

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121324\
 Data File : VW031254.D
 Acq On : 13 Dec 2024 22:07
 Operator : SY/MD
 Sample : P5232-21MS
 Misc : 5.29g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E28S7MS

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 12/16/2024
 Supervised By :Mahesh Dadoda 12/17/2024

Quant Time: Dec 14 00:50:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sat Dec 14 00:44:31 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.837	114	930775	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	644242	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	176649	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.356	65	300466	21.455	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.800%
7) Chloroethane-d5	2.893	69	221526	21.384	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.520%
11) 1,1-Dichloroethene-d2	4.015	65	137527	20.702	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.800%
21) 2-Butanone-d5	7.099	46	74845	28.378	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.760%
24) Chloroform-d	7.648	84	529860	20.777	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.120%
26) 1,2-Dichloroethane-d4	8.306	65	285569	22.297	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	89.200%
32) Benzene-d6	8.276	84	1005286	24.346	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.400%
36) 1,2-Dichloropropane-d6	9.270	67	309245	25.697	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.800%
41) Toluene-d8	10.318	98	848119	22.078	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.320%
43) trans-1,3-Dichloroprop...	10.574	79	99197	17.876	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.520%
47) 2-Hexanone-d5	10.922	63	54040	33.391	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.780%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	186388	24.667	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.680%
66) 1,2-Dichlorobenzene-d4	13.848	152	126078	19.225	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	76.920%
Target Compounds						
2) Dichlorodifluoromethane	2.009	85	148670	17.674	ug/L	99
3) Chloromethane	2.216	50	132794	14.052	ug/L	97
5) Vinyl chloride	2.369	62	215550	16.459	ug/L	99
6) Bromomethane	2.789	94	91489	11.363	ug/L	98
8) Chloroethane	2.929	64	128815	16.539	ug/L	98
9) Trichlorofluoromethane	3.265	101	213078	15.272	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	4.076	101	177001m	15.711	ug/L	
12) 1,1-Dichloroethene	4.039	96	178605	15.653	ug/L	91
13) Acetone	4.167	43	96181m	26.186	ug/L	
14) Carbon disulfide	4.380	76	517895	13.917	ug/L	99
15) Methyl Acetate	4.685	43	46037	11.035	ug/L	99
16) Methylene chloride	4.911	84	191104	16.318	ug/L	99
17) trans-1,2-Dichloroethene	5.429	96	188199	15.301	ug/L	95
18) Methyl tert-butyl Ether	5.423	73	383232	18.638	ug/L	99
19) 1,1-Dichloroethane	6.215	63	370800	16.133	ug/L	99
20) cis-1,2-Dichloroethene	7.166	96	204764	15.387	ug/L	99
22) 2-Butanone	7.191	43	138789	31.185	ug/L	92
23) Bromochloromethane	7.514	128	90535	17.059	ug/L	98
25) Chloroform	7.679	83	367825	16.215	ug/L	97

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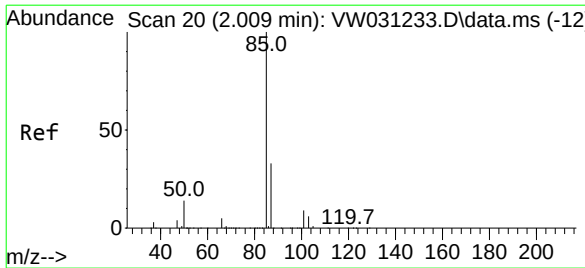
Manual Integrations
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 Supervised By :Mahesh Dadoda 12/17/2024

Quant Time: Dec 14 00:50:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM121324SMA.M
 Quant Title : SFAM01.0
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.398	62	245277	17.199	ug/L	100
29) Cyclohexane	7.953	56	265707	15.208	ug/L	98
30) 1,1,1-Trichloroethane	7.868	97	317620	19.074	ug/L	99
31) Carbon tetrachloride	8.069	117	252689	17.033	ug/L	96
33) Benzene	8.325	78	738783	18.556	ug/L	100
34) Trichloroethene	9.087	95	190606	16.958	ug/L	89
35) Methylcyclohexane	9.331	83	221722	11.327	ug/L	100
37) 1,2-Dichloropropane	9.367	63	192190	19.351	ug/L	99
38) Bromodichloromethane	9.642	83	230105	17.821	ug/L	97
39) cis-1,3-Dichloropropene	10.068	75	219037	13.051	ug/L	99
40) 4-Methyl-2-pentanone	10.209	43	202104	38.355	ug/L	99
42) Toluene	10.385	91	722899	16.677	ug/L	99
44) trans-1,3-Dichloropropene	10.605	75	192106	14.018	ug/L	94
45) 1,1,2-Trichloroethane	10.782	97	130492	19.753	ug/L	96
46) Tetrachloroethene	10.861	164	114678	13.929	ug/L	93
48) 2-Hexanone	10.965	43	153928	34.347	ug/L	94
49) Dibromochloromethane	11.129	129	133960	17.107	ug/L	96
50) 1,2-Dibromoethane	11.233	107	112590	17.991	ug/L	95
51) Chlorobenzene	11.653	112	394647	14.521	ug/L	95
52) Ethylbenzene	11.727	91	708107	14.095	ug/L	95
53) m,p-Xylene	11.836	106	261598	13.679	ug/L	100
54) o-Xylene	12.159	106	255702	14.187	ug/L	97
55) Styrene	12.178	104	367453	12.256	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.708	83	128785	18.084	ug/L	99
59) Bromoform	12.348	173	65513	26.399	ug/L	99
60) Isopropylbenzene	12.458	105	620841	21.476	ug/L	100
61) 1,2,3-Trichloropropane	12.763	75	103745	34.321	ug/L	98
62) 1,3,5-Trimethylbenzene	12.940	105	448495	18.300	ug/L	97
63) 1,2,4-Trimethylbenzene	13.245	105	417602	17.629	ug/L	98
64) 1,3-Dichlorobenzene	13.488	146	165463	14.127	ug/L	96
65) 1,4-Dichlorobenzene	13.574	146	166043	14.308	ug/L	98
67) 1,2-Dichlorobenzene	13.866	146	145725	14.440	ug/L	95
68) 1,2-Dibromo-3-chloropr...	14.476	75	21799	28.418	ug/L	98
69) 1,3,5-Trichlorobenzene	14.622	180	69408	8.462	ug/L	96
70) 1,2,4-trichlorobenzene	15.128	180	45928	6.731	ug/L	96
71) Naphthalene	15.360	128	134837	11.271	ug/L	99
72) 1,2,3-Trichlorobenzene	15.549	180	35989	6.546	ug/L	99

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



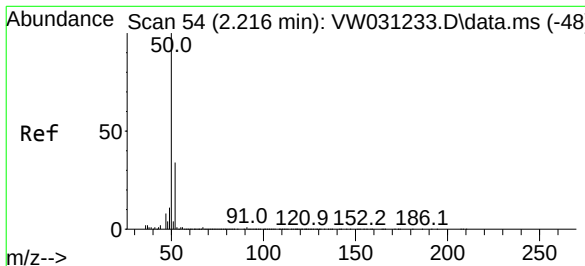
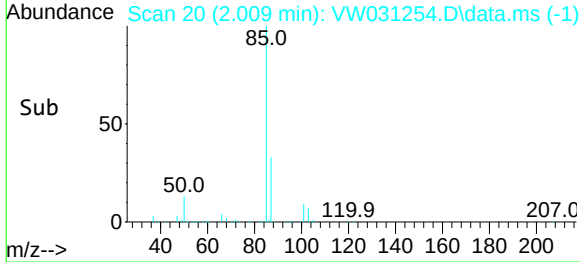
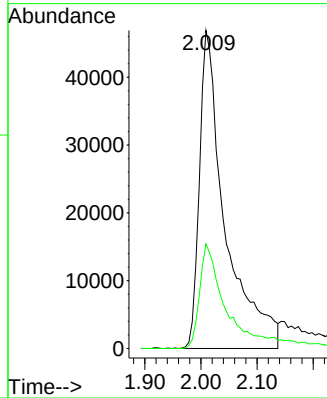
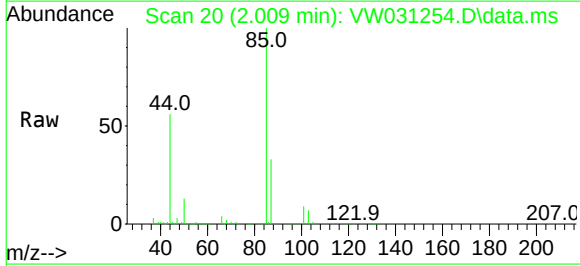
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Dichlorodifluoromethane
Concen: 17.674 ug/L
RT: 2.009 min Scan# 20
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Instrument :
MSVOA_W
ClientSampleId :
E28S7MS

Tgt Ion: 85 Resp: 148676
Ion Ratio Lower Upper
85 100
87 30.7 24.9 37.3

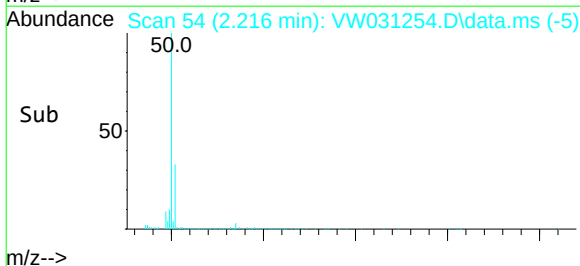
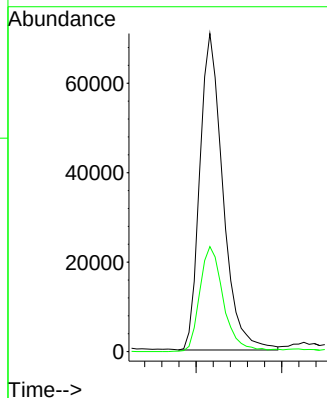
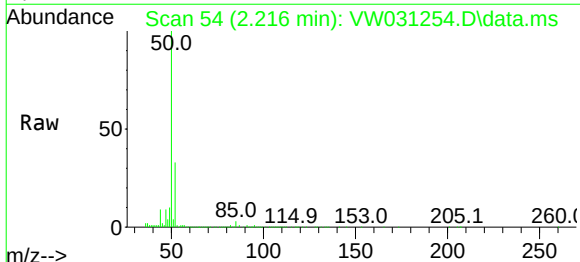
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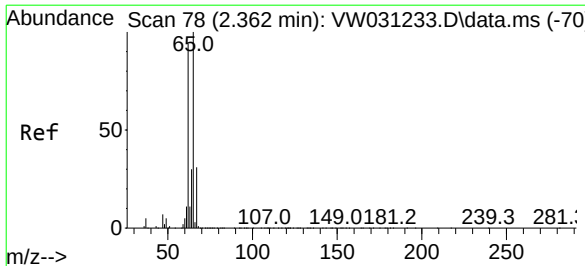
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#3
Chloromethane
Concen: 14.052 ug/L
RT: 2.216 min Scan# 54
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

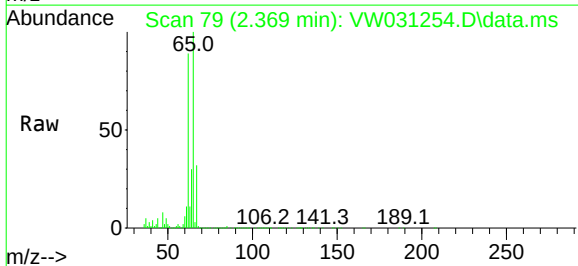
Tgt Ion: 50 Resp: 132794
Ion Ratio Lower Upper
50 100
52 33.0 22.0 41.0





#5
 Vinyl chloride
 Concen: 16.459 ug/L
 RT: 2.369 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

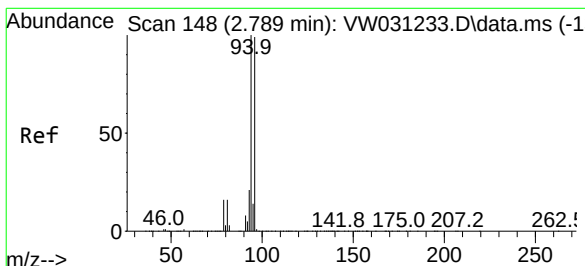
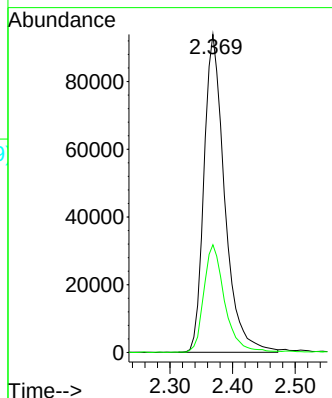
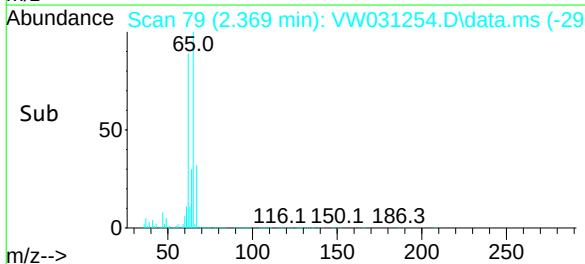
Instrument :
 MSVOA_W
 ClientSampleId :
 E28S7MS



Tgt Ion: 62 Resp: 215556
 Ion Ratio Lower Upper
 62 100
 64 33.9 24.1 44.8

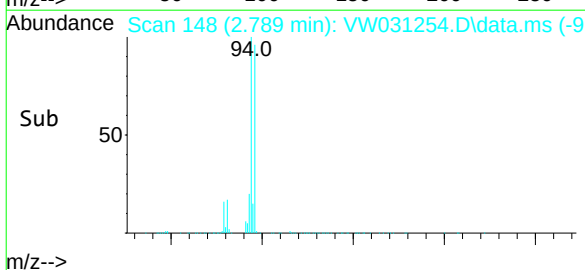
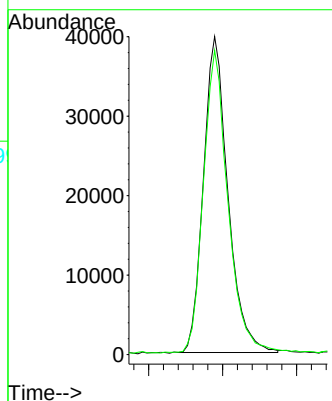
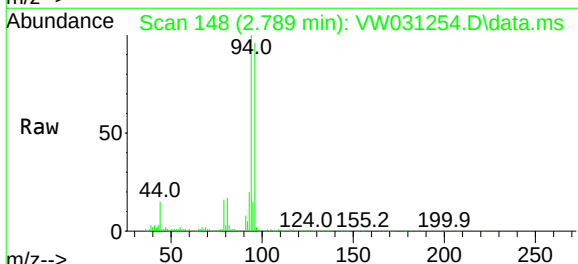
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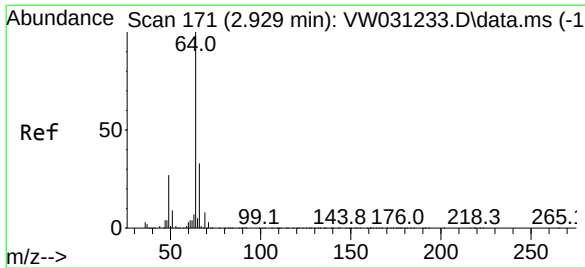
Reviewed By :Romaben Patel 12/16/2024
 Supervised By :Mahesh Dadoda 12/17/2024



#6
 Bromomethane
 Concen: 11.363 ug/L
 RT: 2.789 min Scan# 148
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

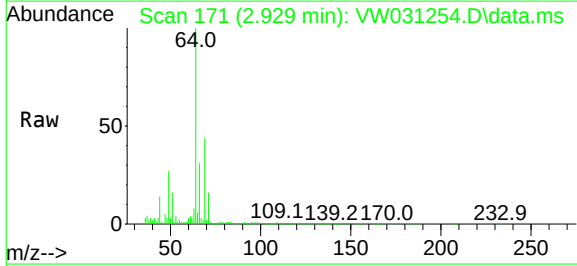
Tgt Ion: 94 Resp: 91489
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.6 121.8





#8
Chloroethane
Concen: 16.539 ug/L
RT: 2.929 min Scan# 171
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

