

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021823\
 Data File : VU053126.D
 Acq On : 18 Feb 2023 11:17
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Quant Time: Feb 19 23:21:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 14 00:41:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/20/2023
 Supervised By :Mahesh Dadoda 02/20/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	149905	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	133106	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	66422	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	22530	3.137	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.800%
7) Chloroethane-d5	1.913	69	29172	4.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.400%
11) 1,1-Dichloroethene-d2	2.563	65	11906	3.615	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	4.649	46	117994	53.648	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.300%
24) Chloroform-d	5.058	84	80954	4.899	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
26) 1,2-Dichloroethane-d4	5.698	65	42985	5.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.723	84	136591	4.567	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.400%
36) 1,2-Dichloropropane-d6	6.688	67	52552	5.045	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.894	98	110640	4.095	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.800%
43) trans-1,3-Dichloroprop...	8.177	79	17876	4.238	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.800%
46) 2-Hexanone-d5	8.640	63	102806	54.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.820%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	49102	5.488	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.800%
66) 1,2-Dichlorobenzene-d4	12.189	152	54108	5.453	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	52607	4.780	ug/L	98
3) Chloromethane	1.518	50	55791	4.865	ug/L	100
5) Vinyl chloride	1.605	62	60731	4.807	ug/L	99
6) Bromomethane	1.859	94	31133	3.963	ug/L	97
8) Chloroethane	1.936	64	35322	4.748	ug/L	99
9) Trichlorofluoromethane	2.138	101	83590	4.803	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	48376	5.049	ug/L	98
12) 1,1-Dichloroethene	2.576	96	46859	5.284	ug/L	96
13) Acetone	2.669	43	66483m	42.110	ug/L	
14) Carbon disulfide	2.788	76	136820	5.109	ug/L	99
15) Methyl Acetate	2.958	43	17838	4.628	ug/L #	85
16) Methylene chloride	3.042	84	52550	5.122	ug/L	97
17) Methyl tert-butyl Ether	3.360	73	120283	4.995	ug/L	99
18) trans-1,2-Dichloroethene	3.347	96	45720	4.872	ug/L	98
19) 1,1-Dichloroethane	3.865	63	89748	5.078	ug/L	100
21) 2-Butanone	4.727	43	103849	44.526	ug/L	99
22) cis-1,2-Dichloroethene	4.662	96	52133	4.923	ug/L	96
23) Bromochloromethane	4.971	128	21762	5.189	ug/L	98
25) Chloroform	5.083	83	92332	4.998	ug/L	97

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 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/20/2023
 Supervised By :Mahesh Dadoda 02/20/2023

Quant Time: Feb 19 23:21:53 2023
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	55441	4.882	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	80329	5.052	ug/L	97
30) Cyclohexane	5.383	56	82065	5.161	ug/L	99
31) Carbon tetrachloride	5.521	117	67838	5.111	ug/L	100
33) Benzene	5.768	78	196491	5.123	ug/L	100
34) Trichloroethene	6.537	95	53016	4.912	ug/L	98
35) Methylcyclohexane	6.759	83	86603	4.956	ug/L	98
37) 1,2-Dichloropropane	6.788	63	53050	5.079	ug/L	100
38) Bromodichloromethane	7.103	83	66404	4.903	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	78832	4.732	ug/L	97
40) 4-Methyl-2-pentanone	7.794	43	275212	50.478	ug/L	100
42) Toluene	7.964	91	212862	5.109	ug/L	98
44) trans-1,3-Dichloropropene	8.209	75	65063	4.735	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	36538	4.856	ug/L	95
47) Tetrachloroethene	8.550	164	35589	5.073	ug/L	97
48) 2-Hexanone	8.691	43	191635	47.891	ug/L	98
49) Dibromochloromethane	8.807	129	41678	5.080	ug/L	100
50) 1,2-Dibromoethane	8.923	107	35149	5.063	ug/L	96
51) Chlorobenzene	9.443	112	131007	5.040	ug/L	100
52) Ethylbenzene	9.566	91	239728	5.070	ug/L	99
53) m,p-Xylene	9.691	106	90211	5.102	ug/L	94
54) o-Xylene	10.096	106	87771	5.121	ug/L	97
55) Styrene	10.112	104	144824	5.209	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.781	83	48035	5.045	ug/L	99
59) Bromoform	10.289	173	23451	4.857	ug/L	98
60) Isopropylbenzene	10.479	105	240805	5.011	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	32047	5.025	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	201244	4.959	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	207066	5.098	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	99680	5.122	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	99032	5.079	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	94700	5.219	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	7296	4.867	ug/L	92
69) 1,3,5-Trichlorobenzene	13.215	180	68597	4.948	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	56664	4.924	ug/L	98
71) Naphthalene	14.083	128	114840	4.976	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	48921	4.817	ug/L	99

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

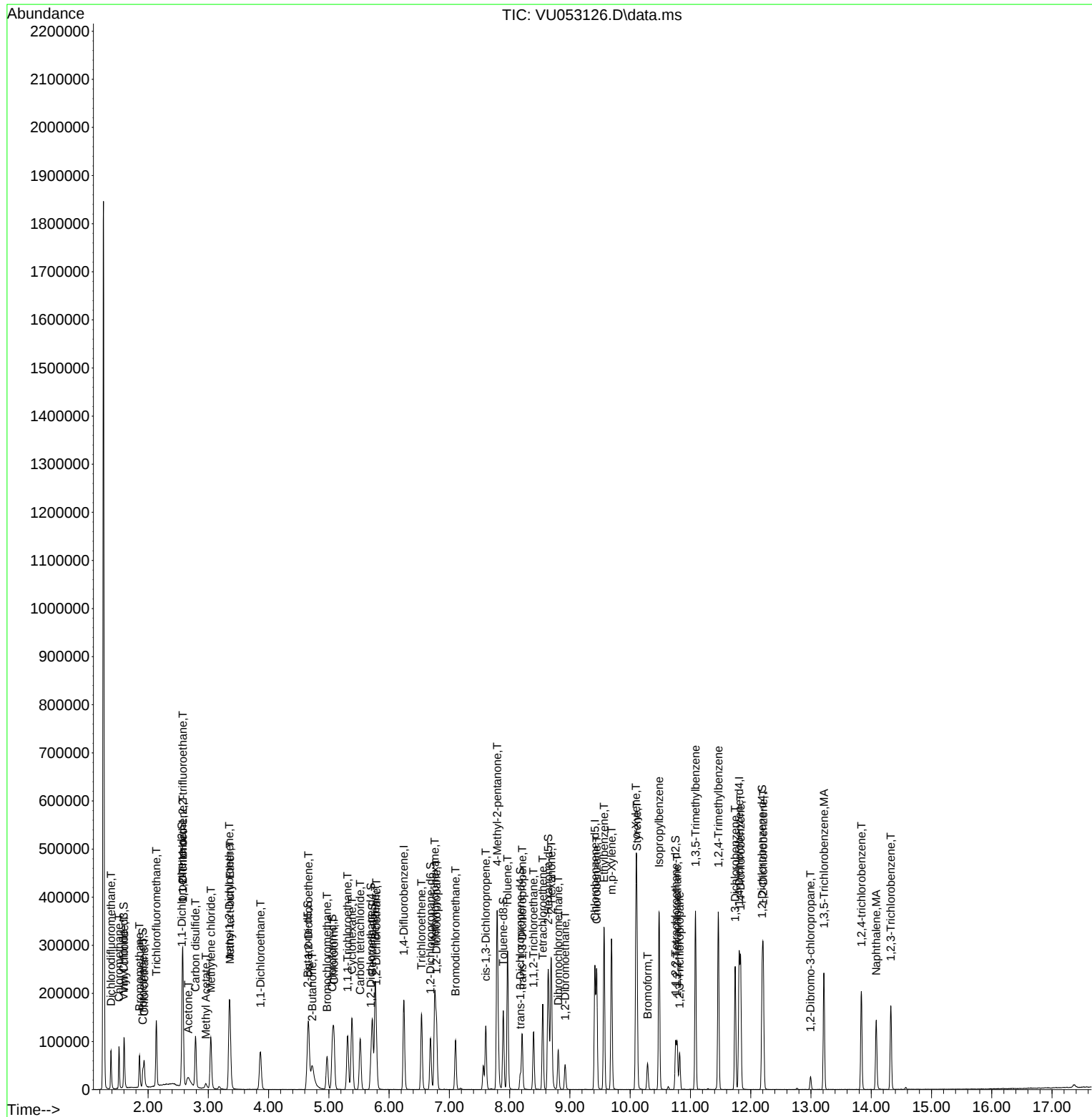
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Data File : VU053126.D
Acq On : 18 Feb 2023 11:17
Operator : JC/MD
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ALS Vial : 2 Sample Multiplier: 1

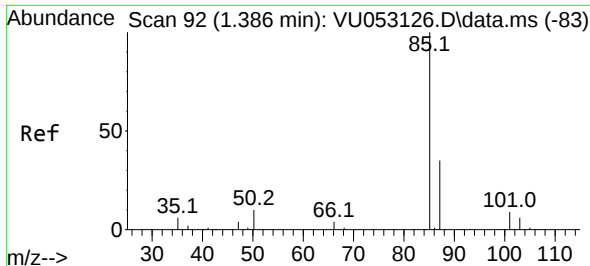
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023

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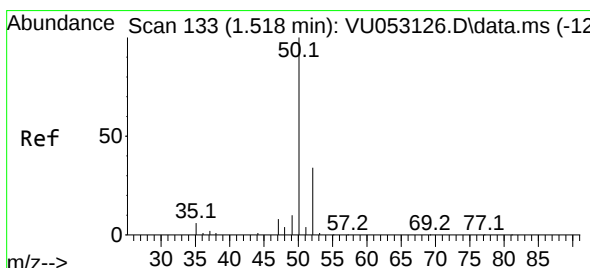
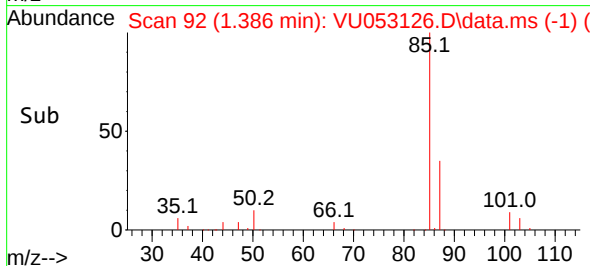
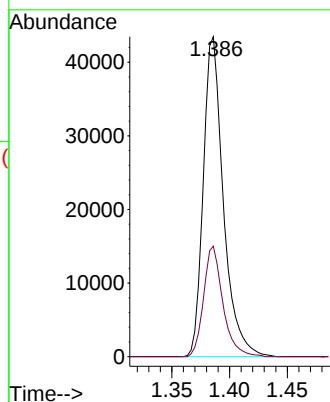
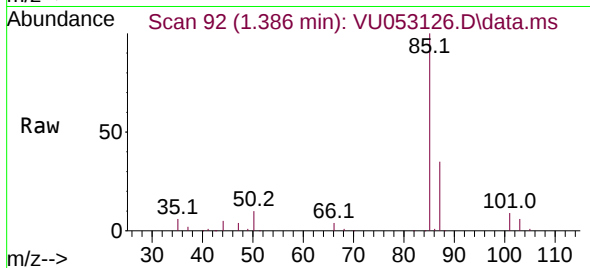
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Dichlorodifluoromethane
Concen: 4.780 ug/L
RT: 1.386 min Scan# 91
Delta R.T. 0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

