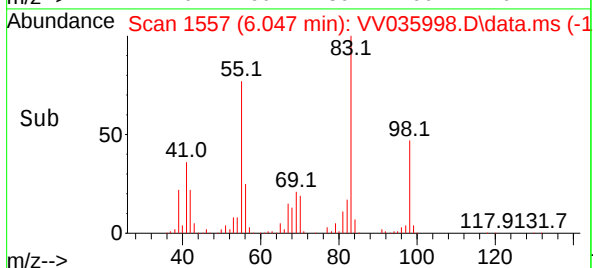
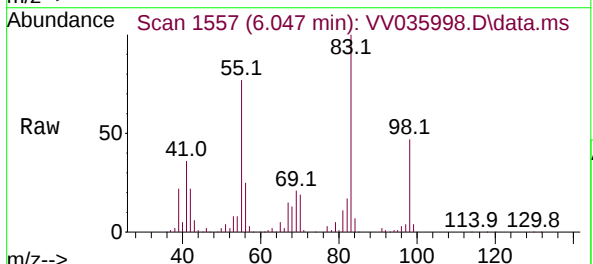
Manual Integrations
APPROVED

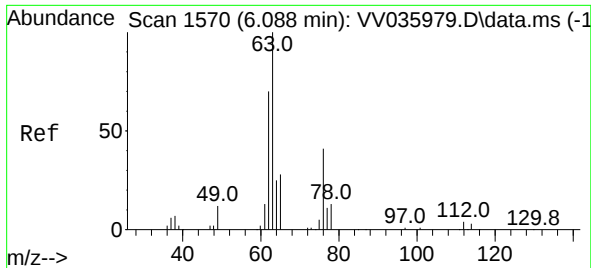
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#35
Methylcyclohexane
Concen: 13.634 ug/L
RT: 6.047 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

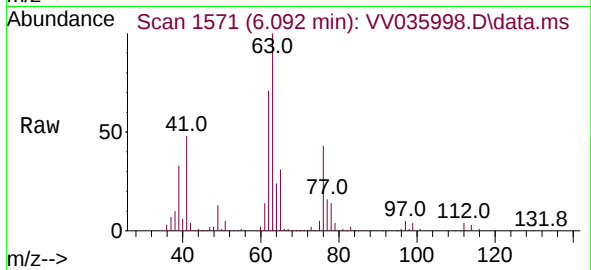
Tgt Ion: 83 Resp: 132751
Ion Ratio Lower Upper
83 100
55 75.6 60.7 91.1
98 47.1 38.7 58.1





#37
1,2-Dichloropropane
Concen: 25.402 ug/L
RT: 6.092 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

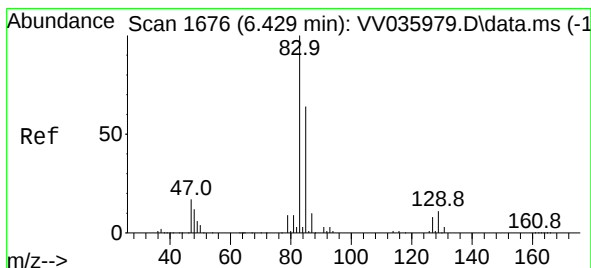
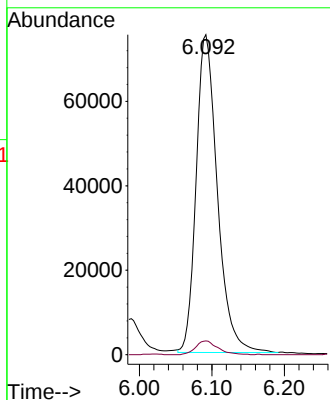
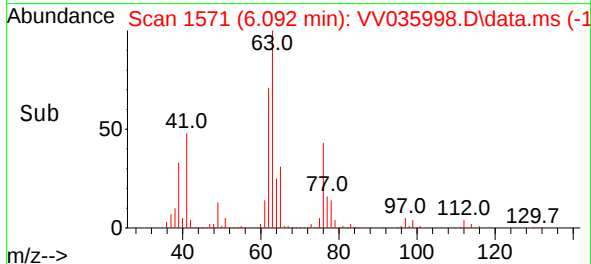
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



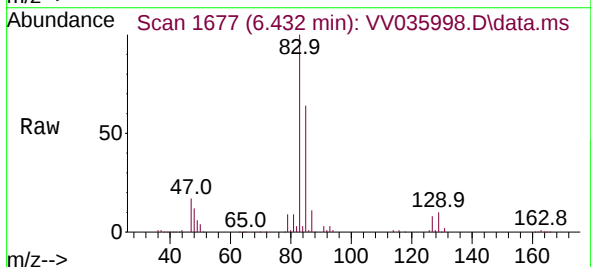
Tgt Ion: 63 Resp: 153228
Ion Ratio Lower Upper
63 100
112 4.5 3.5 5.3

Manual Integrations
APPROVED

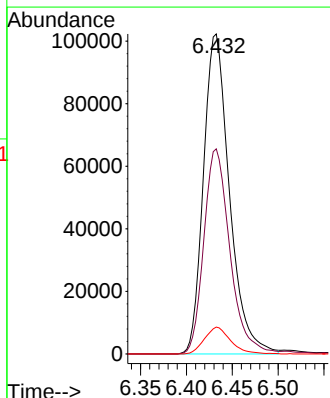
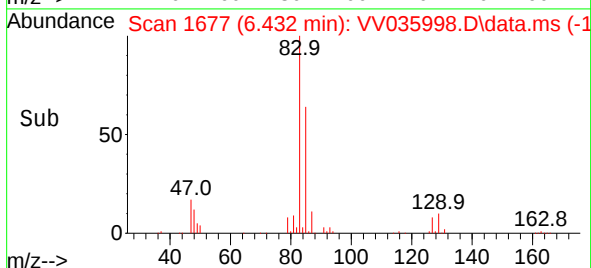
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

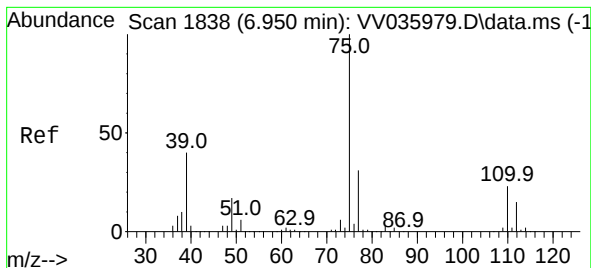


#38
Bromodichloromethane
Concen: 25.294 ug/L
RT: 6.432 min Scan# 1677
Delta R.T. 0.007 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41



Tgt Ion: 83 Resp: 201949
Ion Ratio Lower Upper
83 100
85 64.1 45.3 84.1
127 8.4 6.7 10.1





#39

cis-1,3-Dichloropropene

Concen: 18.993 ug/L

RT: 6.953 min Scan# 1838

Delta R.T. 0.003 min

Lab File: VV035998.D

Acq: 06 Jun 2024 19:41

Instrument :

MSVOA_V

ClientSampleId :

A4BP6MS

Tgt Ion: 75 Resp: 17135

Ion Ratio Lower Upper

75 100

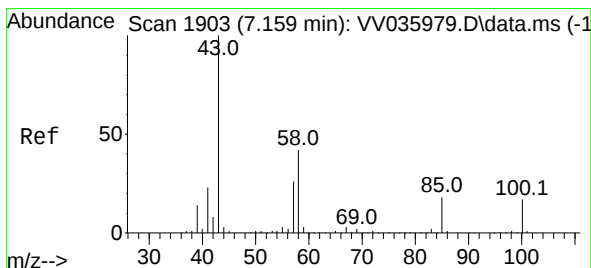
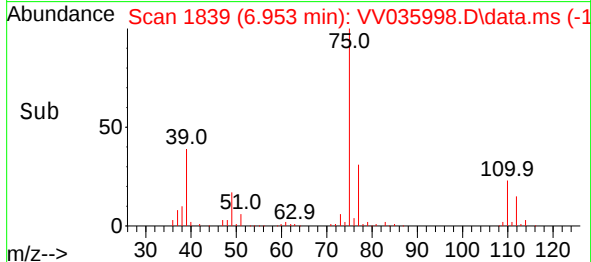
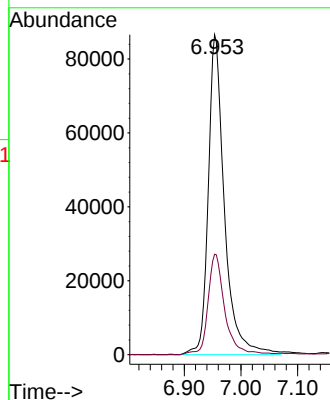
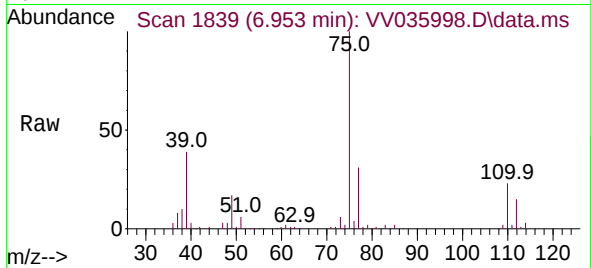
77 31.4 22.1 41.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#40