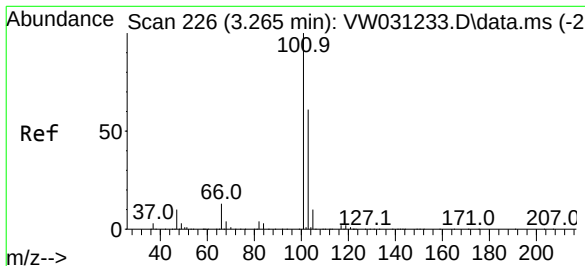
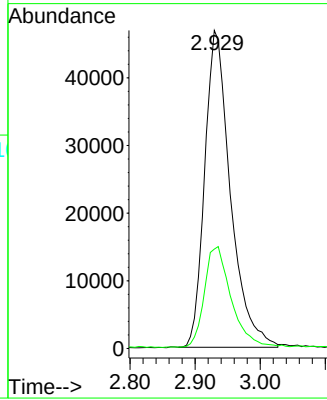
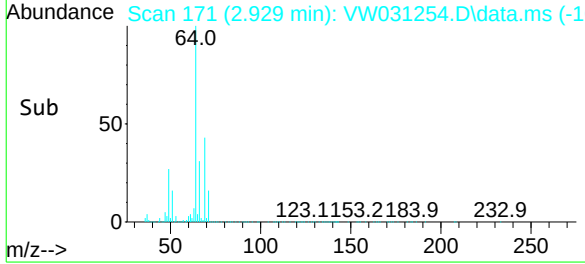
Instrument :
MSVOA_W
ClientSampleId :
E28S7MS



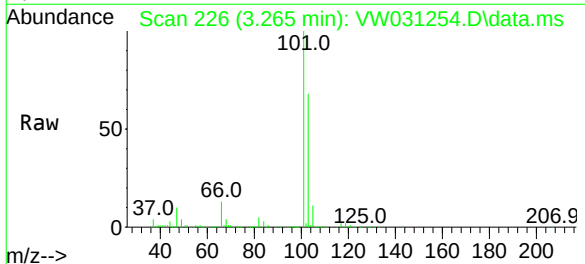
Tgt Ion: 64 Resp: 128815
Ion Ratio Lower Upper
64 100
66 31.2 22.7 42.3

Manual Integrations
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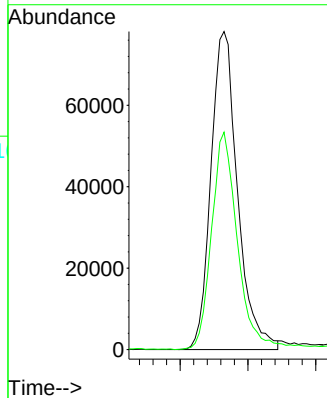
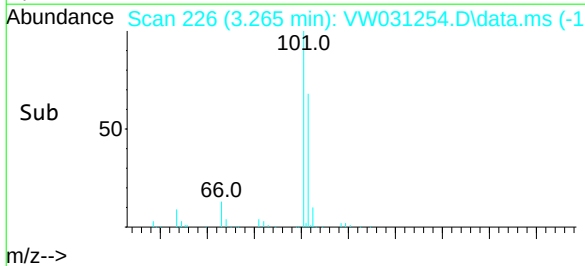
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024

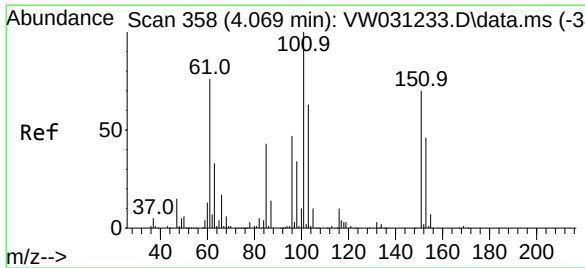


#9
Trichlorofluoromethane
Concen: 15.272 ug/L
RT: 3.265 min Scan# 226
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07



Tgt Ion:101 Resp: 213078
Ion Ratio Lower Upper
101 100
103 66.2 51.6 77.4





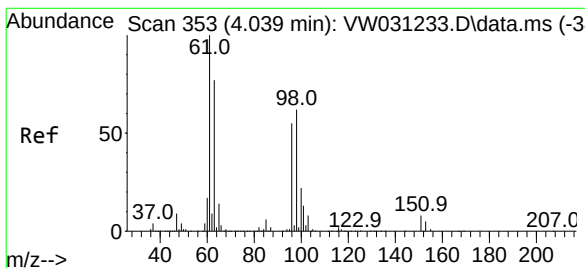
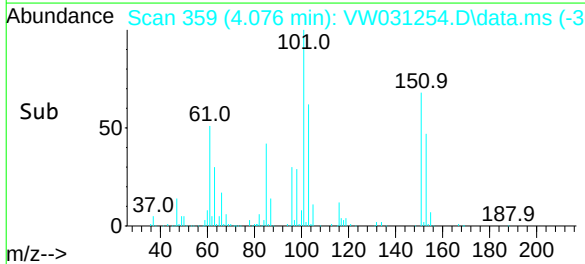
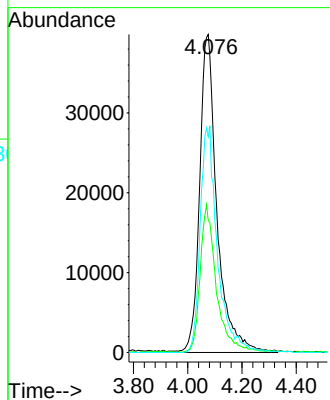
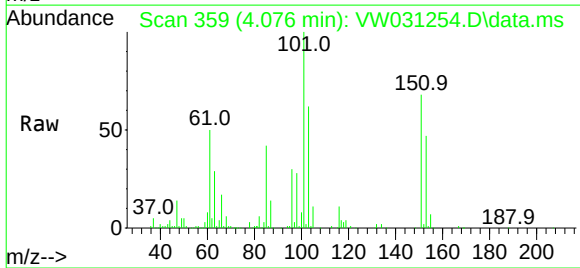
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.711 ug/L m
RT: 4.076 min Scan# 35
Delta R.T. 0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Instrument :
MSVOA_W
ClientSampleId :
E28S7MS

Tgt Ion: 101 Resp: 177001
Ion Ratio Lower Upper
101 100
85 0.0 33.0 49.4#
151 0.1 54.8 82.2#

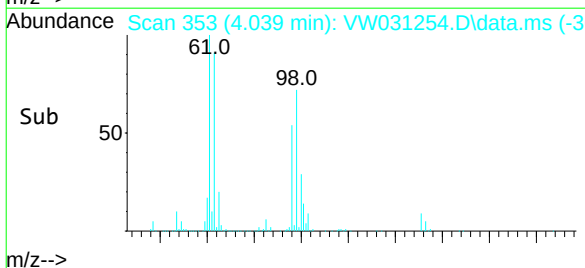
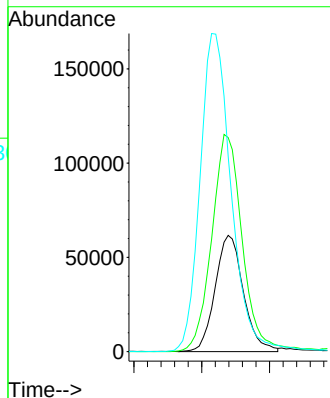
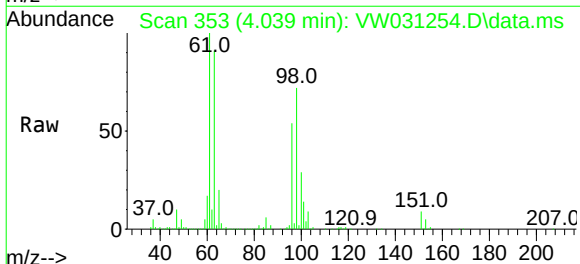
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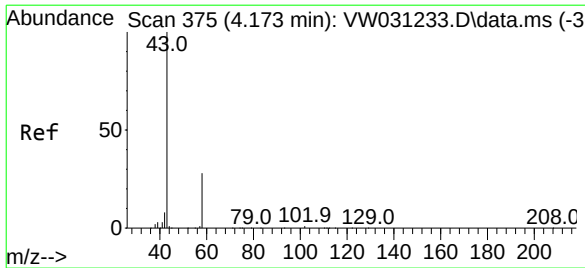
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#12
1,1-Dichloroethene
Concen: 15.653 ug/L
RT: 4.039 min Scan# 353
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion: 96 Resp: 178605
Ion Ratio Lower Upper
96 100
61 184.2 125.3 232.7
63 168.2 104.6 194.2





#13

Acetone

Concen: 26.186 ug/L m

RT: 4.167 min Scan# 37

Delta R.T. -0.006 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

E28S7MS

Tgt Ion: 43 Resp: 96181

Ion Ratio Lower Upper

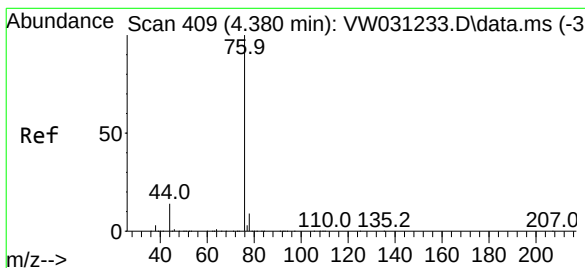
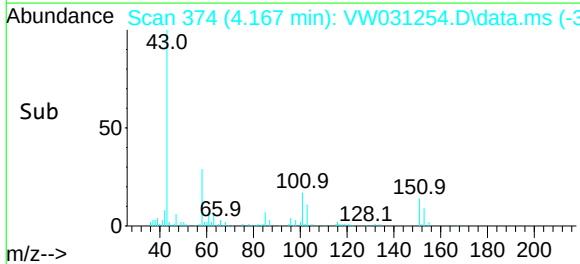
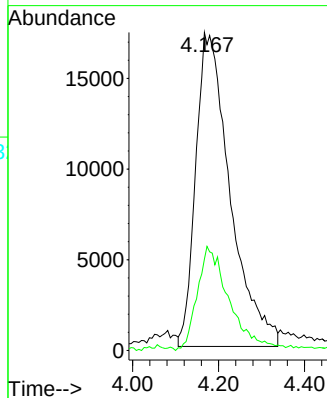
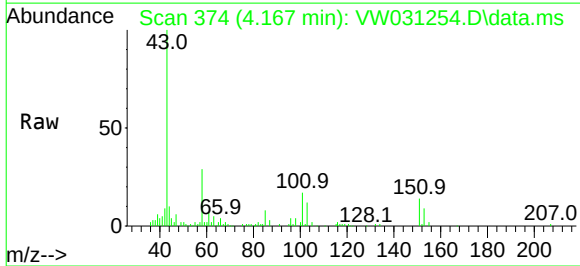
43 100

58 27.9 0.0 0.0#

Manual Integrations

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Supervised By :Mahesh Dadoda 12/17/2024



#14

Carbon disulfide

Concen: 13.917 ug/L

RT: 4.380 min Scan# 409

Delta R.T. 0.000 min

Lab File: VW031254.D

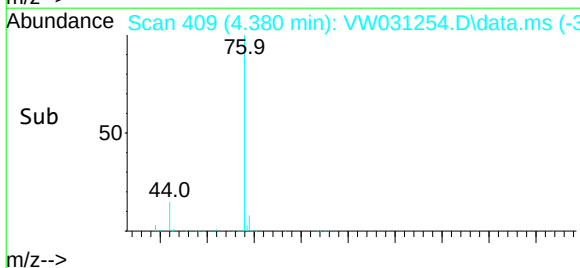
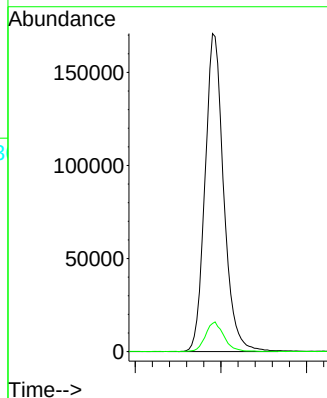
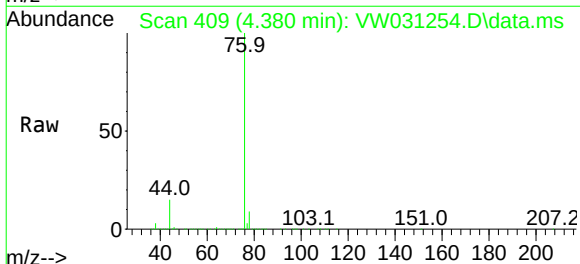
Acq: 13 Dec 2024 22:07

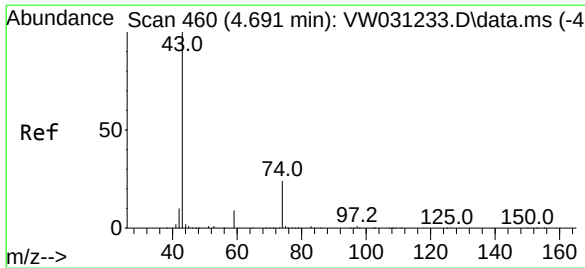
Tgt Ion: 76 Resp: 517895

Ion Ratio Lower Upper

76 100

78 8.8 7.3 10.9





#15

Methyl Acetate

Concen: 11.035 ug/L

RT: 4.685 min Scan# 45

Delta R.T. -0.006 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

E28S7MS

Tgt Ion: 43 Resp: 46037

Ion Ratio Lower Upper

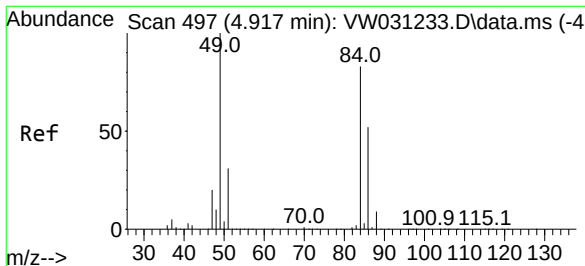
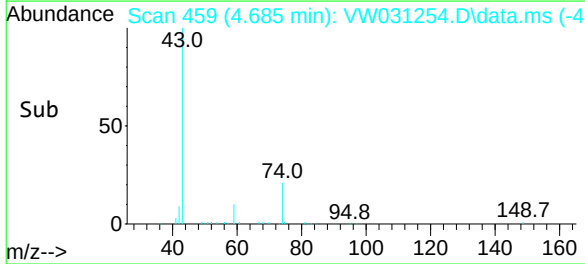
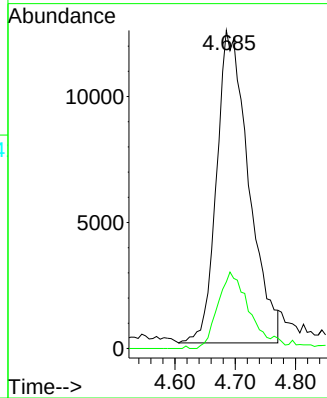
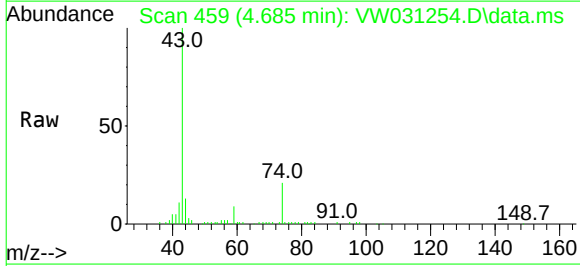
43 100

74 23.1 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#16

Methylene chloride

Concen: 16.318 ug/L

RT: 4.911 min Scan# 496

Delta R.T. -0.006 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

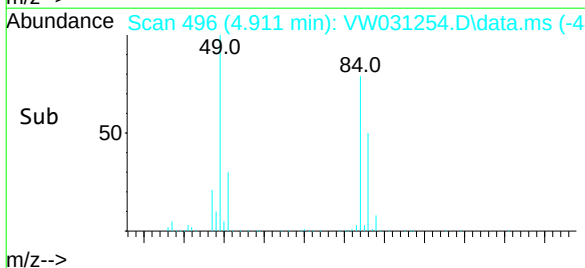
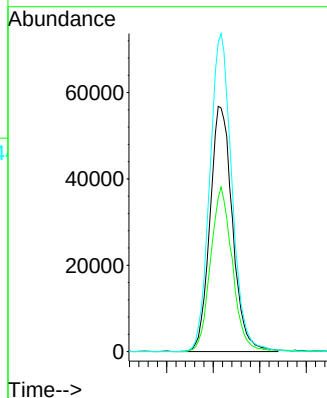
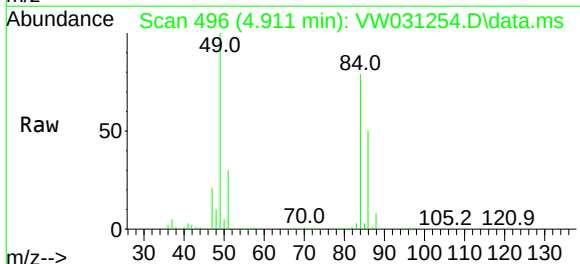
Tgt Ion: 84 Resp: 191104