Tgt Ion: 85 Resp: 5260
Ion Ratio Lower Upper
85 100
87 33.2 25.5 38.3

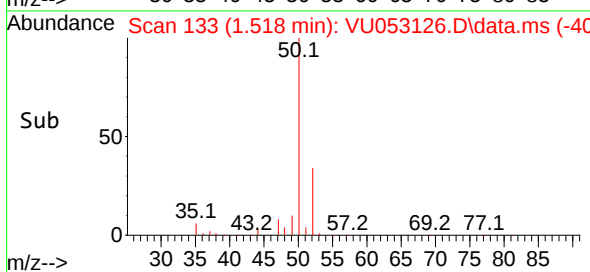
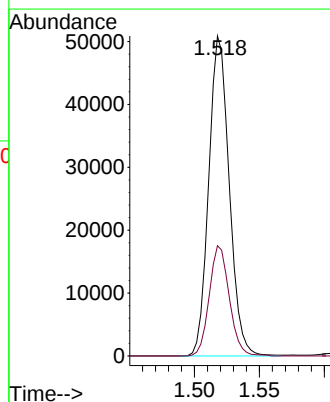
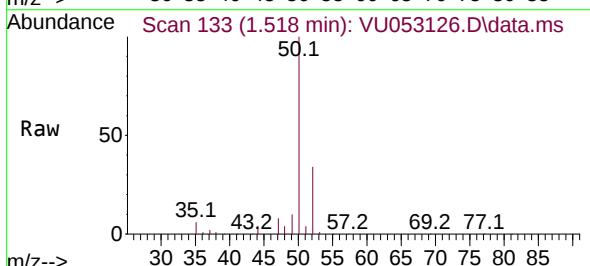
Manual Integrations
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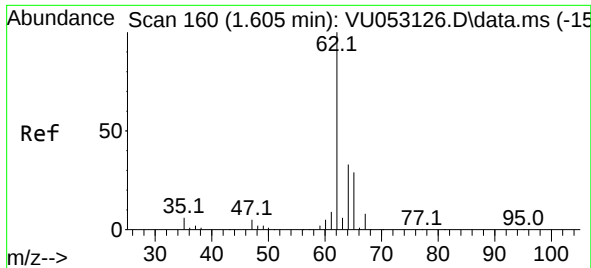
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#3
Chloromethane
Concen: 4.865 ug/L
RT: 1.518 min Scan# 133
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Tgt Ion: 50 Resp: 55791
Ion Ratio Lower Upper
50 100
52 34.5 24.1 44.7





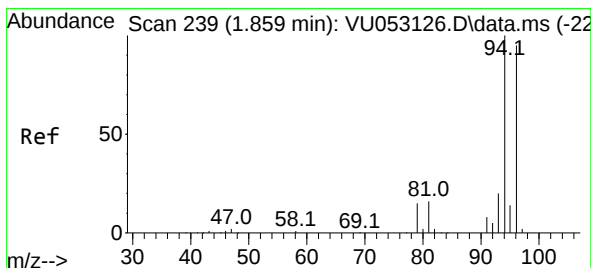
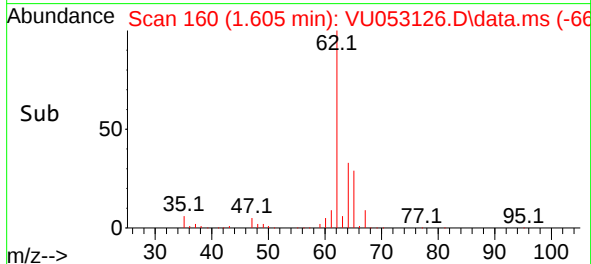
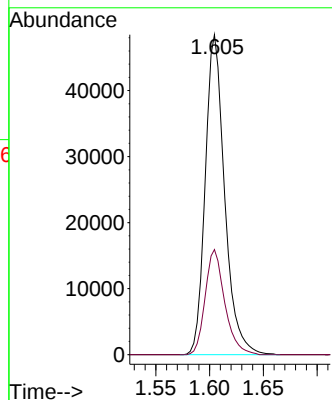
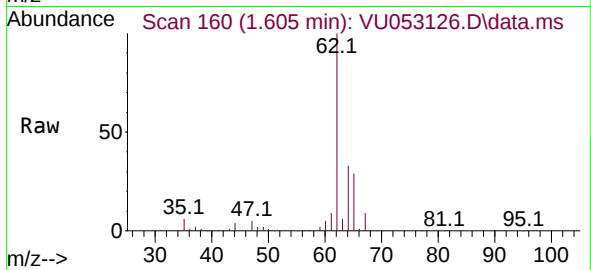
#5
 Vinyl chloride
 Concen: 4.807 ug/L
 RT: 1.605 min Scan# 160
 Delta R.T. 0.003 min
 Lab File: VU053126.D
 Acq: 18 Feb 2023 11:17

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005141

Tgt Ion: 62 Resp: 6073
 Ion Ratio Lower Upper
 62 100
 64 32.9 22.5 41.9

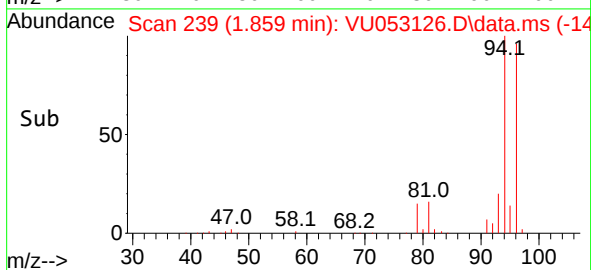
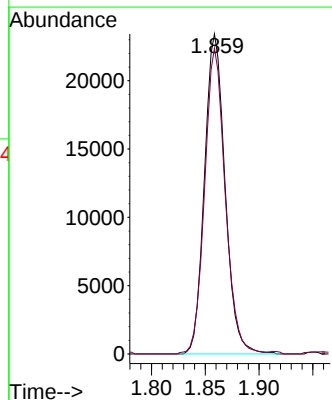
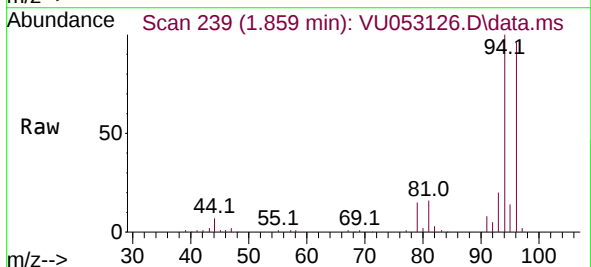
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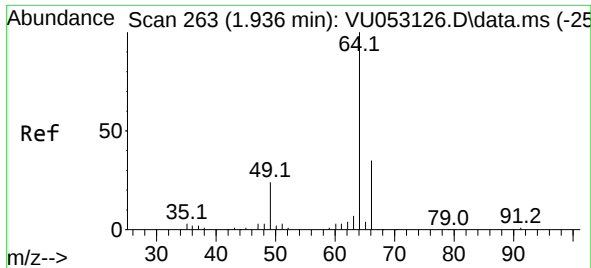
Reviewed By :Krupa Patel 02/20/2023
 Supervised By :Mahesh Dadoda 02/20/2023



#6
 Bromomethane
 Concen: 3.963 ug/L
 RT: 1.859 min Scan# 239
 Delta R.T. -0.000 min
 Lab File: VU053126.D
 Acq: 18 Feb 2023 11:17

Tgt Ion: 94 Resp: 31133
 Ion Ratio Lower Upper
 94 100
 96 95.6 64.8 120.3





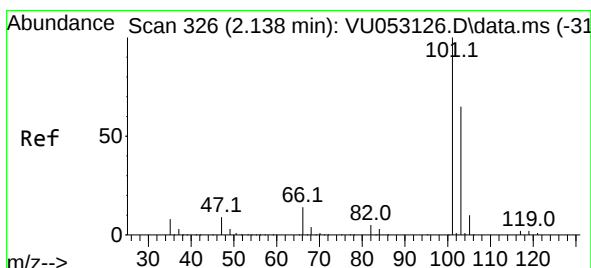
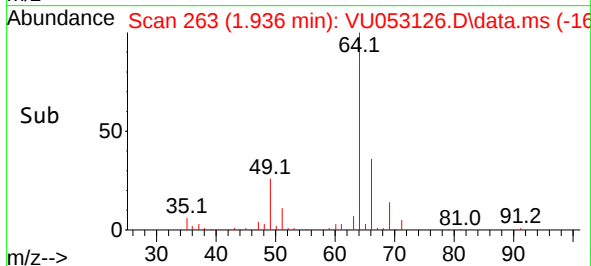
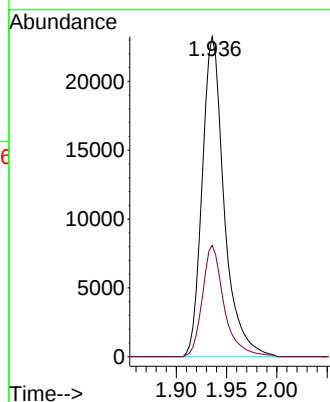
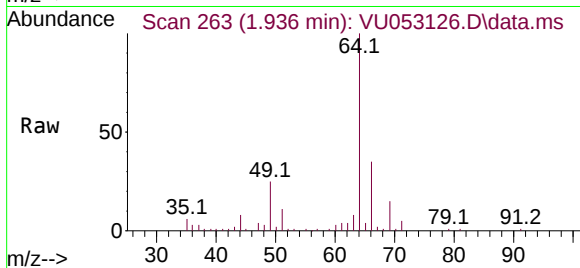
#8
Chloroethane
Concen: 4.748 ug/L
RT: 1.936 min Scan# 263
Delta R.T. 0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

Tgt Ion: 64 Resp: 3532
Ion Ratio Lower Upper
64 100
66 34.8 23.9 44.3

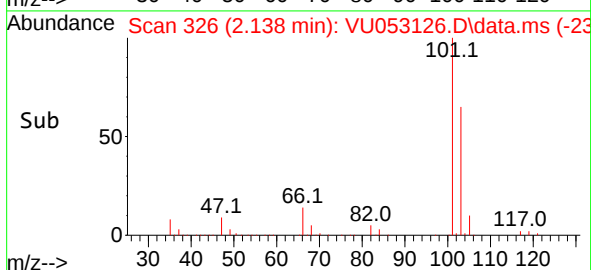
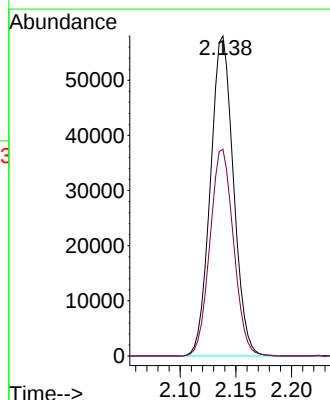
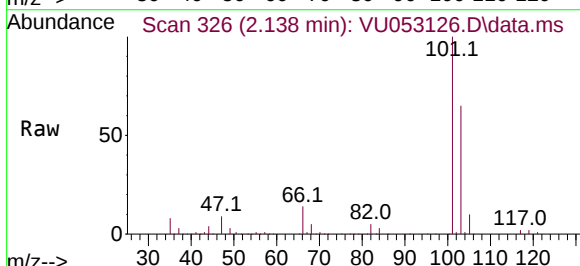
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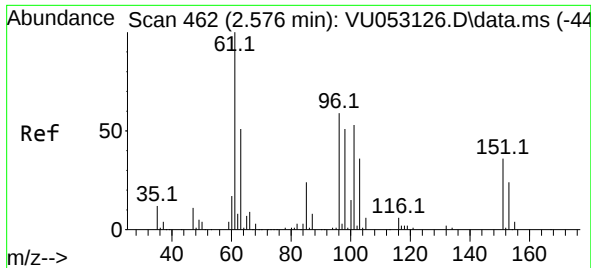
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#9
Trichlorofluoromethane
Concen: 4.803 ug/L
RT: 2.138 min Scan# 326
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Tgt Ion:101 Resp: 83590
Ion Ratio Lower Upper
101 100
103 66.1 52.6 78.8