4-Methyl-2-pentanone

Concen: 54.202 ug/L

RT: 7.162 min Scan# 1904

Delta R.T. 0.003 min

Lab File: VV035998.D

Acq: 06 Jun 2024 19:41

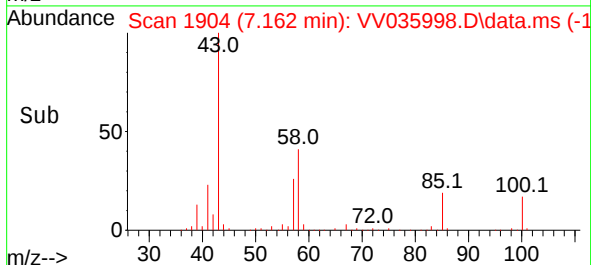
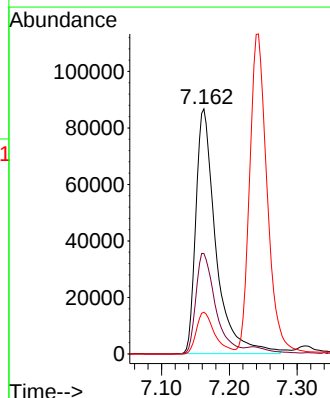
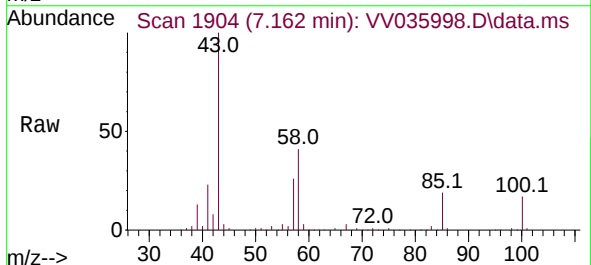
Tgt Ion: 43 Resp: 177635

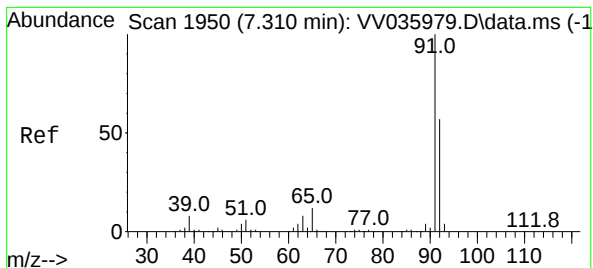
Ion Ratio Lower Upper

43 100

58 40.3 32.5 48.7

100 15.9 12.5 18.7





#42

Toluene

Concen: 21.470 ug/L

RT: 7.313 min Scan# 1950

Delta R.T. 0.003 min

Lab File: VV035998.D

Acq: 06 Jun 2024 19:41

Instrument :

MSVOA_V

ClientSampleId :

A4BP6MS

Tgt Ion: 91 Resp: 503984

Ion Ratio Lower Upper

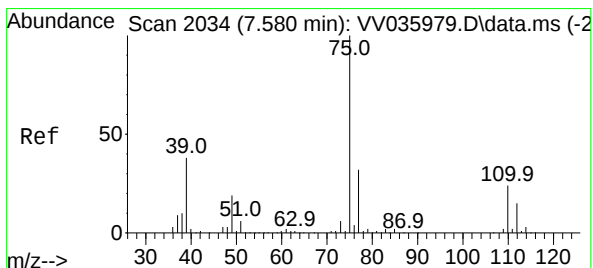
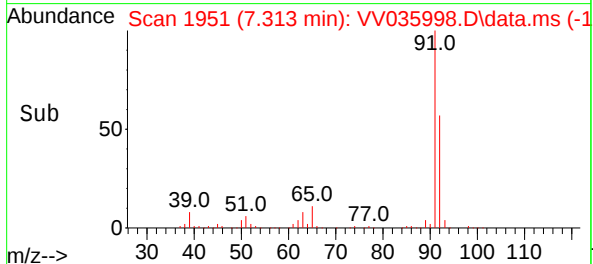
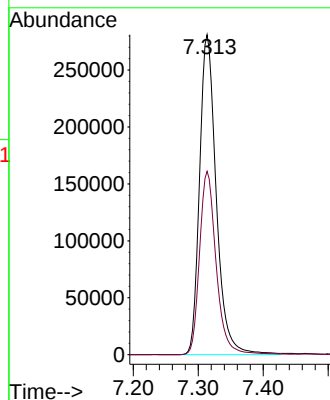
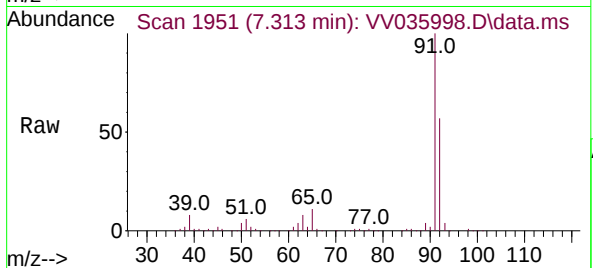
91 100

92 57.3 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: 20.640 ug/L

RT: 7.580 min Scan# 2034

Delta R.T. 0.003 min

Lab File: VV035998.D

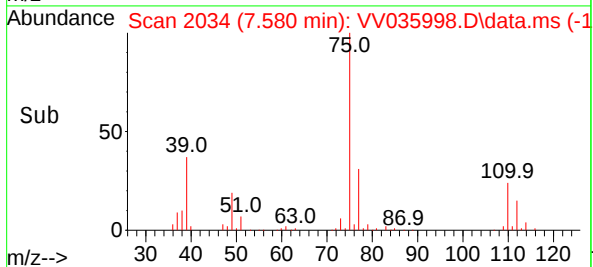
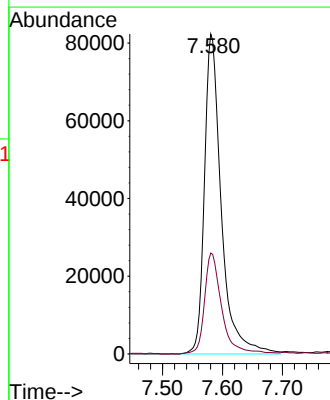
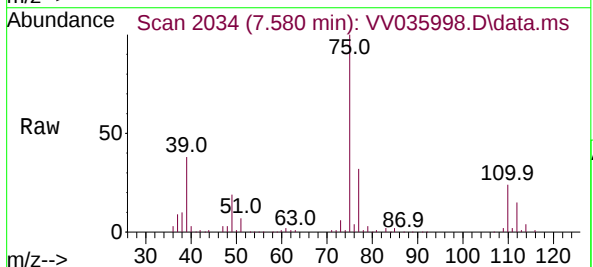
Acq: 06 Jun 2024 19:41

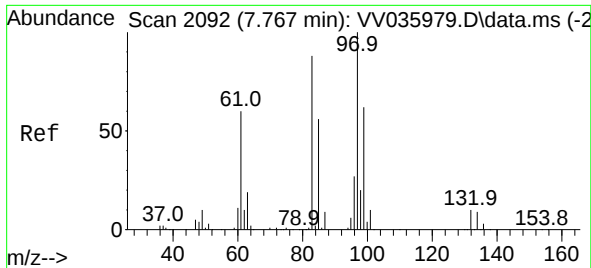
Tgt Ion: 75 Resp: 160847

Ion Ratio Lower Upper

75 100

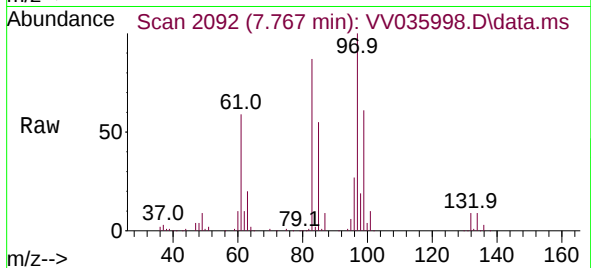
77 31.5 23.1 42.9





#45
1,1,2-Trichloroethane
Concen: 26.562 ug/L
RT: 7.767 min Scan# 2092
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS

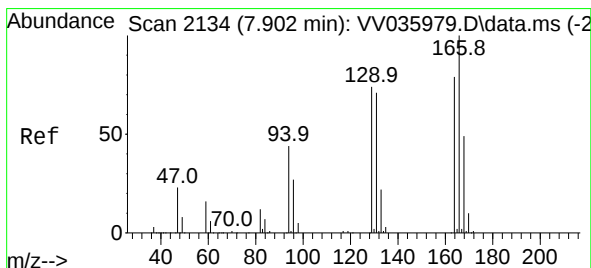
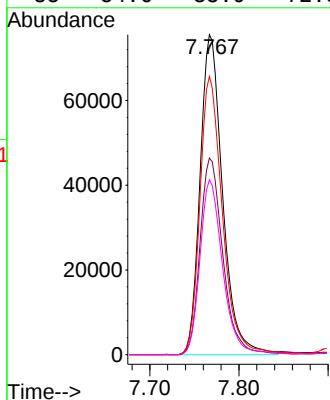
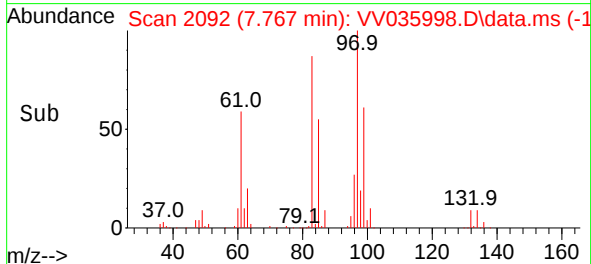