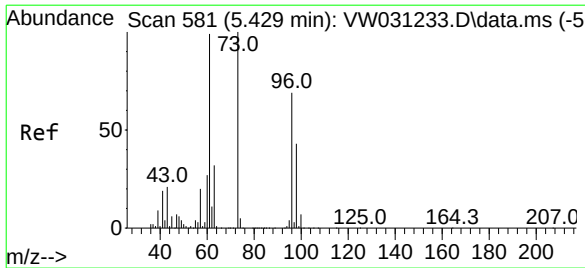
Ion Ratio Lower Upper

84 100

86 62.7 44.7 82.9

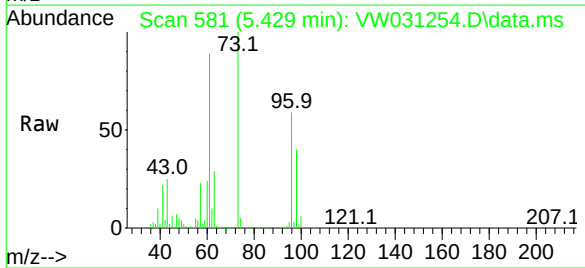
49 126.1 88.3 164.1





#17
trans-1,2-Dichloroethene
Concen: 15.301 ug/L
RT: 5.429 min Scan# 581
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

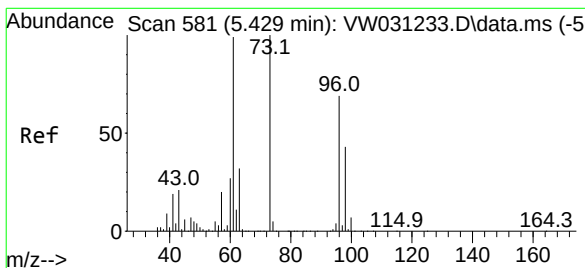
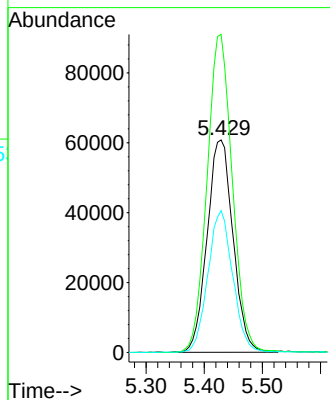
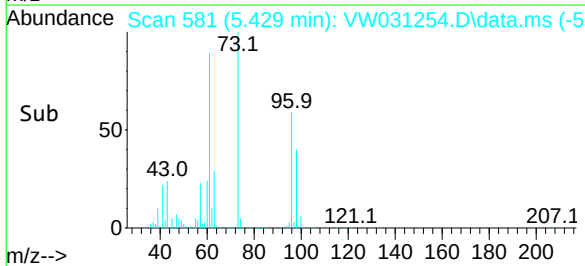
Instrument :
MSVOA_W
ClientSampleId :
E28S7MS



Tgt Ion: 96 Resp: 188199
Ion Ratio Lower Upper
96 100
61 149.6 100.7 187.1
98 66.7 43.8 81.3

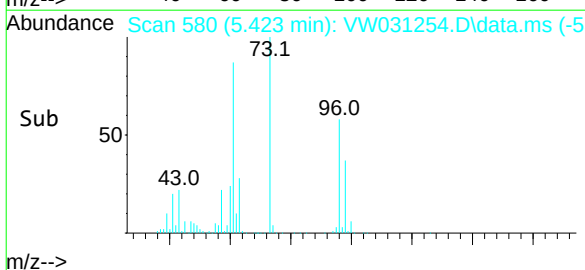
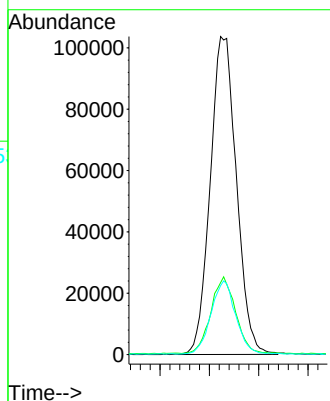
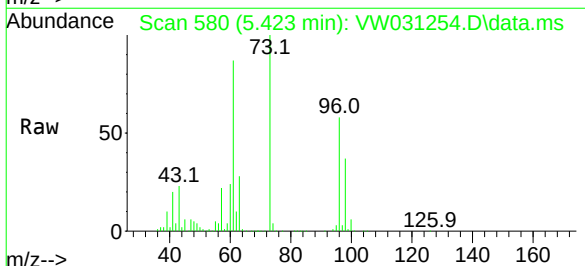
Manual Integrations
APPROVED

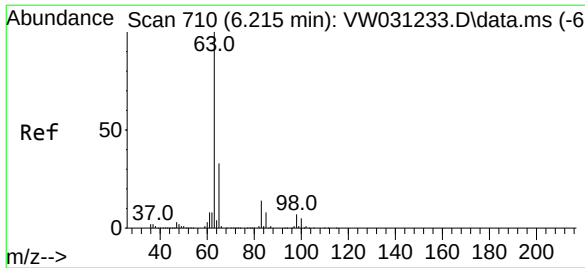
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#18
Methyl tert-butyl Ether
Concen: 18.638 ug/L
RT: 5.423 min Scan# 580
Delta R.T. -0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

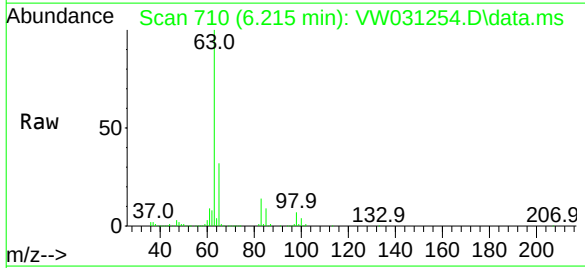
Tgt Ion: 73 Resp: 383232
Ion Ratio Lower Upper
73 100
43 22.9 17.9 26.9
57 21.8 17.9 26.9





#19
1,1-Dichloroethane
Concen: 16.133 ug/L
RT: 6.215 min Scan# 710
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

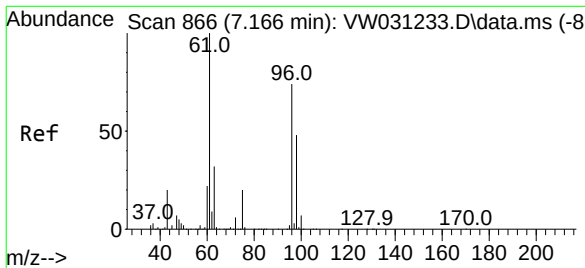
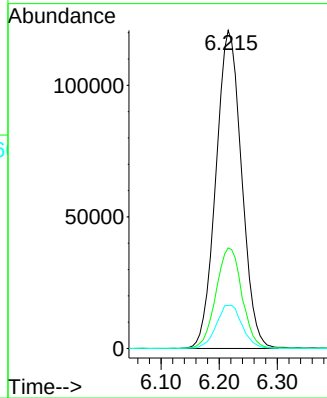
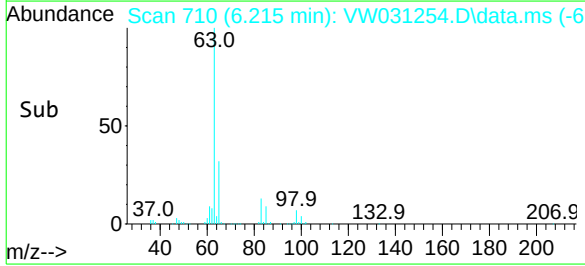
Instrument :
MSVOA_W
ClientSampleId :
E28S7MS



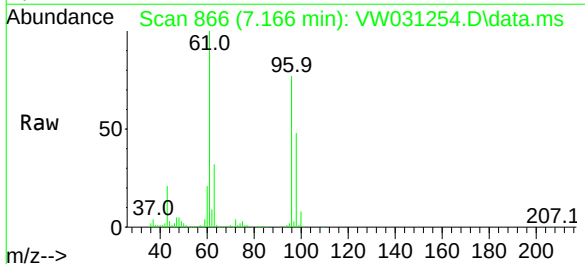
Tgt Ion	Ratio	Lower	Upper
63	100		
65	31.6	21.9	40.7
83	13.6	9.3	17.3

Manual Integrations
APPROVED

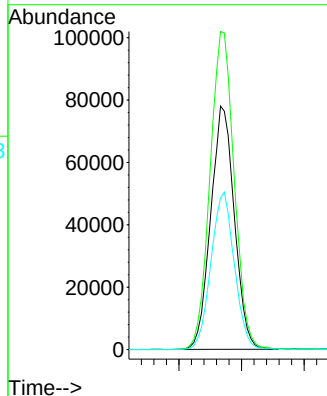
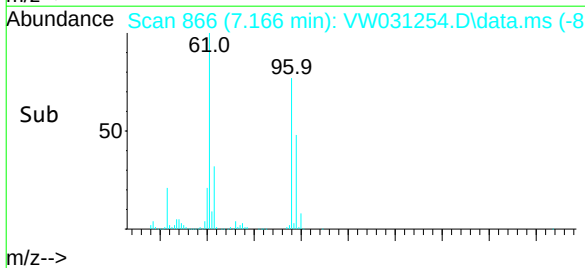
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024

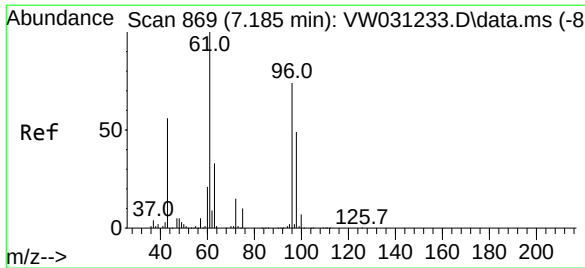


#20
cis-1,2-Dichloroethene
Concen: 15.387 ug/L
RT: 7.166 min Scan# 866
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07



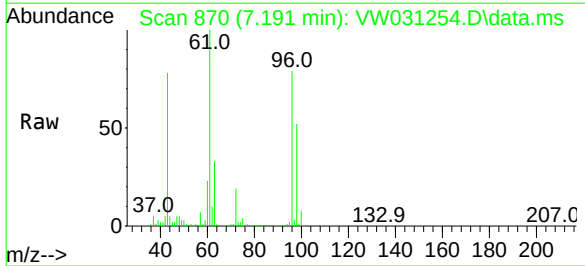
Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.6	92.2	171.2
98	62.3	43.7	81.1





#22
2-Butanone
Concen: 31.185 ug/L
RT: 7.191 min Scan# 87
Delta R.T. 0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

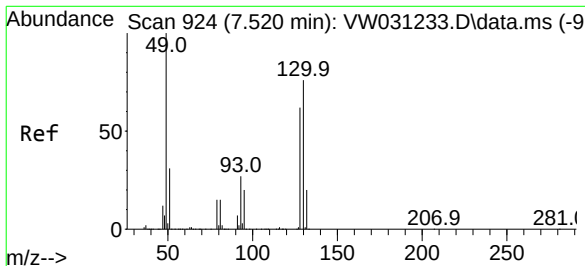
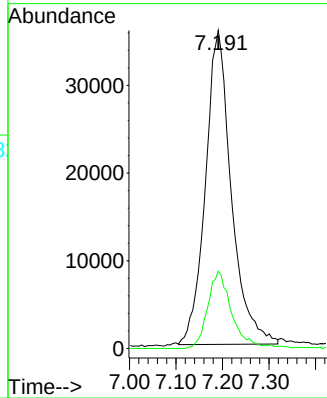
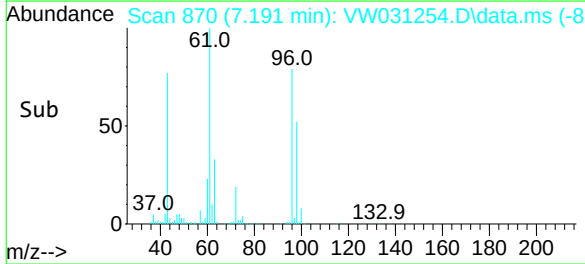
Instrument :
MSVOA_W
ClientSampleId :
E28S7MS



Tgt Ion: 43 Resp: 138789
Ion Ratio Lower Upper
43 100
72 22.4 13.3 39.8

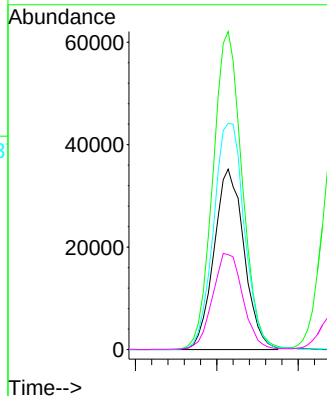
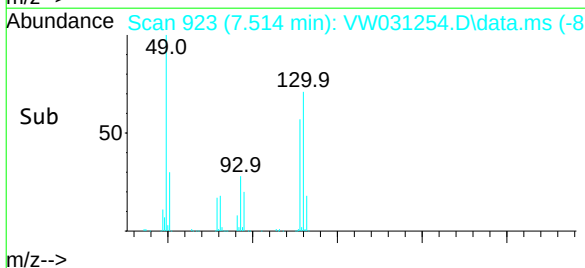
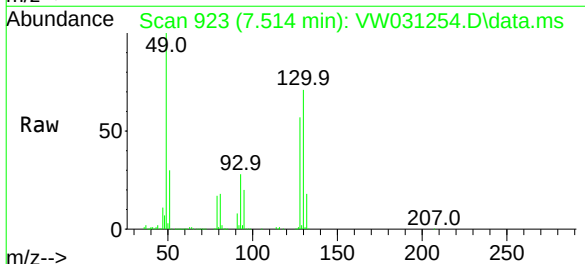
Manual Integrations
APPROVED

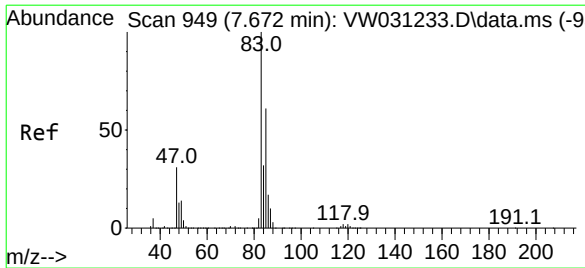
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#23
Bromochloromethane
Concen: 17.059 ug/L
RT: 7.514 min Scan# 923
Delta R.T. -0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

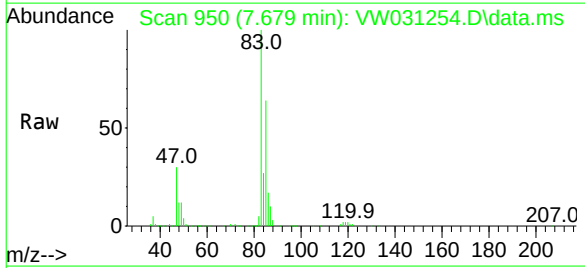
Tgt Ion:128 Resp: 90535
Ion Ratio Lower Upper
128 100
49 176.3 123.7 229.7
130 125.4 90.3 167.7
51 52.6 46.1 69.1





#25
Chloroform
Concen: 16.215 ug/L
RT: 7.679 min Scan# 95
Delta R.T. 0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

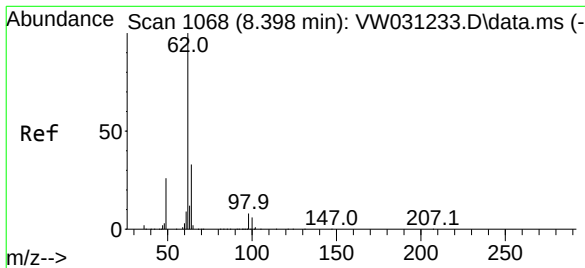
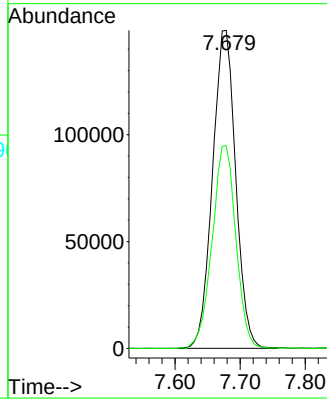
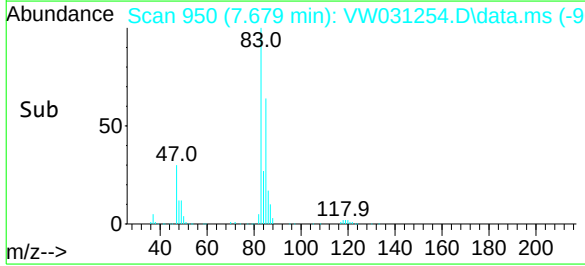
Instrument :
MSVOA_W
ClientSampleId :
E28S7MS



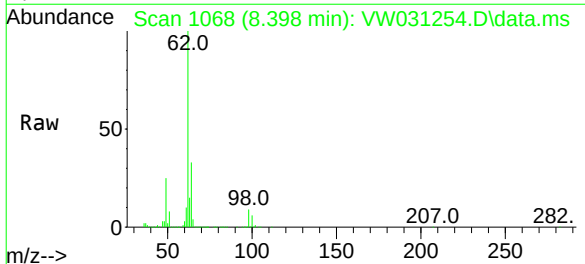
Tgt Ion: 83 Resp: 367825
Ion Ratio Lower Upper
83 100
85 63.7 46.1 85.5