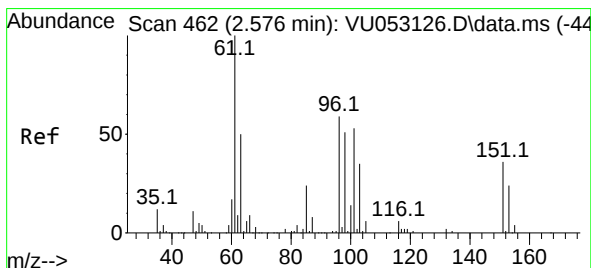
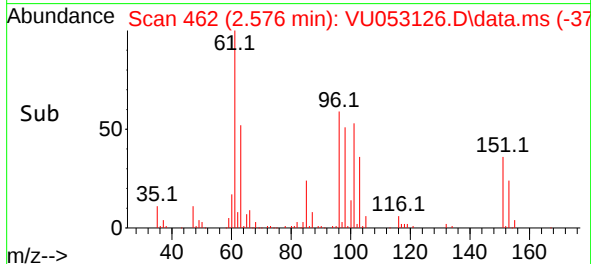
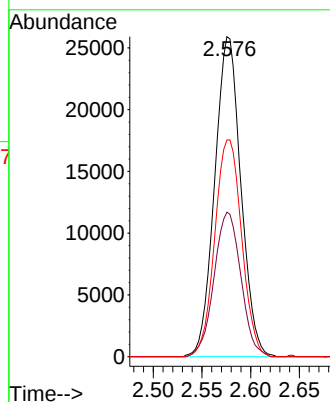
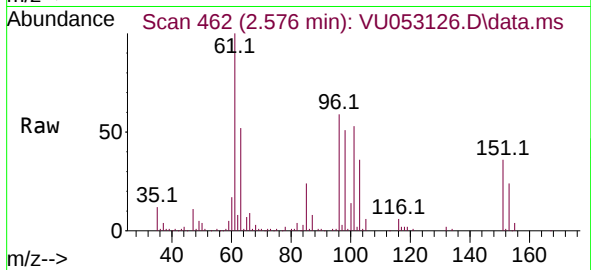
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.049 ug/L
RT: 2.576 min Scan# 462
Delta R.T. -0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Instrument :
MSVOA_U
Client Sample Id :
VSTD005141

Tgt Ion: 101 Resp: 48370
Ion Ratio Lower Upper
101 100
85 46.2 36.8 55.2
151 69.5 53.8 80.8

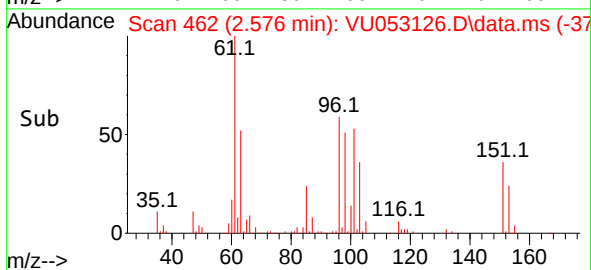
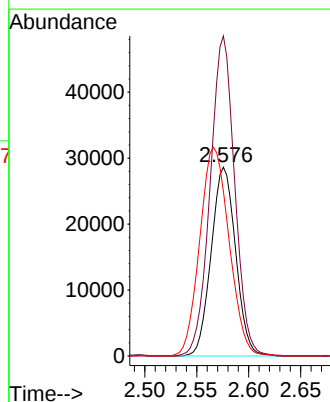
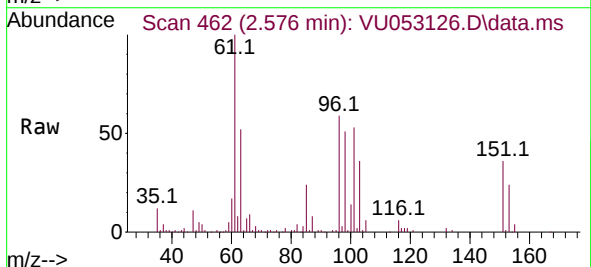
Manual Integrations
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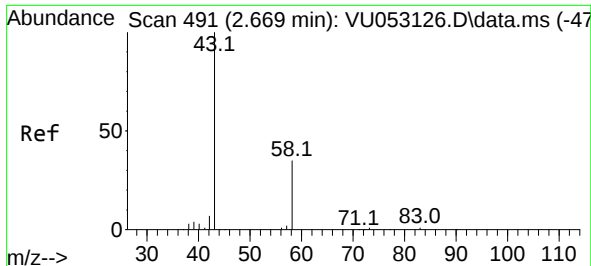
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#12
1,1-Dichloroethene
Concen: 5.284 ug/L
RT: 2.576 min Scan# 462
Delta R.T. -0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

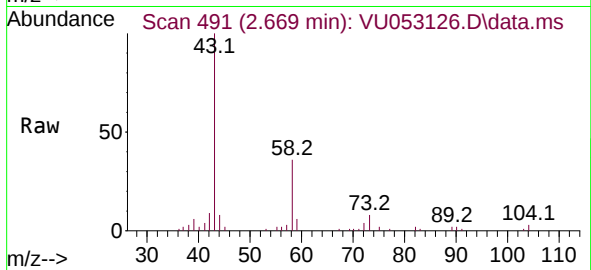
Tgt Ion: 96 Resp: 46859
Ion Ratio Lower Upper
96 100
61 169.4 115.1 213.7
63 87.3 63.6 118.0





#13
Acetone
Concen: 42.110 ug/L m
RT: 2.669 min Scan# 491
Delta R.T. -0.000 min
Lab File: VU053126.D
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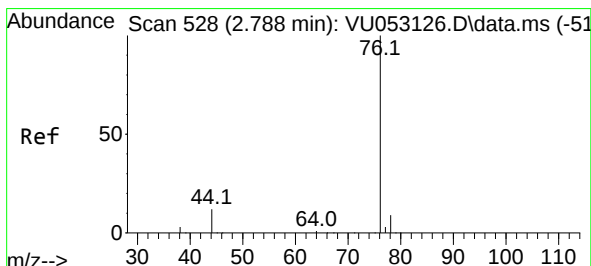
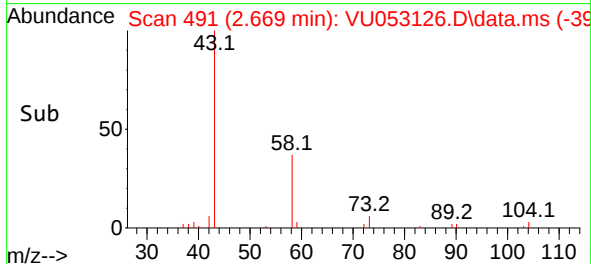
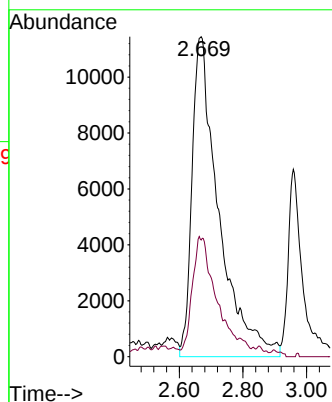
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Tgt Ion: 43 Resp: 6648
Ion Ratio Lower Upper
43 100
58 11.7 0.0 19.6

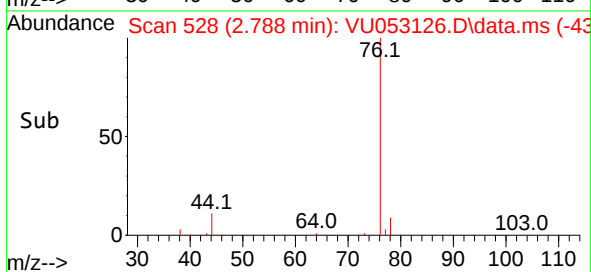
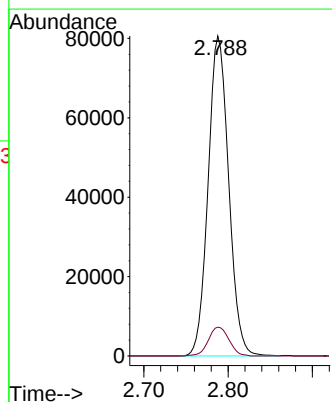
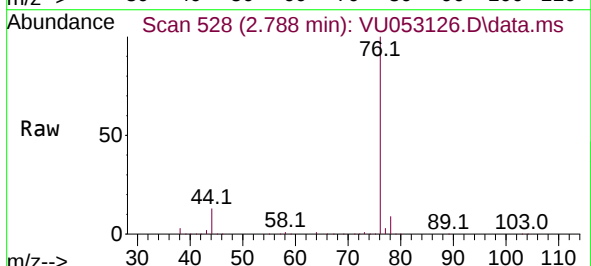
Manual Integrations
APPROVED

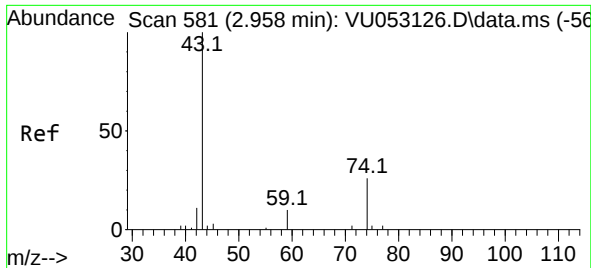
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#14
Carbon disulfide
Concen: 5.109 ug/L
RT: 2.788 min Scan# 528
Delta R.T. -0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Tgt Ion: 76 Resp: 136820
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3





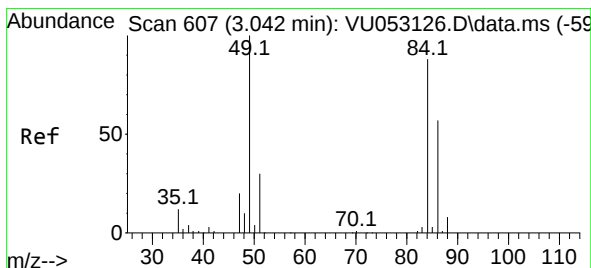
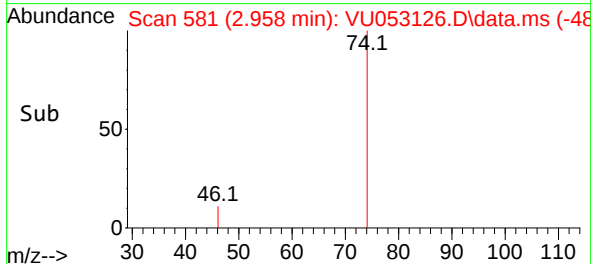
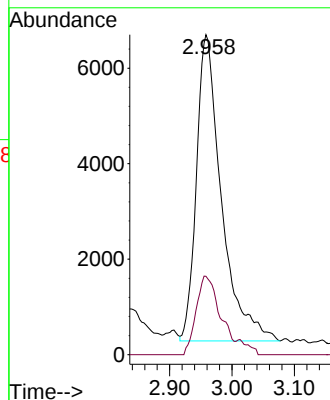
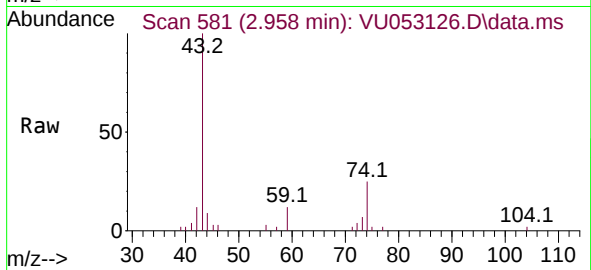
#15
Methyl Acetate
Concen: 4.628 ug/L
RT: 2.958 min Scan# 581
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

