

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060523\
 Data File : VW031359.D
 Acq On : 05 Jun 2023 20:06
 Operator : SY/MD
 Sample : 03000-07MSD 20X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F6C29MSD

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/06/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Quant Time: Jun 06 02:12:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 06 02:05:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	144107	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	136830	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	76911	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	50880	3.471	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.529	69	45664	3.688	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.800%
11) 1,1-Dichloroethene-d2	2.053	65	25730	3.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.400%
20) 2-Butanone-d5	3.847	46	143539m	42.306	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.620%
24) Chloroform-d	4.252	84	109721	4.452	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
26) 1,2-Dichloroethane-d4	4.950	65	56065	4.241	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
32) Benzene-d6	4.966	84	195209	4.693	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
36) 1,2-Dichloropropane-d6	5.995	67	63488	4.519	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.400%
41) Toluene-d8	7.249	98	181350	4.643	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
43) trans-1,3-Dichloroprop...	7.561	79	23264	4.548	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.000%
46) 2-Hexanone-d5	8.037	63	95660	46.553	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.100%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	46046	4.311	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.200%
66) 1,2-Dichlorobenzene-d4	11.567	152	63656	4.388	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	78087	4.015	ug/L	100
3) Chloromethane	1.214	50	72708	3.784	ug/L	99
5) Vinyl chloride	1.281	62	83497	4.347	ug/L	98
6) Bromomethane	1.484	94	41605	3.779	ug/L	94
8) Chloroethane	1.545	64	46010	3.842	ug/L	98
9) Trichlorofluoromethane	1.709	101	122660	4.336	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	63113	4.036	ug/L	97
12) 1,1-Dichloroethene	2.063	96	56184	4.173	ug/L	96
13) Acetone	2.169	43	89578m	22.846	ug/L	
14) Carbon disulfide	2.233	76	157559	3.948	ug/L	99
15) Methyl Acetate	2.432	43	47387m	6.221	ug/L	
16) Methylene chloride	2.445	84	68640	4.194	ug/L	98
17) Methyl tert-butyl Ether	2.712	73	136416	4.446	ug/L	# 56
18) trans-1,2-Dichloroethene	2.693	96	57443	4.499	ug/L	96
19) 1,1-Dichloroethane	3.114	63	119672	4.220	ug/L	98
21) 2-Butanone	3.924	43	156757m	30.741	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	271122	20.955	ug/L	100
23) Bromochloromethane	4.153	128	26138	4.273	ug/L	90
25) Chloroform	4.284	83	115507	3.895	ug/L	99

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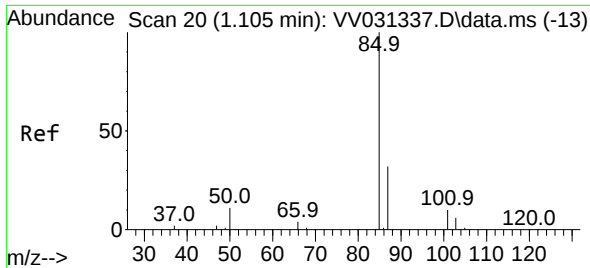
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	81818	4.747	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	105917	4.656	ug/L	100
30) Cyclohexane	4.583	56	567297	27.465	ug/L	96
31) Carbon tetrachloride	4.738	117	95743	4.719	ug/L	97
33) Benzene	5.011	78	970985	19.940	ug/L	100
34) Trichloroethene	5.834	95	402999	30.642	ug/L	98
35) Methylcyclohexane	6.053	83	317159	16.199	ug/L	96
37) 1,2-Dichloropropane	6.101	63	64641	4.510	ug/L	98
38) Bromodichloromethane	6.439	83	80409	4.388	ug/L	98
39) cis-1,3-Dichloropropene	6.960	75	84955	4.516	ug/L	97
40) 4-Methyl-2-pentanone	7.172	43	382915	45.537	ug/L	97
42) Toluene	7.320	91	255896	4.953	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	71798	4.437	ug/L	99
45) 1,1,2-Trichloroethane	7.776	97	41568	4.273	ug/L	97
47) Tetrachloroethene	7.908	164	108848	10.621	ug/L	98
48) 2-Hexanone	8.088	43	265749	39.794	ug/L	99
49) Dibromochloromethane	8.181	129	49861	4.590	ug/L	96
50) 1,2-Dibromoethane	8.291	107	39230	4.360	ug/L	91
51) Chlorobenzene	8.821	112	147100	4.570	ug/L	99
52) Ethylbenzene	8.953	91	453447	8.389	ug/L	97
53) m,p-Xylene	9.079	106	319495	16.431	ug/L	98
54) o-Xylene	9.484	106	123964	6.802	ug/L	99
55) Styrene	9.503	104	171121	5.279	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.185	83	49276	4.250	ug/L	97
59) Bromoform	9.673	173	27218	4.392	ug/L	97
60) Isopropylbenzene	9.873	105	280828	5.083	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	36974	3.935	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	268394	5.995	ug/L	97
63) 1,2,4-Trimethylbenzene	10.860	105	337800	7.310	ug/L	97
64) 1,3-Dichlorobenzene	11.123	146	125279	4.682	ug/L	97
65) 1,4-Dichlorobenzene	11.217	146	123438	4.405	ug/L	98
67) 1,2-Dichlorobenzene	11.586	146	113175	4.410	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	8686	4.030	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	93610	4.708	ug/L	98
70) 1,2,4-trichlorobenzene	13.207	180	71602	4.490	ug/L	98
71) Naphthalene	13.448	128	113560	4.642	ug/L	98
72) 1,2,3-Trichlorobenzene	13.689	180	63839	4.463	ug/L	97

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



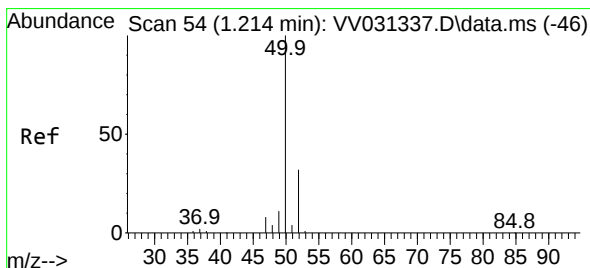
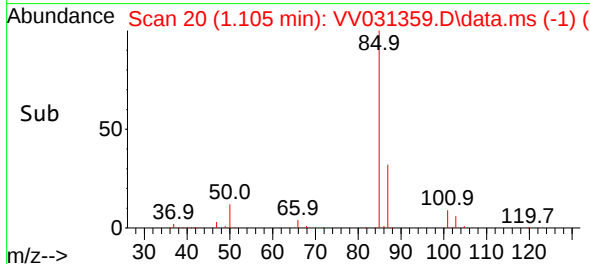
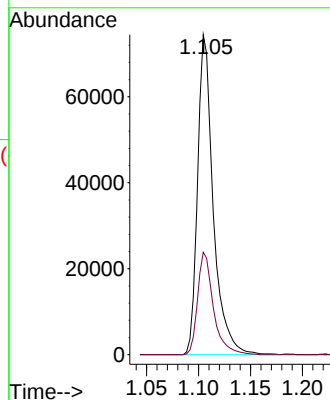
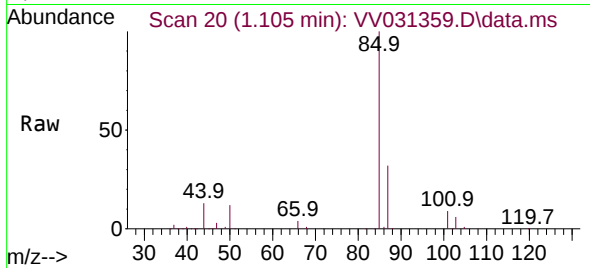
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Dichlorodifluoromethane
Concen: 4.015 ug/L
RT: 1.105 min Scan# 20
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD

Tgt Ion: 85 Resp: 7808
Ion Ratio Lower Upper
85 100
87 32.2 25.6 38.4

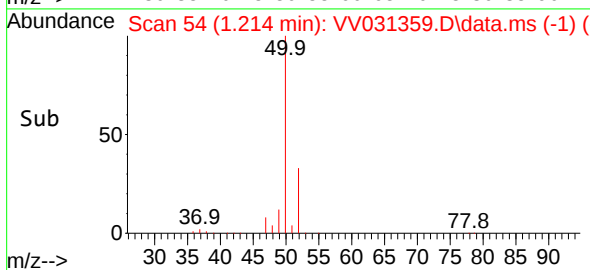
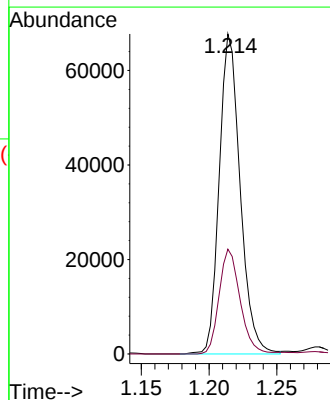
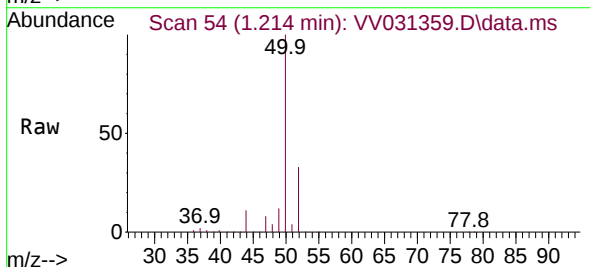
Manual Integrations
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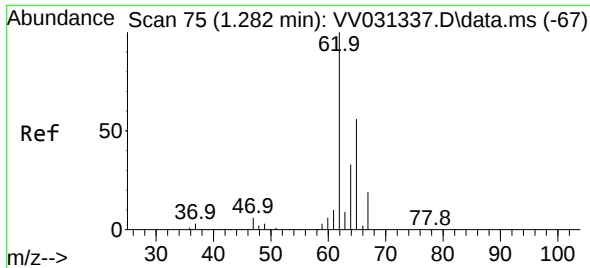
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#3
Chloromethane
Concen: 3.784 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

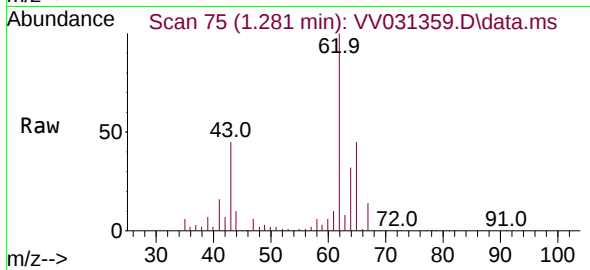
Tgt Ion: 50 Resp: 72708
Ion Ratio Lower Upper
50 100
52 32.8 23.2 43.2





#5
 Vinyl chloride
 Concen: 4.347 ug/L
 RT: 1.281 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VV031359.D
 Acq: 05 Jun 2023 20:06

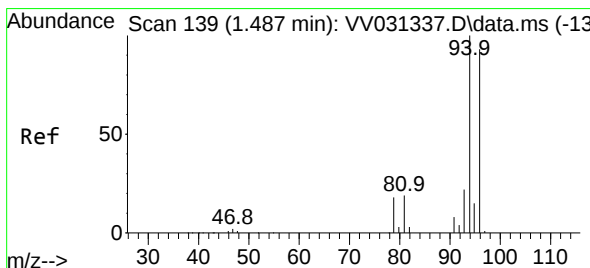
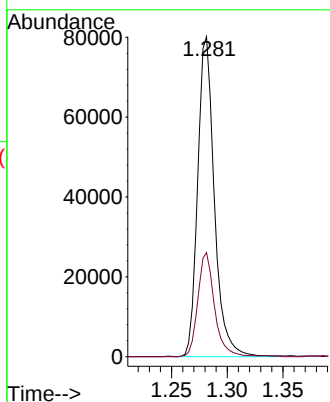
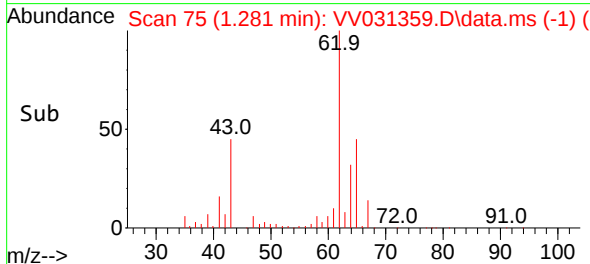
Instrument :
 MSVOA_V
 ClientSampleId :
 F6C29MSD



Tgt Ion: 62 Resp: 8349
 Ion Ratio Lower Upper
 62 100
 64 32.5 22.0 40.8

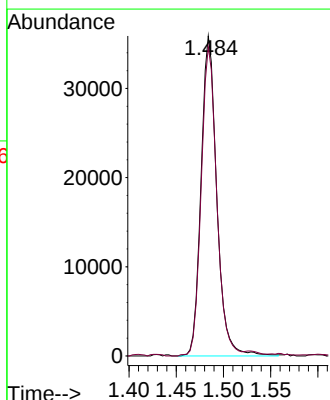
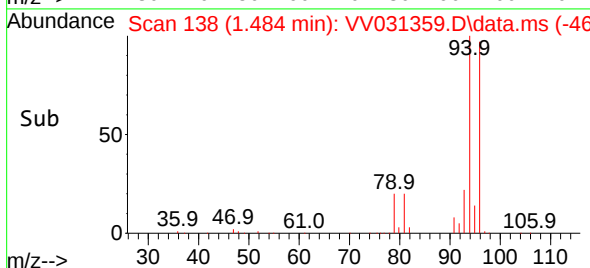
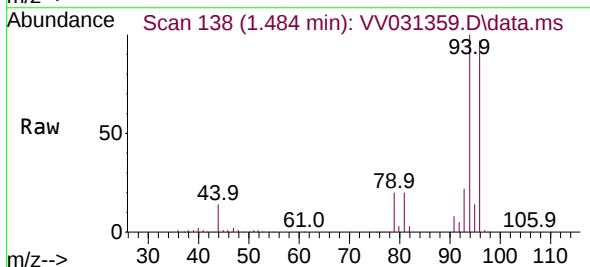
Manual Integrations
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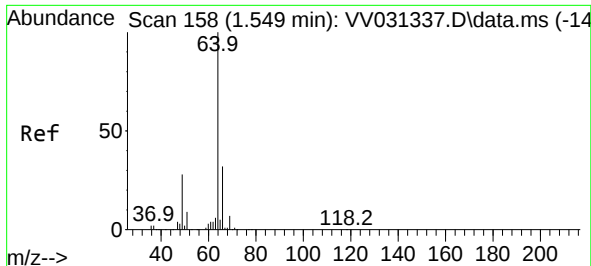
Reviewed By :Krupa Patel 06/06/2023
 Supervised By :Mahesh Dadoda 06/08/2023



#6
 Bromomethane
 Concen: 3.779 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV031359.D
 Acq: 05 Jun 2023 20:06

Tgt Ion: 94 Resp: 41605
 Ion Ratio Lower Upper
 94 100
 96 96.6 63.7 118.3





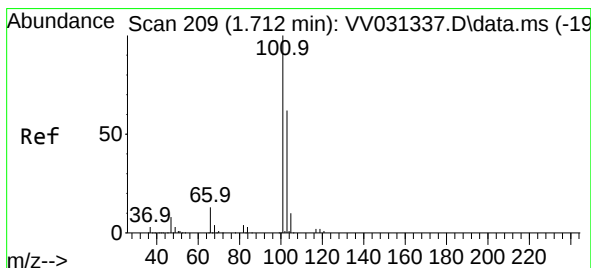
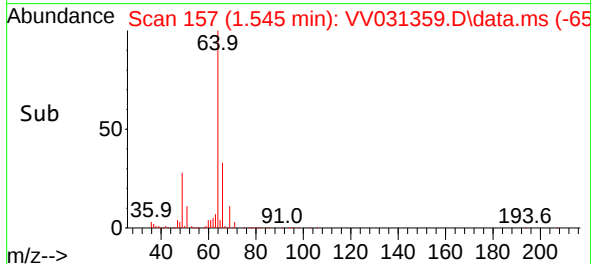
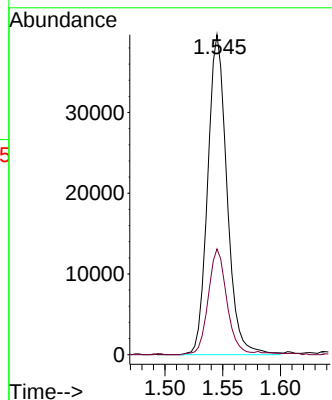
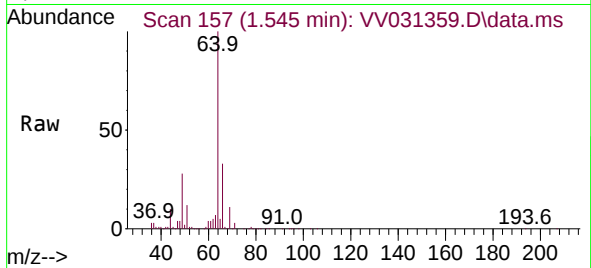
#8
Chloroethane
Concen: 3.842 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD

Tgt Ion: 64 Resp: 46010
Ion Ratio Lower Upper
64 100
66 33.1 22.5 41.9

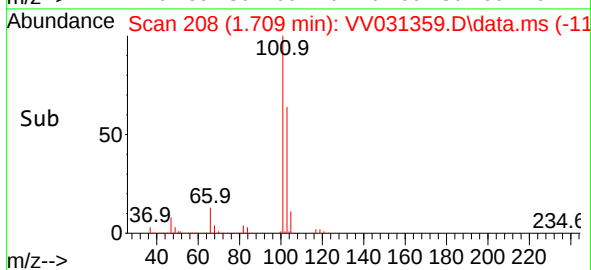
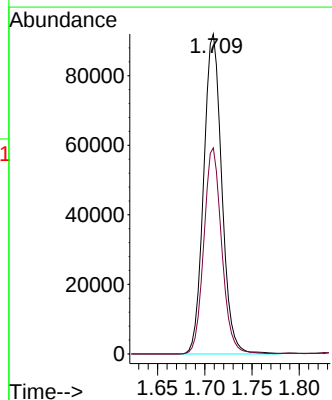
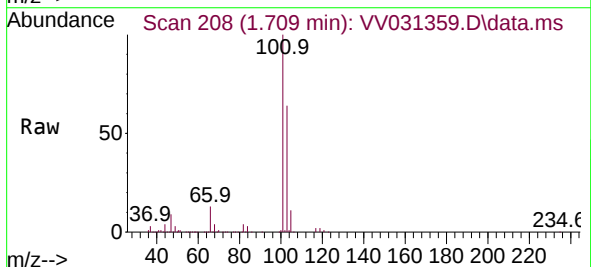
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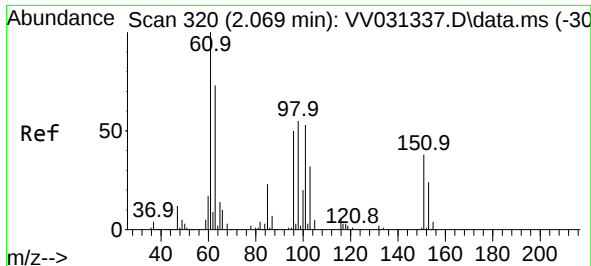
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#9
Trichlorofluoromethane
Concen: 4.336 ug/L
RT: 1.709 min Scan# 208
Delta R.T. -0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Tgt Ion:101 Resp: 122660
Ion Ratio Lower Upper
101 100
103 63.5 51.4 77.0





#10

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

Concen: 4.036 ug/L

RT: 2.063 min Scan# 318

Delta R.T. -0.007 min

Lab File: VV031359.D

Acq: 05 Jun 2023 20:06

Instrument :

MSVOA_V

ClientSampleId :

F6C29MSD

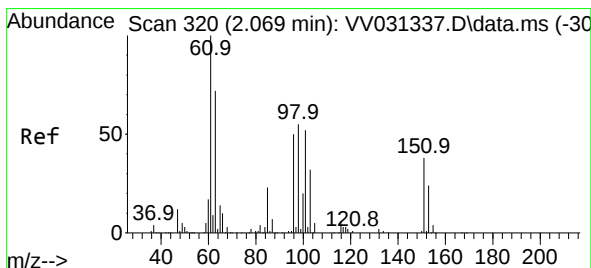
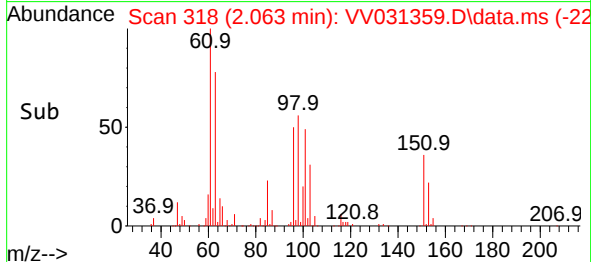
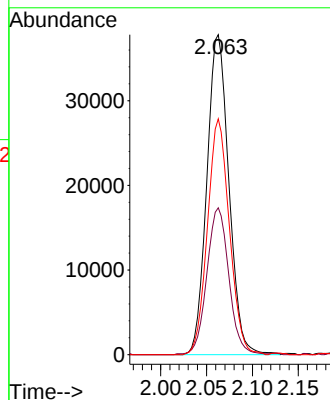
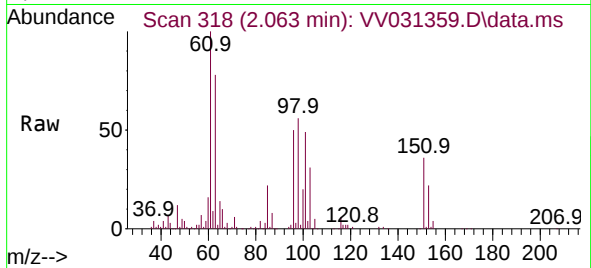
Tgt Ion:	101	Resp:	6311
Ion Ratio	Lower	Upper	
101	100		
85	45.9	37.2	55.8
151	73.3	55.5	83.3

Manual Integrations

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Supervised By :Mahesh Dadoda 06/08/2023



#12

1,1-Dichloroethene

Concen: 4.173 ug/L

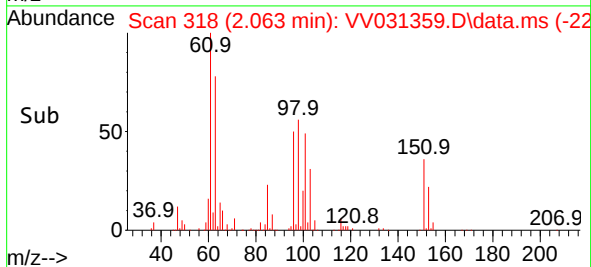
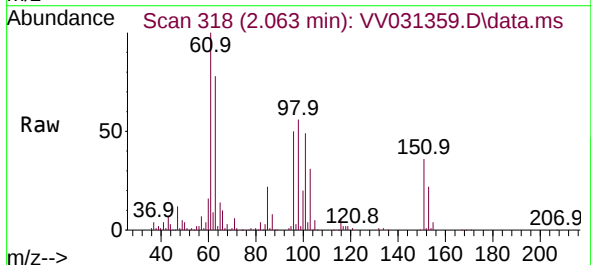
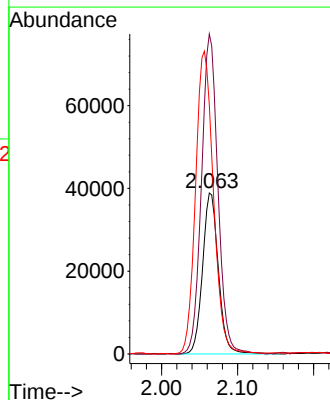
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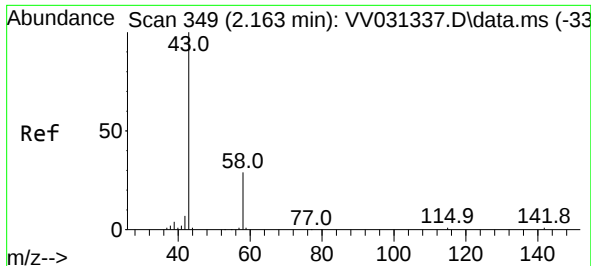
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Lab File: VV031359.D

Acq: 05 Jun 2023 20:06

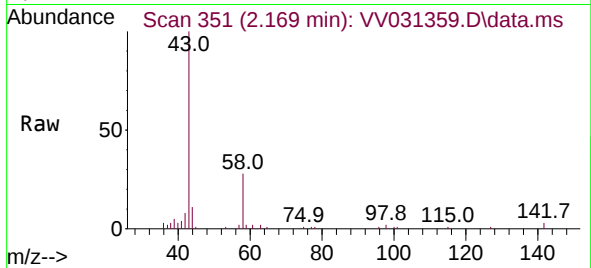
Tgt Ion:	96	Resp:	56184
Ion Ratio	Lower	Upper	
96	100		
61	198.7	138.3	256.8
63	154.6	101.9	189.3





#13
Acetone
Concen: 22.846 ug/L m
RT: 2.169 min Scan# 3
Delta R.T. 0.006 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

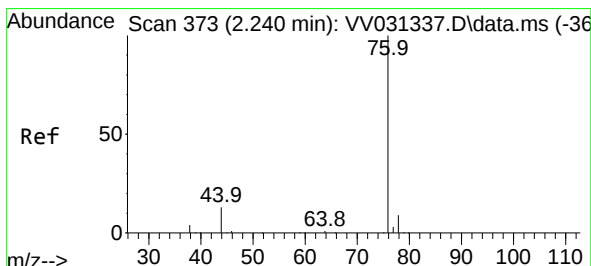
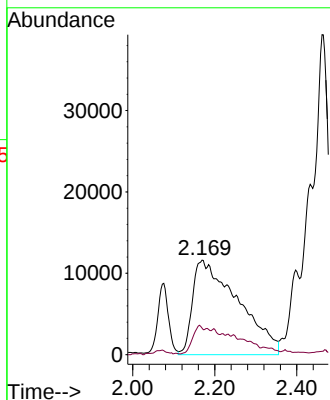
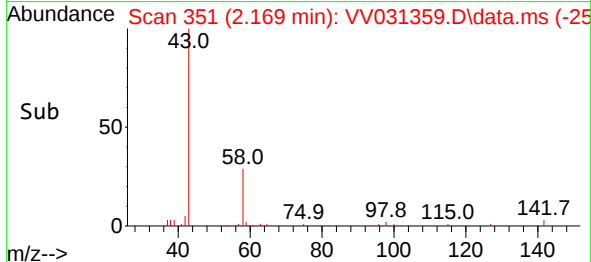
Instrument :
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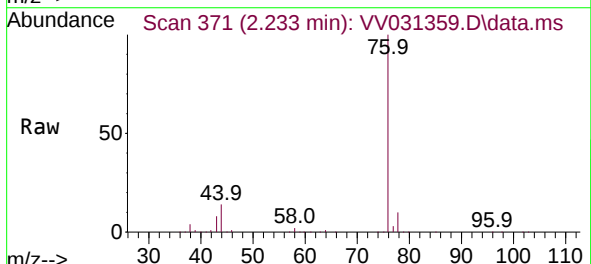
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Ion Ratio Lower Upper
43 100
58 6.8 0.0 48.4

Manual Integrations
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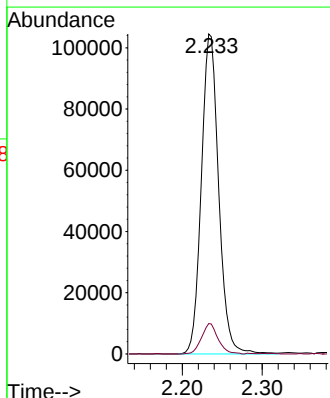
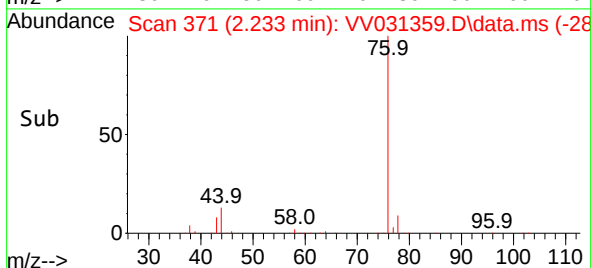
Reviewed By :Krupa Patel 06/06/2023
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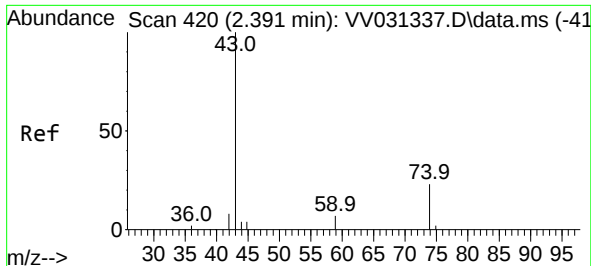


#14
Carbon disulfide
Concen: 3.948 ug/L
RT: 2.233 min Scan# 371
Delta R.T. -0.007 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06



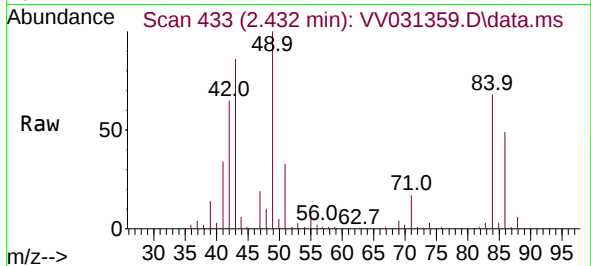
Tgt Ion: 76 Resp: 157559
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8





#15
Methyl Acetate
Concen: 6.221 ug/L m
RT: 2.432 min Scan# 41
Delta R.T. 0.042 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

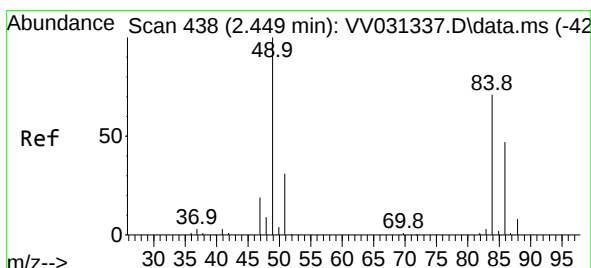
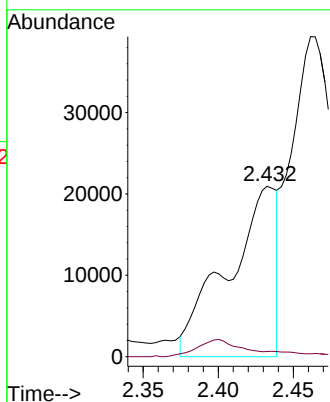
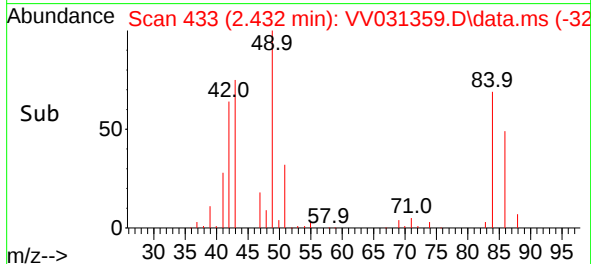
Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD



Tgt Ion: 43 Resp: 4738
Ion Ratio Lower Upper
43 100
74 9.0 16.2 24.2

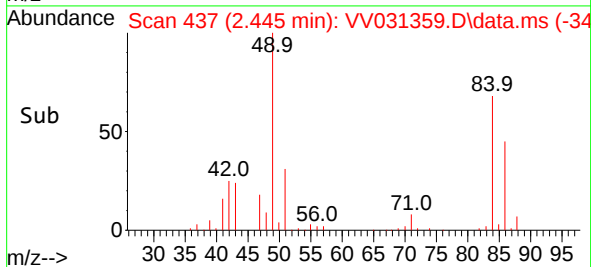
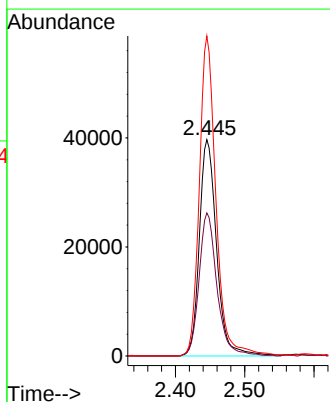
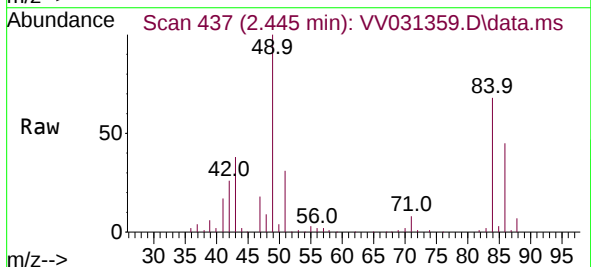
Manual Integrations
APPROVED

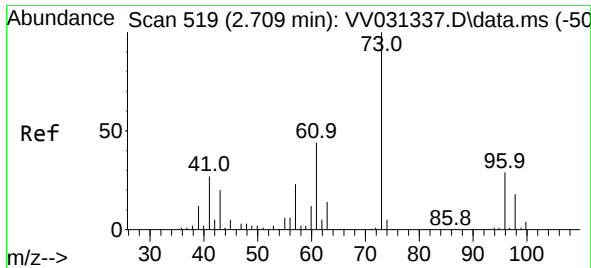
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#16
Methylene chloride
Concen: 4.194 ug/L
RT: 2.445 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Tgt Ion: 84 Resp: 68640
Ion Ratio Lower Upper
84 100
86 66.1 46.7 86.7
49 147.9 101.6 188.8