Manual Integrations
APPROVED

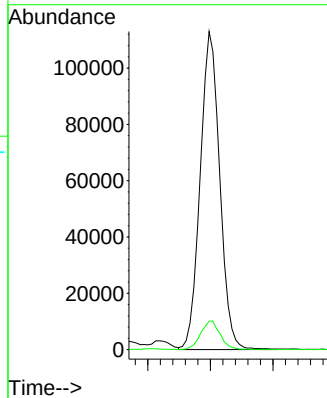
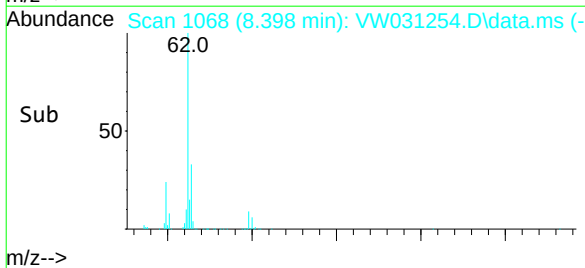
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024

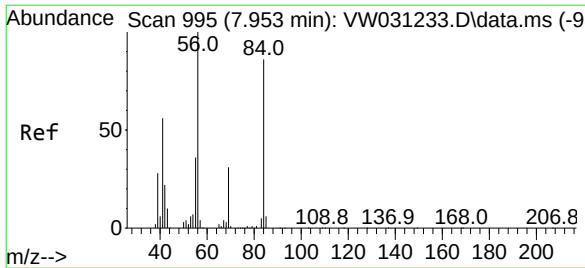


#27
1,2-Dichloroethane
Concen: 17.199 ug/L
RT: 8.398 min Scan# 1068
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07



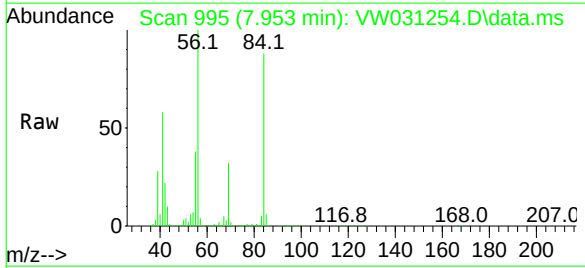
Tgt Ion: 62 Resp: 245277
Ion Ratio Lower Upper
62 100
98 8.9 7.2 10.8





#29
Cyclohexane
Concen: 15.208 ug/L
RT: 7.953 min Scan# 995
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

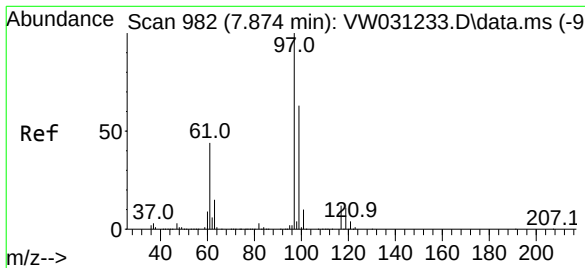
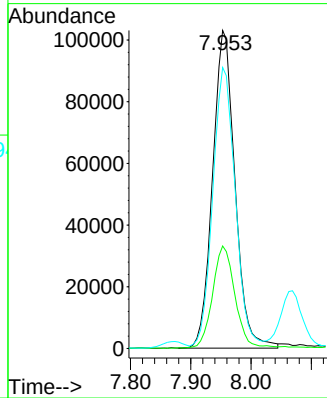
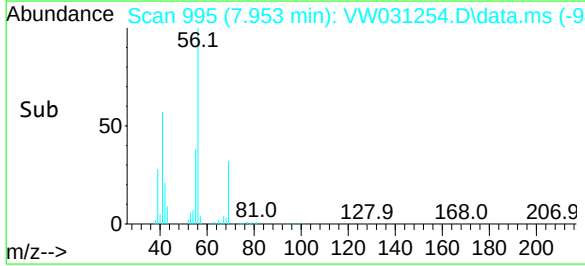
Instrument :
MSVOA_W
ClientSampleId :
E28S7MS



Tgt Ion: 56 Resp: 265707
Ion Ratio Lower Upper
56 100
69 31.5 25.0 37.4
84 88.9 68.9 103.3

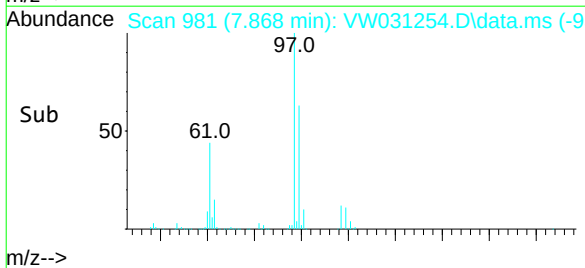
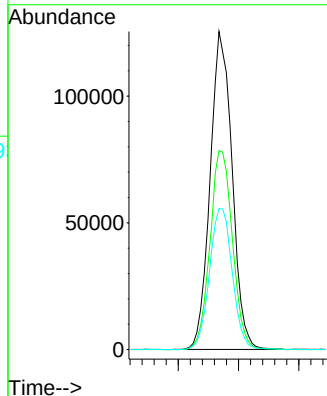
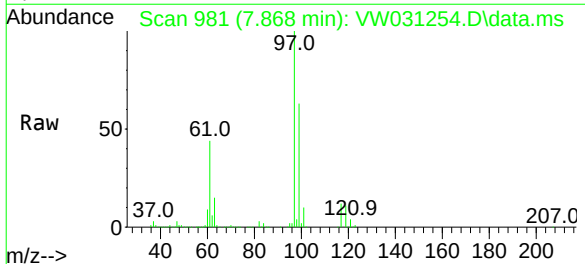
Manual Integrations
APPROVED

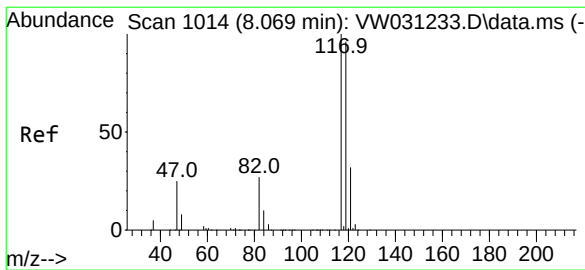
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#30
1,1,1-Trichloroethane
Concen: 19.074 ug/L
RT: 7.868 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion: 97 Resp: 317620
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 46.2 36.3 54.5





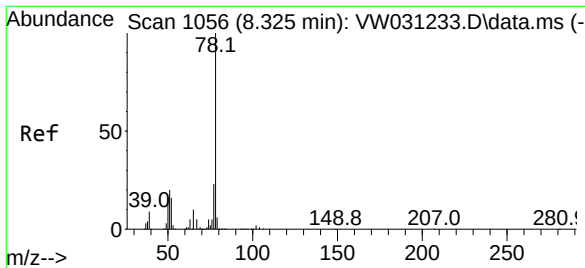
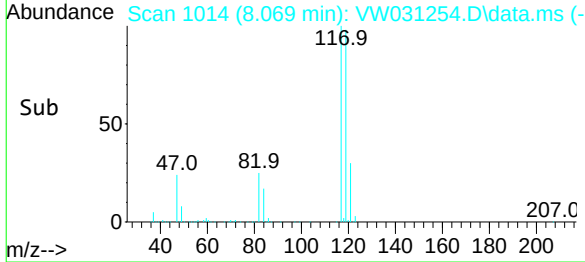
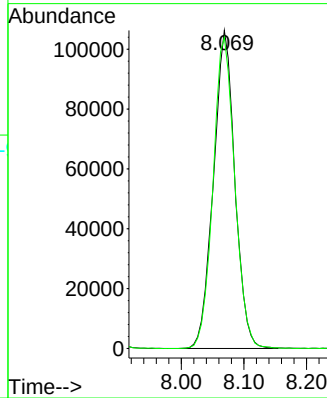
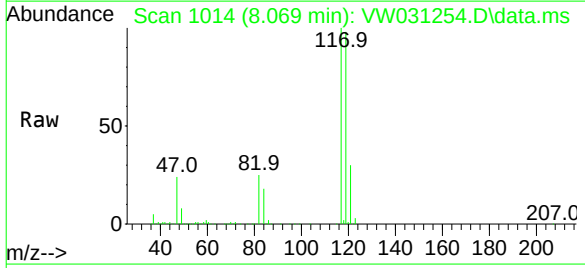
#31
Carbon tetrachloride
Concen: 17.033 ug/L
RT: 8.069 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Instrument :
MSVOA_W
ClientSampleId :
E28S7MS

Tgt Ion:117 Resp: 252689
Ion Ratio Lower Upper
117 100
119 99.3 76.0 114.0

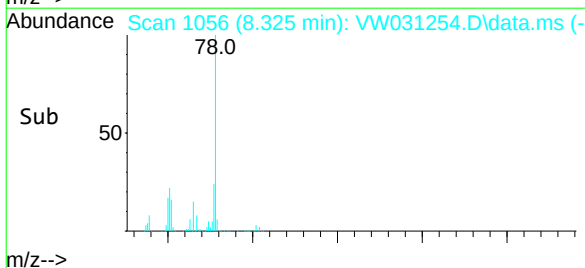
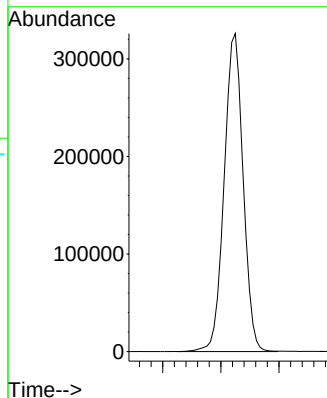
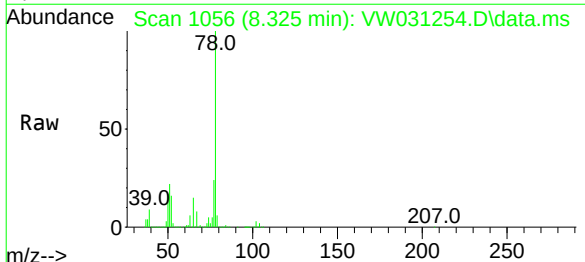
Manual Integrations
APPROVED

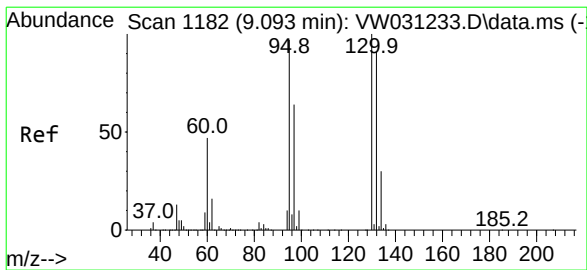
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#33
Benzene
Concen: 18.556 ug/L
RT: 8.325 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion: 78 Resp: 738783





#34

Trichloroethene

Concen: 16.958 ug/L

RT: 9.087 min Scan# 1182

Delta R.T. -0.006 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

E28S7MS

Tgt Ion: 95 Resp: 190606

Ion Ratio Lower Upper

95 100

97 62.2 46.5 86.3

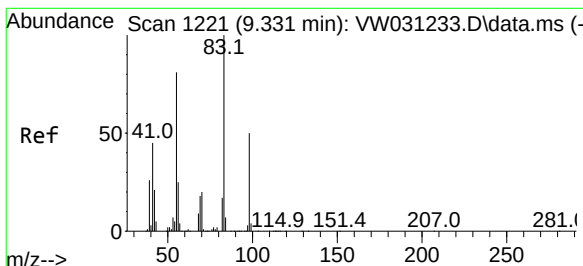
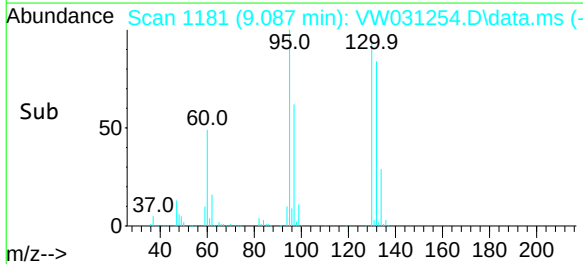
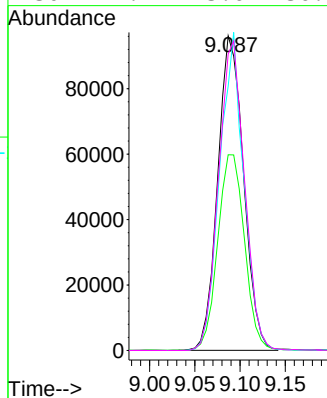
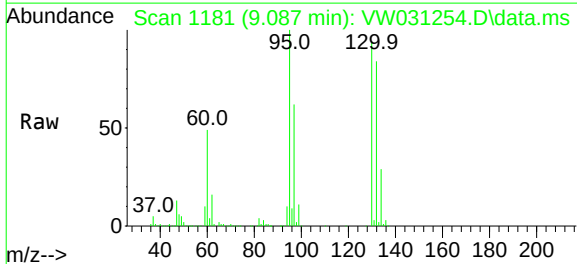
132 84.0 70.3 130.5

130 94.2 73.6 136.8

Manual Integrations

APPROVED

Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#35

Methylcyclohexane

Concen: 11.327 ug/L

RT: 9.331 min Scan# 1221

Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

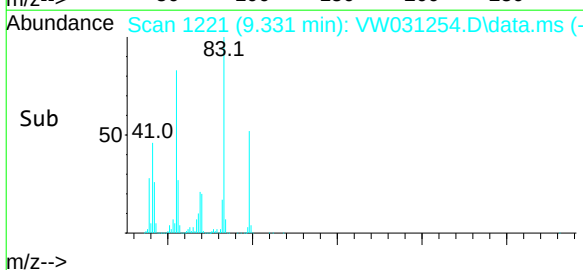
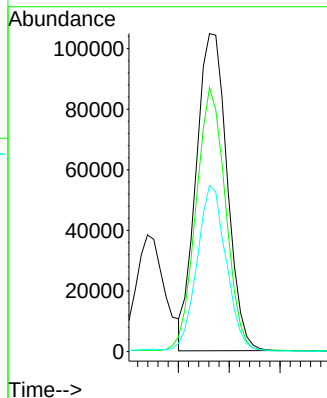
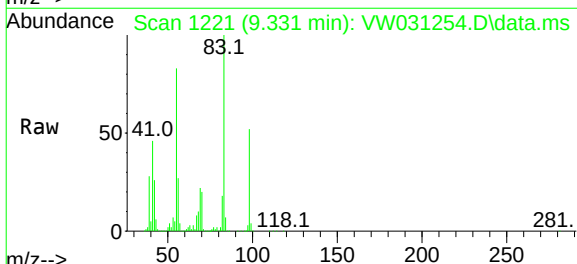
Tgt Ion: 83 Resp: 221722

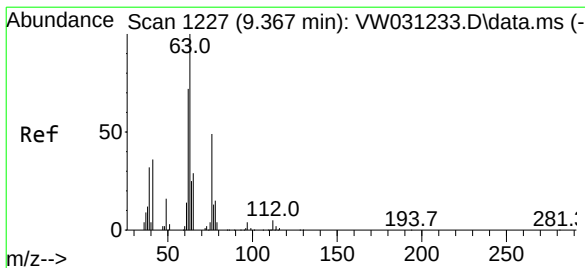
Ion Ratio Lower Upper

83 100

55 78.3 62.6 93.8

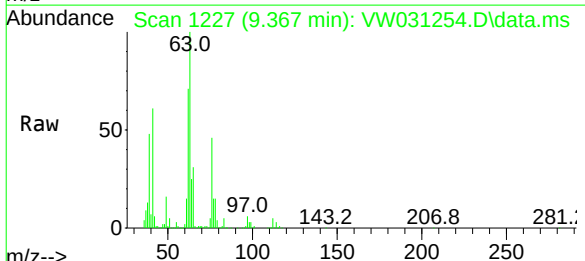
98 49.2 39.8 59.6





#37
1,2-Dichloropropane
Concen: 19.351 ug/L
RT: 9.367 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

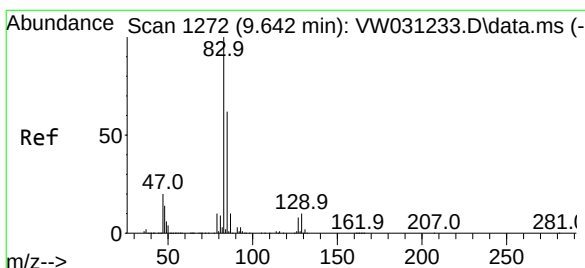
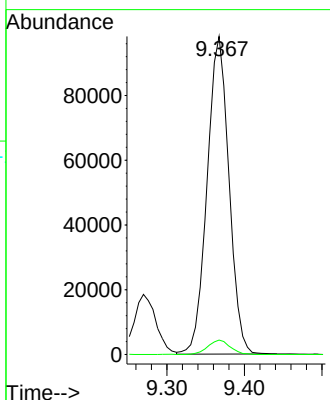
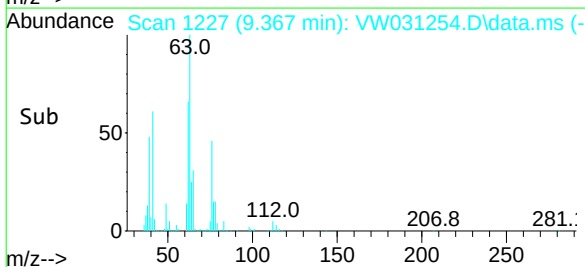
Instrument :
MSVOA_W
ClientSampleId :
E28S7MS