Tgt Ion: 97 Resp: 13257

Ion	Ratio	Lower	Upper
97	100		
99	61.4	43.3	80.5
83	87.0	60.1	111.7
85	54.6	38.9	72.3

Manual Integrations
APPROVED

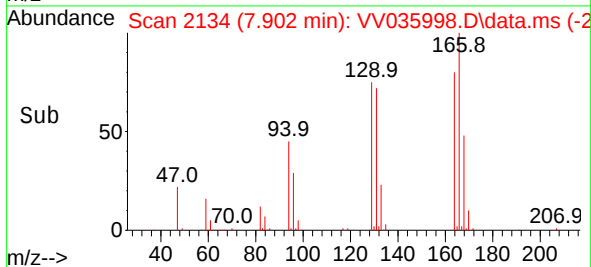
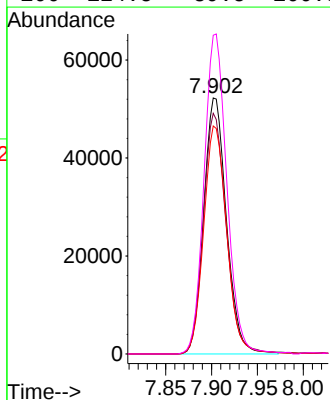
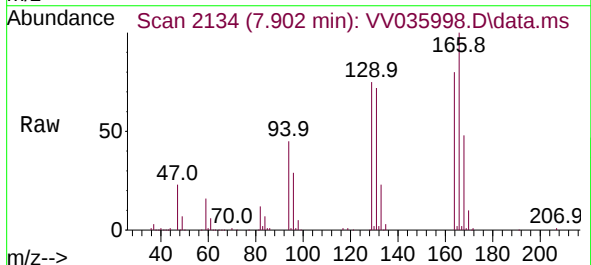
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

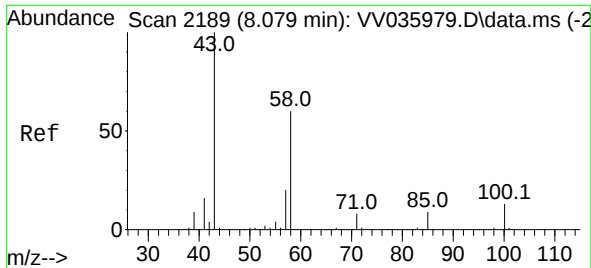


#46
Tetrachloroethene
Concen: 17.520 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Tgt Ion:164 Resp: 90216

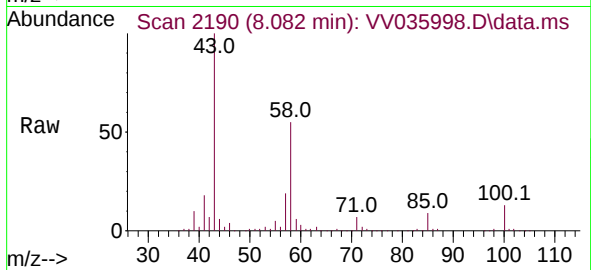
Ion	Ratio	Lower	Upper
164	100		
129	94.0	64.6	120.0
131	89.1	63.2	117.4
166	124.5	89.5	166.3





#48
2-Hexanone
Concen: 44.003 ug/L
RT: 8.082 min Scan# 2189
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

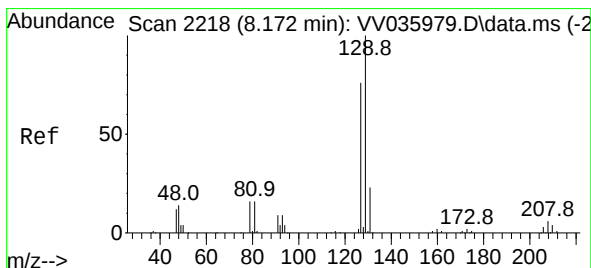
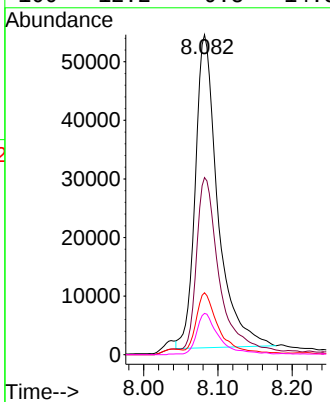
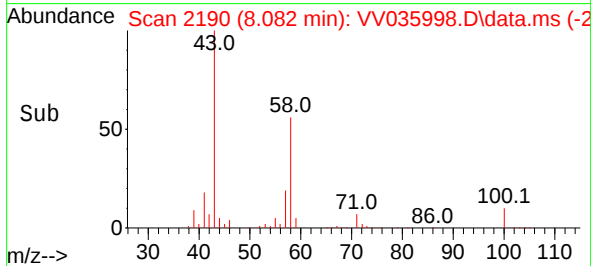
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



Tgt Ion: 43 Resp: 11274
Ion Ratio Lower Upper
43 100
58 56.3 45.4 68.0
57 18.9 15.8 23.8
100 12.2 9.8 14.8

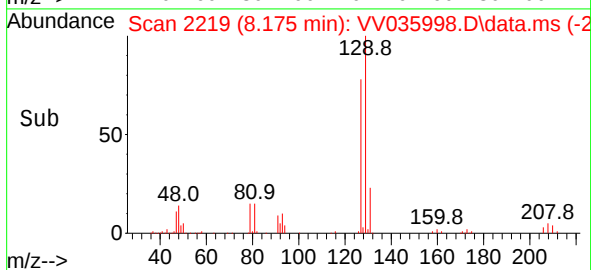
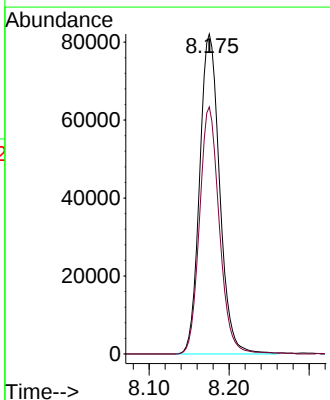
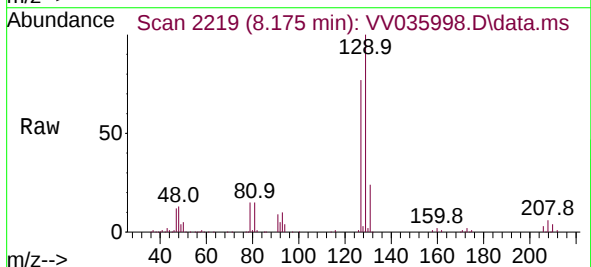
Manual Integrations
APPROVED

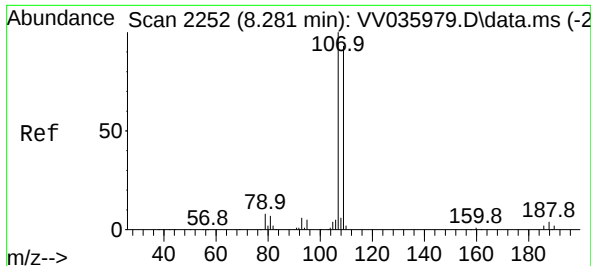
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#49
Dibromochloromethane
Concen: 26.184 ug/L
RT: 8.175 min Scan# 2219
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

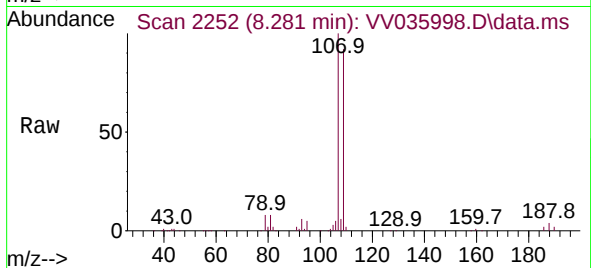
Tgt Ion:129 Resp: 143027
Ion Ratio Lower Upper
129 100
127 77.2 53.9 100.1





#50
1,2-Dibromoethane
Concen: 23.337 ug/L
RT: 8.281 min Scan# 21176
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