Tgt Ion: 43 Resp: 17838
Ion Ratio Lower Upper
43 100
74 24.3 14.3 21.5

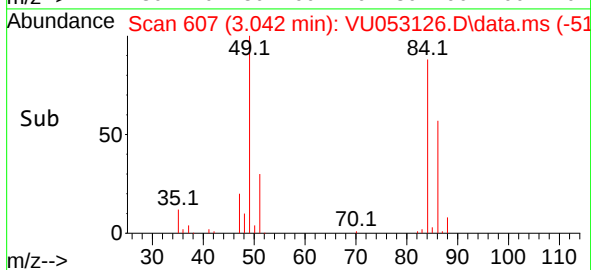
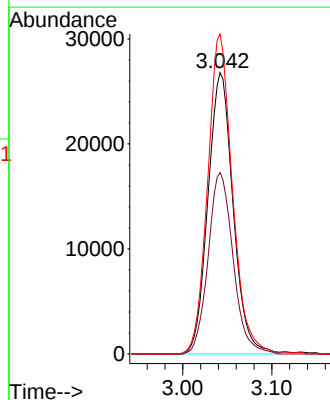
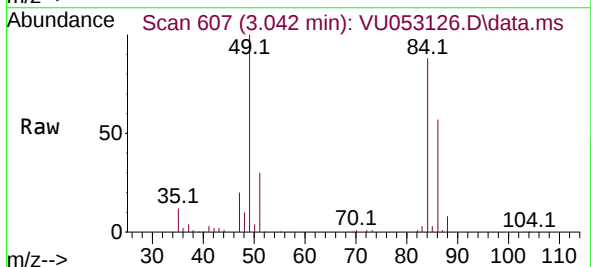
Manual Integrations
APPROVED

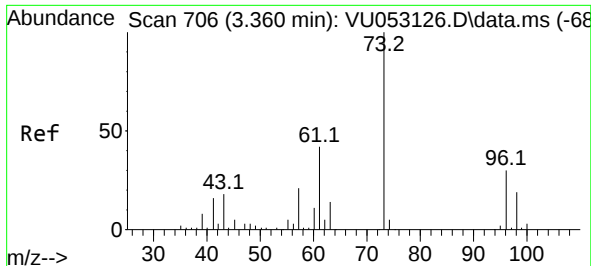
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#16
Methylene chloride
Concen: 5.122 ug/L
RT: 3.042 min Scan# 607
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Tgt Ion: 84 Resp: 52550
Ion Ratio Lower Upper
84 100
86 64.5 44.9 83.3
49 113.8 82.6 153.4





#17

Methyl tert-butyl Ether

Concen: 4.995 ug/L

RT: 3.360 min Scan# 706

Delta R.T. -0.000 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005141

Tgt Ion: 73 Resp: 12028

Ion Ratio Lower Upper

73 100

43 18.0 14.6 21.8

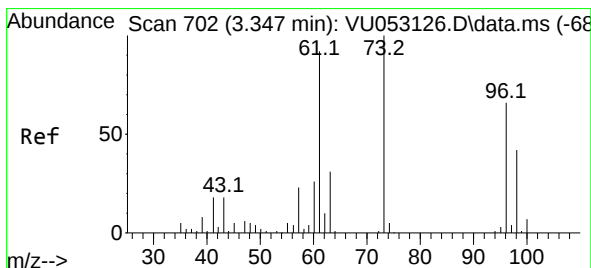
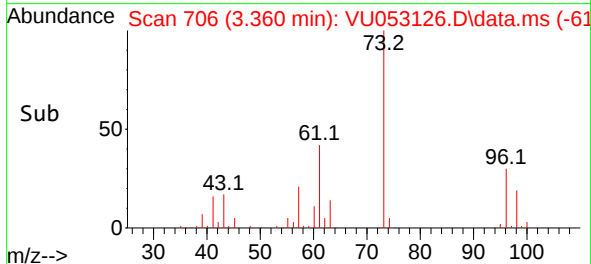
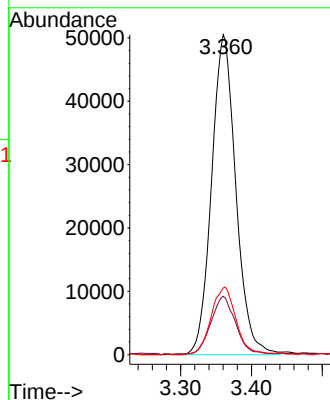
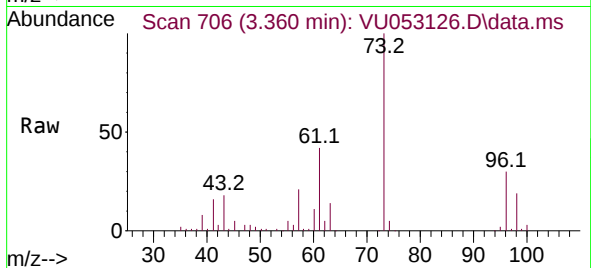
57 21.6 17.1 25.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/20/2023

Supervised By :Mahesh Dadoda 02/20/2023



#18

trans-1,2-Dichloroethene

Concen: 4.872 ug/L

RT: 3.347 min Scan# 702

Delta R.T. -0.003 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

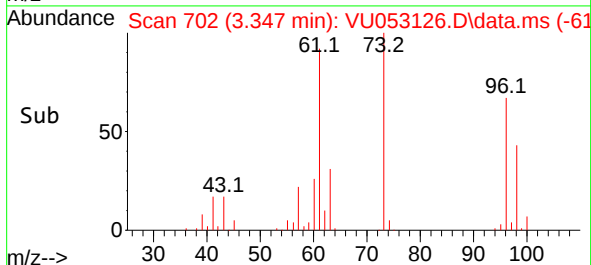
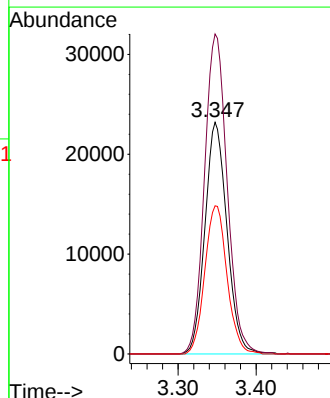
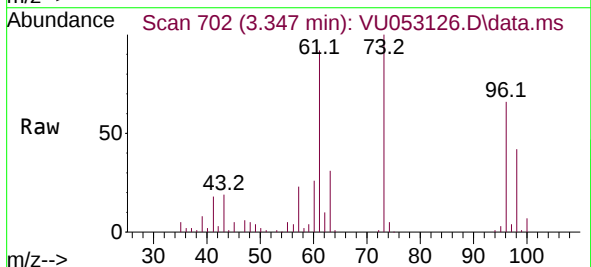
Tgt Ion: 96 Resp: 45720

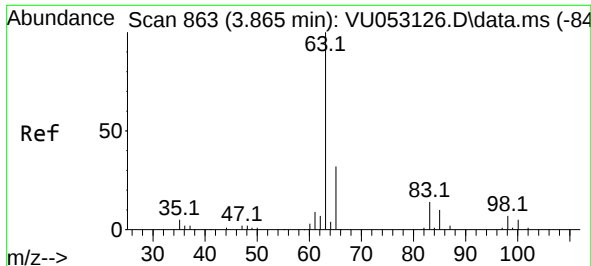
Ion Ratio Lower Upper

96 100

61 138.1 99.5 184.9

98 63.9 44.8 83.2





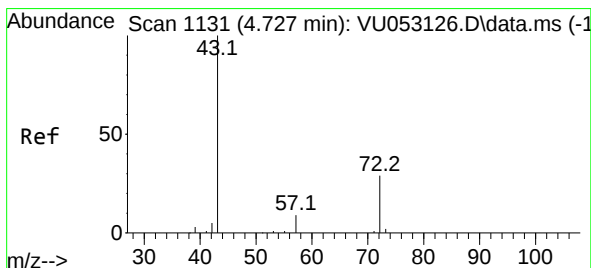
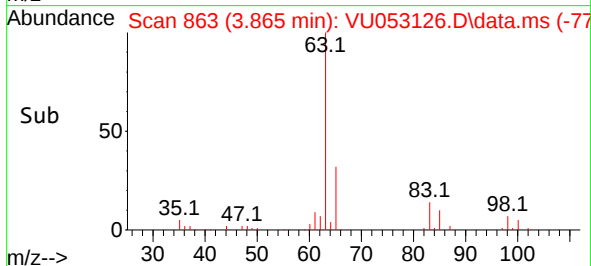
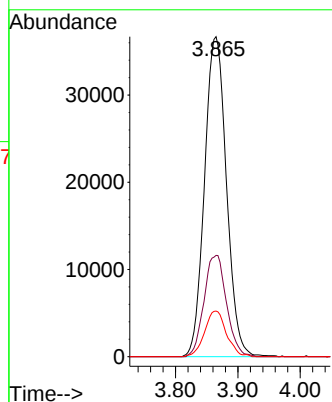
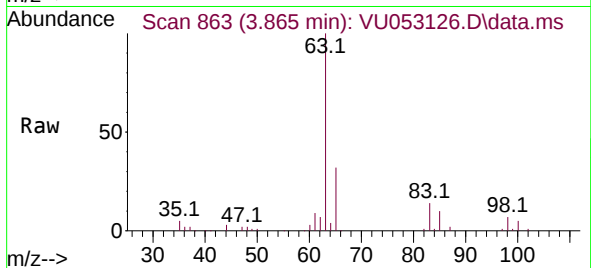
#19
1,1-Dichloroethane
Concen: 5.078 ug/L
RT: 3.865 min Scan# 863
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

Tgt Ion: 63 Resp: 89748
Ion Ratio Lower Upper
63 100
65 31.6 22.3 41.3
83 14.2 9.8 18.2

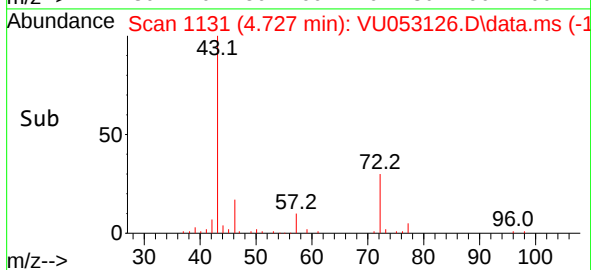
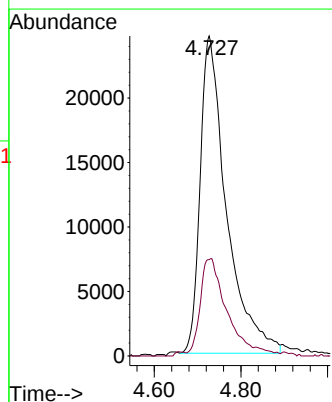
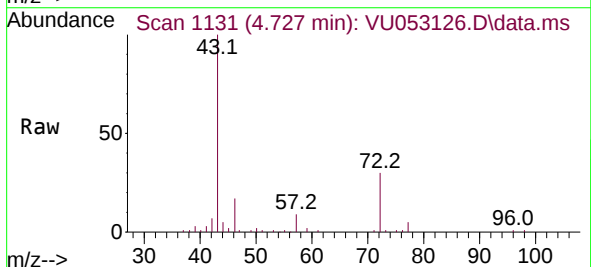
Manual Integrations
APPROVED