Tgt Ion: 63 Resp: 192190
Ion Ratio Lower Upper
63 100
112 4.6 3.8 5.8

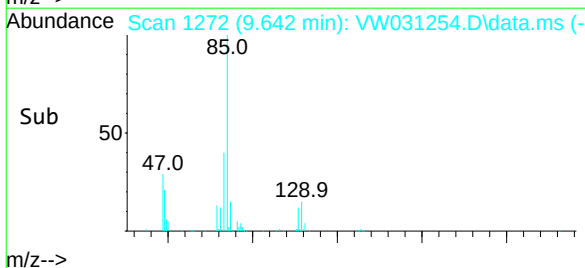
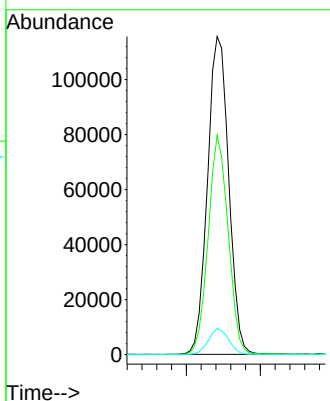
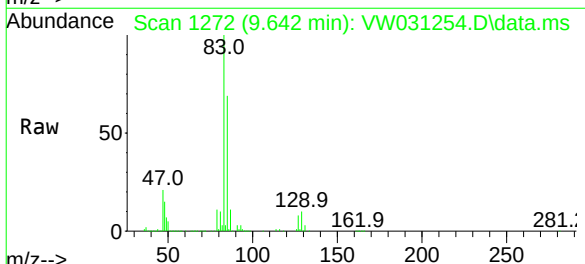
Manual Integrations
APPROVED

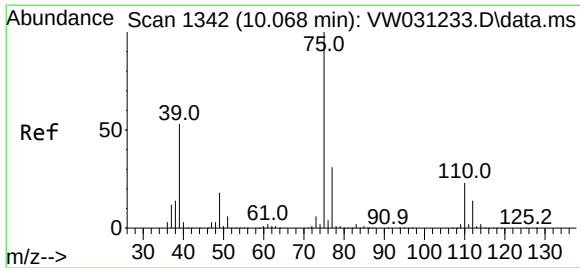
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#38
Bromodichloromethane
Concen: 17.821 ug/L
RT: 9.642 min Scan# 1272
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion: 83 Resp: 230105
Ion Ratio Lower Upper
83 100
85 69.0 46.5 86.5
127 8.2 6.2 9.4





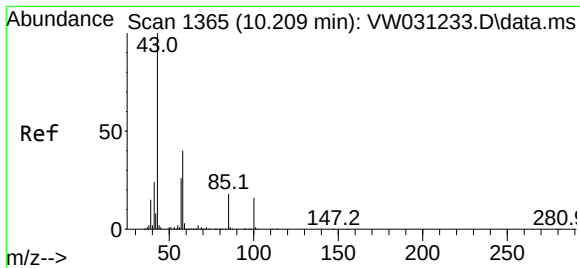
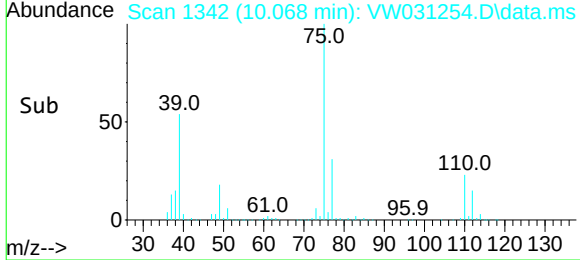
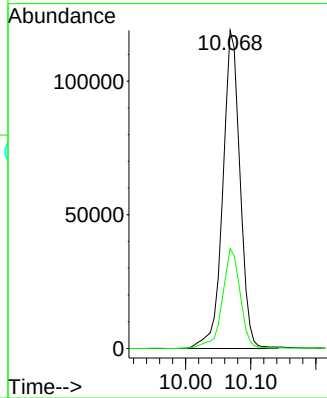
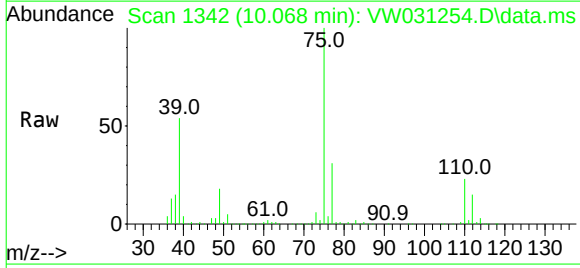
#39
 cis-1,3-Dichloropropene
 Concen: 13.051 ug/L
 RT: 10.068 min Scan# 1342
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

Instrument :
 MSVOA_W
 ClientSampleId :
 E28S7MS

Tgt Ion: 75 Resp: 219037
 Ion Ratio Lower Upper
 75 100
 77 31.4 21.8 40.4

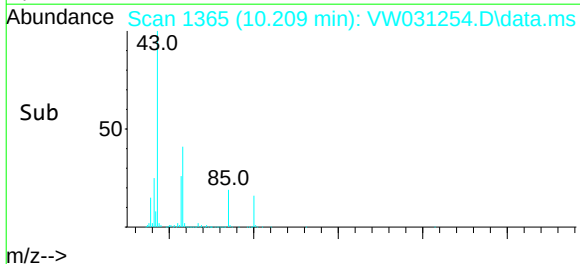
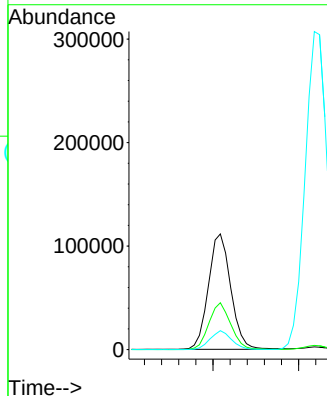
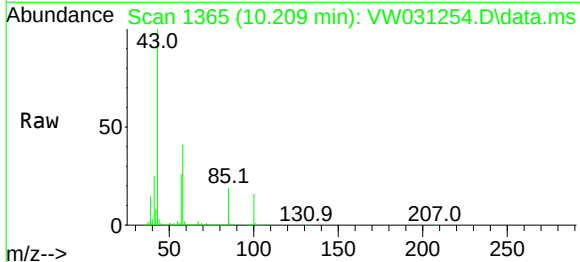
Manual Integrations
 APPROVED

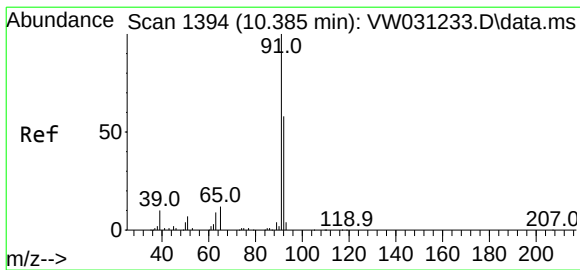
Reviewed By :Romaben Patel 12/16/2024
 Supervised By :Mahesh Dadoda 12/17/2024



#40
 4-Methyl-2-pentanone
 Concen: 38.355 ug/L
 RT: 10.209 min Scan# 1365
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

Tgt Ion: 43 Resp: 202104
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.1 46.7
 100 15.8 13.0 19.6





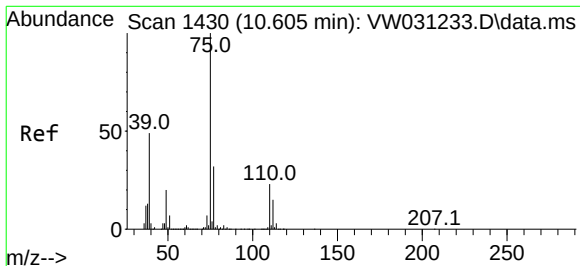
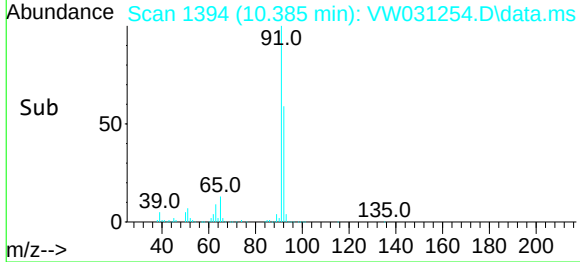
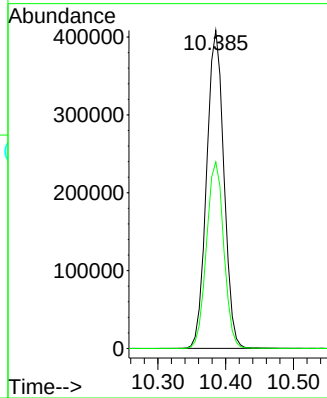
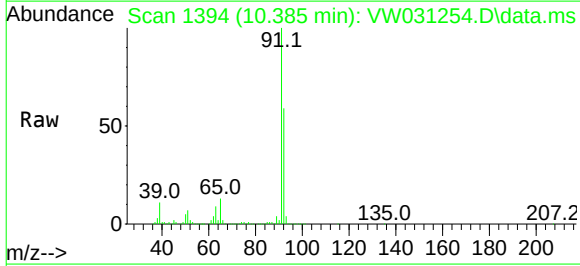
#42
Toluene
Concen: 16.677 ug/L
RT: 10.385 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Instrument : MSVOA_W
ClientSampleId : E28S7MS

Tgt Ion: 91 Resp: 722899
Ion Ratio Lower Upper
91 100
92 58.7 40.3 74.9

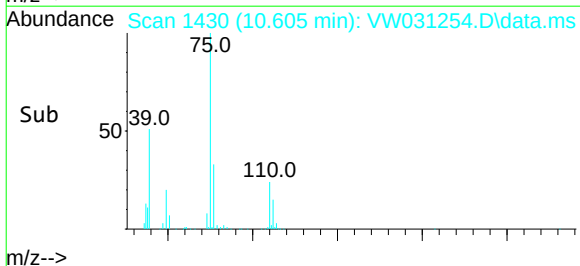
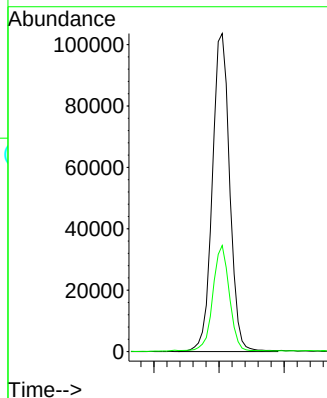
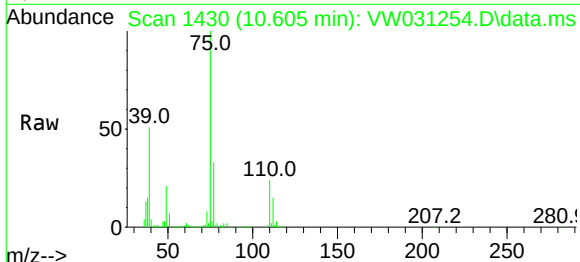
Manual Integrations
APPROVED

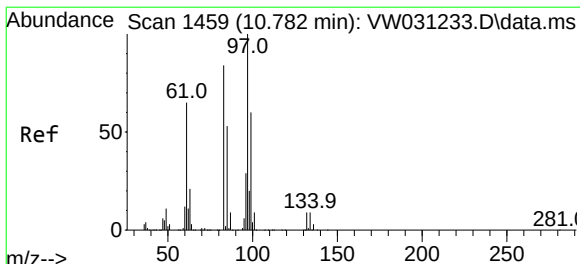
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#44
trans-1,3-Dichloropropene
Concen: 14.018 ug/L
RT: 10.605 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

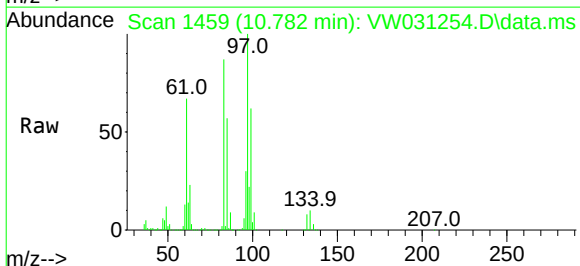
Tgt Ion: 75 Resp: 192106
Ion Ratio Lower Upper
75 100
77 33.4 21.2 39.4





#45
 1,1,2-Trichloroethane
 Concen: 19.753 ug/L
 RT: 10.782 min Scan# 1459
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

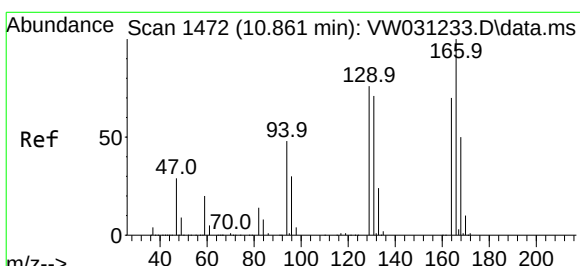
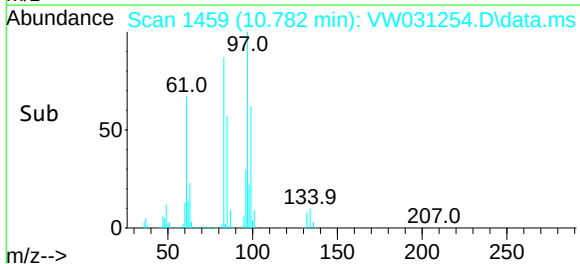
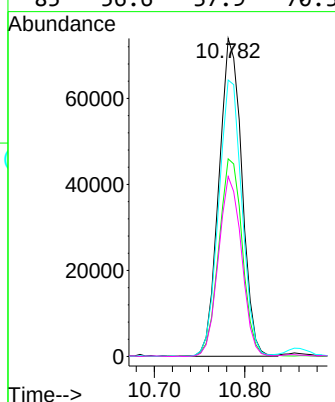
Instrument : MSVOA_W
 ClientSampleId : E28S7MS



Tgt Ion:	97	Resp:	130492
Ion	Ratio	Lower	Upper
97	100		
99	62.1	43.0	80.0
83	86.9	56.4	104.7
85	56.6	37.9	70.3

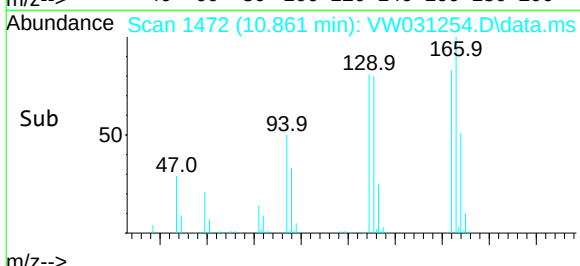
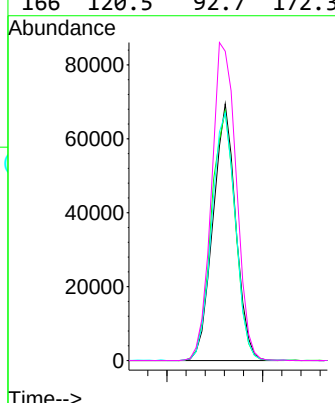
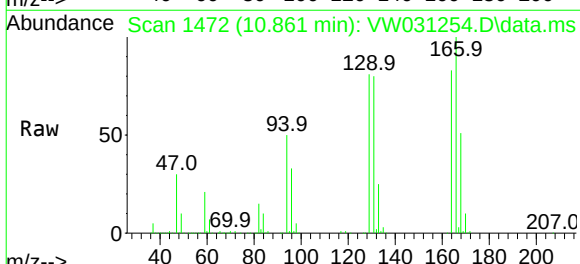
Manual Integrations
 APPROVED

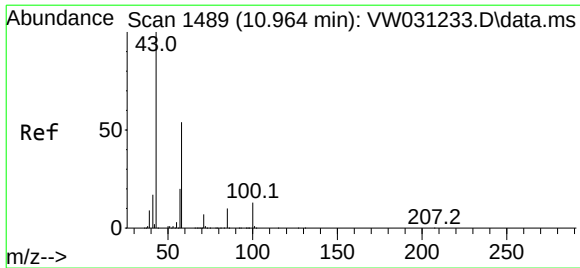
Reviewed By :Romaben Patel 12/16/2024
 Supervised By :Mahesh Dadoda 12/17/2024