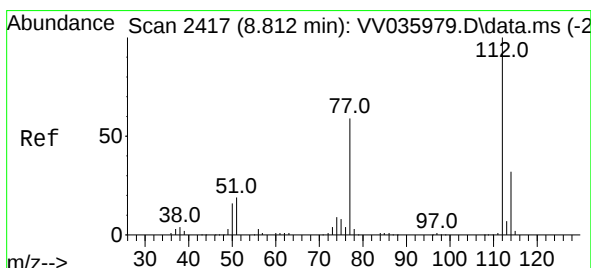
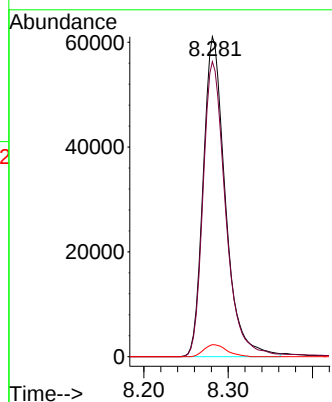
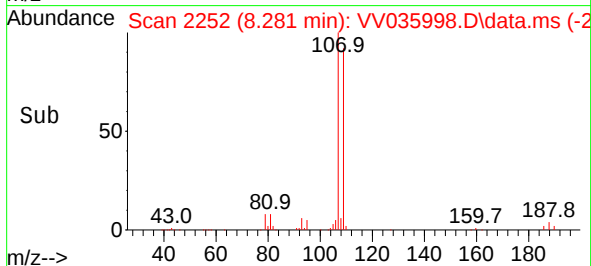
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



Tgt Ion:107 Resp: 11176
Ion Ratio Lower Upper
107 100
109 92.2 66.1 122.7
188 3.7 3.0 4.6

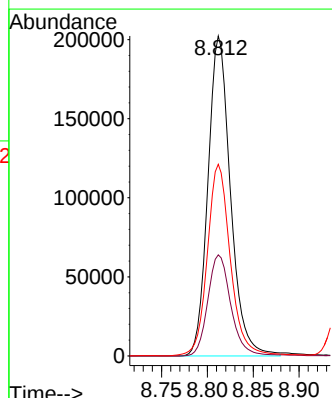
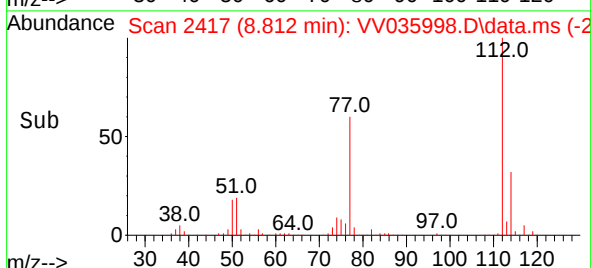
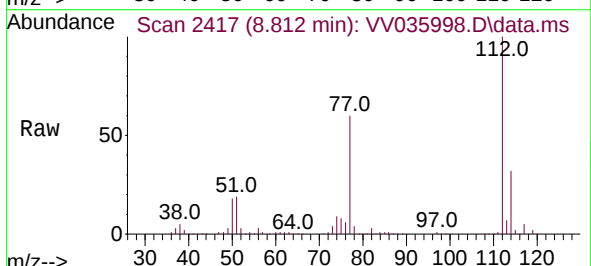
Manual Integrations
APPROVED

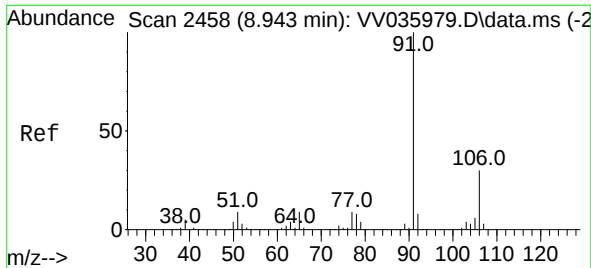
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#51
Chlorobenzene
Concen: 21.658 ug/L
RT: 8.812 min Scan# 2417
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Tgt Ion:112 Resp: 346403
Ion Ratio Lower Upper
112 100
114 31.6 22.3 41.5
77 59.9 47.3 70.9





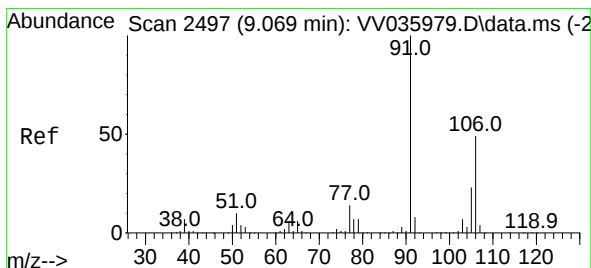
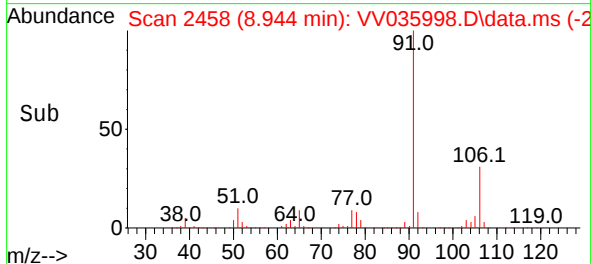
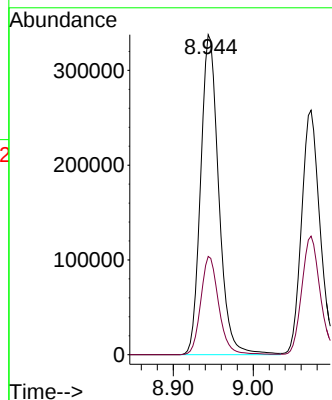
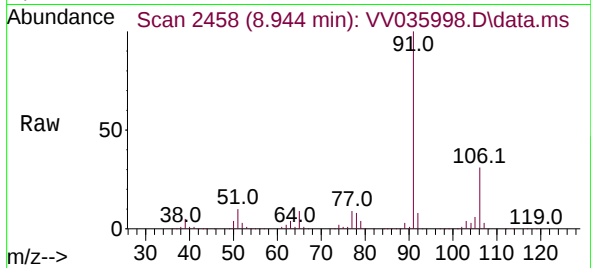
#52
Ethylbenzene
Concen: 21.207 ug/L
RT: 8.944 min Scan# 2458
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS

Tgt Ion: 91 Resp: 532599
Ion Ratio Lower Upper
91 100
106 30.7 21.6 40.0

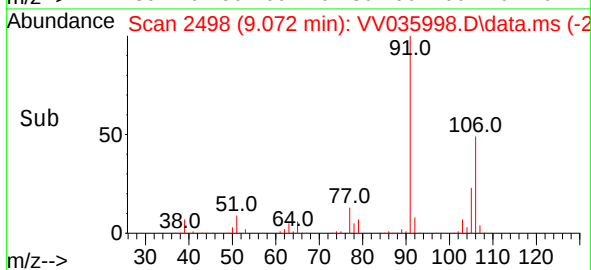
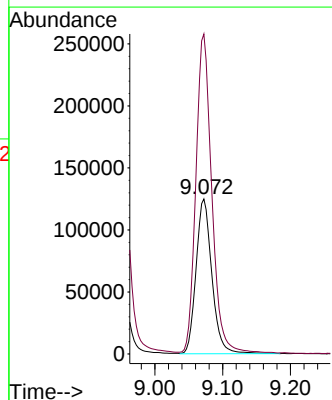
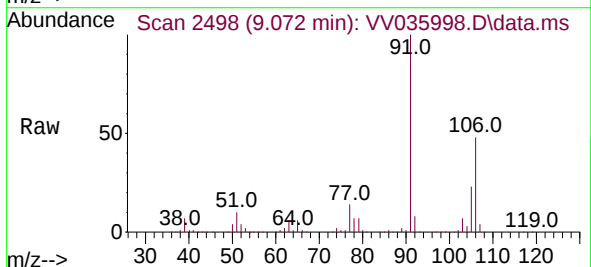
Manual Integrations
APPROVED

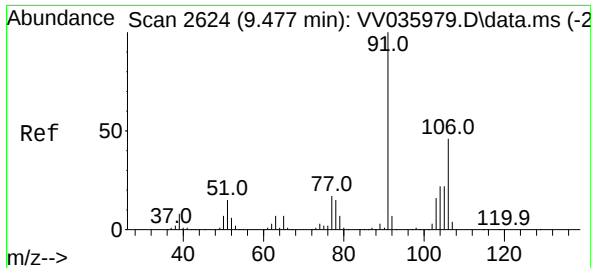
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#53
m,p-Xylene
Concen: 21.505 ug/L
RT: 9.072 min Scan# 2498
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Tgt Ion:106 Resp: 202940
Ion Ratio Lower Upper
106 100
91 206.3 143.1 265.9