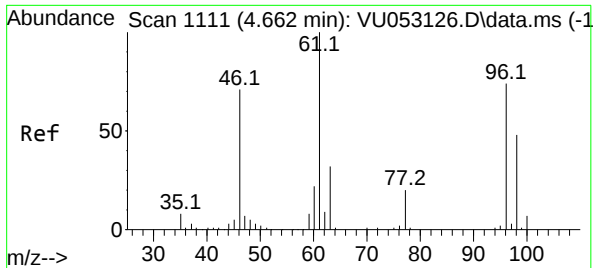
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#21
2-Butanone
Concen: 44.526 ug/L
RT: 4.727 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Tgt Ion: 43 Resp: 103849
Ion Ratio Lower Upper
43 100
72 28.3 14.5 43.5





#22
cis-1,2-Dichloroethene
Concen: 4.923 ug/L
RT: 4.662 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Instrument :

MSVOA_U

ClientSampleId :

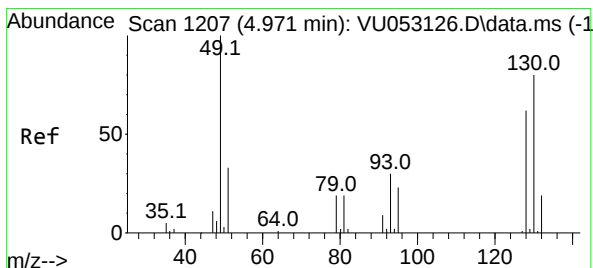
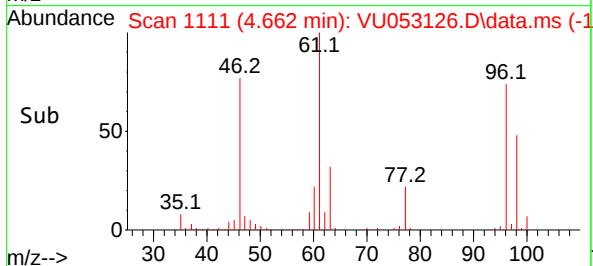
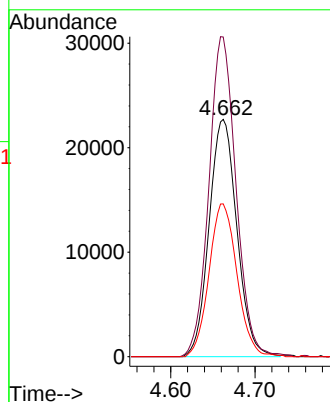
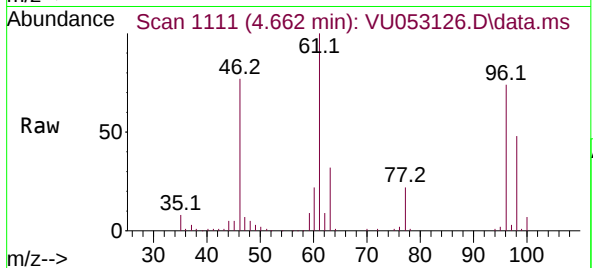
VSTD005141

Tgt Ion: 96 Resp: 5213
Ion Ratio Lower Upper
96 100
61 134.7 90.9 168.9
98 64.4 47.0 87.4

Manual Integrations

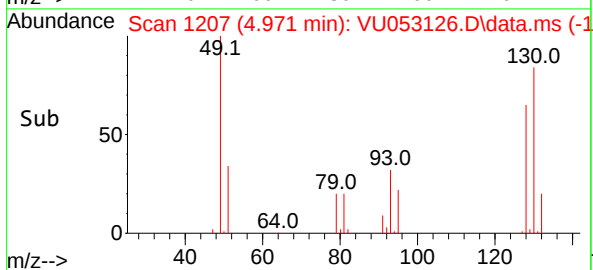
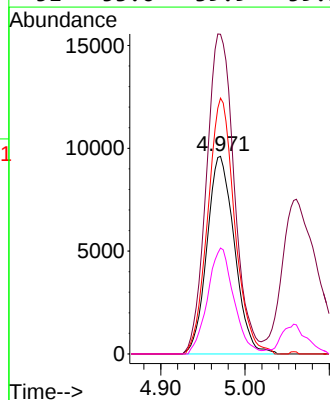
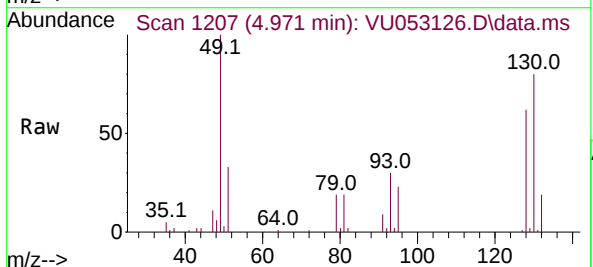
APPROVED

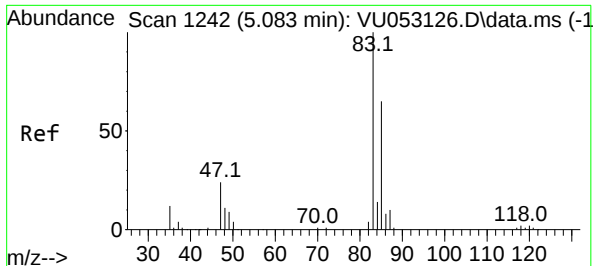
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#23
Bromochloromethane
Concen: 5.189 ug/L
RT: 4.971 min Scan# 1207
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Tgt Ion:128 Resp: 21762
Ion Ratio Lower Upper
128 100
49 161.7 114.2 212.0
130 129.4 91.6 170.2
51 53.6 39.9 59.9





#25

Chloroform

Concen: 4.998 ug/L

RT: 5.083 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005141

Tgt Ion: 83 Resp: 9233

Ion Ratio Lower Upper

83 100

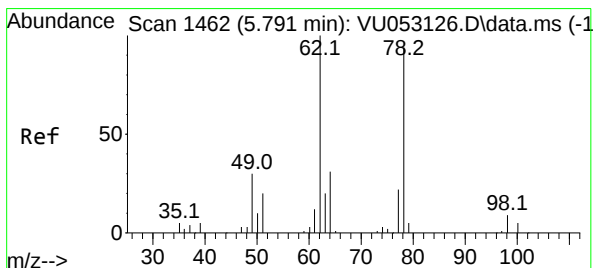
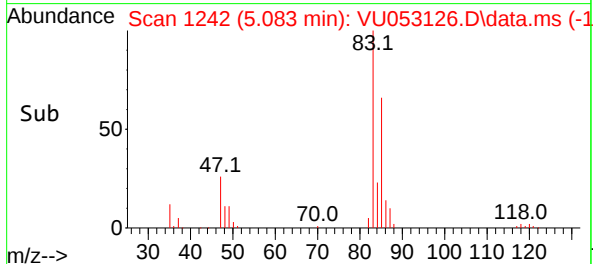
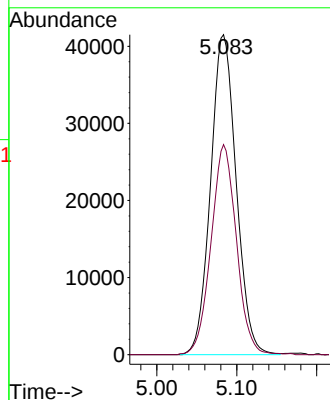
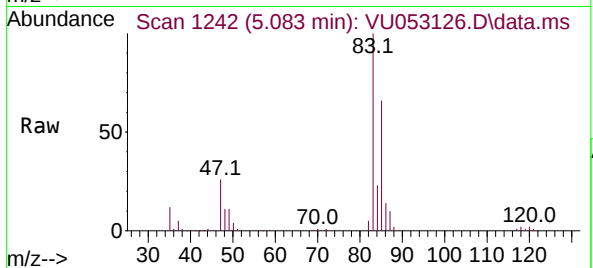
85 65.7 47.7 88.5

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/20/2023

Supervised By :Mahesh Dadoda 02/20/2023



#27

1,2-Dichloroethane

Concen: 4.882 ug/L

RT: 5.791 min Scan# 1462

Delta R.T. -0.000 min

Lab File: VU053126.D

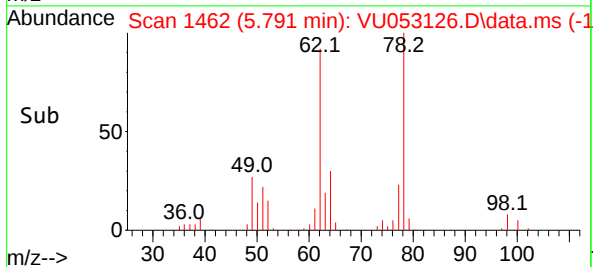
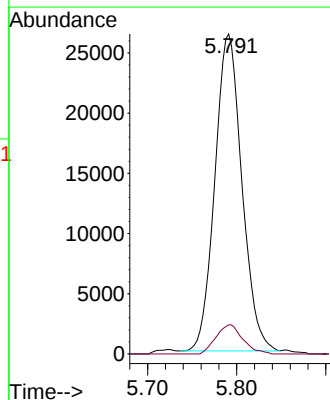
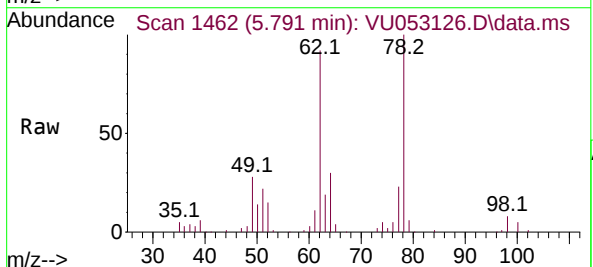
Acq: 18 Feb 2023 11:17

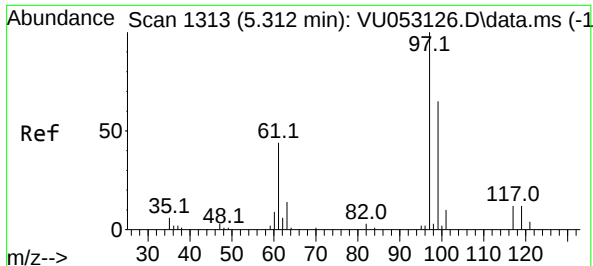
Tgt Ion: 62 Resp: 55441

Ion Ratio Lower Upper

62 100

98 9.1 7.1 10.7





#29

1,1,1-Trichloroethane

Concen: 5.052 ug/L

RT: 5.312 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005141

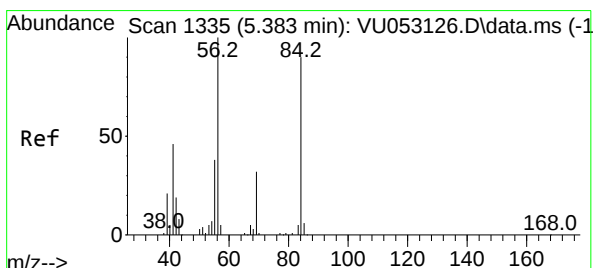
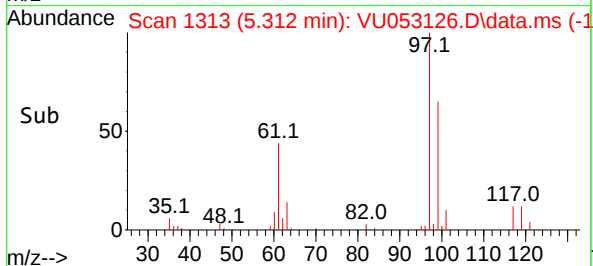
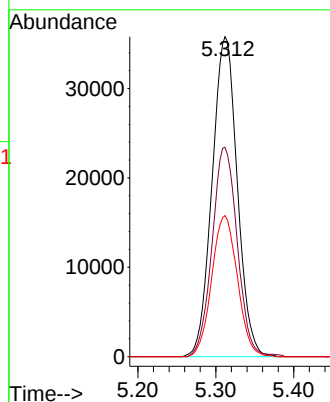
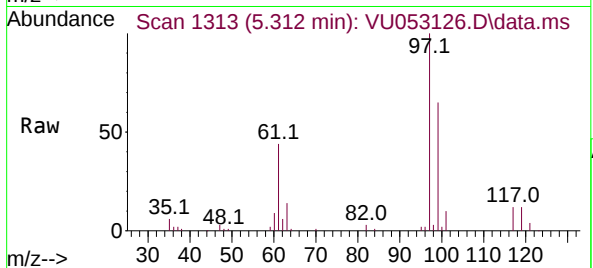
Tgt Ion: 97	Resp: 80329
Ion Ratio	Lower Upper
97 100	
99 65.5	51.0 76.6
61 45.0	34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/20/2023