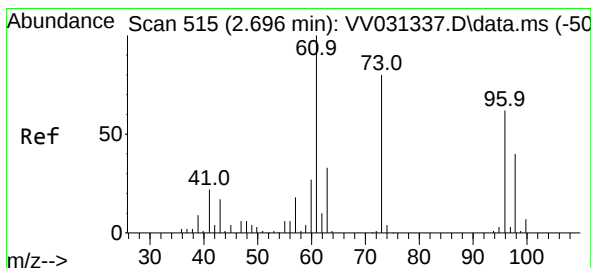
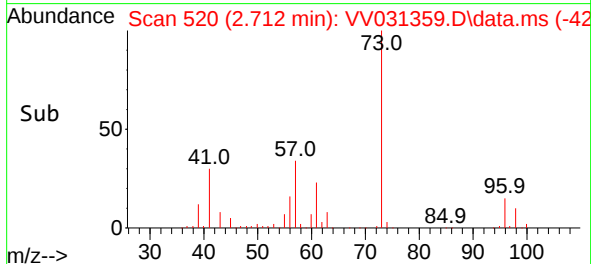
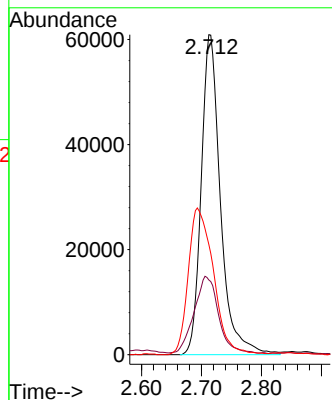
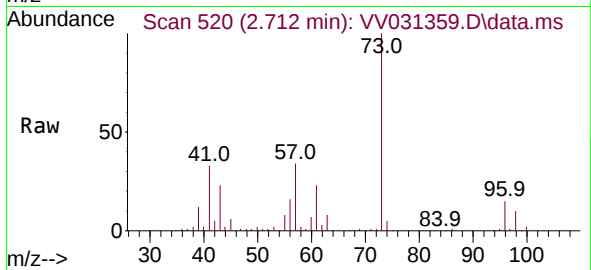
#17
Methyl tert-butyl Ether
Concen: 4.446 ug/L
RT: 2.712 min Scan# 519
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD

Tgt Ion: 73 Resp: 136410
Ion Ratio Lower Upper
73 100
43 30.0 17.8 26.8
57 59.7 19.8 29.8

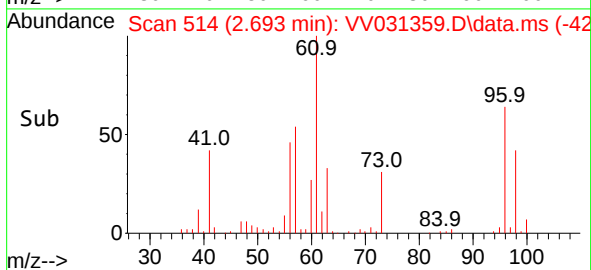
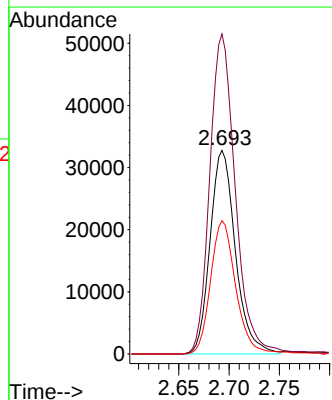
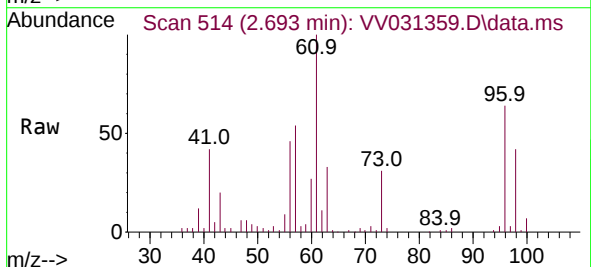
Manual Integrations
APPROVED

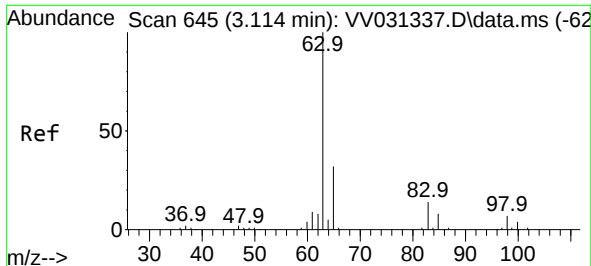
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#18
trans-1,2-Dichloroethene
Concen: 4.499 ug/L
RT: 2.693 min Scan# 514
Delta R.T. -0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Tgt Ion: 96 Resp: 57443
Ion Ratio Lower Upper
96 100
61 157.2 114.2 212.0
98 65.4 45.0 83.6





#19

1,1-Dichloroethane

Concen: 4.220 ug/L

RT: 3.114 min Scan# 64

Delta R.T. -0.000 min

Lab File: VV031359.D

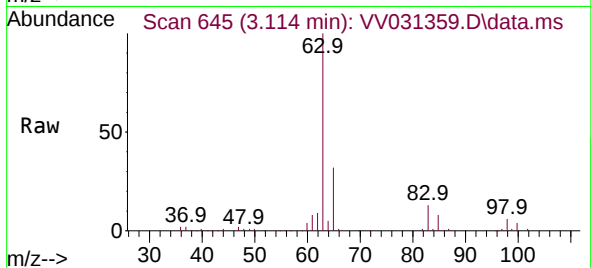
Acq: 05 Jun 2023 20:06

Instrument :

MSVOA_V

ClientSampleId :

F6C29MSD



Tgt Ion: 63 Resp: 119672

Ion Ratio Lower Upper

63 100

65 32.4 22.0 40.8

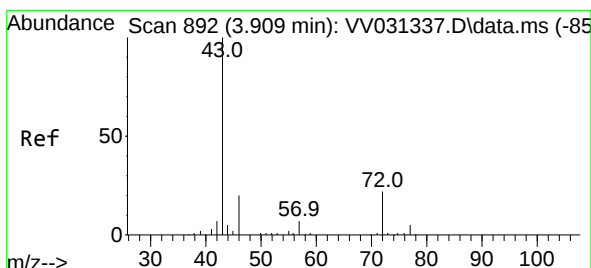
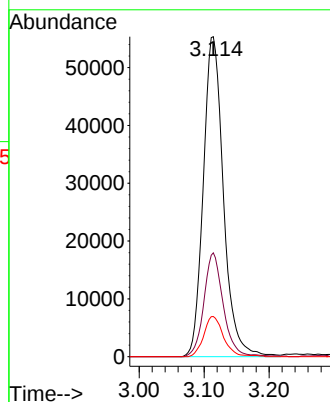
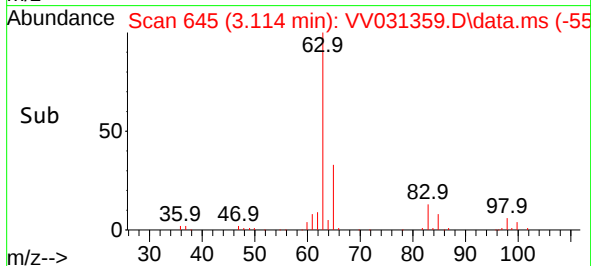
83 12.6 9.0 16.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/06/2023

Supervised By :Mahesh Dadoda 06/08/2023



#21

2-Butanone

Concen: 30.741 ug/L m

RT: 3.924 min Scan# 897

Delta R.T. 0.016 min

Lab File: VV031359.D

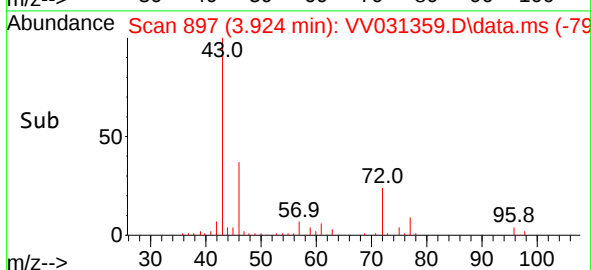
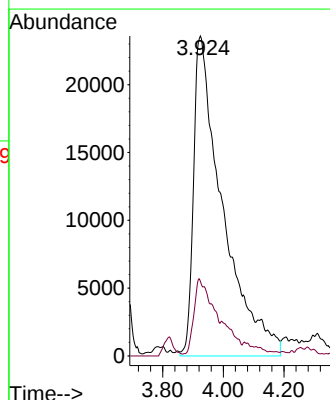
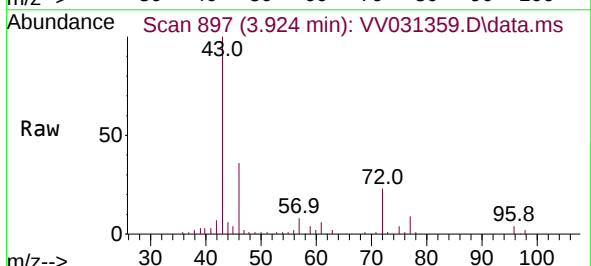
Acq: 05 Jun 2023 20:06

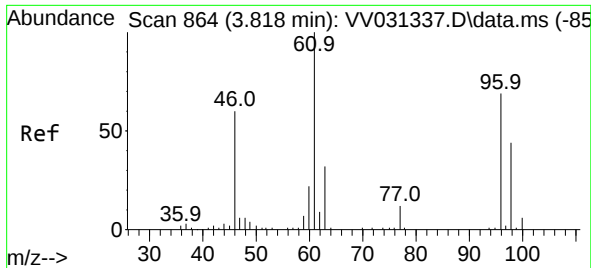
Tgt Ion: 43 Resp: 156757

Ion Ratio Lower Upper

43 100

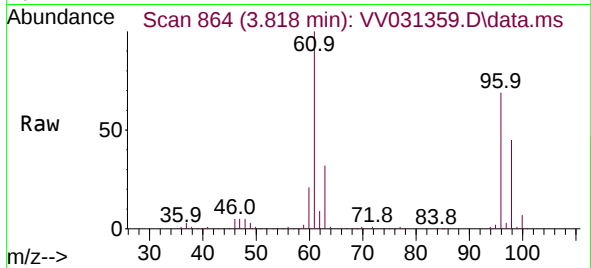
72 14.8 7.8 23.5





#22
cis-1,2-Dichloroethene
Concen: 20.955 ug/L
RT: 3.818 min Scan# 864
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

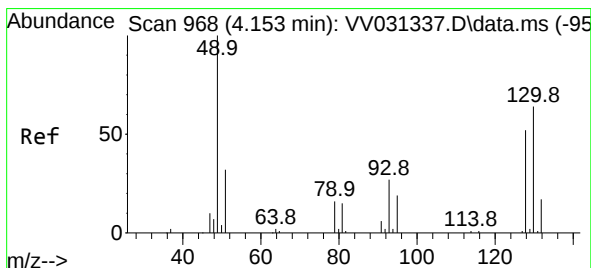
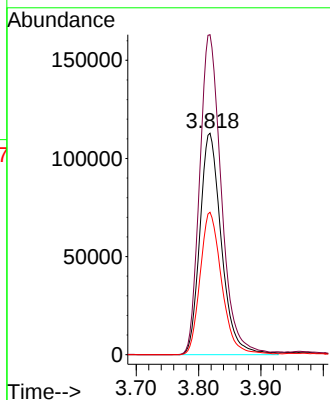
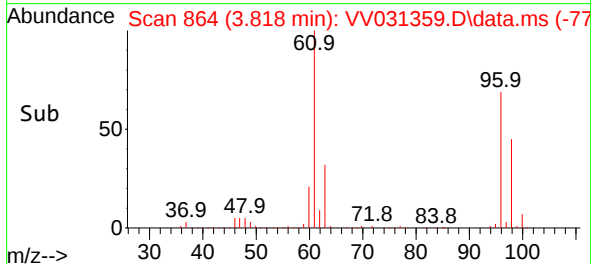
Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD



Tgt Ion: 96 Resp: 27112
Ion Ratio Lower Upper
96 100
61 144.5 100.8 187.2
98 64.3 45.1 83.9

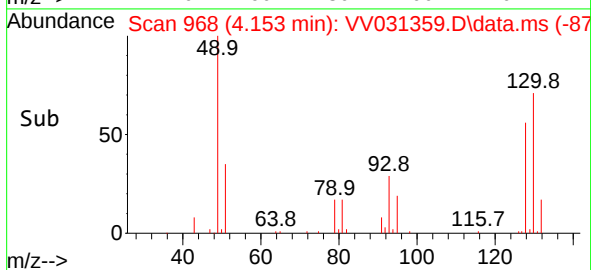
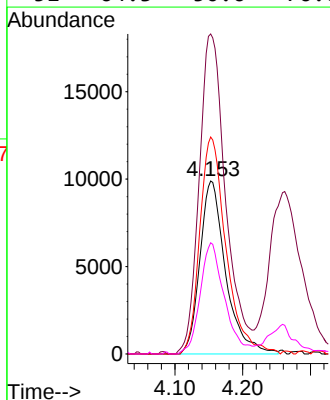
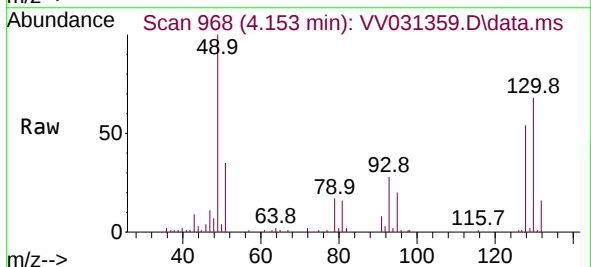
Manual Integrations
APPROVED

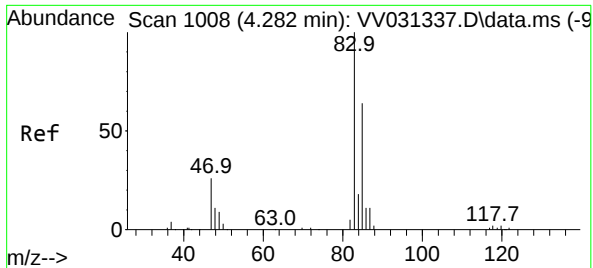
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#23
Bromochloromethane
Concen: 4.273 ug/L
RT: 4.153 min Scan# 968
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Tgt Ion:128 Resp: 26138
Ion Ratio Lower Upper
128 100
49 185.1 148.1 275.0
130 125.5 89.9 166.9
51 64.3 50.6 76.0





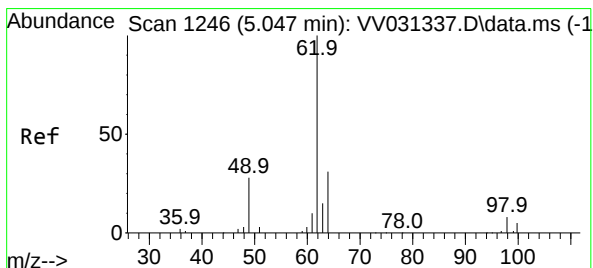
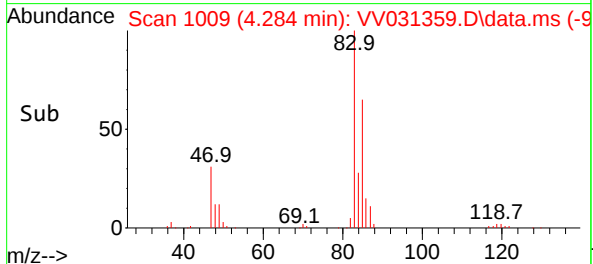
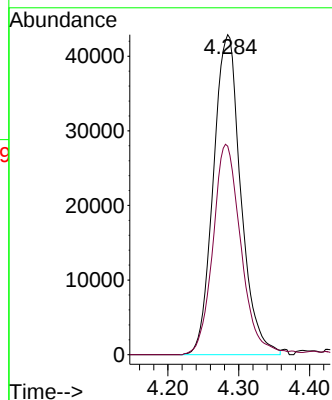
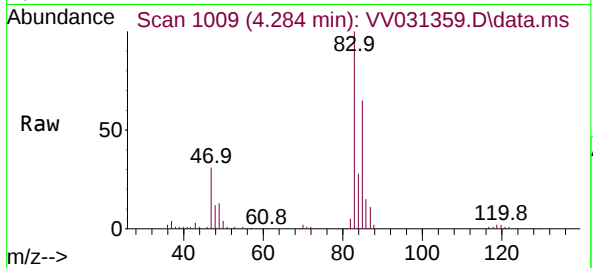
#25
Chloroform
Concen: 3.895 ug/L
RT: 4.284 min Scan# 1008
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD