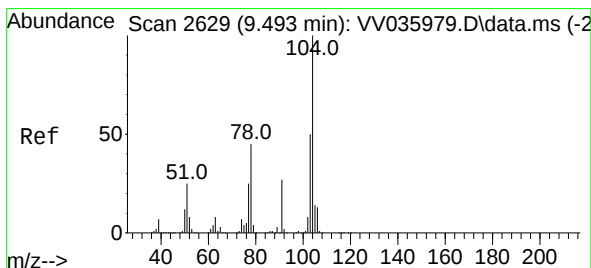
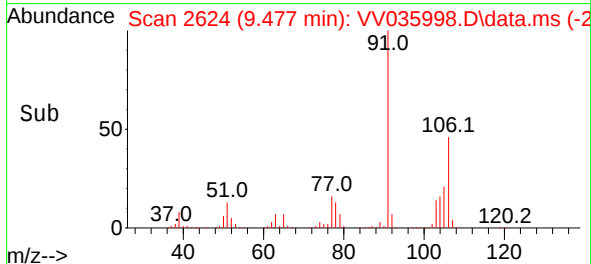
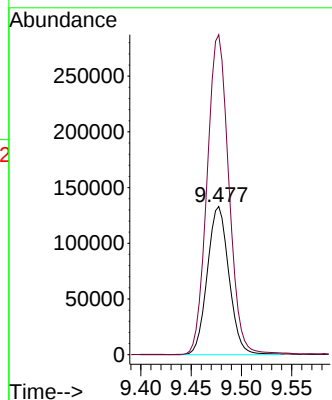
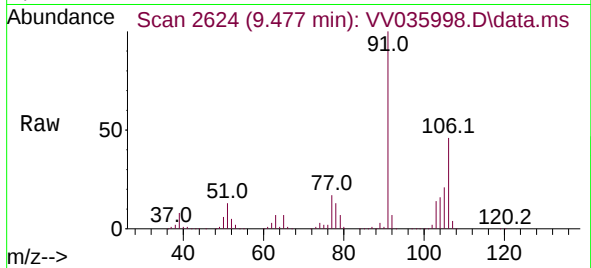
#54
o-Xylene
Concen: 22.419 ug/L
RT: 9.477 min Scan# 2624
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS

Tgt Ion:106 Resp: 199510
Ion Ratio Lower Upper
106 100
91 215.9 154.5 286.9

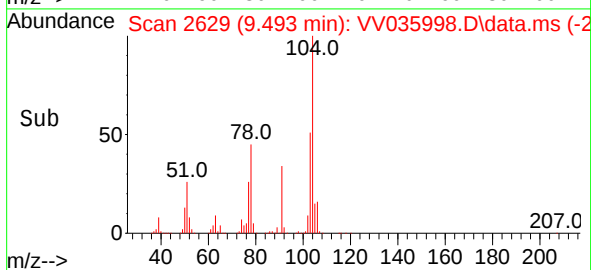
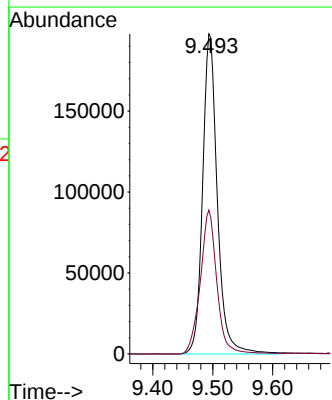
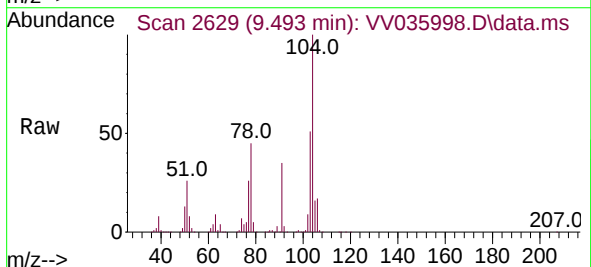
Manual Integrations
APPROVED

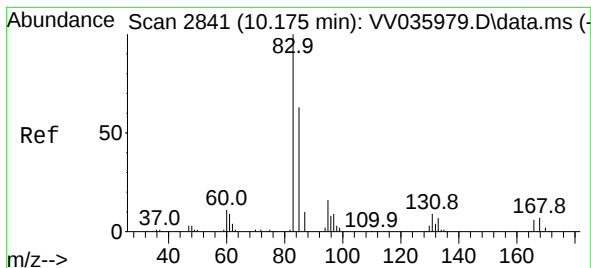
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#55
Styrene
Concen: 21.553 ug/L
RT: 9.493 min Scan# 2629
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

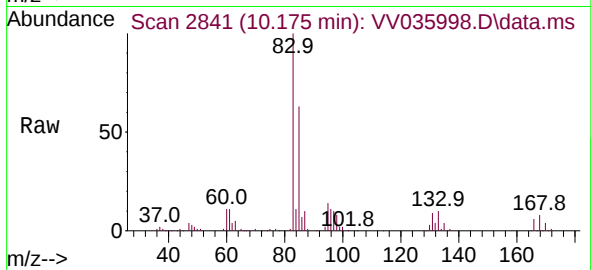
Tgt Ion:104 Resp: 338239
Ion Ratio Lower Upper
104 100
78 44.9 31.4 58.2





#57
1,1,2,2-Tetrachloroethane
Concen: 27.987 ug/L
RT: 10.175 min Scan# 2841
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

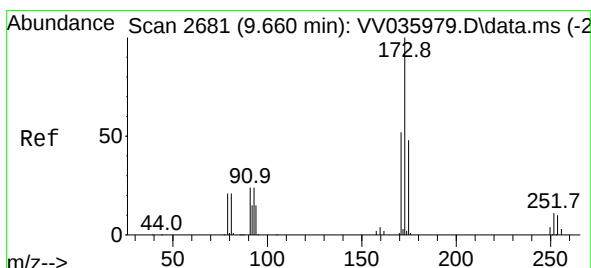
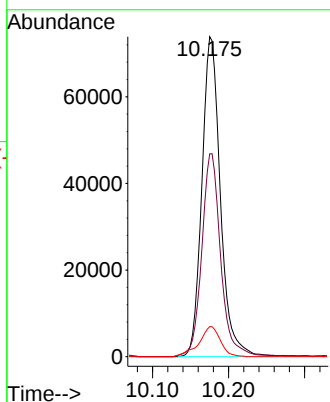
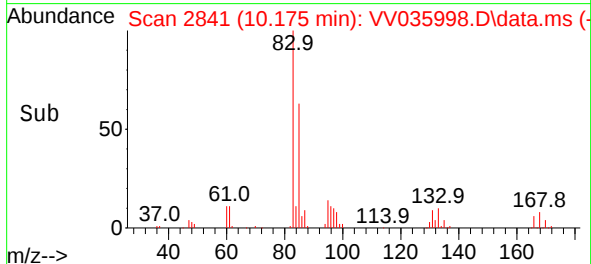
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



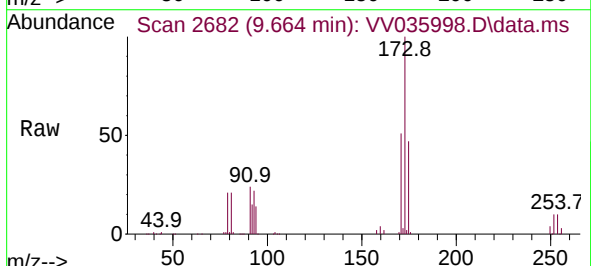
Tgt Ion: 83 Resp: 12507
Ion Ratio Lower Upper
83 100
85 63.4 45.1 83.7
131 9.4 7.6 11.4

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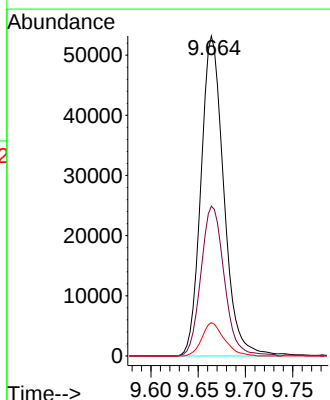
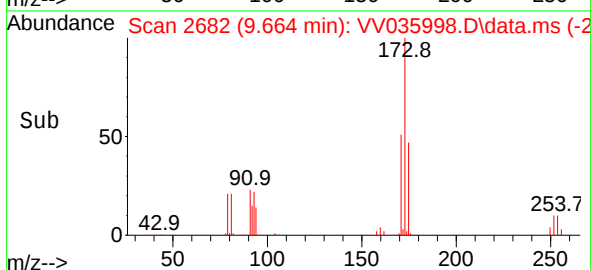
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

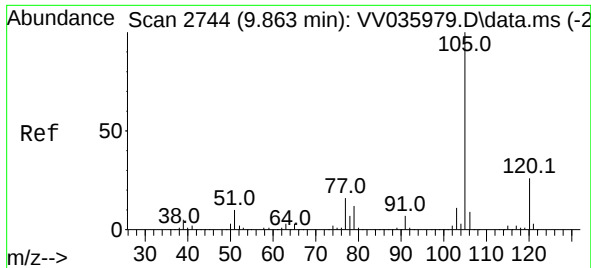


#59
Bromoform
Concen: 40.867 ug/L
RT: 9.664 min Scan# 2682
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41



Tgt Ion:173 Resp: 89275
Ion Ratio Lower Upper
173 100
175 47.9 39.0 58.6
254 10.2 8.6 13.0