Supervised By :Mahesh Dadoda 02/20/2023



#30

Cyclohexane

Concen: 5.161 ug/L

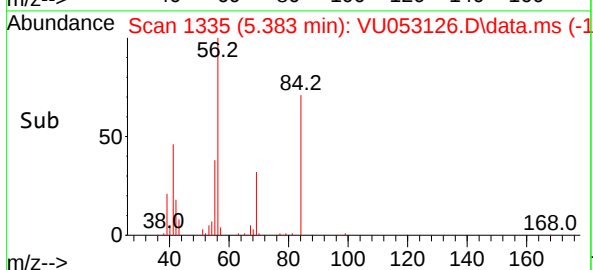
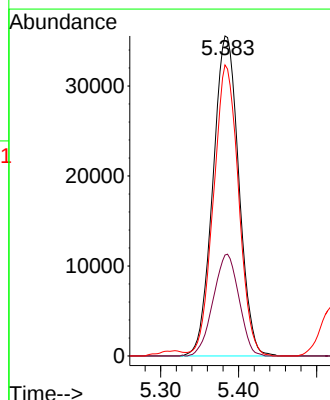
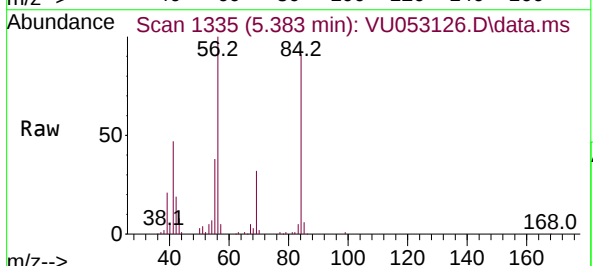
RT: 5.383 min Scan# 1335

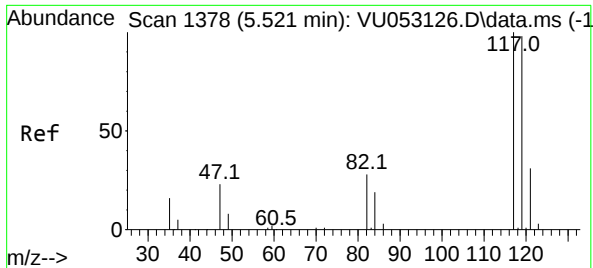
Delta R.T. -0.003 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

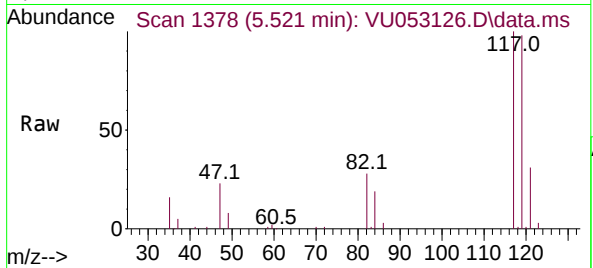
Tgt Ion: 56	Resp: 82065
Ion Ratio	Lower Upper
56 100	
69 31.6	27.0 40.6
84 88.1	70.8 106.2





#31
Carbon tetrachloride
Concen: 5.111 ug/L
RT: 5.521 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

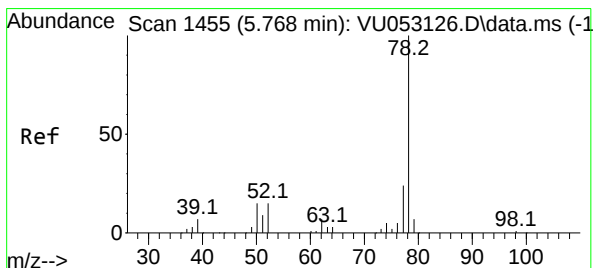
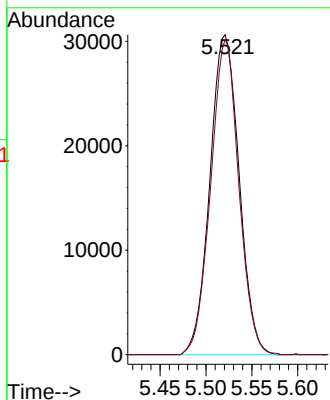
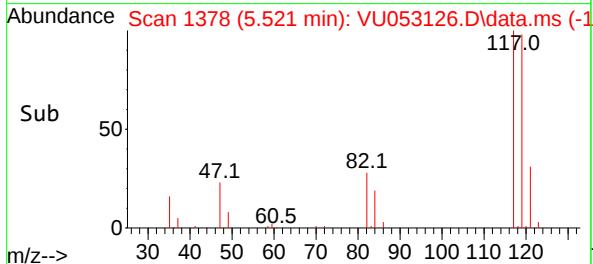
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141



Tgt Ion:117 Resp: 67838
Ion Ratio Lower Upper
117 100
119 94.6 75.4 113.0

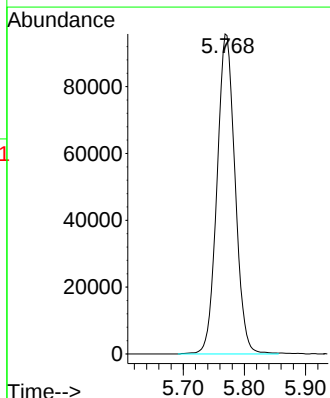
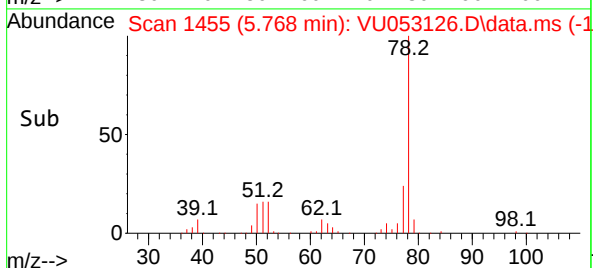
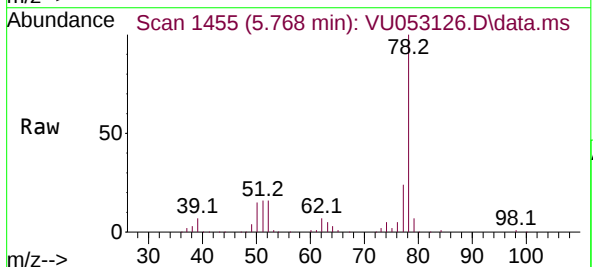
Manual Integrations
APPROVED

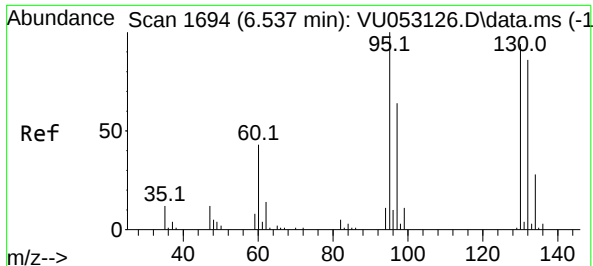
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#33
Benzene
Concen: 5.123 ug/L
RT: 5.768 min Scan# 1455
Delta R.T. -0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

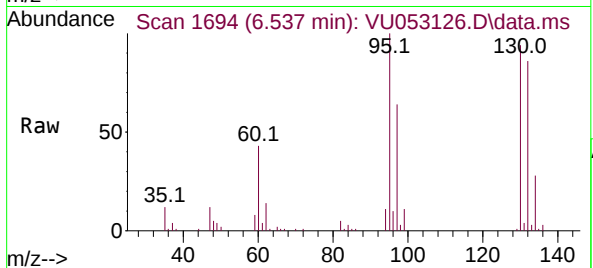
Tgt Ion: 78 Resp: 196491





#34
Trichloroethene
Concen: 4.912 ug/L
RT: 6.537 min Scan# 1694
Delta R.T. -0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

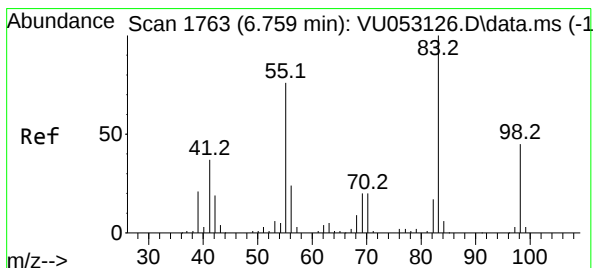
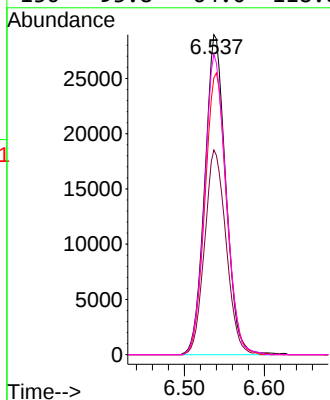
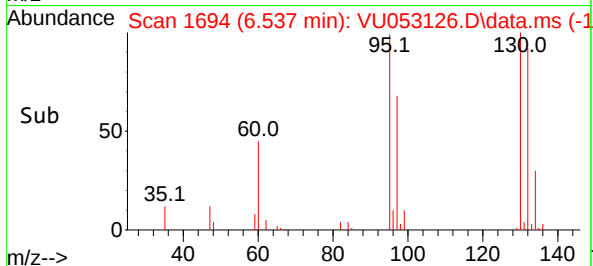
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141



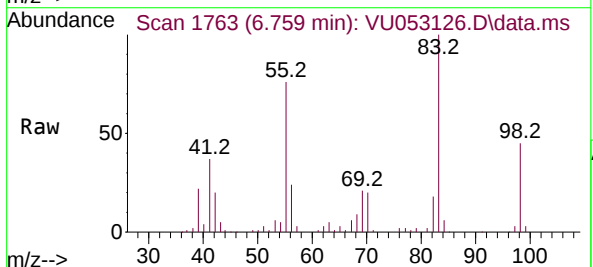
Tgt Ion: 95 Resp: 53010
Ion Ratio Lower Upper
95 100
97 64.0 44.7 82.9
132 86.5 62.3 115.7
130 93.8 64.0 118.8

Manual Integrations
APPROVED

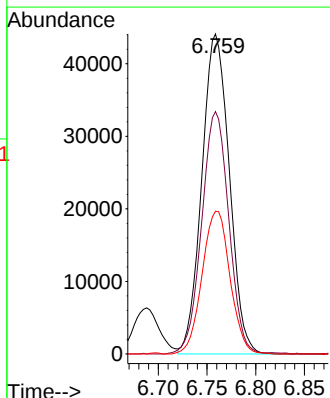
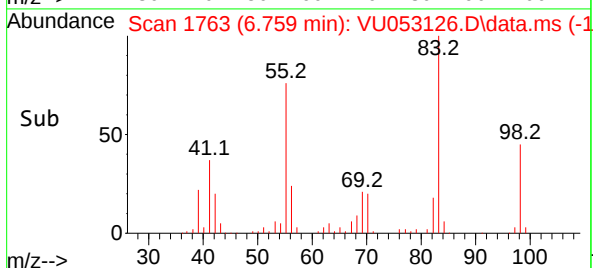
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023