Tgt Ion: 83 Resp: 11550
Ion Ratio Lower Upper
83 100
85 65.2 44.9 83.3

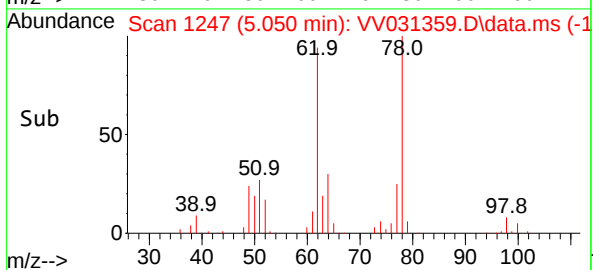
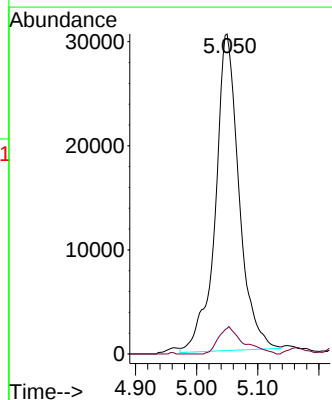
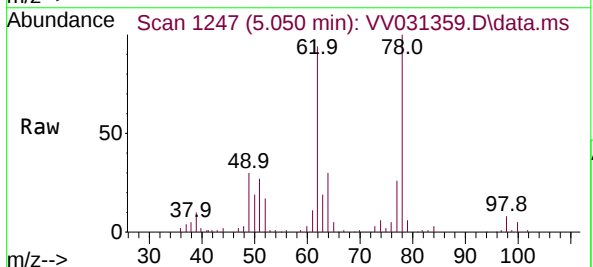
Manual Integrations
APPROVED

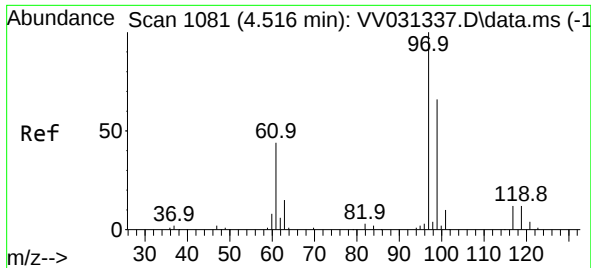
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#27
1,2-Dichloroethane
Concen: 4.747 ug/L
RT: 5.050 min Scan# 1247
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

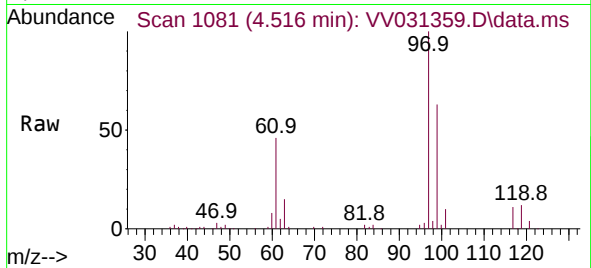
Tgt Ion: 62 Resp: 81818
Ion Ratio Lower Upper
62 100
98 8.0 7.2 10.8





#29
1,1,1-Trichloroethane
Concen: 4.656 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

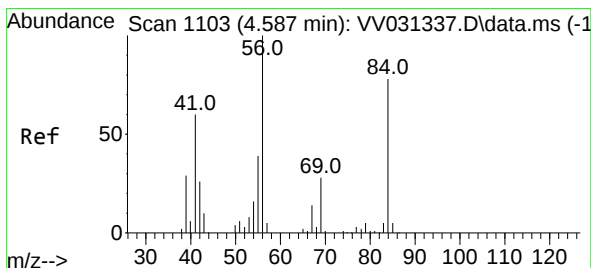
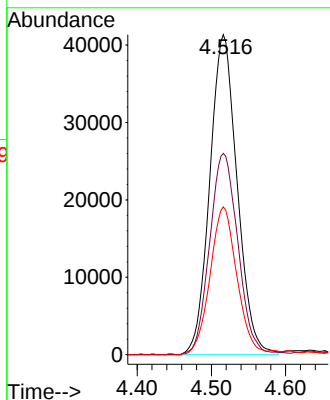
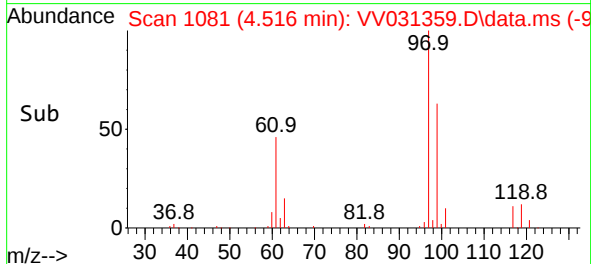
Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD



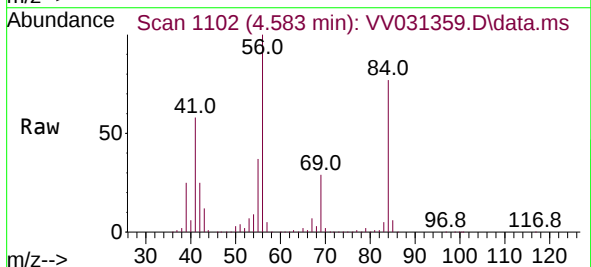
Tgt Ion: 97 Resp: 10591
Ion Ratio Lower Upper
97 100
99 65.2 52.2 78.4
61 45.2 36.4 54.6

Manual Integrations
APPROVED

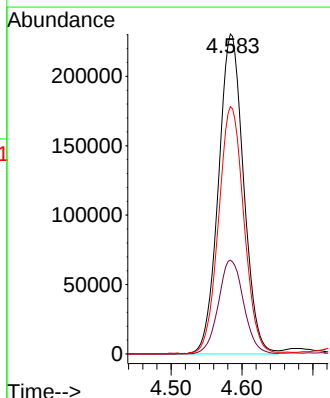
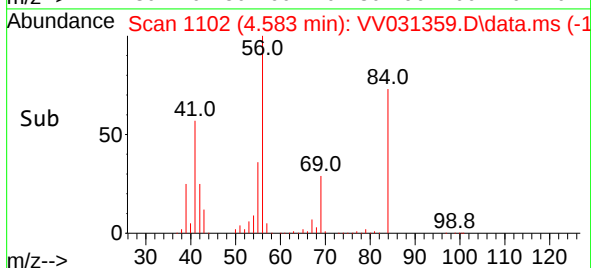
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023

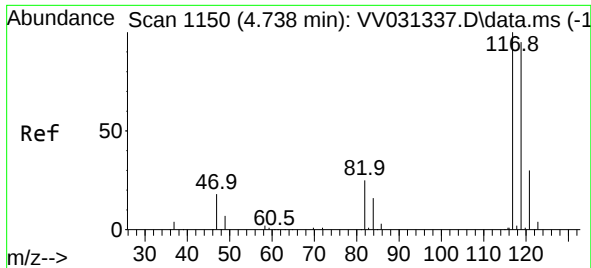


#30
Cyclohexane
Concen: 27.465 ug/L
RT: 4.583 min Scan# 1102
Delta R.T. -0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06



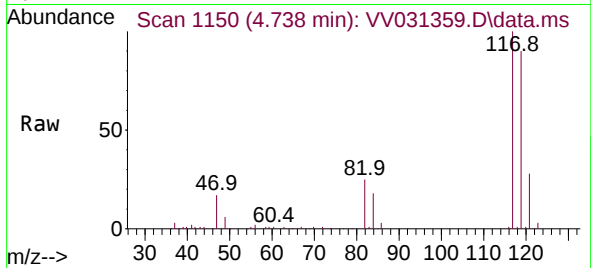
Tgt Ion: 56 Resp: 567297
Ion Ratio Lower Upper
56 100
69 29.3 23.2 34.8
84 78.1 58.5 87.7





#31
Carbon tetrachloride
Concen: 4.719 ug/L
RT: 4.738 min Scan# 1150
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

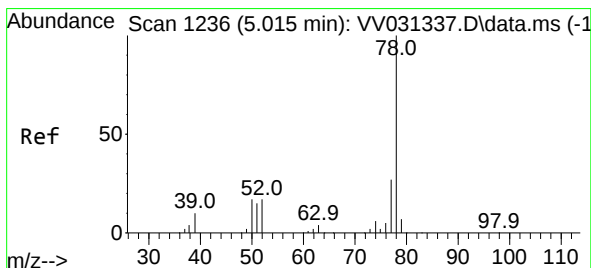
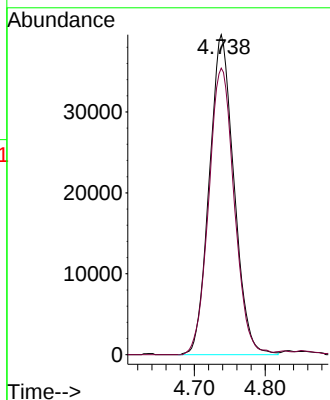
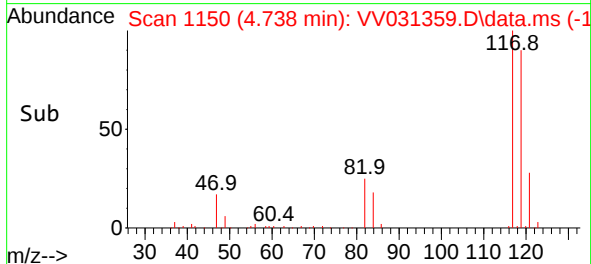
Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD



Tgt Ion:117 Resp: 9574
Ion Ratio Lower Upper
117 100
119 92.6 76.3 114.5

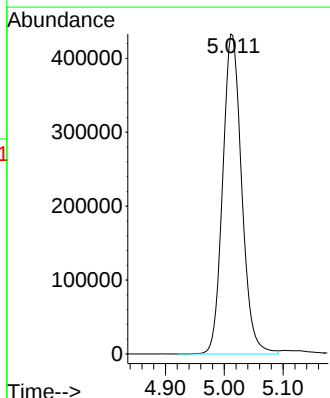
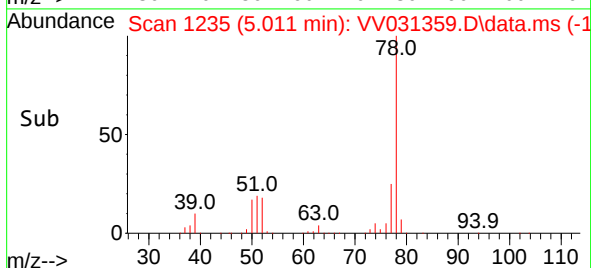
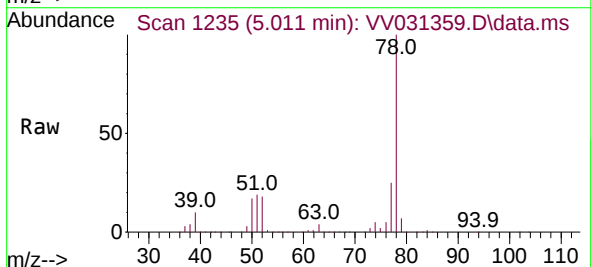
Manual Integrations
APPROVED

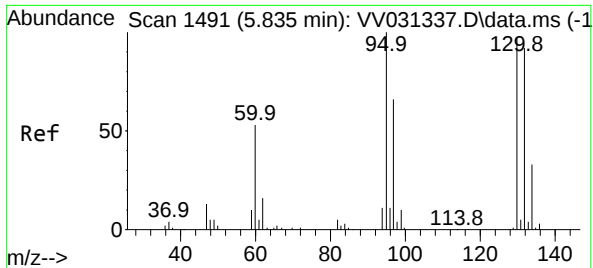
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#33
Benzene
Concen: 19.940 ug/L
RT: 5.011 min Scan# 1235
Delta R.T. -0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

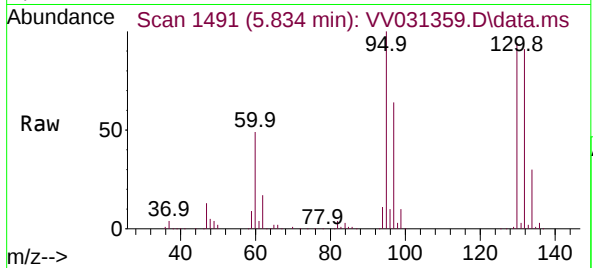
Tgt Ion: 78 Resp: 970985





#34
Trichloroethene
Concen: 30.642 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

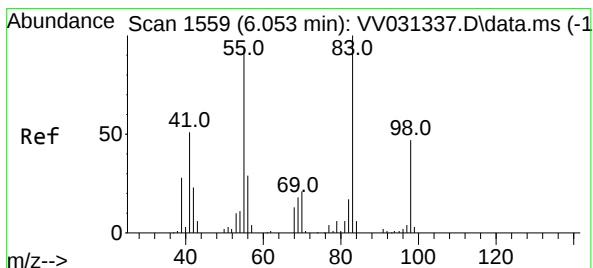
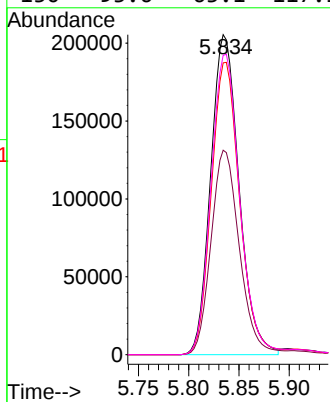
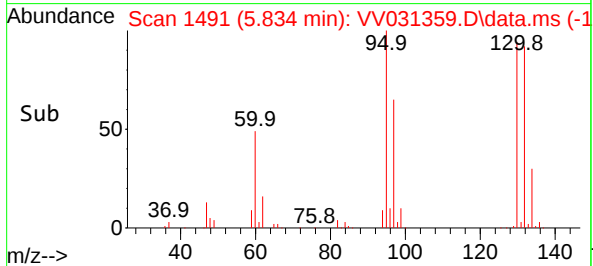
Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD



Tgt Ion: 95 Resp: 402999
Ion Ratio Lower Upper
95 100
97 63.9 46.1 85.5
132 91.2 64.5 119.9
130 93.6 63.1 117.1

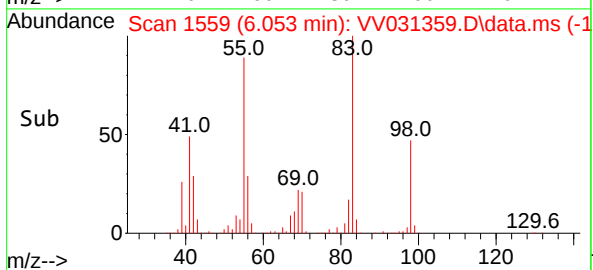
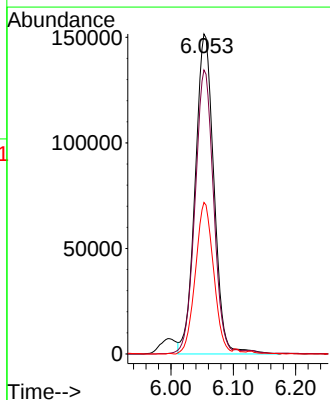
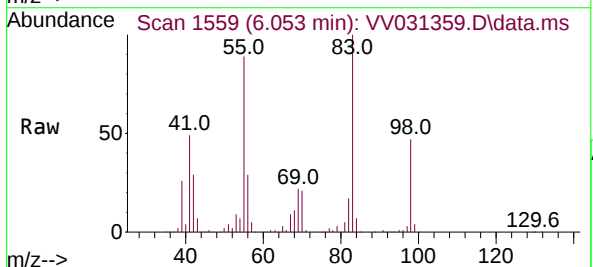
Manual Integrations
APPROVED

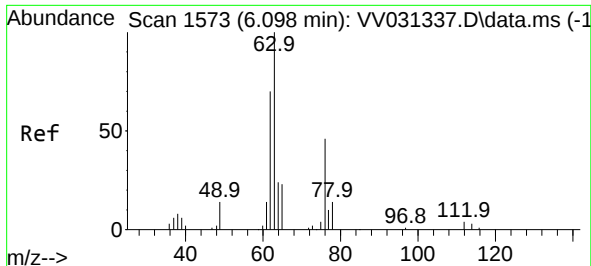
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#35
Methylcyclohexane
Concen: 16.199 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Tgt Ion: 83 Resp: 317159
Ion Ratio Lower Upper
83 100
55 88.0 74.6 112.0
98 45.8 36.5 54.7





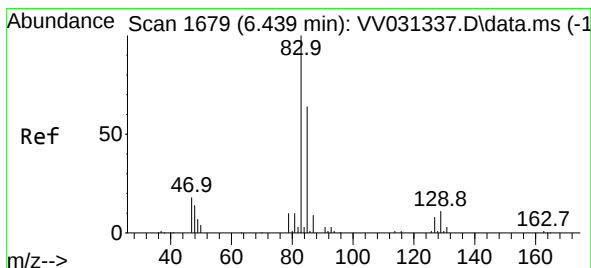
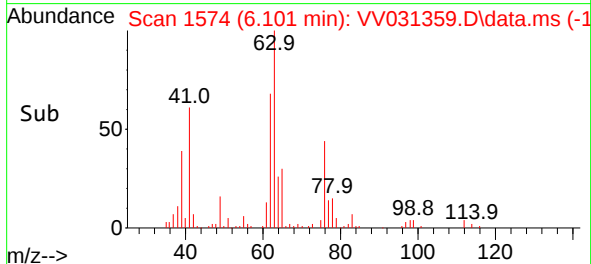
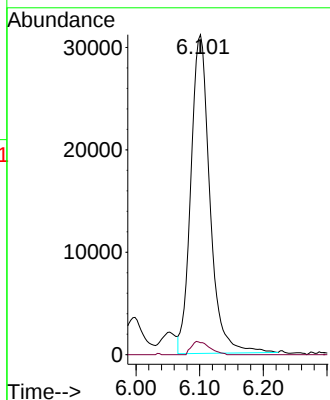
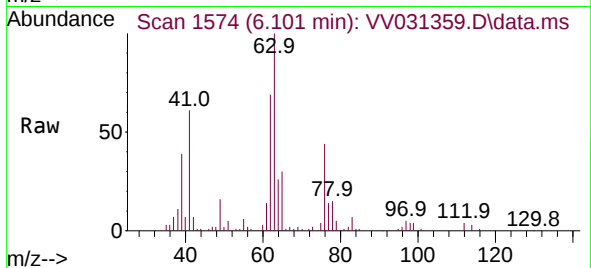
#37
1,2-Dichloropropane
Concen: 4.510 ug/L
RT: 6.101 min Scan# 1574
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD

Tgt Ion: 63 Resp: 6464
Ion Ratio Lower Upper
63 100
112 4.0 3.8 5.6

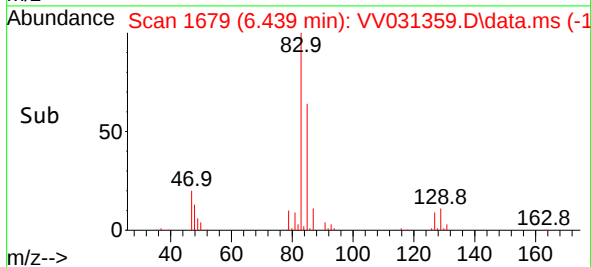
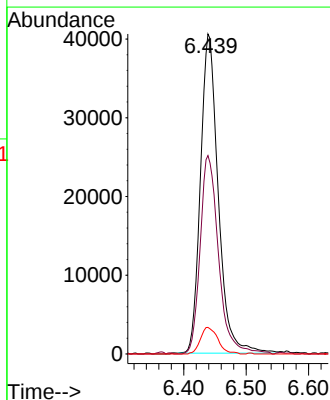
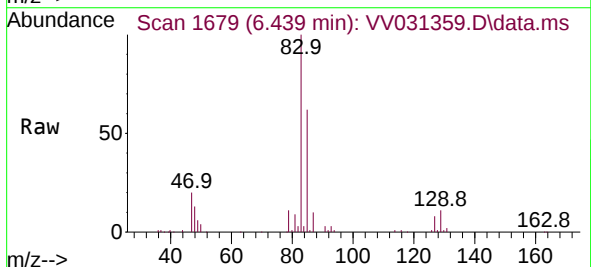
Manual Integrations
APPROVED

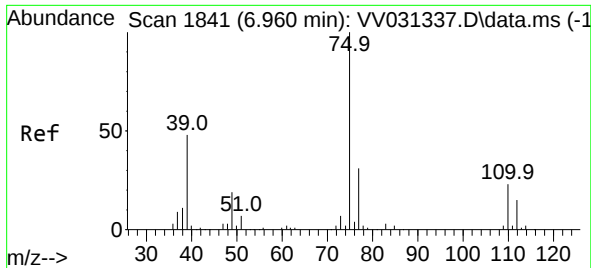
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#38
Bromodichloromethane
Concen: 4.388 ug/L
RT: 6.439 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Tgt Ion: 83 Resp: 80409
Ion Ratio Lower Upper
83 100
85 62.0 44.3 82.3
127 8.3 6.5 9.7





#39

cis-1,3-Dichloropropene

Concen: 4.516 ug/L

RT: 6.960 min Scan# 1841

Delta R.T. -0.000 min

Lab File: VV031359.D

Acq: 05 Jun 2023 20:06

Instrument :

MSVOA_V

ClientSampleId :

F6C29MSD

Tgt Ion: 75 Resp: 8495

Ion Ratio Lower Upper

75 100

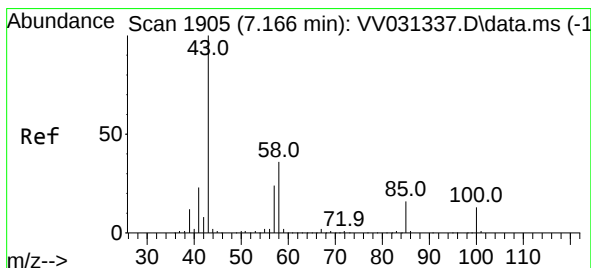
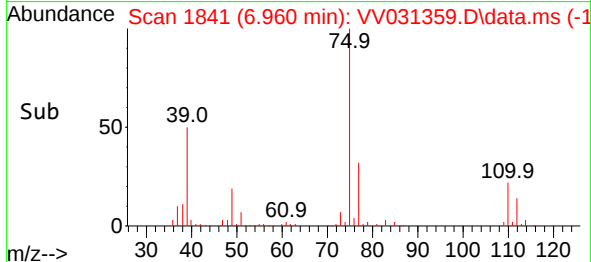
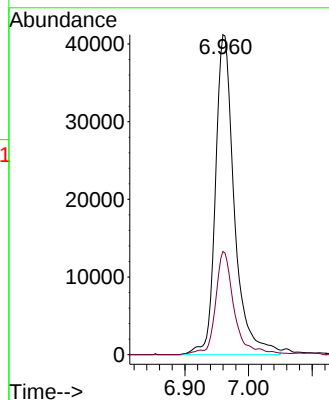
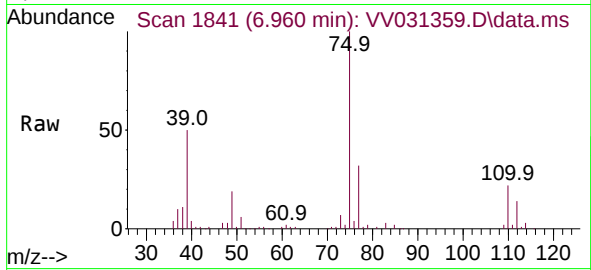
77 32.2 21.3 39.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/06/2023

Supervised By :Mahesh Dadoda 06/08/2023



#40

4-Methyl-2-pentanone

Concen: 45.537 ug/L

RT: 7.172 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VV031359.D

Acq: 05 Jun 2023 20:06

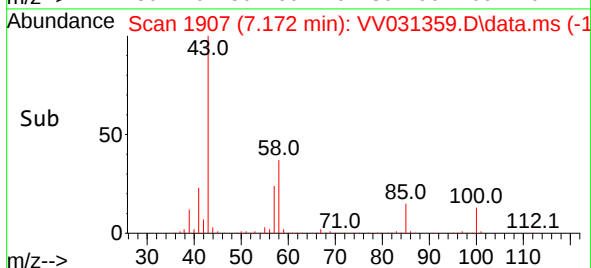
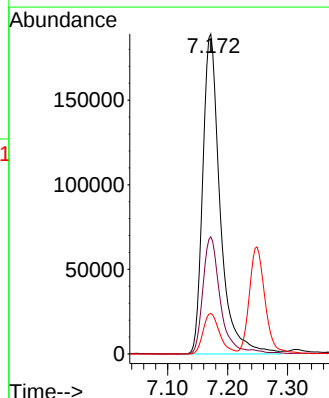
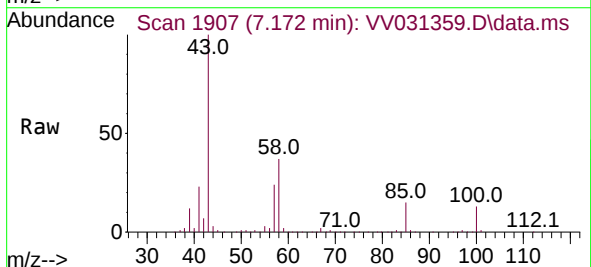
Tgt Ion: 43 Resp: 382915

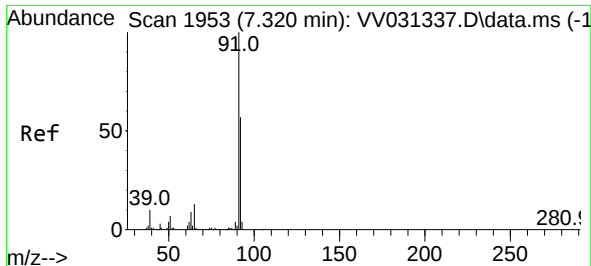
Ion Ratio Lower Upper

43 100

58 36.0 30.2 45.4

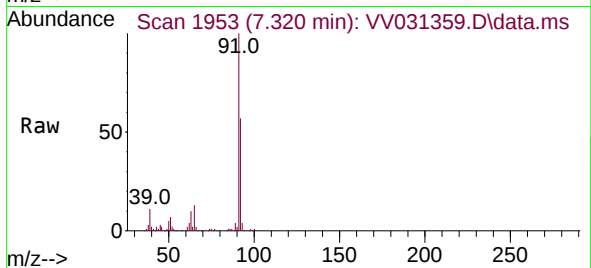
100 12.2 9.0 13.6





#42
Toluene
Concen: 4.953 ug/L
RT: 7.320 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

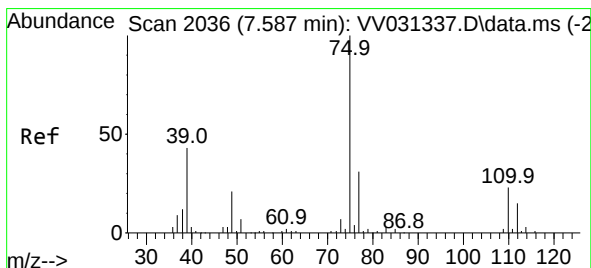
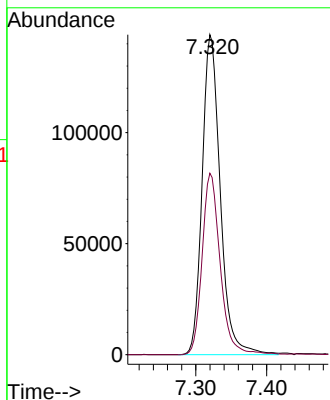
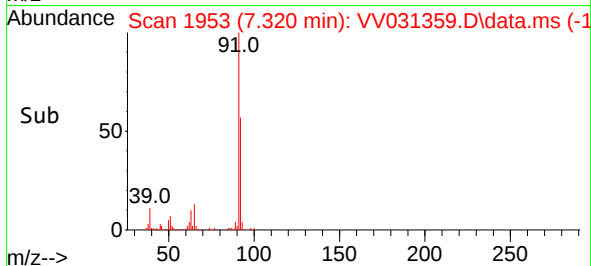
Instrument : MSVOA_V
ClientSampleId : F6C29MSD



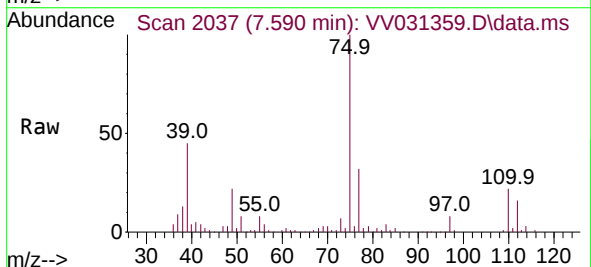
Tgt Ion: 91 Resp: 255890
Ion Ratio Lower Upper
91 100
92 56.7 39.2 72.8

Manual Integrations
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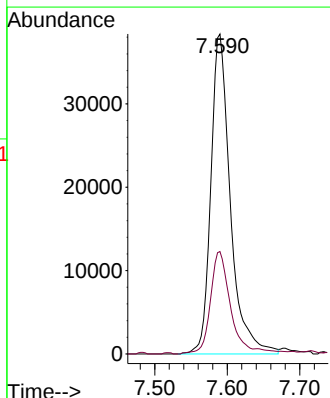
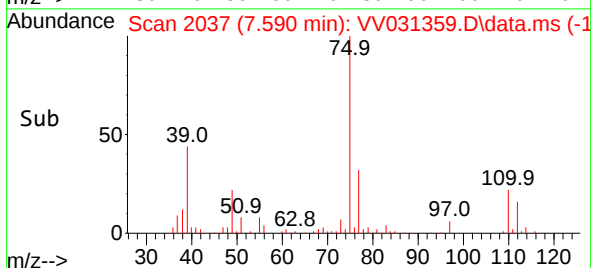
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023

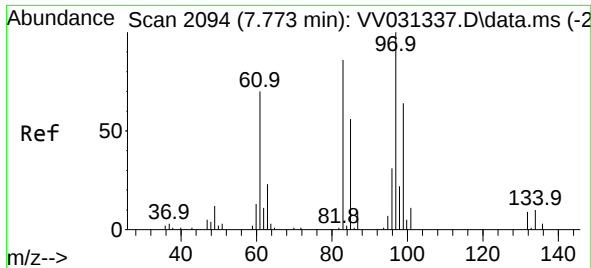


#44
trans-1,3-Dichloropropene
Concen: 4.437 ug/L
RT: 7.590 min Scan# 2037
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06



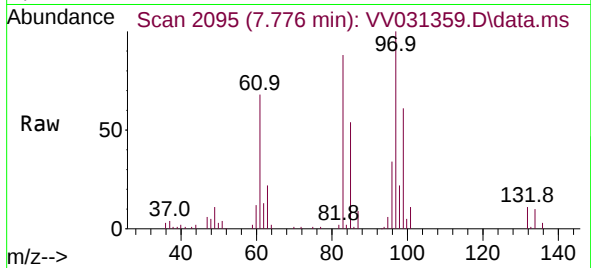
Tgt Ion: 75 Resp: 71798
Ion Ratio Lower Upper
75 100
77 32.0 22.8 42.4





#45
1,1,2-Trichloroethane
Concen: 4.273 ug/L
RT: 7.776 min Scan# 2095
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

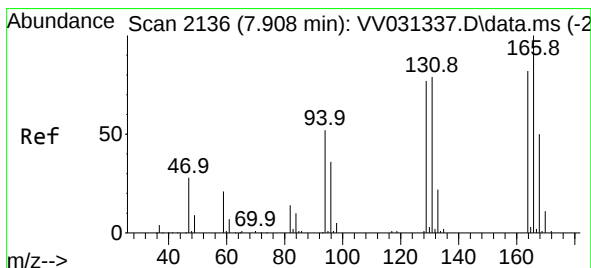
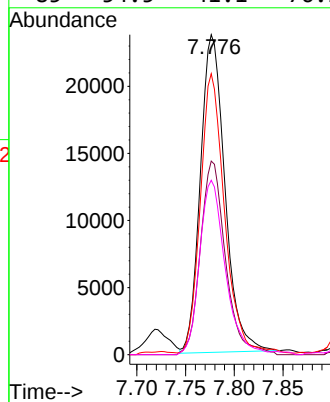
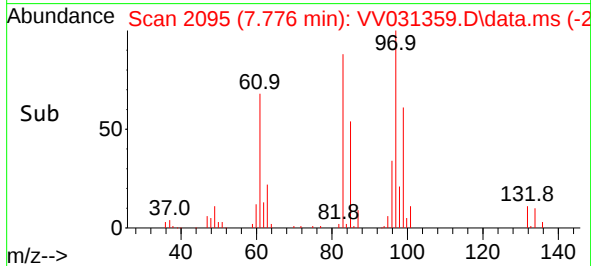
Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD



Tgt Ion: 97 Resp: 41568
Ion Ratio Lower Upper
97 100
99 60.5 43.1 80.1
83 87.8 63.1 117.1
85 54.5 41.1 76.3

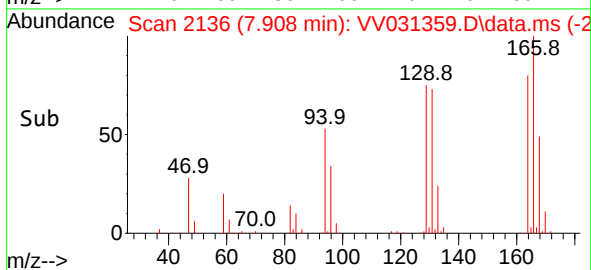
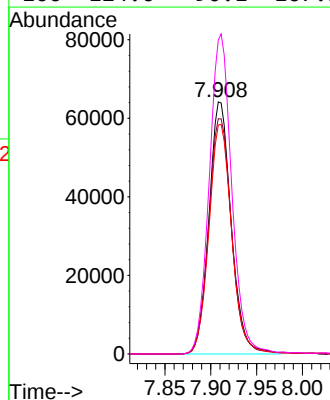
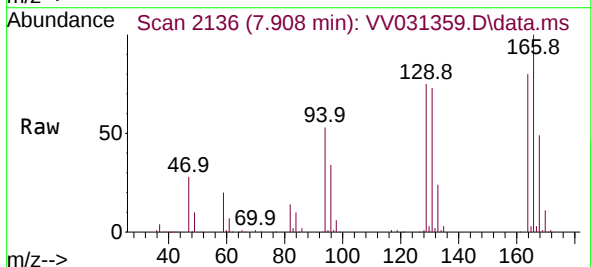
Manual Integrations
APPROVED