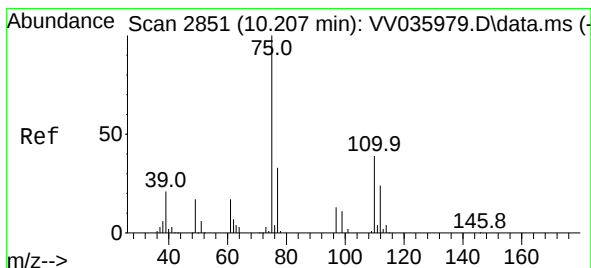
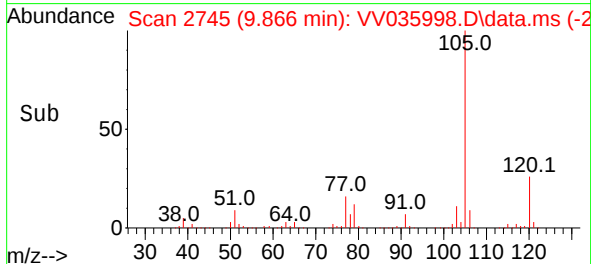
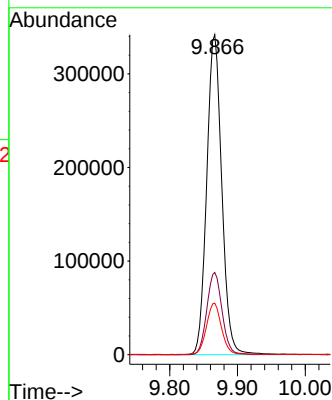
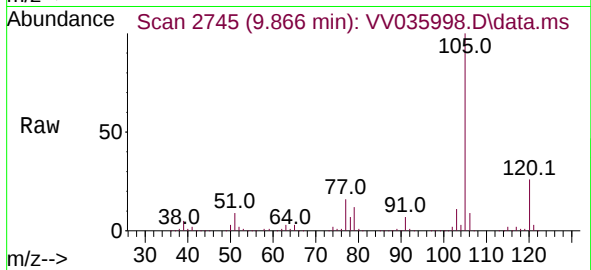
#60
Isopropylbenzene
Concen: 35.457 ug/L
RT: 9.866 min Scan# 2744
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS

Tgt Ion:105 Resp: 52693
Ion Ratio Lower Upper
105 100
120 26.0 21.0 31.6
77 16.1 12.6 18.8

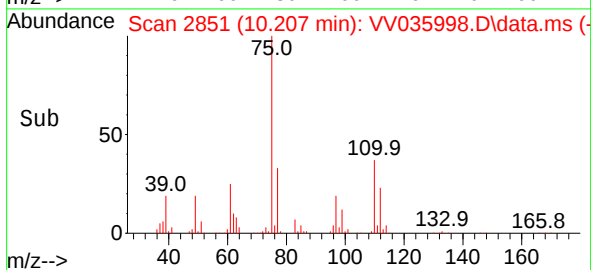
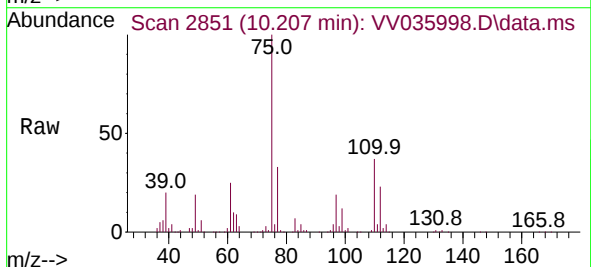
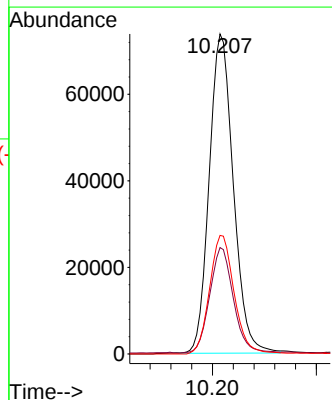
Manual Integrations
APPROVED

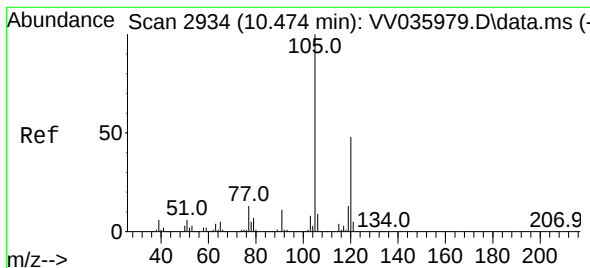
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024



#61
1,2,3-Trichloropropane
Concen: 43.361 ug/L
RT: 10.207 min Scan# 2851
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Tgt Ion: 75 Resp: 118792
Ion Ratio Lower Upper
75 100
77 32.4 26.0 39.0
110 37.9 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 37.453 ug/L

RT: 10.474 min Scan# 2934

Delta R.T. 0.000 min

Lab File: VV035998.D

Acq: 06 Jun 2024 19:41

Instrument :

MSVOA_V

ClientSampleId :

A4BP6MS

Tgt Ion:105 Resp: 403604

Ion Ratio Lower Upper

105 100

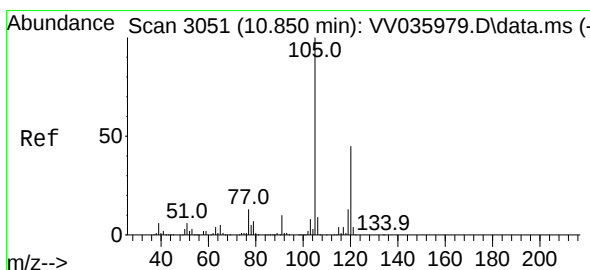
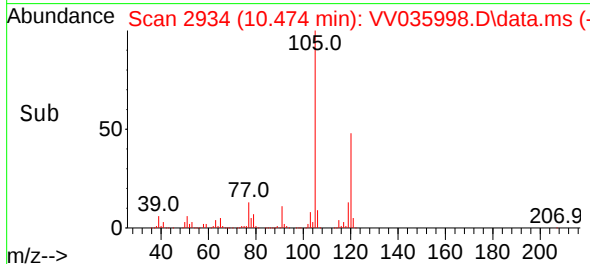
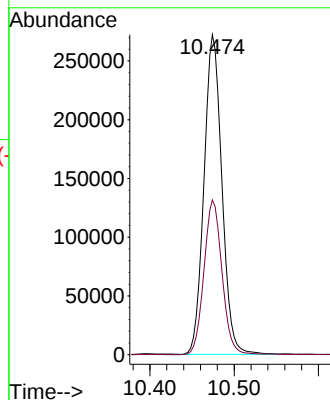
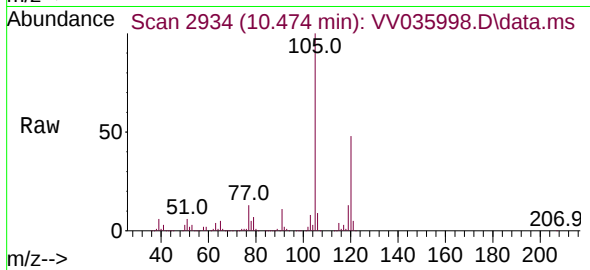
120 48.7 38.6 58.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#63

1,2,4-Trimethylbenzene

Concen: 35.633 ug/L

RT: 10.850 min Scan# 3051

Delta R.T. 0.003 min

Lab File: VV035998.D

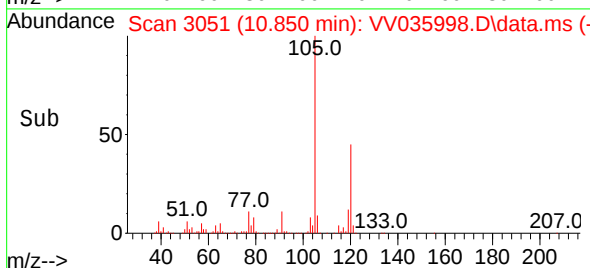
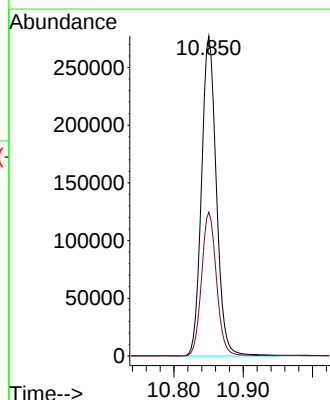
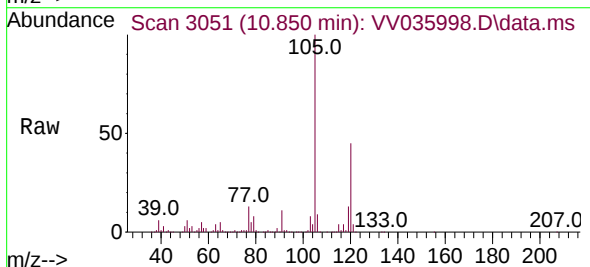
Acq: 06 Jun 2024 19:41