#46
 Tetrachloroethene
 Concen: 13.929 ug/L
 RT: 10.861 min Scan# 1472
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

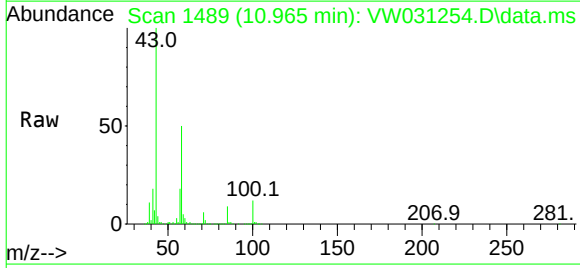
Tgt Ion:	164	Resp:	114678
Ion	Ratio	Lower	Upper
164	100		
129	97.2	73.5	136.5
131	96.4	66.6	123.8
166	120.5	92.7	172.3





#48
2-Hexanone
Concen: 34.347 ug/L
RT: 10.965 min Scan# 1489
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

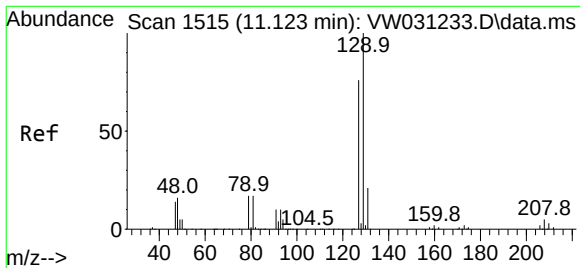
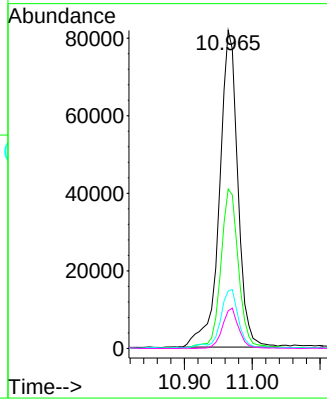
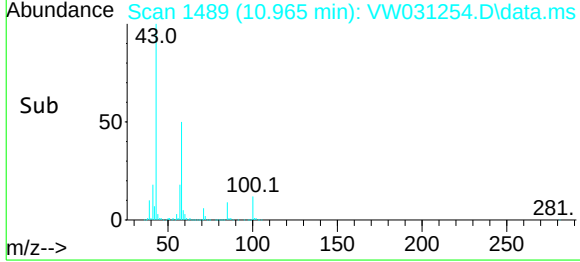
Instrument :
MSVOA_W
ClientSampleId :
E28S7MS



Tgt Ion: 43 Resp: 153928
Ion Ratio Lower Upper
43 100
58 48.7 43.0 64.6
57 17.1 15.7 23.5
100 11.3 10.3 15.5

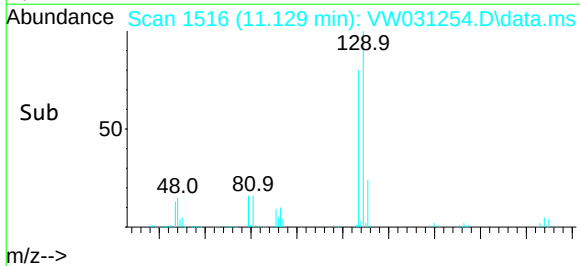
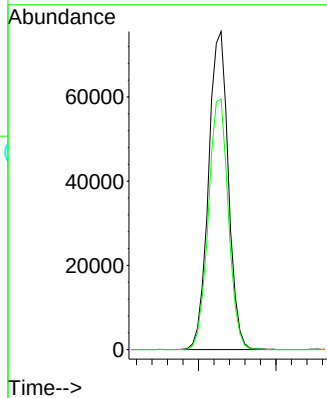
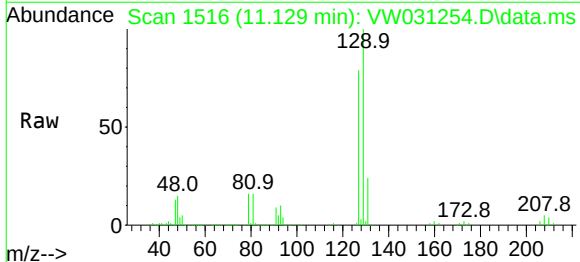
Manual Integrations
APPROVED

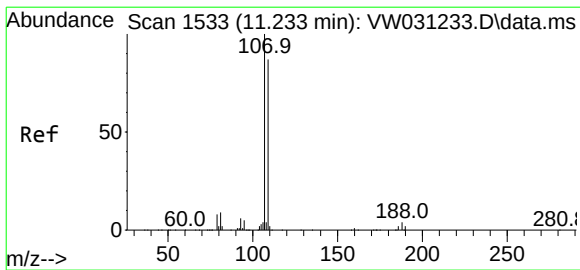
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#49
Dibromochloromethane
Concen: 17.107 ug/L
RT: 11.129 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

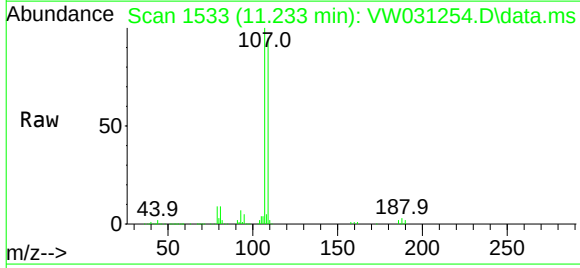
Tgt Ion:129 Resp: 133960
Ion Ratio Lower Upper
129 100
127 78.8 57.6 107.0





#50
1,2-Dibromoethane
Concen: 17.991 ug/L
RT: 11.233 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

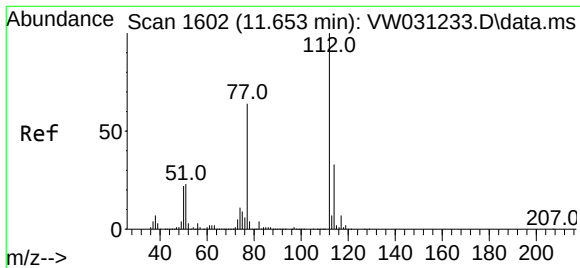
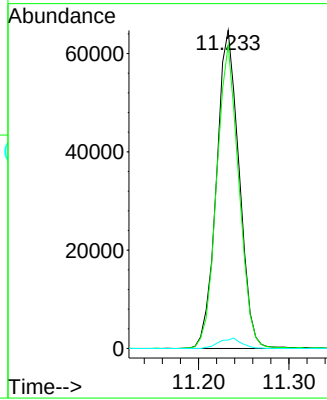
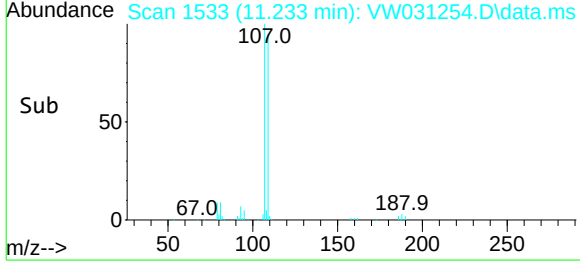
Instrument :
MSVOA_W
ClientSampleId :
E28S7MS



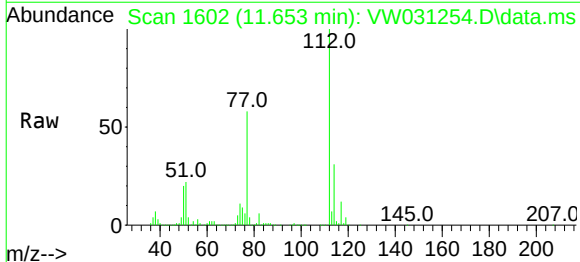
Tgt Ion: 107 Resp: 112590
Ion Ratio Lower Upper
107 100
109 95.5 63.2 117.4
188 2.6 2.6 4.0

Manual Integrations
APPROVED

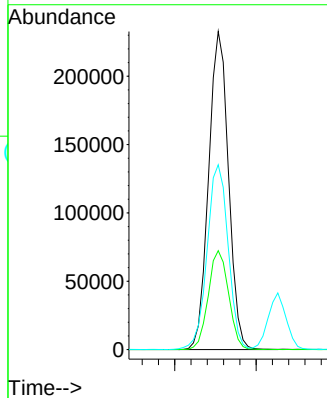
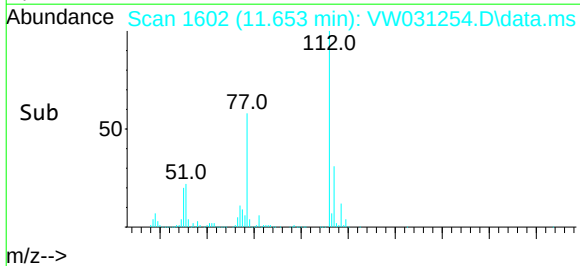
Reviewed By : Romaben Patel 12/16/2024
Supervised By : Mahesh Dadoda 12/17/2024

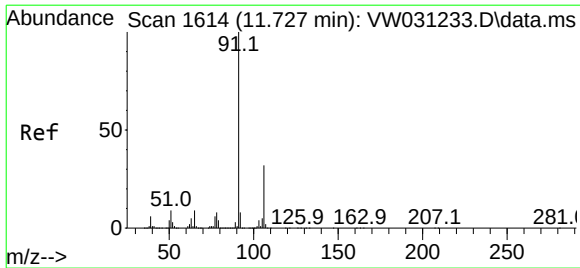


#51
Chlorobenzene
Concen: 14.521 ug/L
RT: 11.653 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07



Tgt Ion: 112 Resp: 394647
Ion Ratio Lower Upper
112 100
114 31.1 22.7 42.3
77 58.1 50.2 75.4





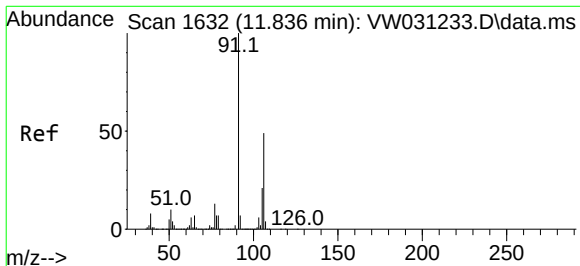
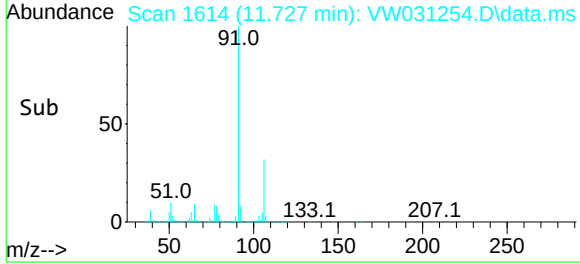
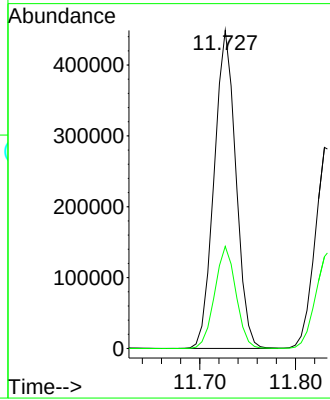
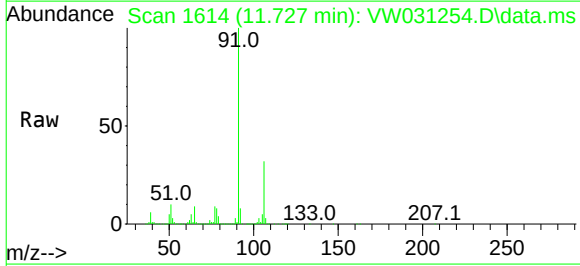
#52
 Ethylbenzene
 Concen: 14.095 ug/L
 RT: 11.727 min Scan# 1614
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

Instrument :
 MSVOA_W
 ClientSampleId :
 E28S7MS

Tgt Ion:	91	Resp:	708107
Ion	Ratio	Lower	Upper
91	100		
106	32.1	20.7	38.5

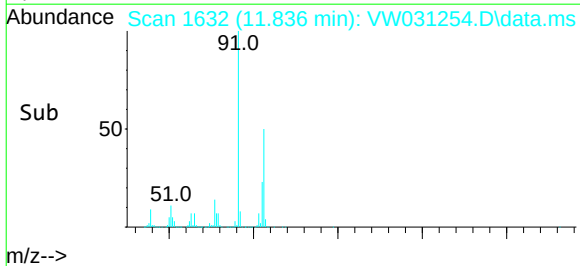
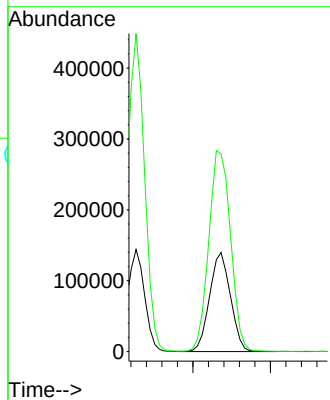
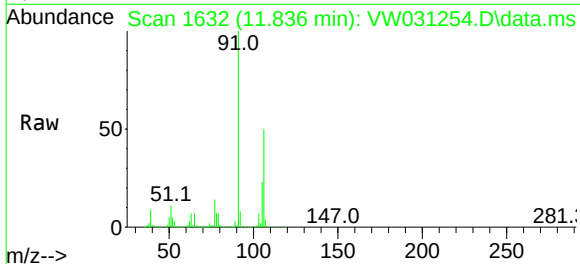
Manual Integrations
 APPROVED

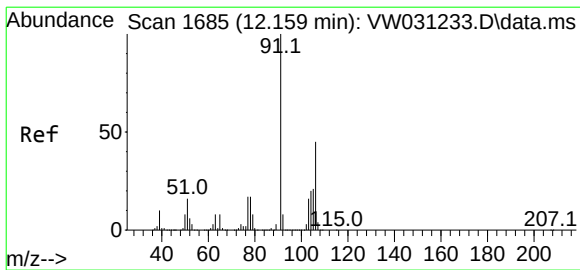
Reviewed By :Romaben Patel 12/16/2024
 Supervised By :Mahesh Dadoda 12/17/2024



#53
 m,p-Xylene
 Concen: 13.679 ug/L
 RT: 11.836 min Scan# 1632
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

Tgt Ion:	106	Resp:	261598
Ion	Ratio	Lower	Upper
106	100		
91	199.6	139.9	259.7





#54
o-Xylene
Concen: 14.187 ug/L
RT: 12.159 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

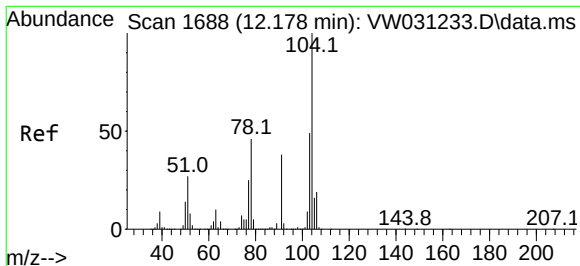
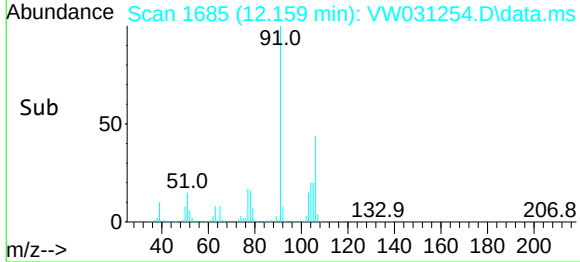
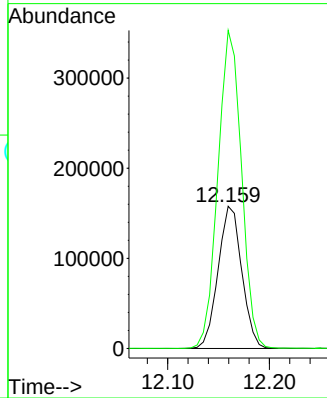
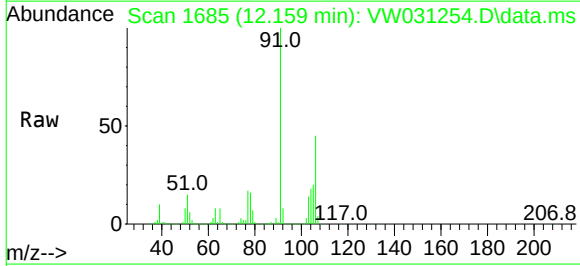
E28S7MS