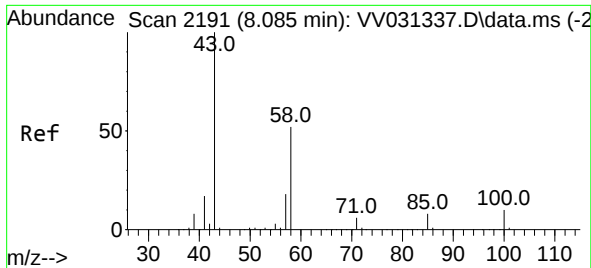
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#47
Tetrachloroethene
Concen: 10.621 ug/L
RT: 7.908 min Scan# 2136
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

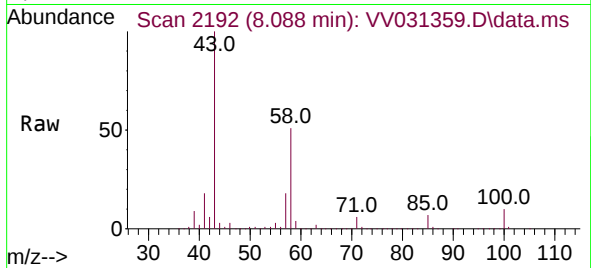
Tgt Ion:164 Resp: 108848
Ion Ratio Lower Upper
164 100
129 93.3 66.0 122.6
131 90.9 65.3 121.3
166 124.6 90.1 167.3





#48
2-Hexanone
Concen: 39.794 ug/L
RT: 8.088 min Scan# 2191
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

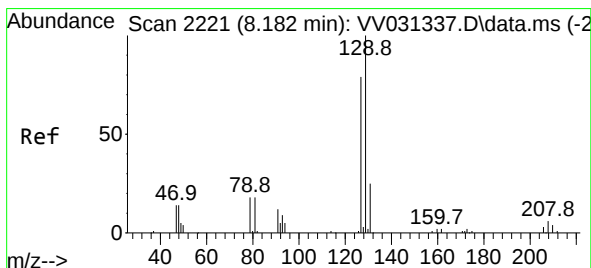
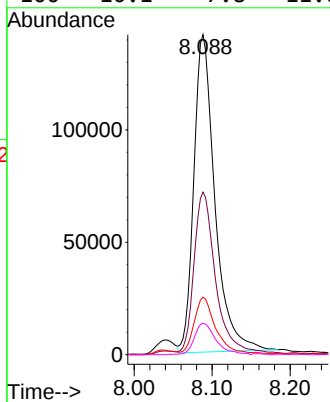
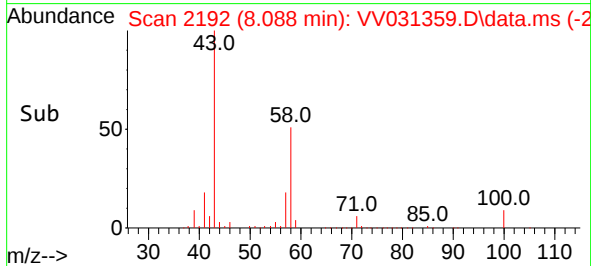
Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD



Tgt Ion: 43 Resp: 265749
Ion Ratio Lower Upper
43 100
58 52.3 41.1 61.7
57 17.3 14.4 21.6
100 10.1 7.8 11.6

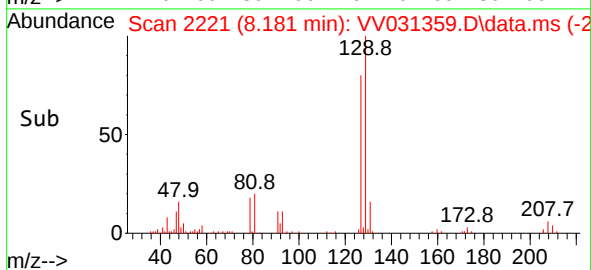
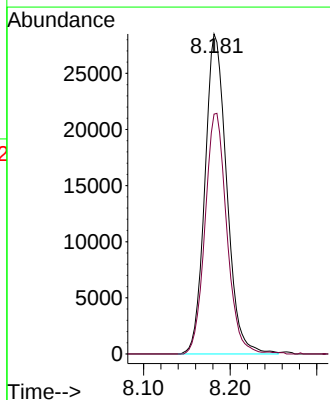
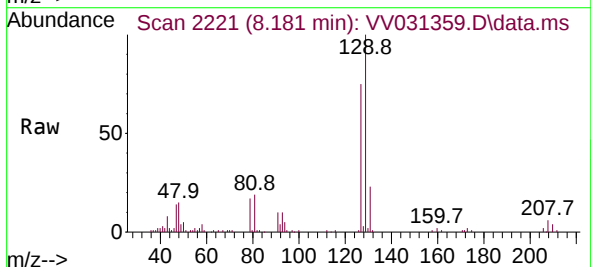
Manual Integrations
APPROVED

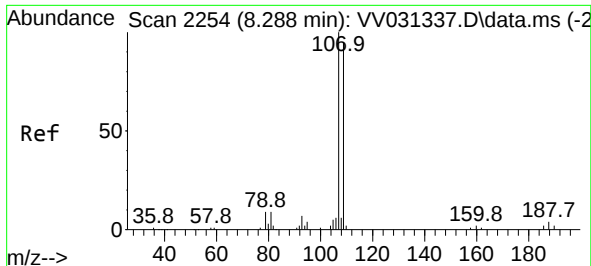
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#49
Dibromochloromethane
Concen: 4.590 ug/L
RT: 8.181 min Scan# 2221
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Tgt Ion:129 Resp: 49861
Ion Ratio Lower Upper
129 100
127 74.9 55.0 102.2





#50

1,2-Dibromoethane

Concen: 4.360 ug/L

RT: 8.291 min Scan# 2420

Delta R.T. 0.003 min

Lab File: VV031359.D

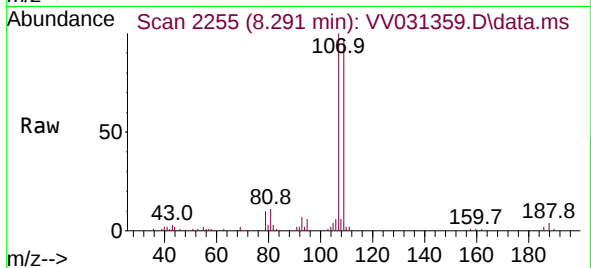
Acq: 05 Jun 2023 20:06

Instrument :

MSVOA_V

ClientSampleId :

F6C29MSD



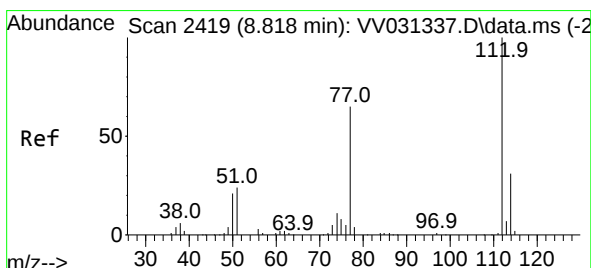
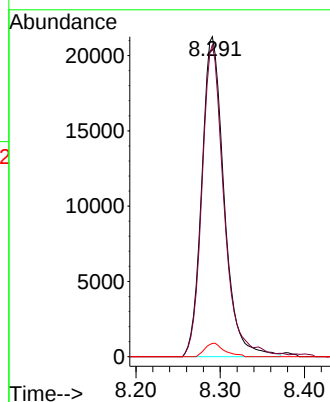
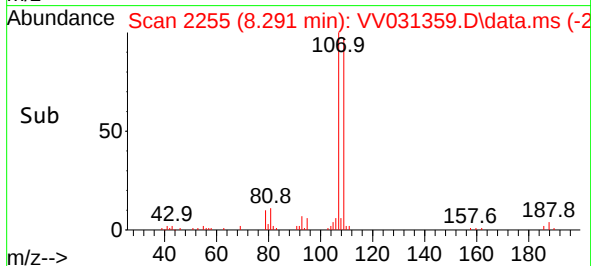
Tgt Ion:	107	Resp:	39230
Ion	Ratio	Lower	Upper
107	100		
109	97.4	62.2	115.4
188	4.2	3.0	4.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/06/2023

Supervised By :Mahesh Dadoda 06/08/2023



#51

Chlorobenzene

Concen: 4.570 ug/L

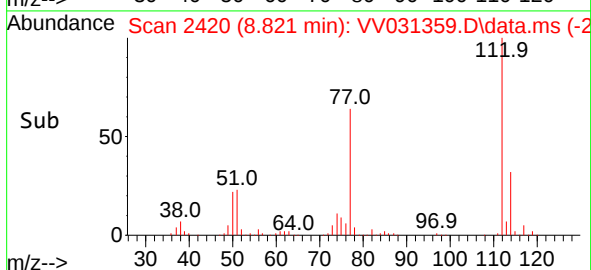
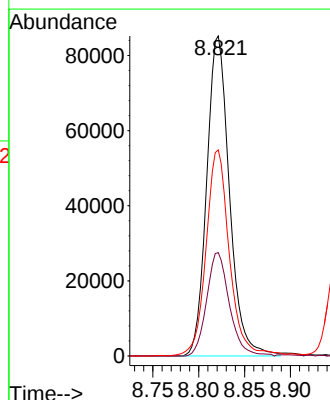
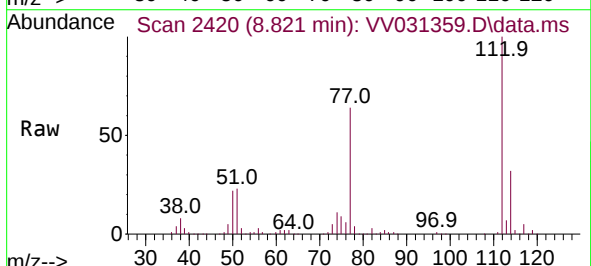
RT: 8.821 min Scan# 2420

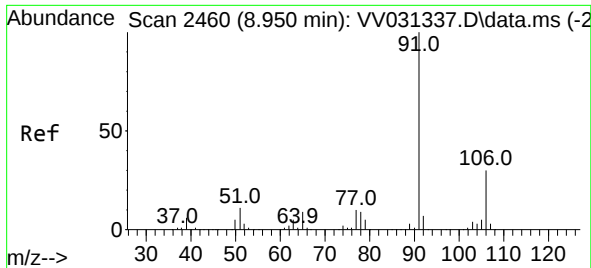
Delta R.T. 0.003 min

Lab File: VV031359.D

Acq: 05 Jun 2023 20:06

Tgt Ion:	112	Resp:	147100
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.1
77	64.4	52.2	78.2





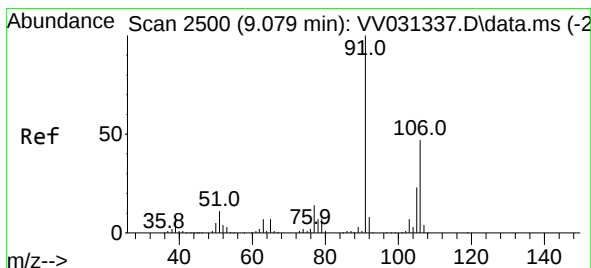
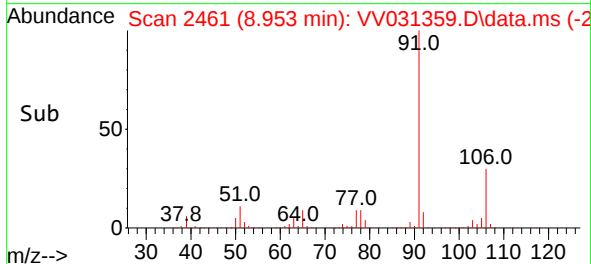
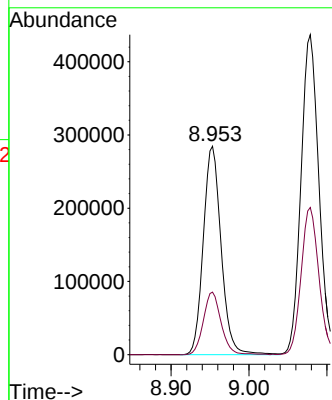
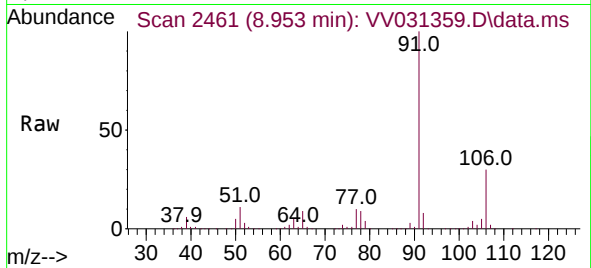
#52
Ethylbenzene
Concen: 8.389 ug/L
RT: 8.953 min Scan# 2460
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD

Tgt Ion: 91 Resp: 45344
Ion Ratio Lower Upper
91 100
106 30.0 20.0 37.2

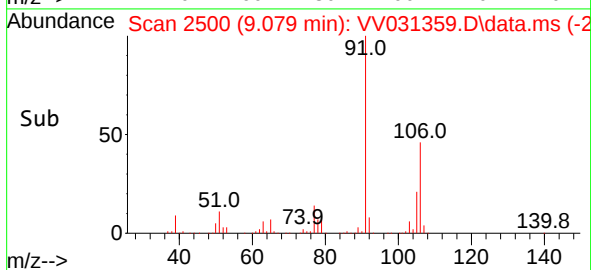
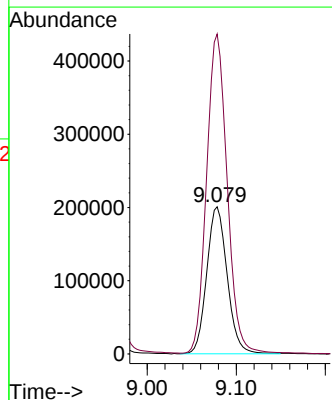
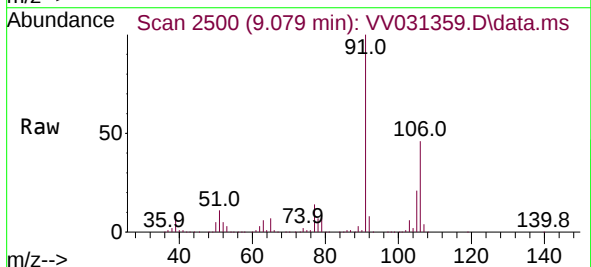
Manual Integrations
APPROVED

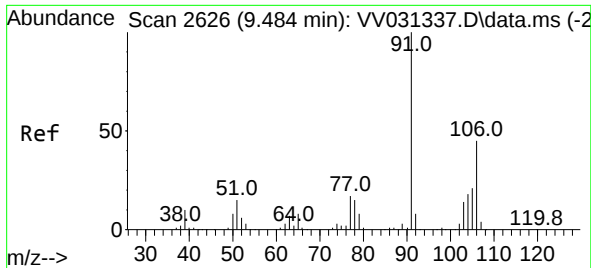
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#53
m,p-Xylene
Concen: 16.431 ug/L
RT: 9.079 min Scan# 2500
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Tgt Ion:106 Resp: 319495
Ion Ratio Lower Upper
106 100
91 217.5 154.3 286.5





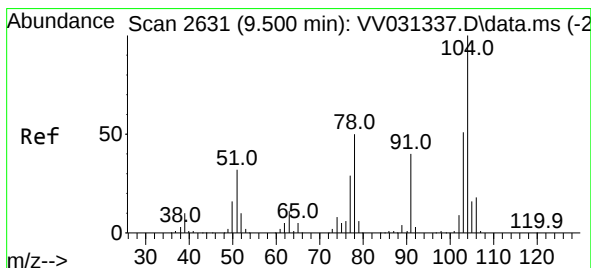
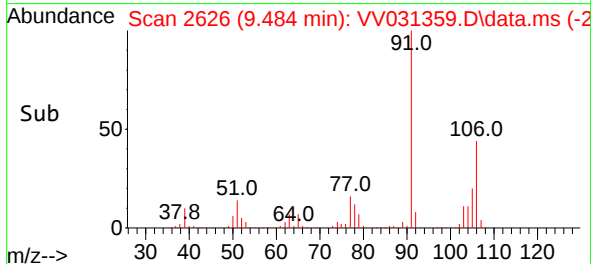
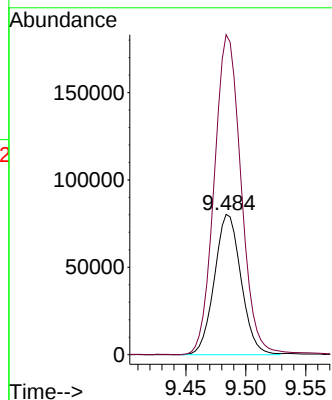
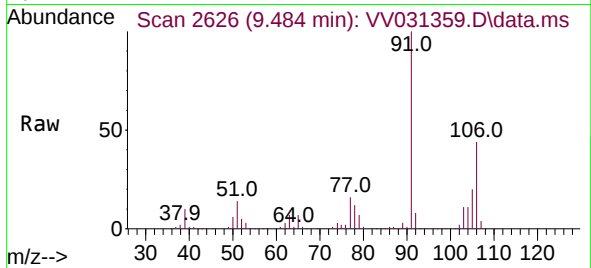
#54
o-Xylene
Concen: 6.802 ug/L
RT: 9.484 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD