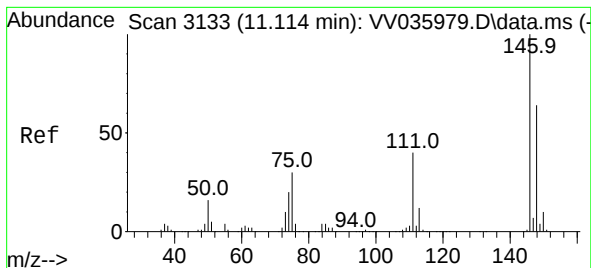
Tgt Ion:105 Resp: 413721

Ion Ratio Lower Upper

105 100

120 45.1 36.2 54.4





#64

1,3-Dichlorobenzene

Concen: 35.069 ug/L

RT: 11.114 min Scan# 3133

Delta R.T. 0.000 min

Lab File: VV035998.D

Acq: 06 Jun 2024 19:41

Instrument :

MSVOA_V

ClientSampleId :

A4BP6MS

Tgt Ion:146 Resp: 273694

Ion Ratio Lower Upper

146 100

111 39.6 28.1 52.1

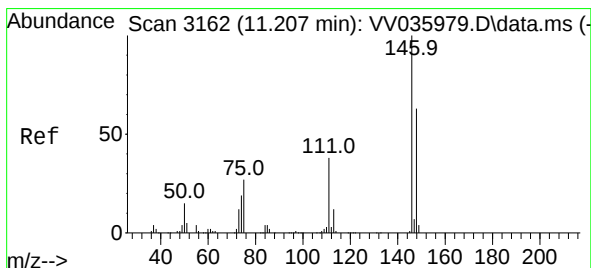
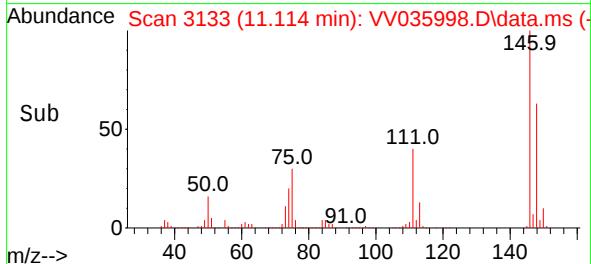
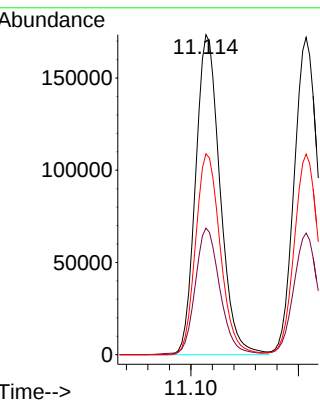
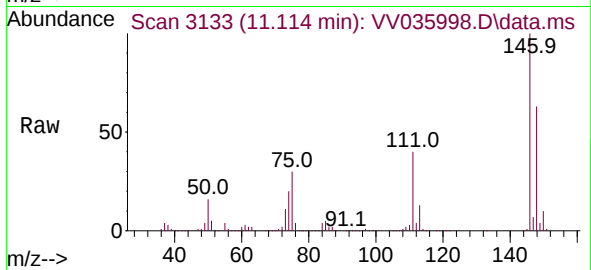
148 62.8 44.7 83.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#65

1,4-Dichlorobenzene

Concen: 34.423 ug/L

RT: 11.207 min Scan# 3162

Delta R.T. 0.003 min

Lab File: VV035998.D

Acq: 06 Jun 2024 19:41

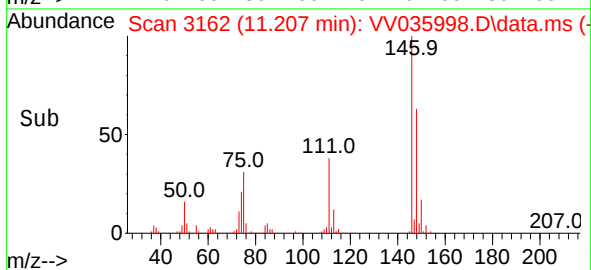
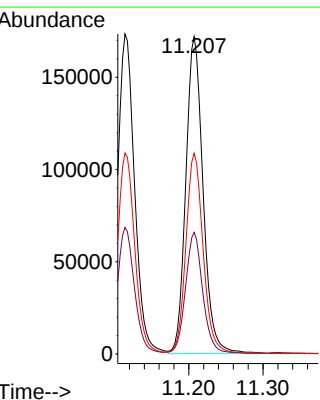
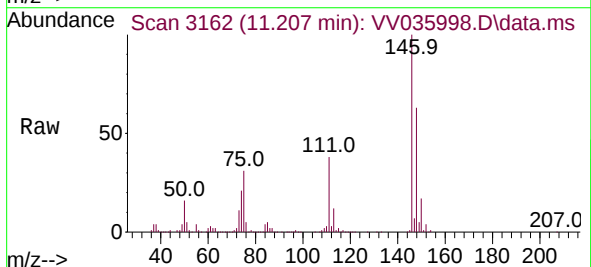
Tgt Ion:146 Resp: 277298

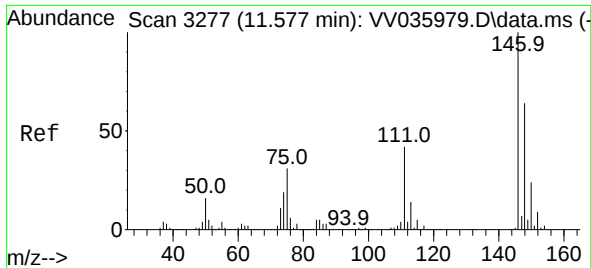
Ion Ratio Lower Upper

146 100

111 38.3 26.9 50.1

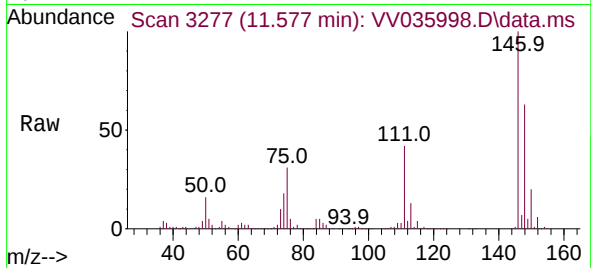
148 63.3 44.5 82.7





#67
1,2-Dichlorobenzene
Concen: 35.932 ug/L
RT: 11.577 min Scan# 3277
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

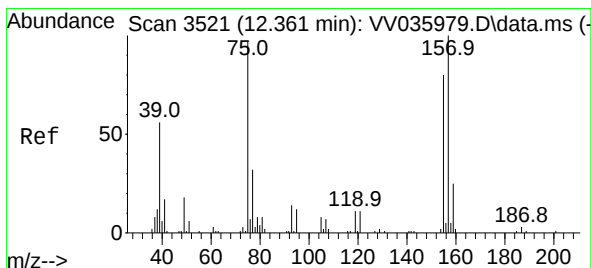
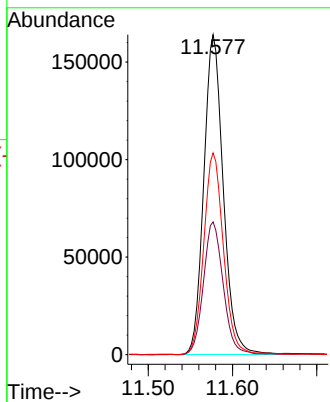
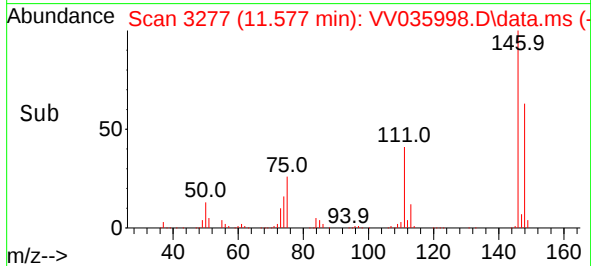
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



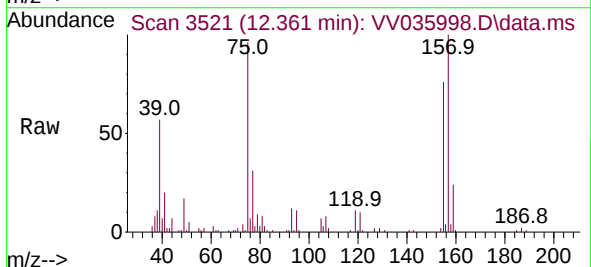
Tgt Ion:146 Resp: 263890
Ion Ratio Lower Upper
146 100
111 41.5 33.5 50.3
148 63.1 50.9 76.3