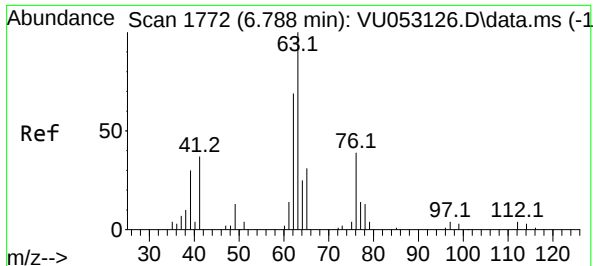


#35
Methylcyclohexane
Concen: 4.956 ug/L
RT: 6.759 min Scan# 1763
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17



Tgt Ion: 83 Resp: 86603
Ion Ratio Lower Upper
83 100
55 74.6 57.9 86.9
98 45.2 36.4 54.6





#37

1,2-Dichloropropane

Concen: 5.079 ug/L

RT: 6.788 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005141

Tgt Ion: 63 Resp: 53050

Ion Ratio Lower Upper

63 100

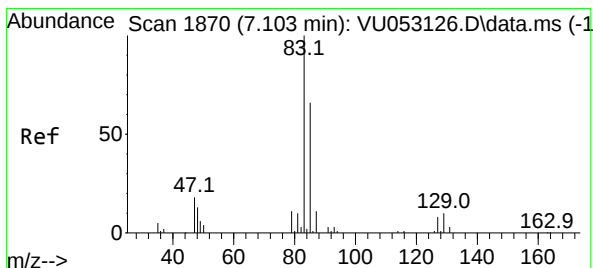
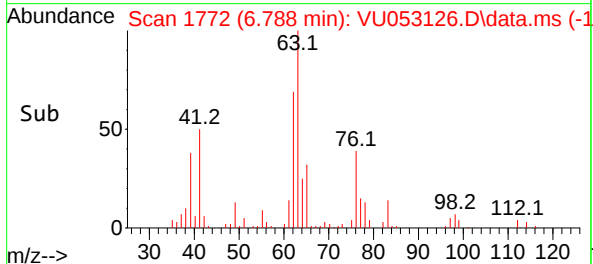
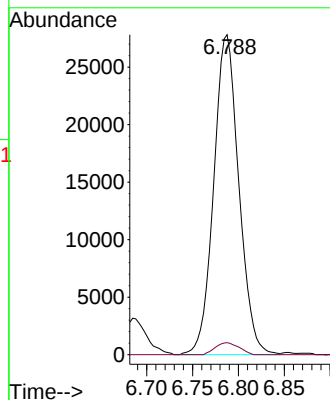
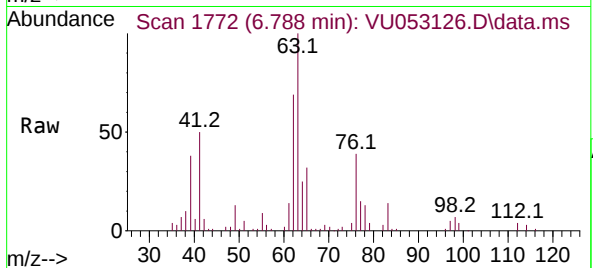
112 3.5 2.7 4.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/20/2023

Supervised By :Mahesh Dadoda 02/20/2023



#38

Bromodichloromethane

Concen: 4.903 ug/L

RT: 7.103 min Scan# 1870

Delta R.T. -0.000 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

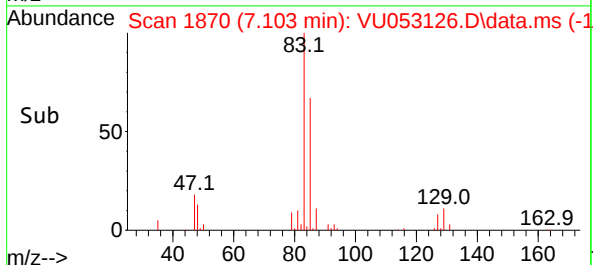
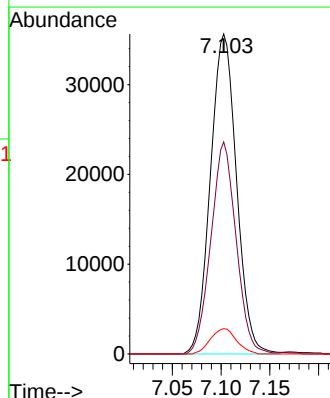
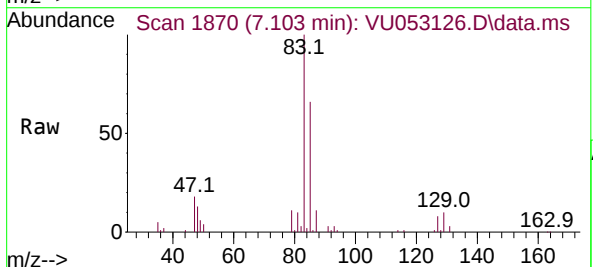
Tgt Ion: 83 Resp: 66404

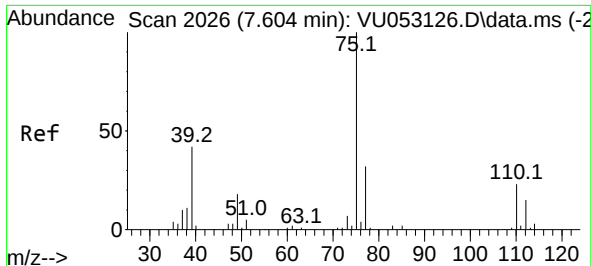
Ion Ratio Lower Upper

83 100

85 66.2 44.7 82.9

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.732 ug/L

RT: 7.604 min Scan# 2026

Delta R.T. -0.000 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005141

Tgt Ion: 75 Resp: 7883

Ion Ratio Lower Upper

75 100

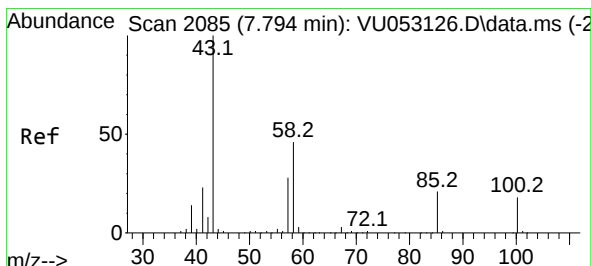
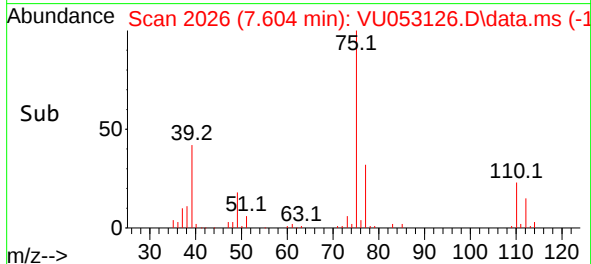
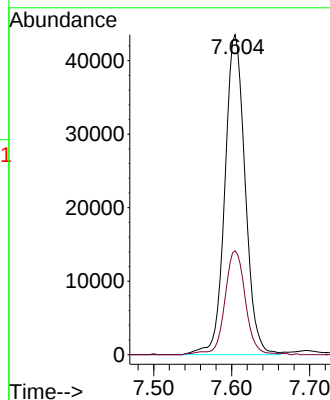
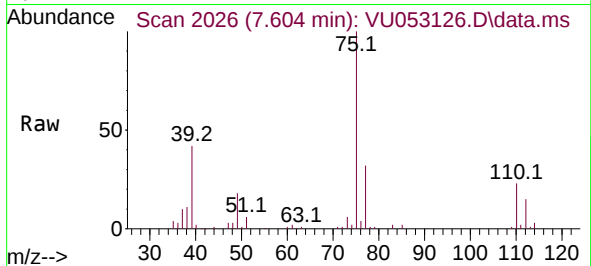
77 32.5 21.6 40.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/20/2023

Supervised By :Mahesh Dadoda 02/20/2023



#40

4-Methyl-2-pentanone

Concen: 50.478 ug/L

RT: 7.794 min Scan# 2085

Delta R.T. 0.006 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

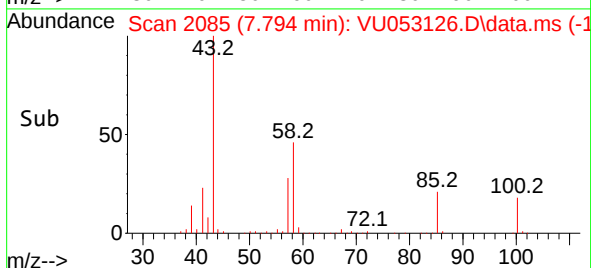
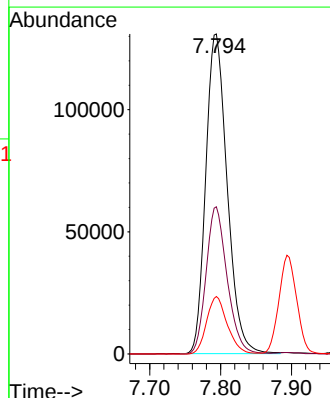
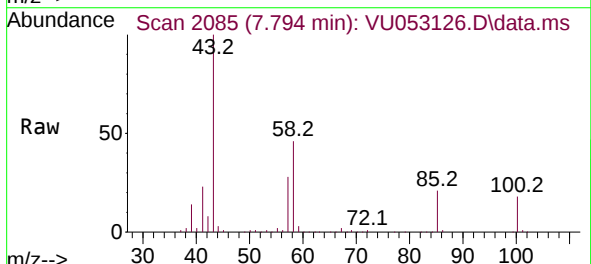
Tgt Ion: 43 Resp: 275212

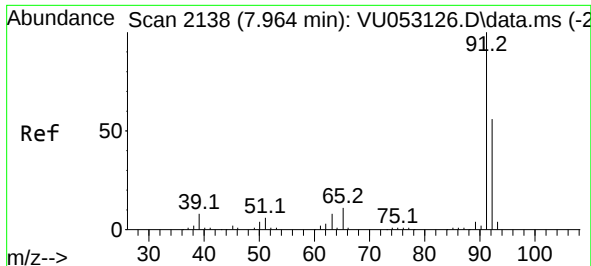
Ion Ratio Lower Upper

43 100

58 45.2 35.9 53.9

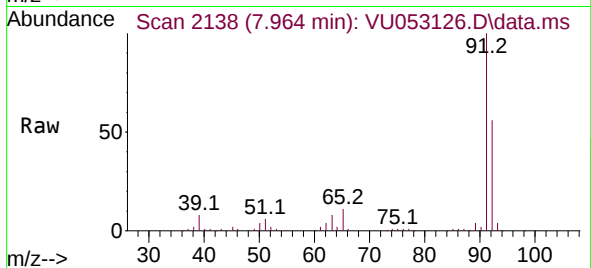
100 17.3 13.8 20.6





#42
Toluene
Concen: 5.109 ug/L
RT: 7.964 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