Tgt Ion:	106	Resp:	255702
Ion Ratio	Lower	Upper	
106	100		
91	223.6	153.1	284.3

Manual Integrations

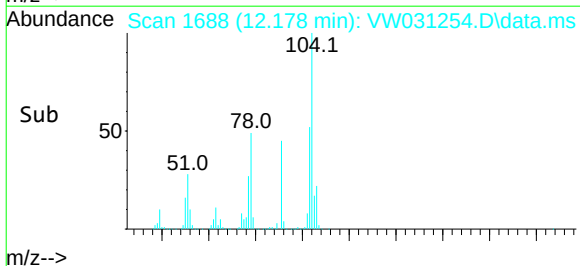
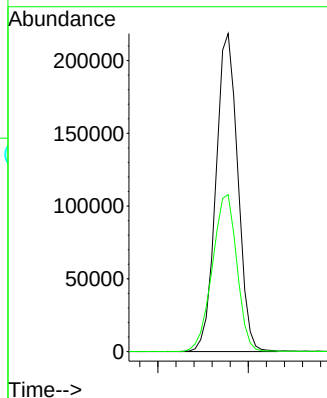
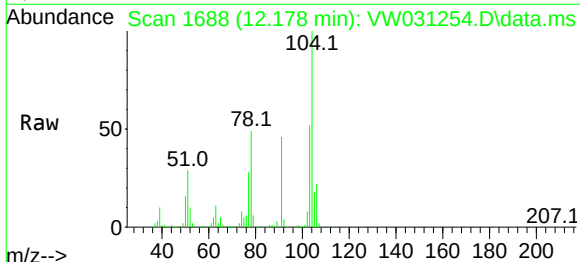
APPROVED

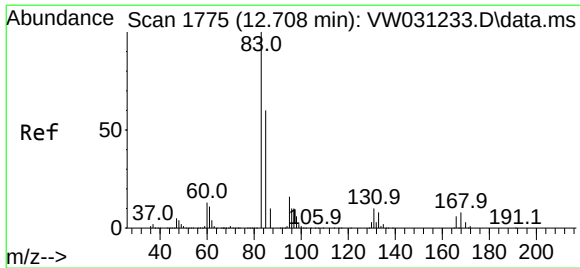
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#55
Styrene
Concen: 12.256 ug/L
RT: 12.178 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

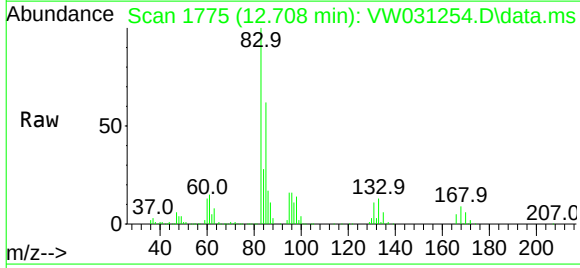
Tgt Ion:	104	Resp:	367453
Ion Ratio	Lower	Upper	
104	100		
78	49.3	31.4	58.4





#57
 1,1,2,2-Tetrachloroethane
 Concen: 18.084 ug/L
 RT: 12.708 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

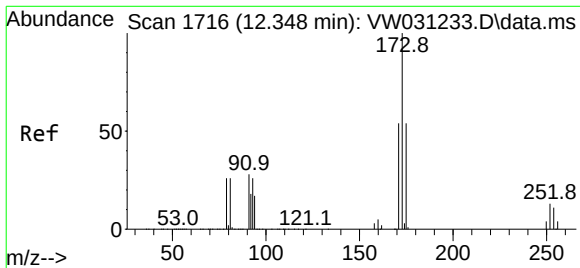
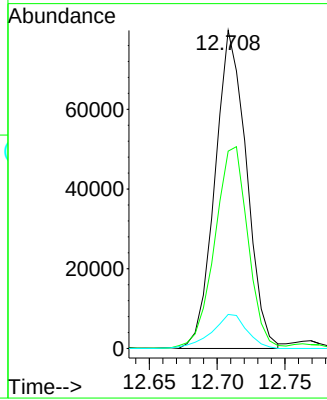
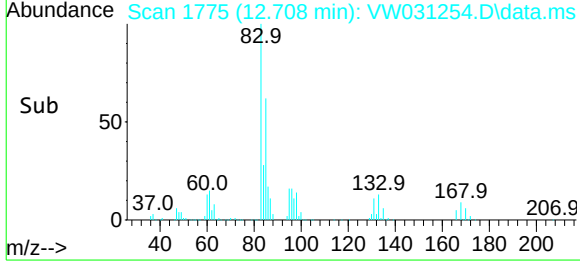
Instrument :
 MSVOA_W
 ClientSampleId :
 E28S7MS



Tgt Ion	83	Resp	128785
Ion Ratio	100	Lower	Upper
83	100		
85	62.1	44.1	81.9
131	10.7	7.9	11.9

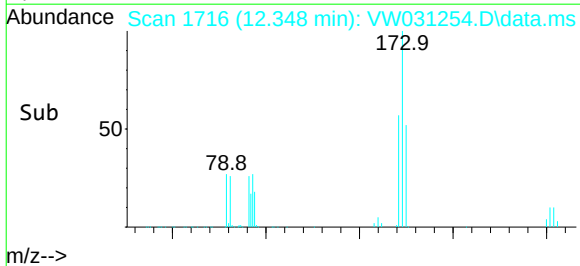
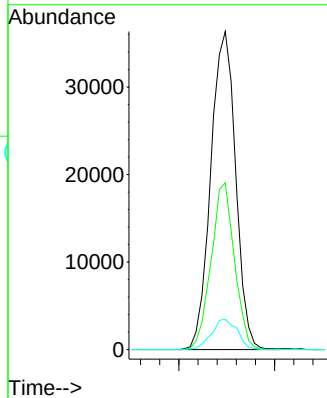
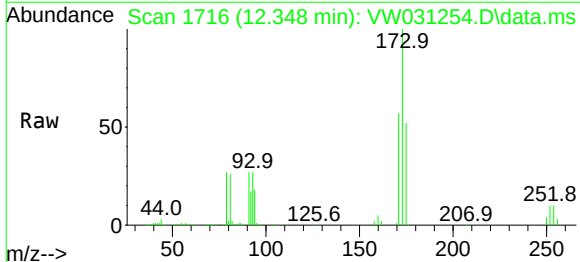
Manual Integrations
 APPROVED

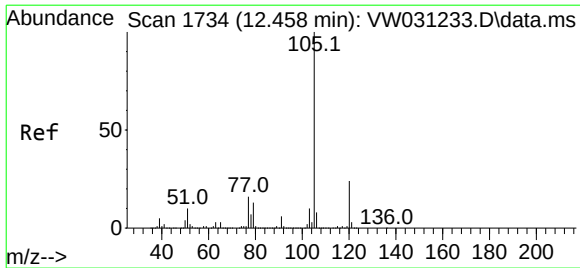
Reviewed By :Romaben Patel 12/16/2024
 Supervised By :Mahesh Dadoda 12/17/2024



#59
 Bromoform
 Concen: 26.399 ug/L
 RT: 12.348 min Scan# 1716
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

Tgt Ion	173	Resp	65513
Ion Ratio	100	Lower	Upper
173	100		
175	49.2	38.6	57.8
254	9.9	7.6	11.4





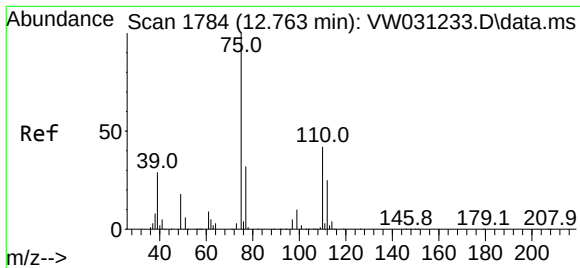
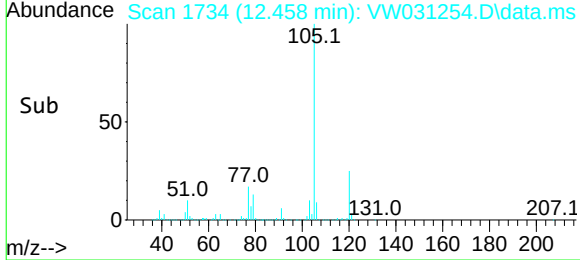
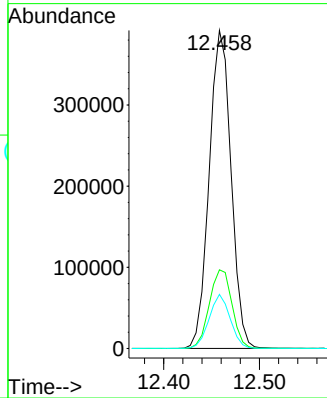
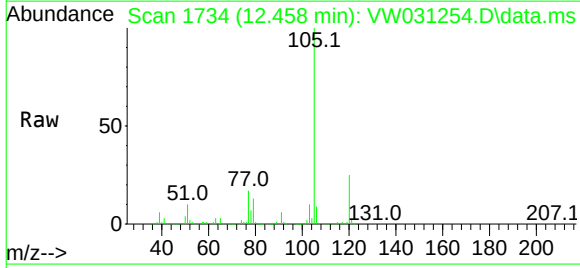
#60
Isopropylbenzene
Concen: 21.476 ug/L
RT: 12.458 min Scan# 1734
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Instrument :
MSVOA_W
ClientSampleId :
E28S7MS

Tgt Ion:	105	Resp:	620841
Ion Ratio	Lower	Upper	
105	100		
120	25.7	20.6	31.0
77	16.3	12.8	19.2

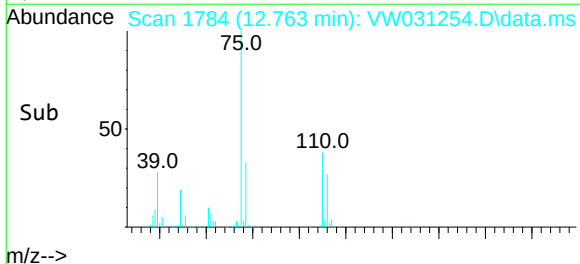
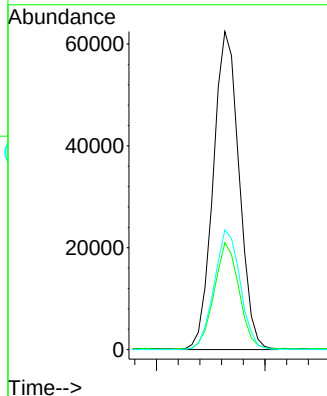
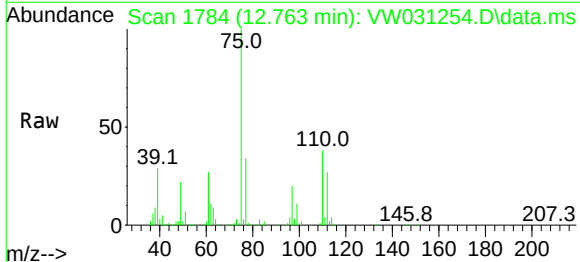
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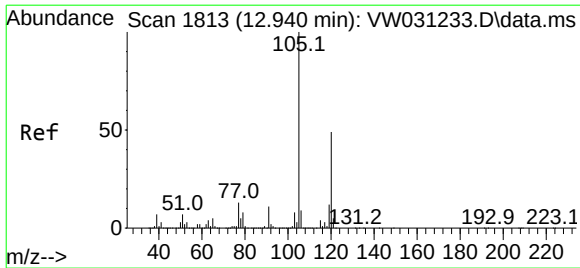
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#61
1,2,3-Trichloropropane
Concen: 34.321 ug/L
RT: 12.763 min Scan# 1784
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

Tgt Ion:	75	Resp:	103745
Ion Ratio	Lower	Upper	
75	100		
77	32.2	25.3	37.9
110	37.8	31.2	46.8





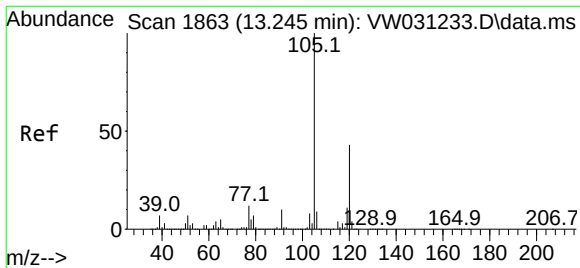
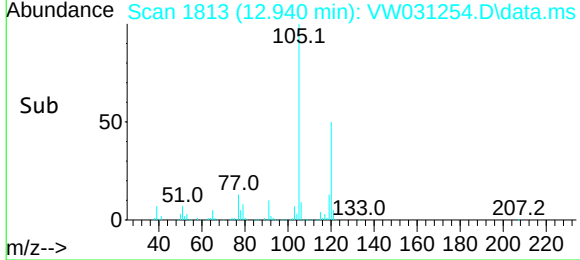
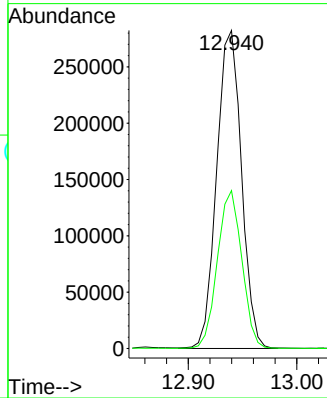
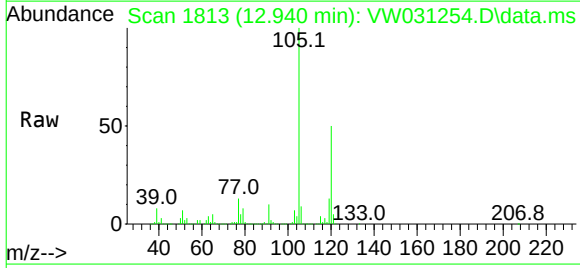
#62
 1,3,5-Trimethylbenzene
 Concen: 18.300 ug/L
 RT: 12.940 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

Instrument : MSVOA_W
 ClientSampleId : E28S7MS

Tgt Ion:105 Resp: 448495
 Ion Ratio Lower Upper
 105 100
 120 48.8 37.3 55.9

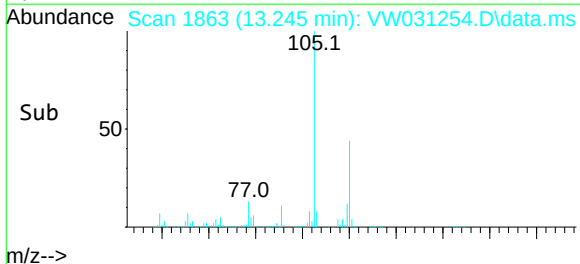
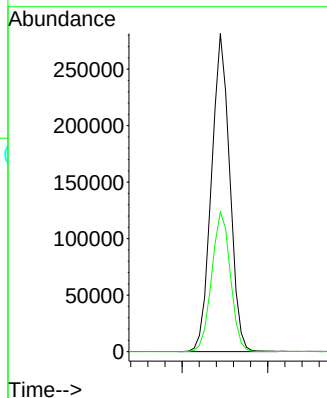
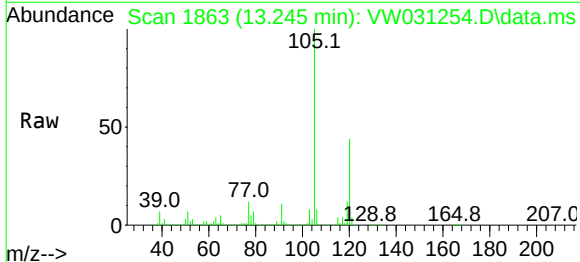
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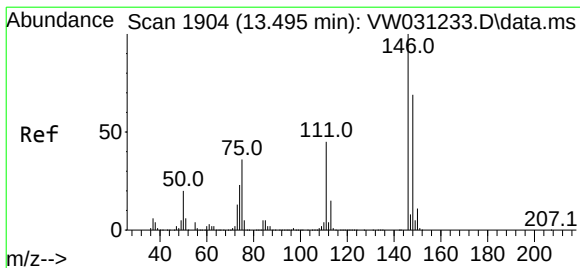
Reviewed By :Romaben Patel 12/16/2024
 Supervised By :Mahesh Dadoda 12/17/2024



#63
 1,2,4-Trimethylbenzene
 Concen: 17.629 ug/L
 RT: 13.245 min Scan# 1863
 Delta R.T. 0.000 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

Tgt Ion:105 Resp: 417602
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.0 52.4





#64

1,3-Dichlorobenzene

Concen: 14.127 ug/L

RT: 13.488 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

Instrument :

MSVOA_W

ClientSampleId :