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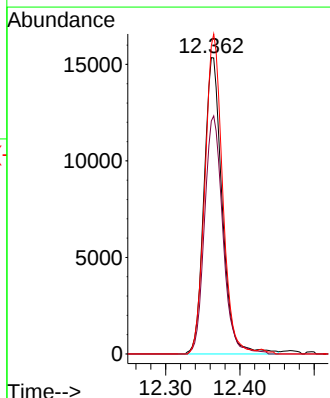
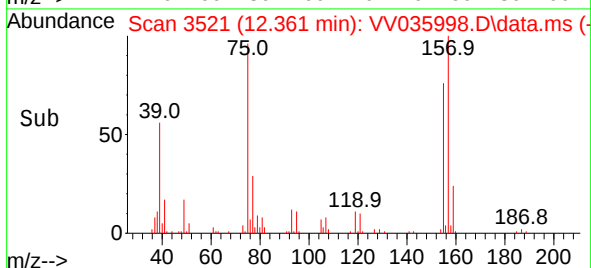
Reviewed By :Mahesh Dadoda 06/10/2024
Supervised By :Semsettin Yesilyurt 06/10/2024

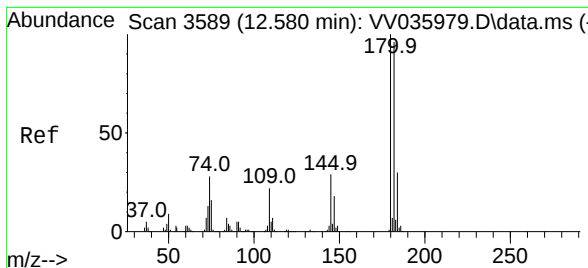


#68
1,2-Dibromo-3-chloropropane
Concen: 42.530 ug/L
RT: 12.361 min Scan# 3521
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41



Tgt Ion: 75 Resp: 26055
Ion Ratio Lower Upper
75 100
155 78.6 63.3 94.9
157 104.0 82.4 123.6





#69

1,3,5-Trichlorobenzene

Concen: 28.082 ug/L

RT: 12.580 min Scan# 3589

Delta R.T. 0.000 min

Lab File: VV035998.D

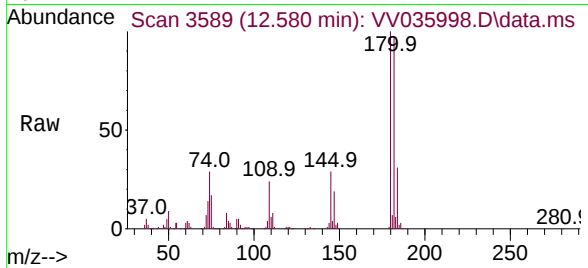
Acq: 06 Jun 2024 19:41

Instrument :

MSVOA_V

ClientSampleId :

A4BP6MS



Tgt Ion:180 Resp: 16394

Ion Ratio Lower Upper

180 100

182 96.8 76.2 114.4

184 30.9 24.2 36.2

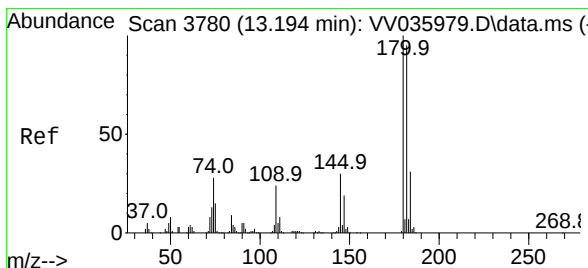
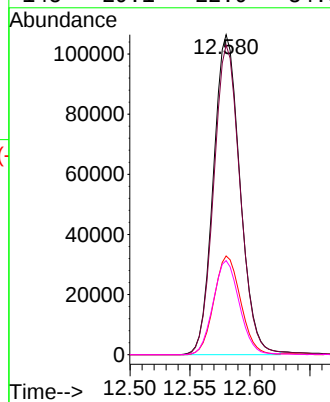
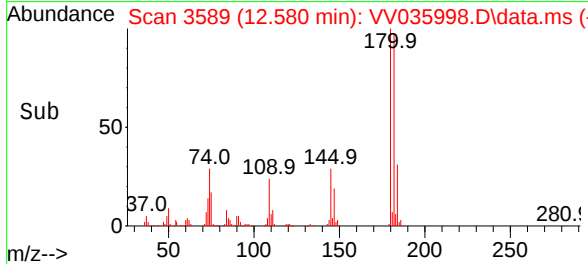
145 29.1 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024

Supervised By :Semsettin Yesilyurt 06/10/2024



#70

1,2,4-trichlorobenzene

Concen: 28.246 ug/L

RT: 13.197 min Scan# 3781

Delta R.T. 0.003 min

Lab File: VV035998.D

Acq: 06 Jun 2024 19:41

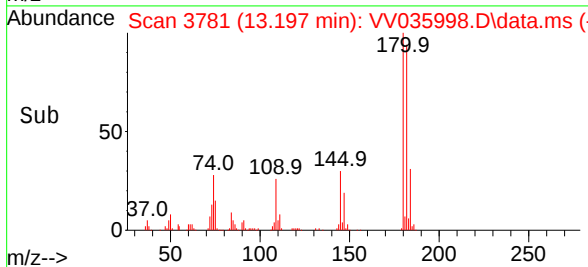
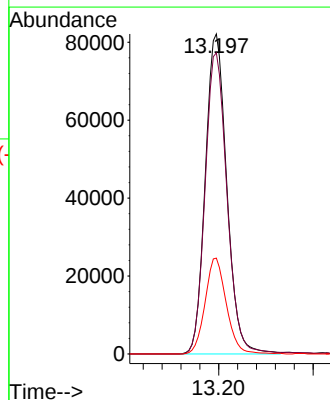
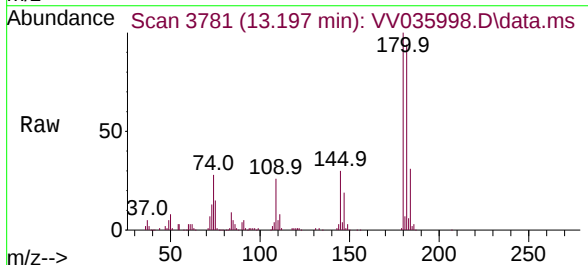
Tgt Ion:180 Resp: 129835

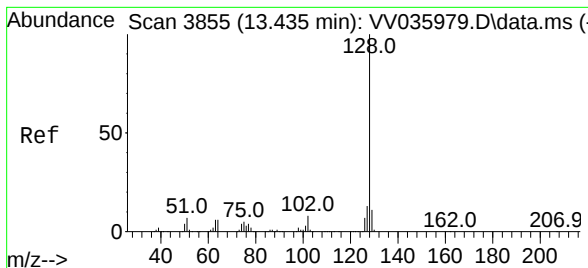
Ion Ratio Lower Upper

180 100

182 95.7 76.1 114.1

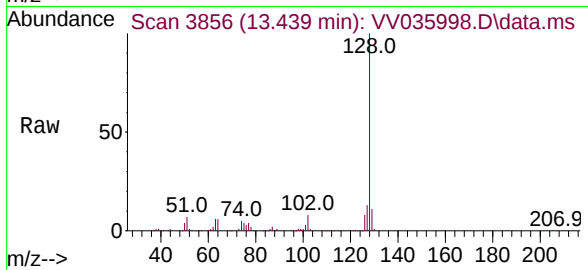
145 29.6 23.5 35.3





#71
Naphthalene
Concen: 33.080 ug/L
RT: 13.439 min Scan# 3855
Delta R.T. 0.003 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

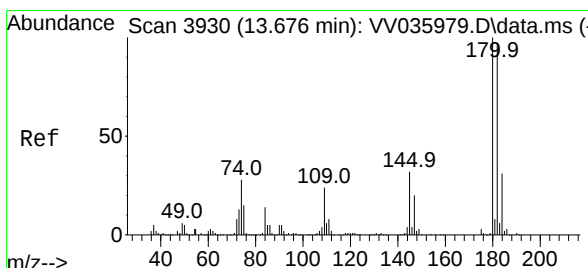
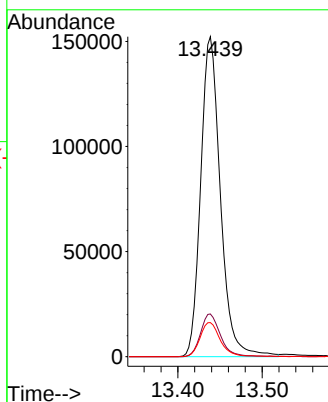
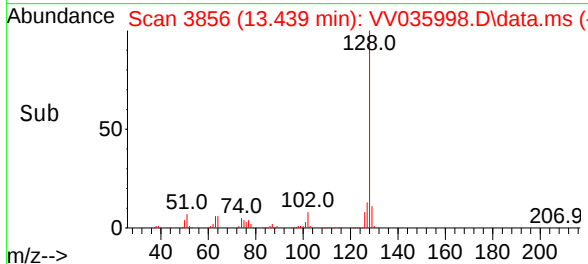
Instrument :
MSVOA_V
ClientSampleId :
A4BP6MS



Tgt Ion:128 Resp: 248148
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.9 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: 27.862 ug/L
RT: 13.677 min Scan# 3930
Delta R.T. 0.000 min
Lab File: VV035998.D
Acq: 06 Jun 2024 19:41

Tgt Ion:180 Resp: 116871
Ion Ratio Lower Upper
180 100
182 95.5 75.1 112.7
145 31.3 25.2 37.8