Tgt Ion:106 Resp: 123964
Ion Ratio Lower Upper
106 100
91 228.1 159.0 295.4

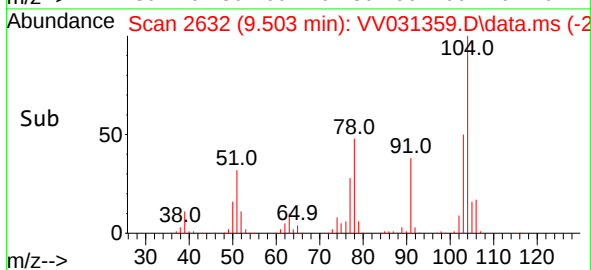
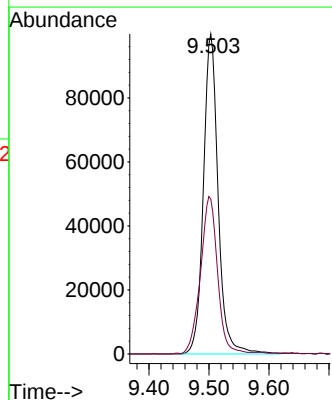
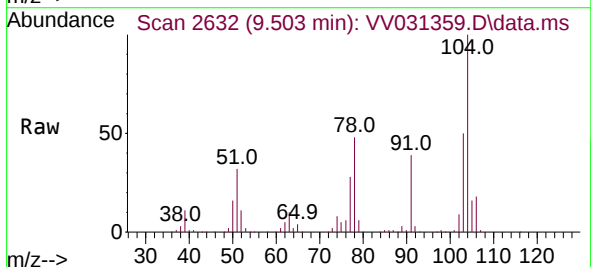
Manual Integrations
APPROVED

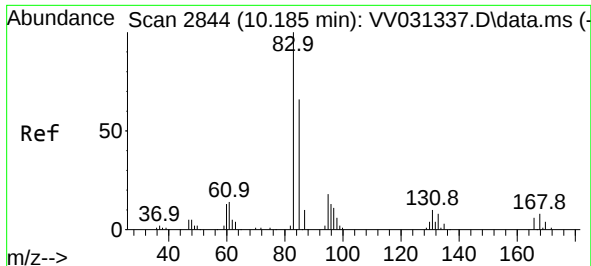
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#55
Styrene
Concen: 5.279 ug/L
RT: 9.503 min Scan# 2632
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

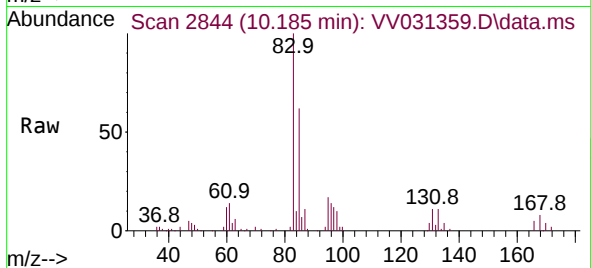
Tgt Ion:104 Resp: 171121
Ion Ratio Lower Upper
104 100
78 48.5 35.9 66.7





#57
1,1,2,2-Tetrachloroethane
Concen: 4.250 ug/L
RT: 10.185 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

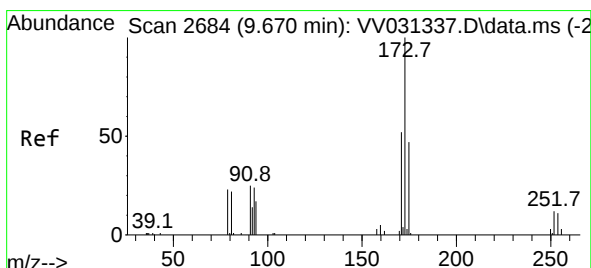
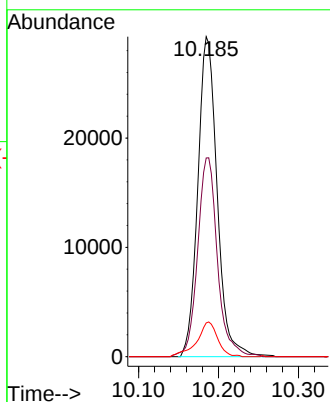
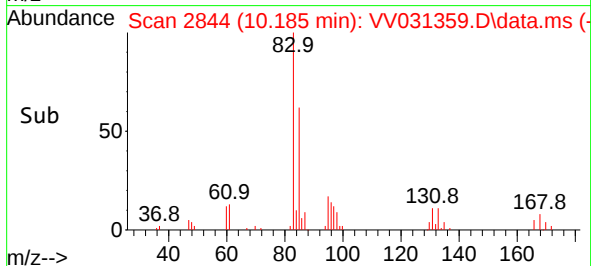
Instrument : MSVOA_V
ClientSampleId : F6C29MSD



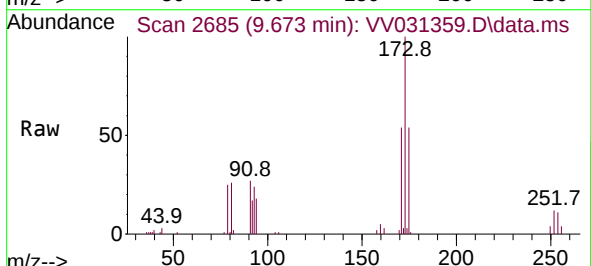
Tgt Ion: 83 Resp: 49270
Ion Ratio Lower Upper
83 100
85 62.1 45.0 83.6
131 10.6 7.3 10.9

Manual Integrations
APPROVED

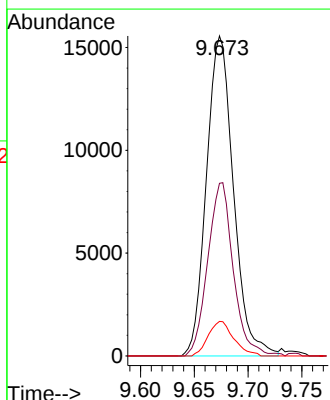
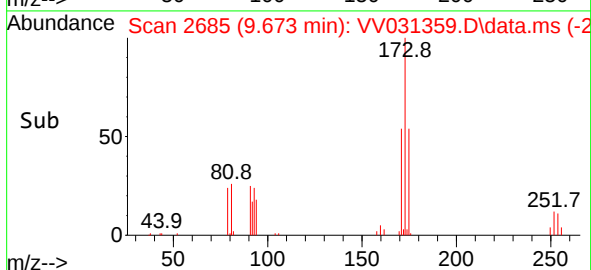
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023

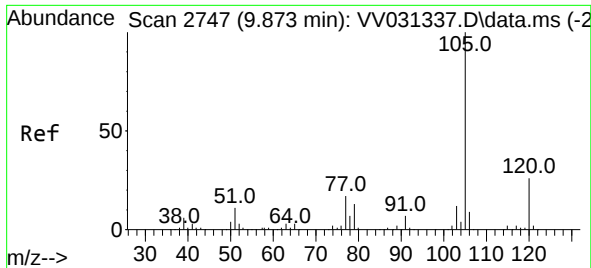


#59
Bromoform
Concen: 4.392 ug/L
RT: 9.673 min Scan# 2685
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06



Tgt Ion:173 Resp: 27218
Ion Ratio Lower Upper
173 100
175 51.2 38.9 58.3
254 10.2 7.8 11.8





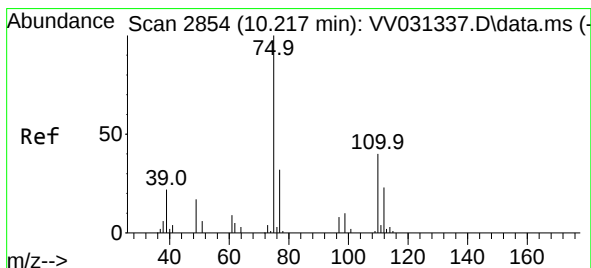
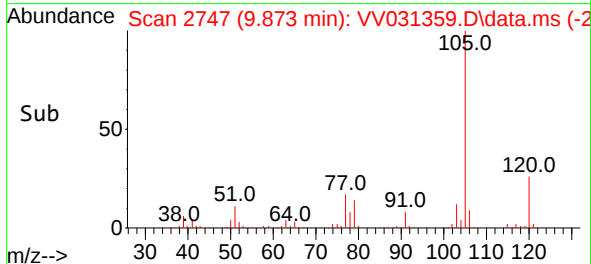
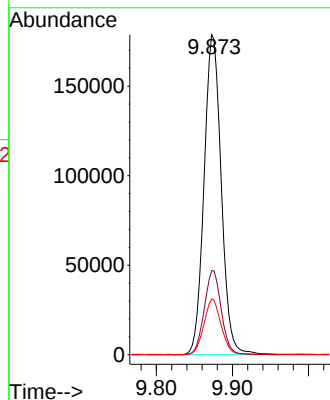
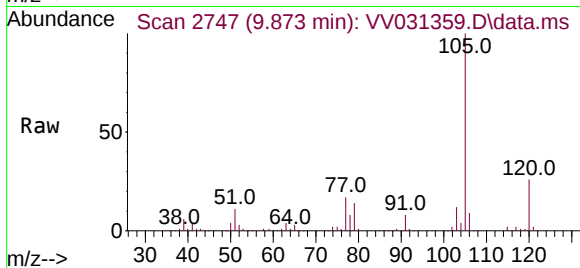
#60
Isopropylbenzene
Concen: 5.083 ug/L
RT: 9.873 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD

Tgt Ion:105 Resp: 280828
Ion Ratio Lower Upper
105 100
120 26.0 19.9 29.9
77 17.5 14.2 21.2

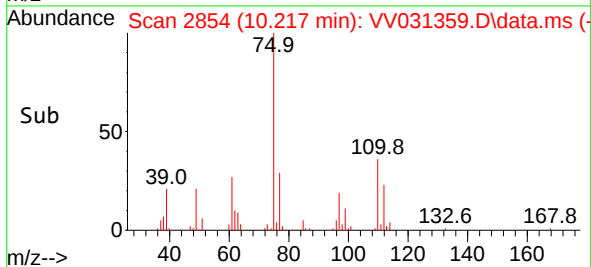
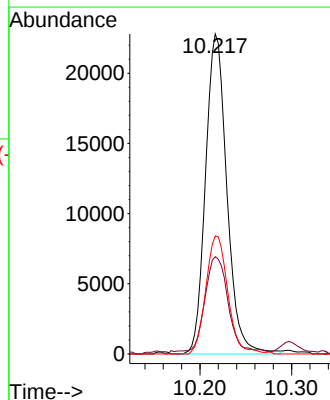
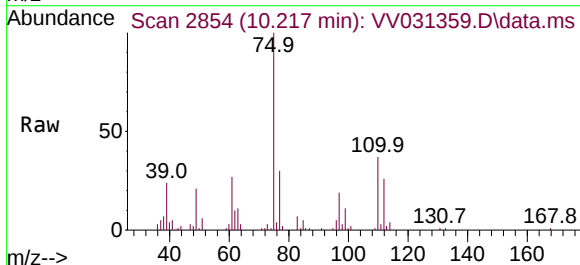
Manual Integrations
APPROVED

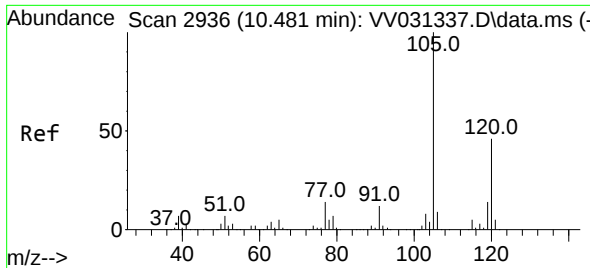
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#61
1,2,3-Trichloropropane
Concen: 3.935 ug/L
RT: 10.217 min Scan# 2854
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Tgt Ion: 75 Resp: 36974
Ion Ratio Lower Upper
75 100
77 34.6 27.3 40.9
110 38.0 29.4 44.0





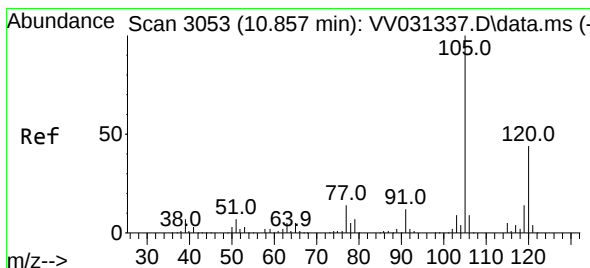
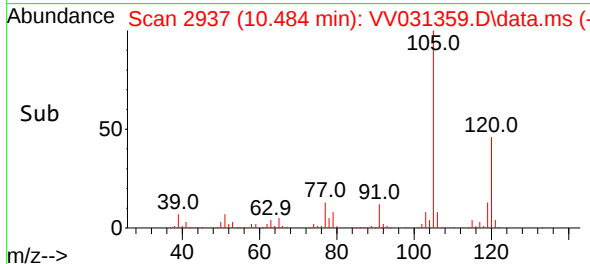
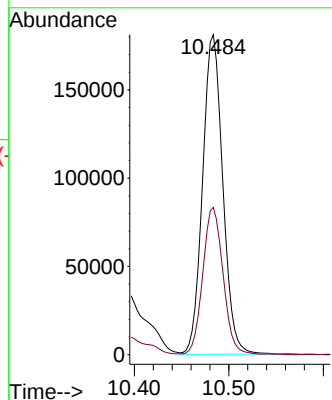
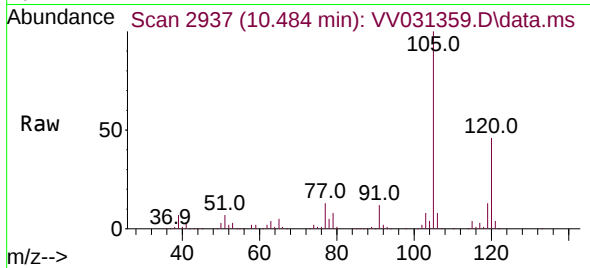
#62
1,3,5-Trimethylbenzene
Concen: 5.995 ug/L
RT: 10.484 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD

Tgt Ion:105 Resp: 268394
Ion Ratio Lower Upper
105 100
120 46.6 35.9 53.9

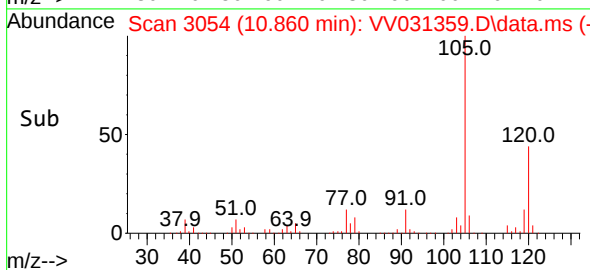
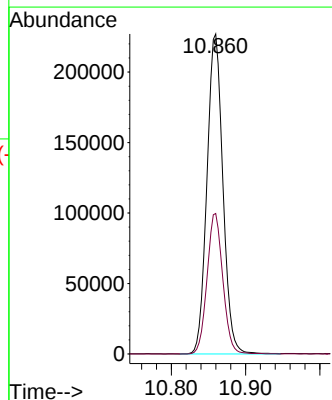
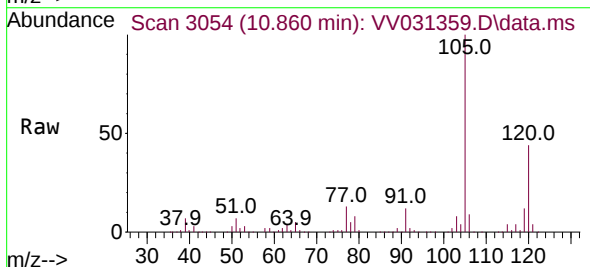
Manual Integrations
APPROVED

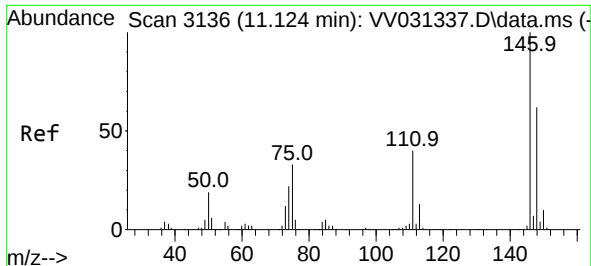
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#63
1,2,4-Trimethylbenzene
Concen: 7.310 ug/L
RT: 10.860 min Scan# 3054
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

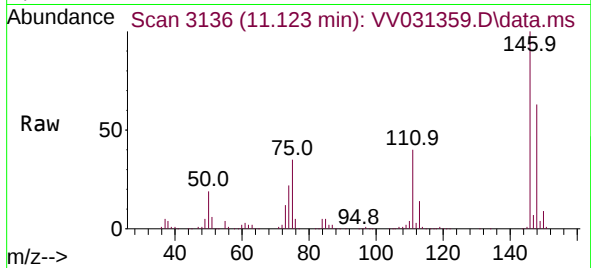
Tgt Ion:105 Resp: 337800
Ion Ratio Lower Upper
105 100
120 43.4 33.2 49.8