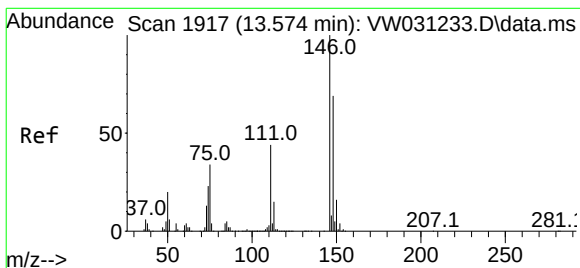
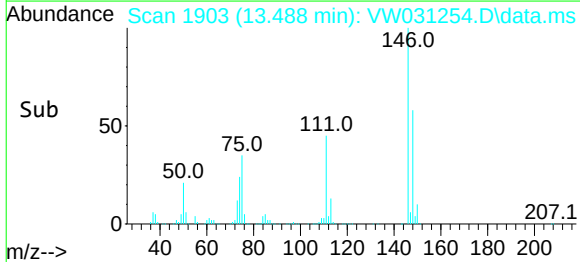
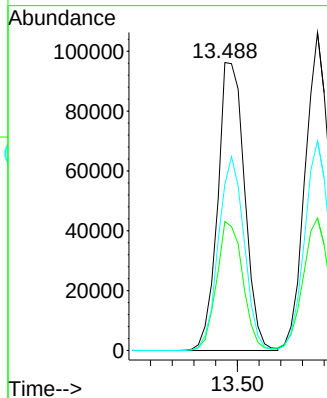
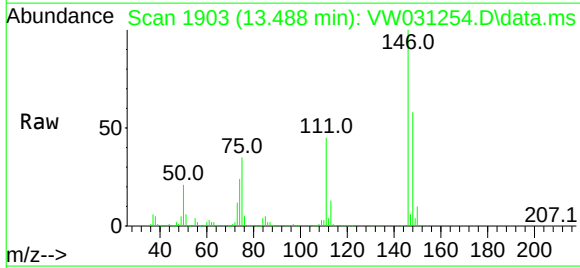
E28S7MS

Tgt Ion:	146	Resp:	165463
Ion Ratio	Lower	Upper	
146	100		
111	44.8	27.6	51.2
148	57.7	41.0	76.2

Manual Integrations

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Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#65

1,4-Dichlorobenzene

Concen: 14.308 ug/L

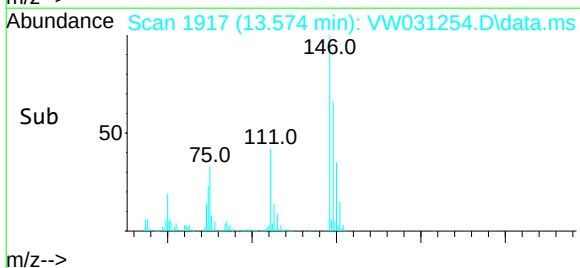
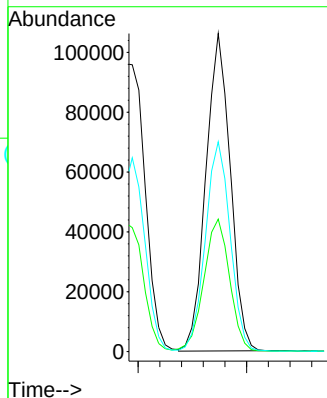
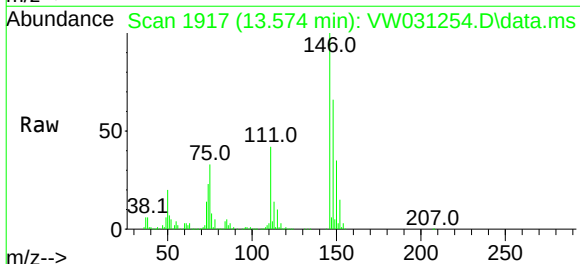
RT: 13.574 min Scan# 1917

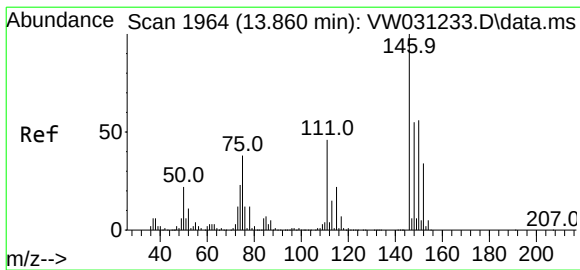
Delta R.T. 0.000 min

Lab File: VW031254.D

Acq: 13 Dec 2024 22:07

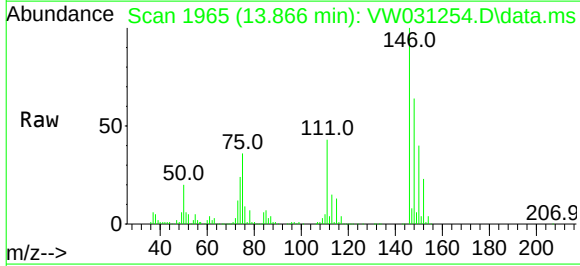
Tgt Ion:	146	Resp:	166043
Ion Ratio	Lower	Upper	
146	100		
111	41.7	30.7	56.9
148	66.0	46.5	86.3





#67
1,2-Dichlorobenzene
Concen: 14.440 ug/L
RT: 13.866 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

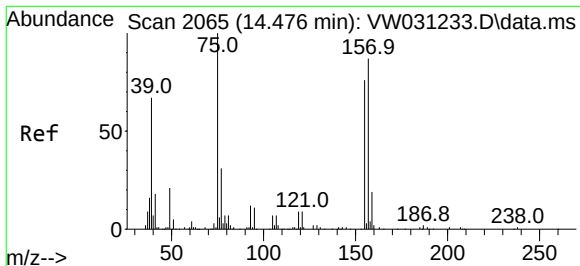
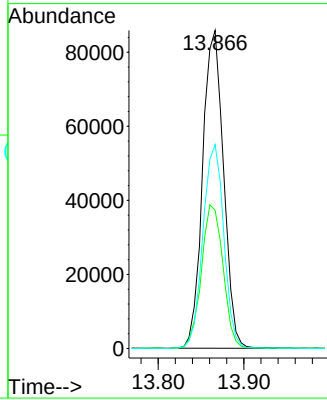
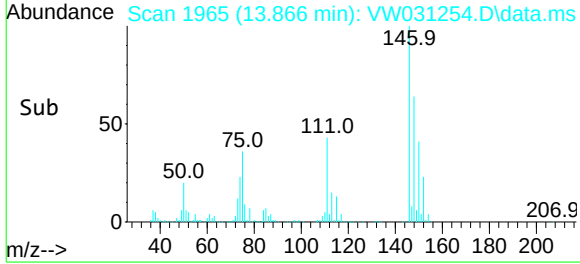
Instrument :
MSVOA_W
ClientSampleId :
E28S7MS



Tgt Ion: 146 Resp: 145725
Ion Ratio Lower Upper
146 100
111 43.4 38.6 58.0
148 64.1 53.6 80.4

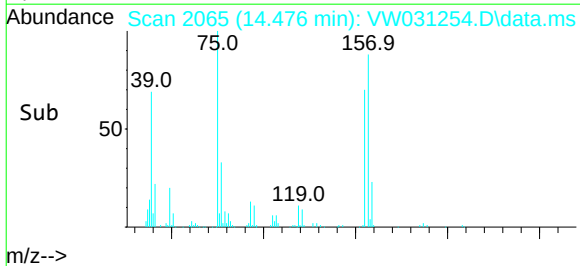
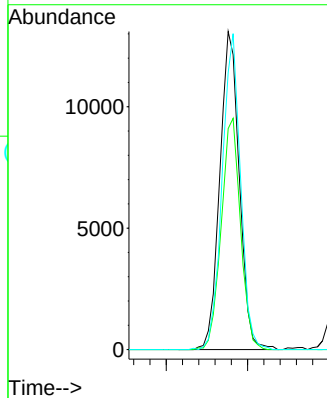
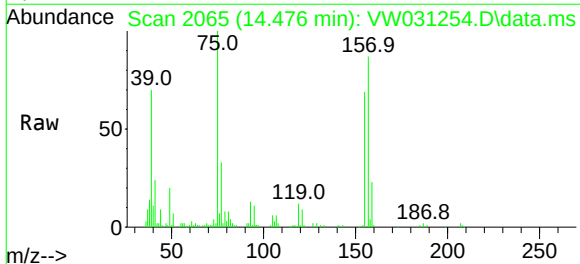
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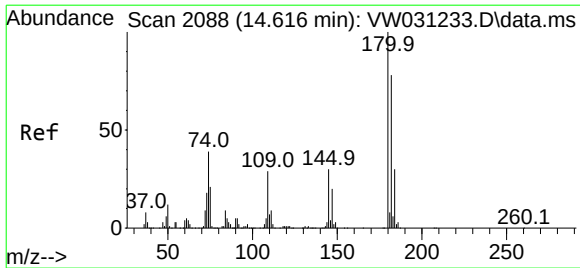
Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#68
1,2-Dibromo-3-chloropropane
Concen: 28.418 ug/L
RT: 14.476 min Scan# 2065
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

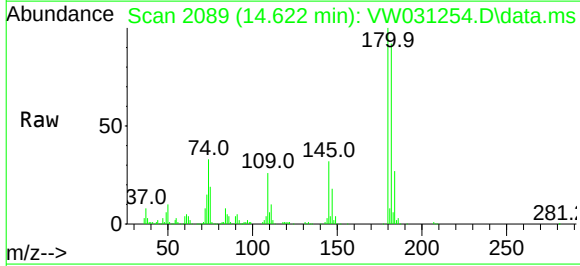
Tgt Ion: 75 Resp: 21799
Ion Ratio Lower Upper
75 100
155 69.5 56.6 85.0
157 87.1 71.2 106.8





#69
 1,3,5-Trichlorobenzene
 Concen: 8.462 ug/L
 RT: 14.622 min Scan# 2088
 Delta R.T. 0.006 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

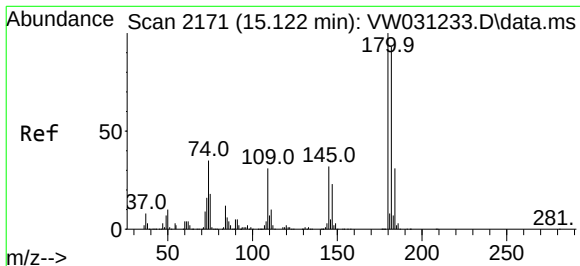
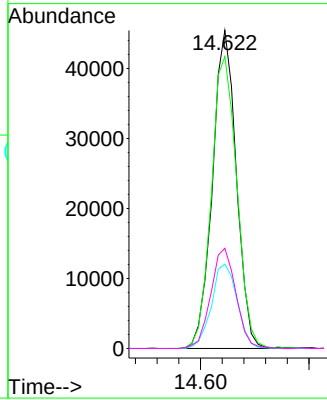
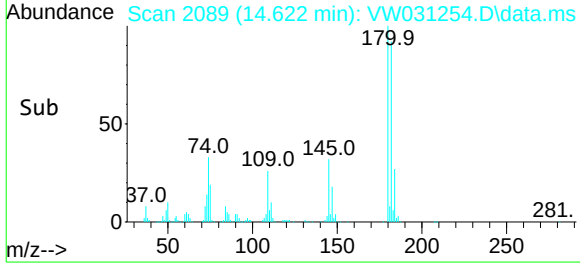
Instrument :
 MSVOA_W
 ClientSampleId :
 E28S7MS



Tgt Ion:	180	Resp:	69408
Ion Ratio	Lower	Upper	
180	100		
182	97.7	75.0	112.4
184	28.5	24.6	36.8
145	33.2	25.7	38.5

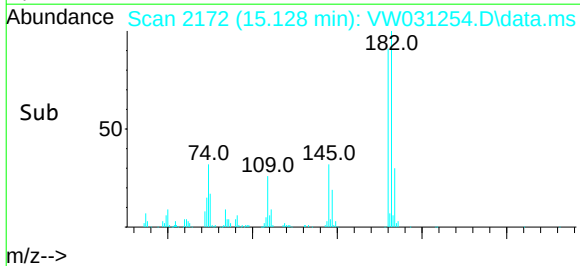
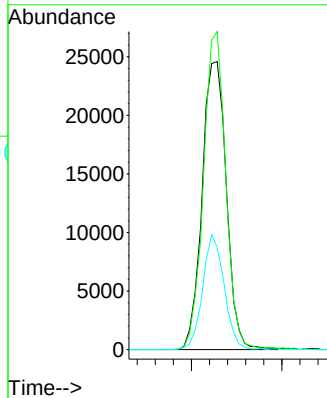
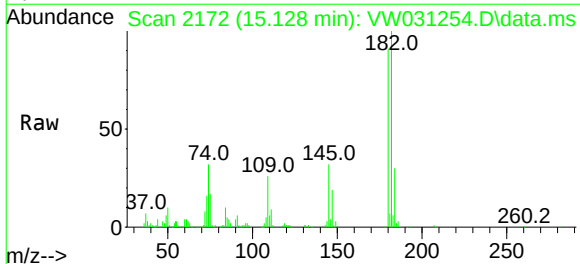
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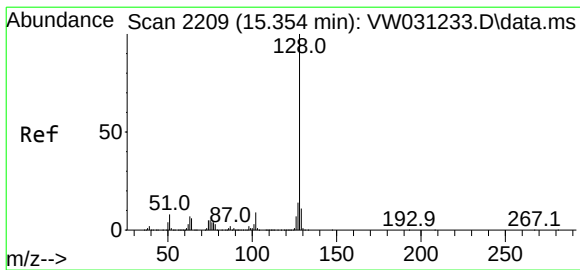
Reviewed By :Romaben Patel 12/16/2024
 Supervised By :Mahesh Dadoda 12/17/2024



#70
 1,2,4-trichlorobenzene
 Concen: 6.731 ug/L
 RT: 15.128 min Scan# 2172
 Delta R.T. 0.006 min
 Lab File: VW031254.D
 Acq: 13 Dec 2024 22:07

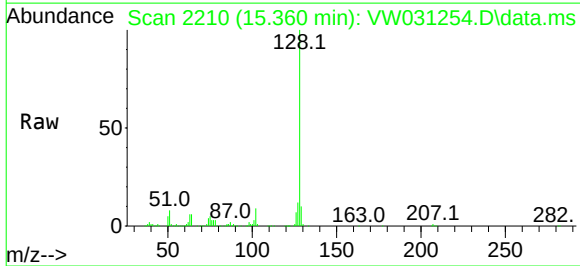
Tgt Ion:	180	Resp:	45928
Ion Ratio	Lower	Upper	
180	100		
182	101.2	78.2	117.2
145	35.3	26.7	40.1





#71
Naphthalene
Concen: 11.271 ug/L
RT: 15.360 min Scan# 2210
Delta R.T. 0.006 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07

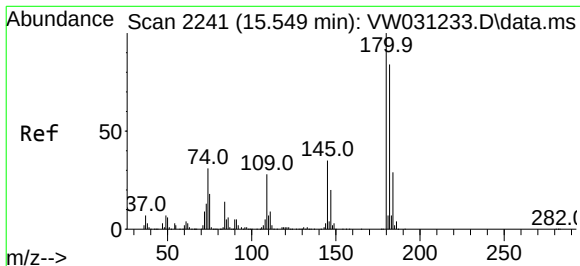
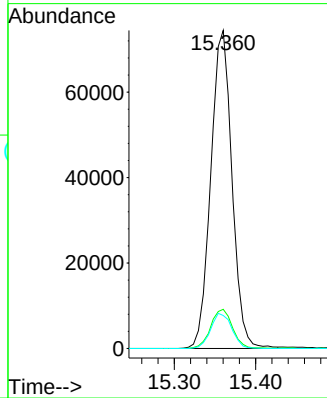
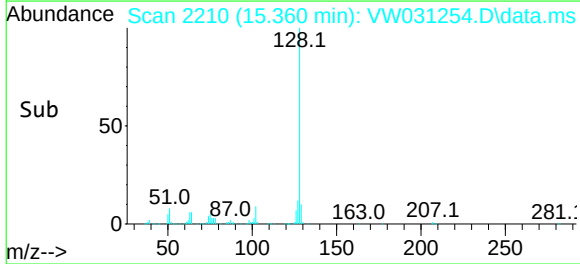
Instrument :
MSVOA_W
ClientSampleId :
E28S7MS



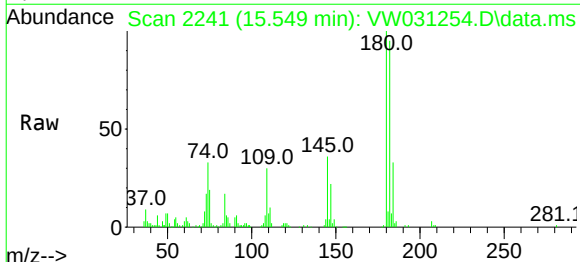
Tgt Ion:128 Resp: 134837
Ion Ratio Lower Upper
128 100
127 12.7 10.7 16.1
129 11.0 8.6 13.0

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Reviewed By :Romaben Patel 12/16/2024
Supervised By :Mahesh Dadoda 12/17/2024



#72
1,2,3-Trichlorobenzene
Concen: 6.546 ug/L
RT: 15.549 min Scan# 2241
Delta R.T. 0.000 min
Lab File: VW031254.D
Acq: 13 Dec 2024 22:07



Tgt Ion:180 Resp: 35989
Ion Ratio Lower Upper
180 100
182 95.2 75.0 112.4
145 34.8 27.8 41.6