#64
1,3-Dichlorobenzene
Concen: 4.682 ug/L
RT: 11.123 min Scan# 3136
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

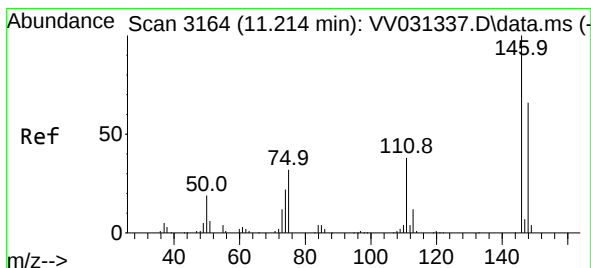
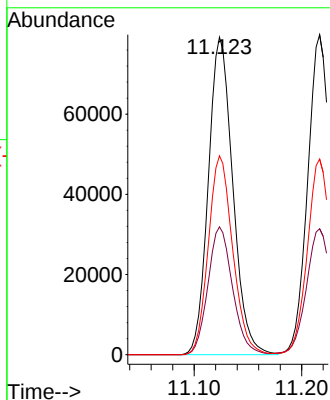
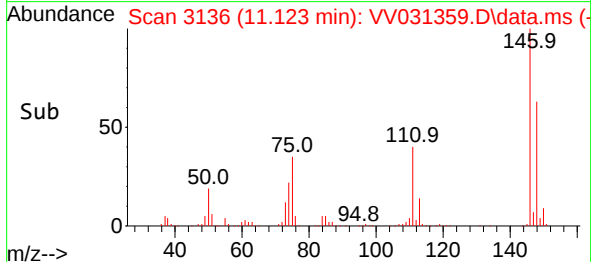
Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD



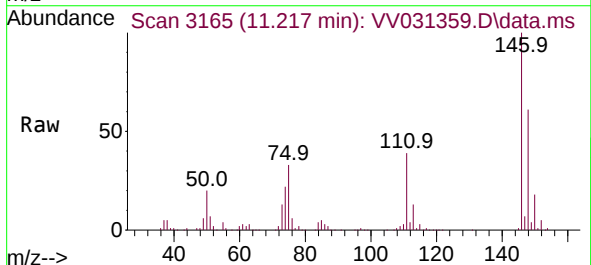
Tgt Ion:146 Resp: 125279
Ion Ratio Lower Upper
146 100
111 40.3 31.1 57.9
148 62.6 43.6 81.0

Manual Integrations
APPROVED

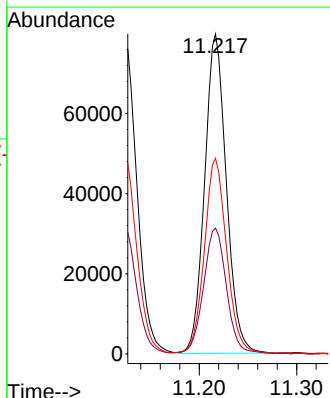
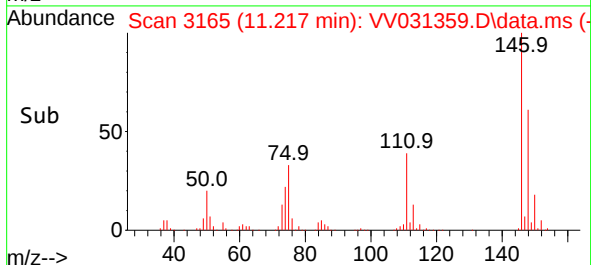
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023

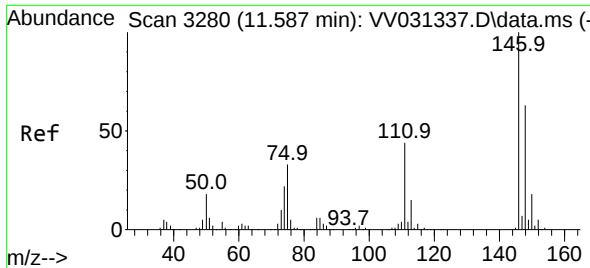


#65
1,4-Dichlorobenzene
Concen: 4.405 ug/L
RT: 11.217 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06



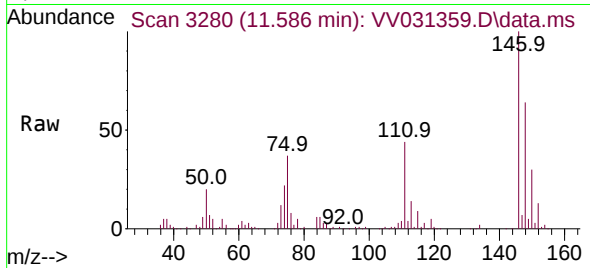
Tgt Ion:146 Resp: 123438
Ion Ratio Lower Upper
146 100
111 39.4 28.4 52.8
148 61.2 44.2 82.0





#67
1,2-Dichlorobenzene
Concen: 4.410 ug/L
RT: 11.586 min Scan# 31
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

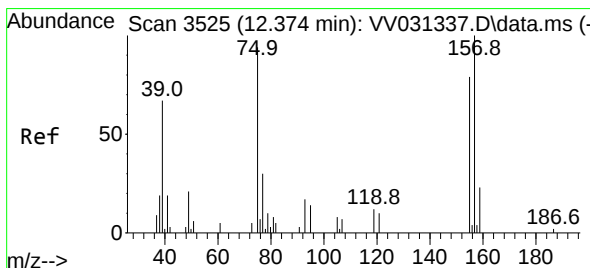
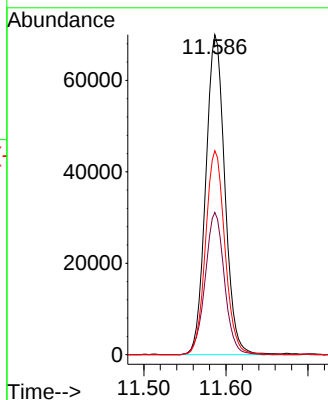
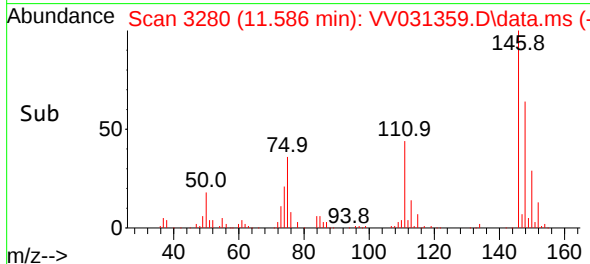
Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD



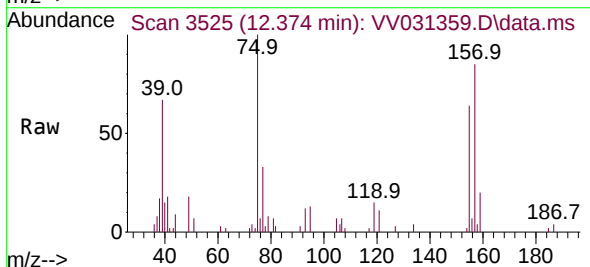
Tgt Ion:146 Resp: 11317
Ion Ratio Lower Upper
146 100
111 44.4 36.6 54.8
148 63.7 51.1 76.7

Manual Integrations
APPROVED

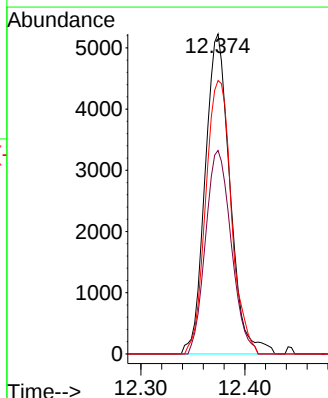
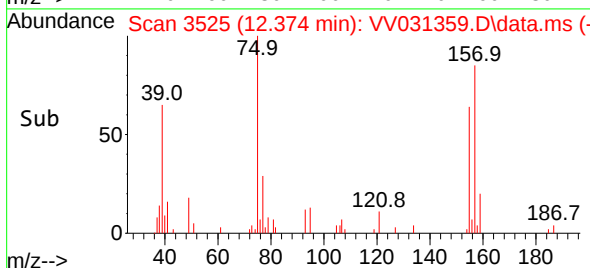
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023

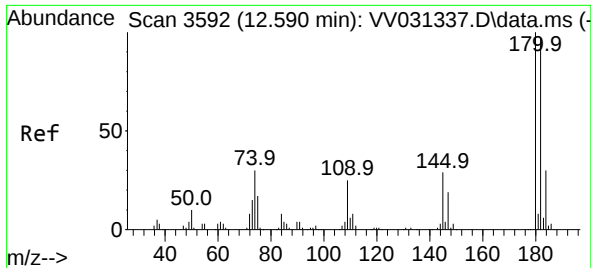


#68
1,2-Dibromo-3-chloropropane
Concen: 4.030 ug/L
RT: 12.374 min Scan# 3525
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06



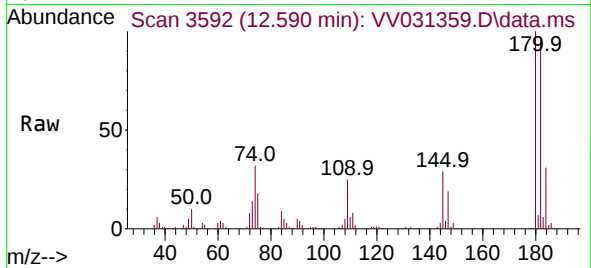
Tgt Ion: 75 Resp: 8686
Ion Ratio Lower Upper
75 100
155 63.6 54.6 82.0
157 85.4 72.7 109.1





#69
1,3,5-Trichlorobenzene
Concen: 4.708 ug/L
RT: 12.590 min Scan# 3592
Delta R.T. -0.000 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

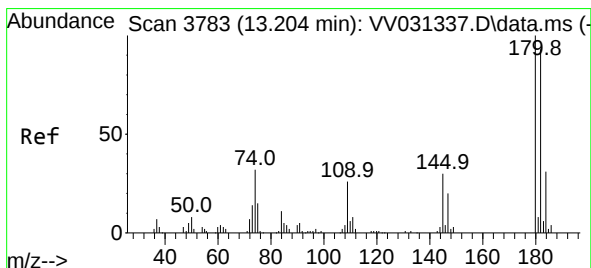
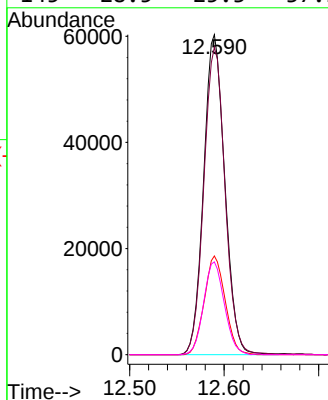
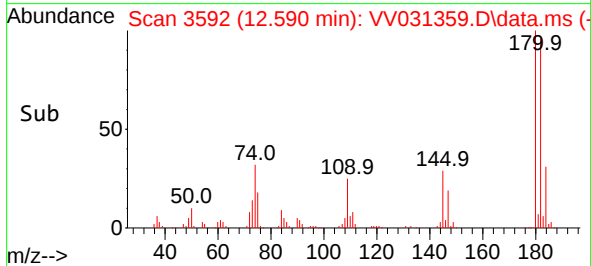
Instrument :
MSVOA_V
ClientSampleId :
F6C29MSD



Tgt Ion:180 Resp: 93610
Ion Ratio Lower Upper
180 100
182 96.6 76.1 114.1
184 30.5 23.8 35.6
145 28.5 25.3 37.9

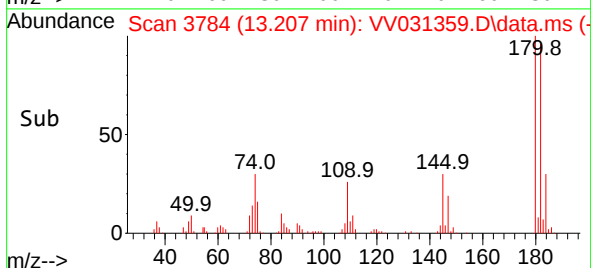
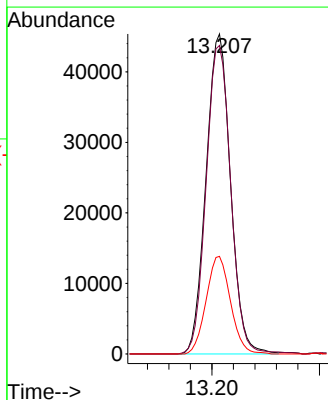
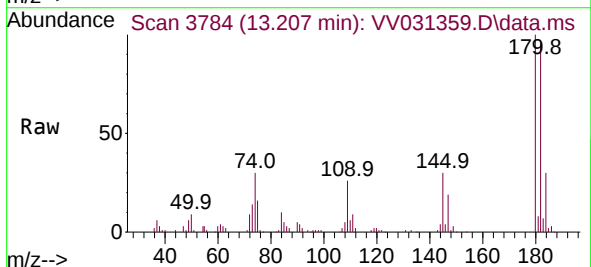
Manual Integrations
APPROVED

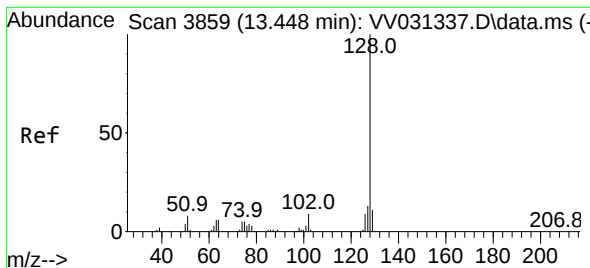
Reviewed By :Krupa Patel 06/06/2023
Supervised By :Mahesh Dadoda 06/08/2023



#70
1,2,4-trichlorobenzene
Concen: 4.490 ug/L
RT: 13.207 min Scan# 3784
Delta R.T. 0.003 min
Lab File: VV031359.D
Acq: 05 Jun 2023 20:06

Tgt Ion:180 Resp: 71602
Ion Ratio Lower Upper
180 100
182 97.1 76.7 115.1
145 30.3 26.3 39.5





#71

Naphthalene

Concen: 4.642 ug/L

RT: 13.448 min Scan# 3859

Delta R.T. -0.000 min

Lab File: VV031359.D

Acq: 05 Jun 2023 20:06

Instrument :

MSVOA_V

ClientSampleId :

F6C29MSD

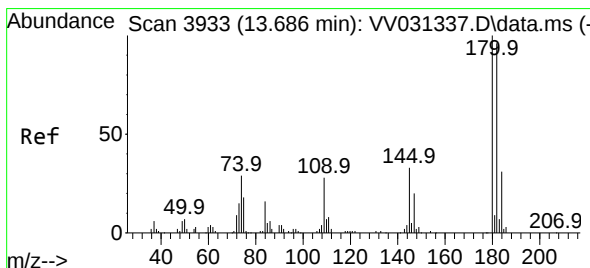
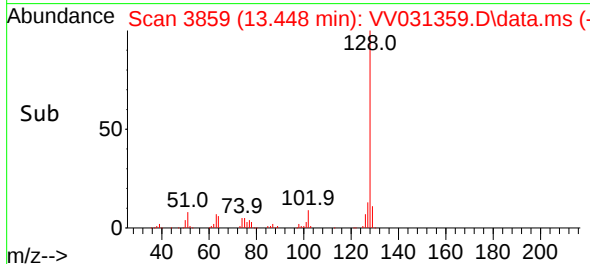
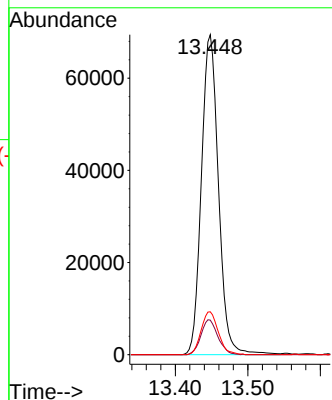
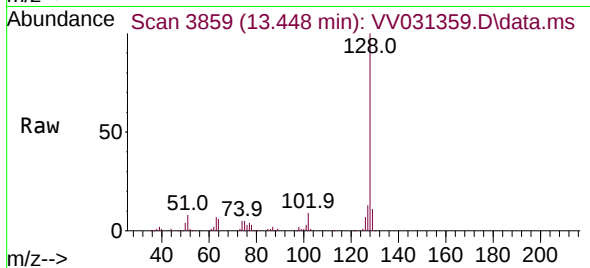
Tgt Ion:	128	Resp:	113560
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.0	13.6
127	13.5	11.4	17.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/06/2023

Supervised By :Mahesh Dadoda 06/08/2023



#72

1,2,3-Trichlorobenzene

Concen: 4.463 ug/L

RT: 13.689 min Scan# 3934

Delta R.T. 0.003 min

Lab File: VV031359.D

Acq: 05 Jun 2023 20:06

Tgt Ion:	180	Resp:	63839
Ion Ratio	Lower	Upper	
180	100		
182	97.3	75.4	113.0
145	33.1	27.8	41.6