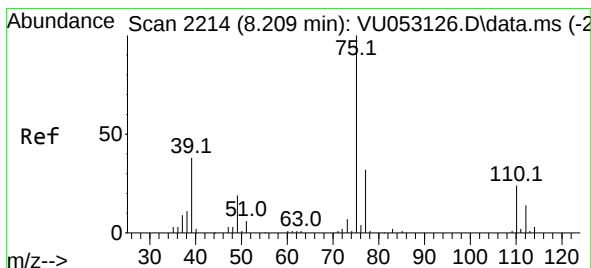
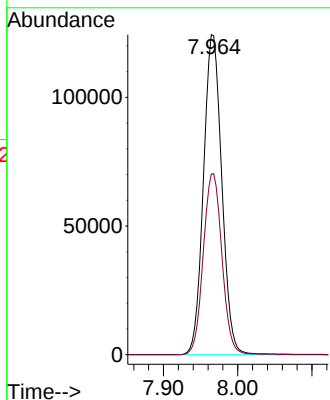
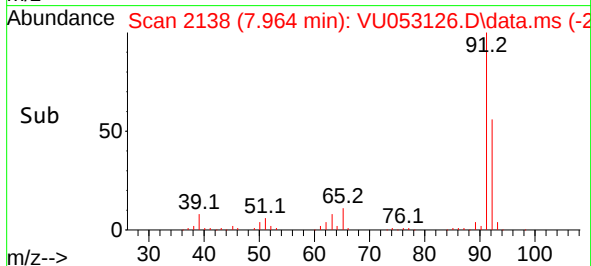
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141



Tgt Ion: 91 Resp: 212862
Ion Ratio Lower Upper
91 100
92 56.4 40.5 75.3

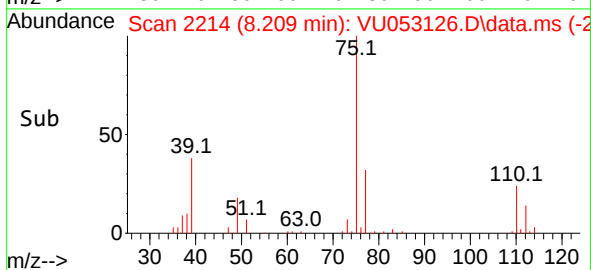
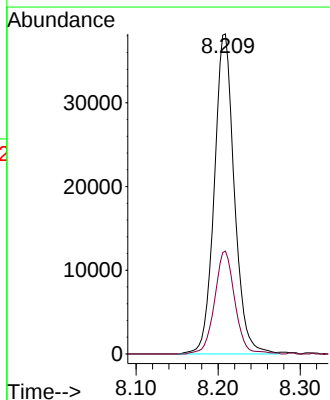
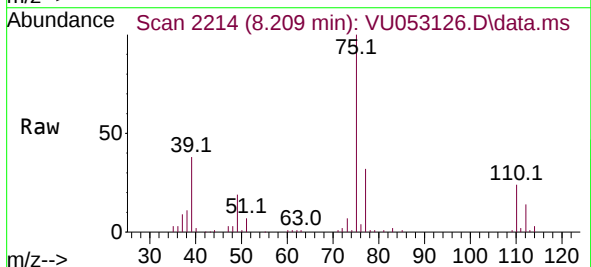
Manual Integrations
APPROVED

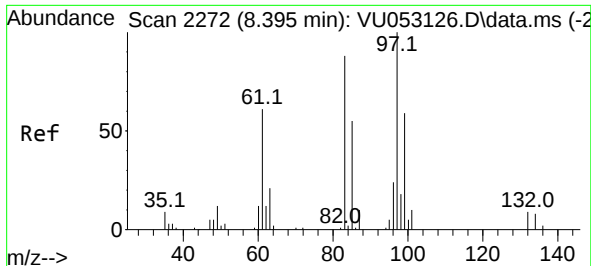
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#44
trans-1,3-Dichloropropene
Concen: 4.735 ug/L
RT: 8.209 min Scan# 2214
Delta R.T. 0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

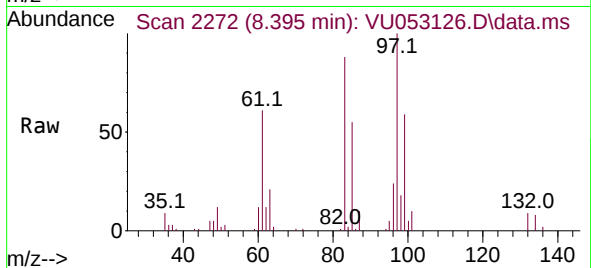
Tgt Ion: 75 Resp: 65063
Ion Ratio Lower Upper
75 100
77 32.1 22.3 41.3





#45
1,1,2-Trichloroethane
Concen: 4.856 ug/L
RT: 8.395 min Scan# 2272
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

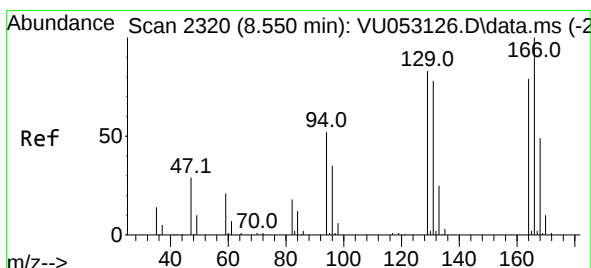
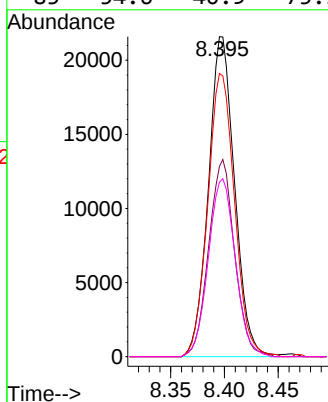
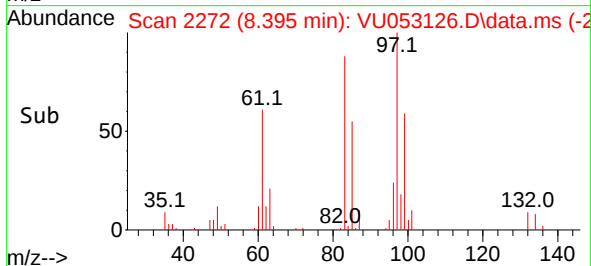


Tgt Ion: 97 Resp: 36538

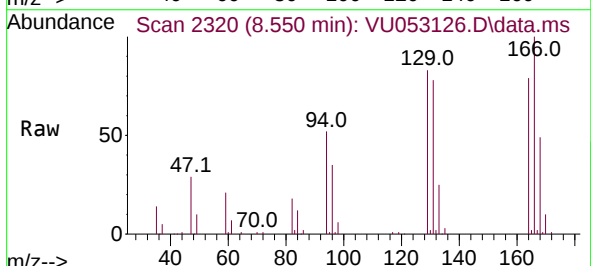
Ion	Ratio	Lower	Upper
97	100		
99	59.5	43.0	79.8
83	88.5	58.0	107.8
85	54.6	40.9	75.9

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023

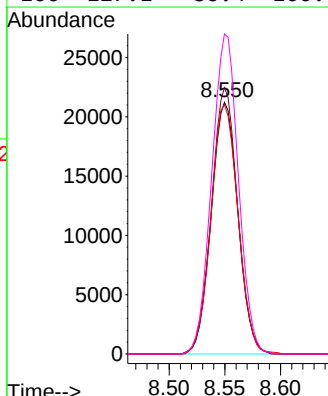
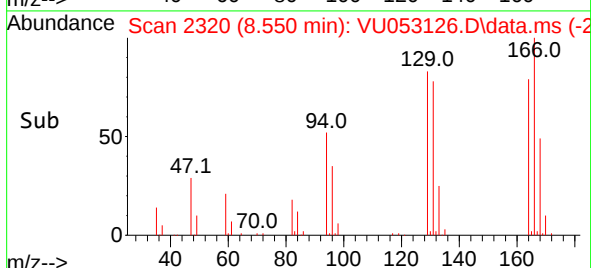


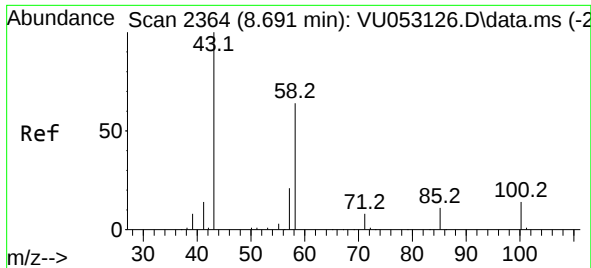
#47
Tetrachloroethene
Concen: 5.073 ug/L
RT: 8.550 min Scan# 2320
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17



Tgt Ion:164 Resp: 35589

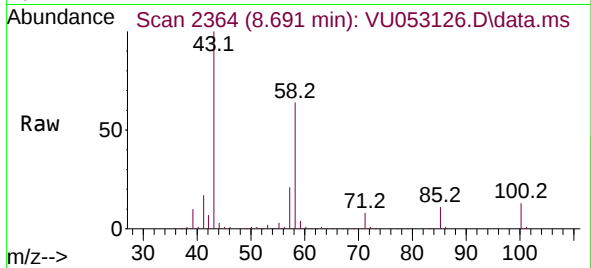
Ion	Ratio	Lower	Upper
164	100		
129	105.8	71.7	133.1
131	99.0	67.8	126.0
166	127.1	86.4	160.4





#48
2-Hexanone
Concen: 47.891 ug/L
RT: 8.691 min Scan# 2364
Delta R.T. 0.010 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

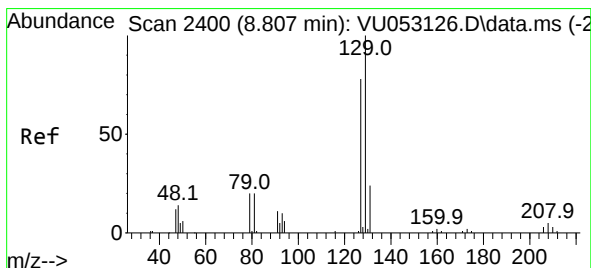
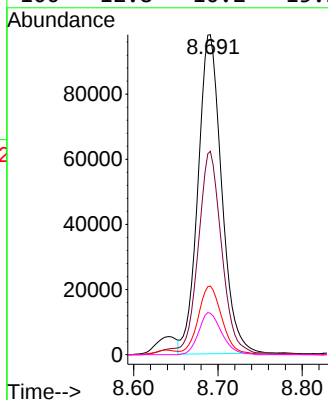
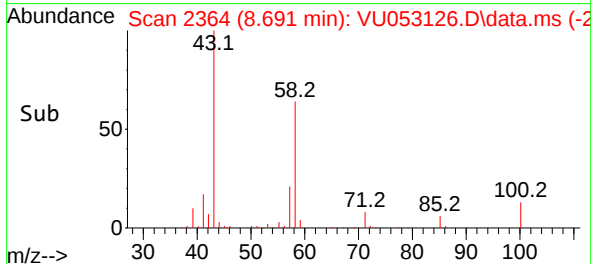
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141



Tgt Ion: 43 Resp: 19163
Ion Ratio Lower Upper
43 100
58 65.0 50.3 75.5
57 21.7 17.4 26.0
100 12.8 10.2 15.2

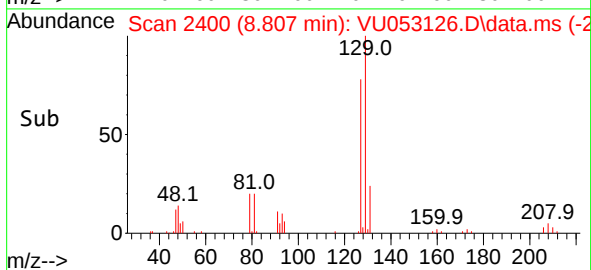
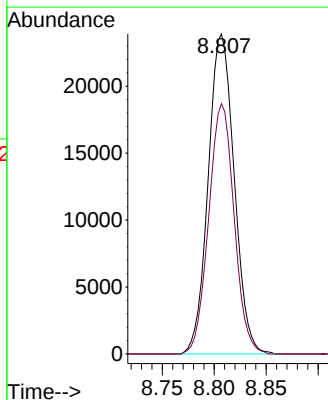
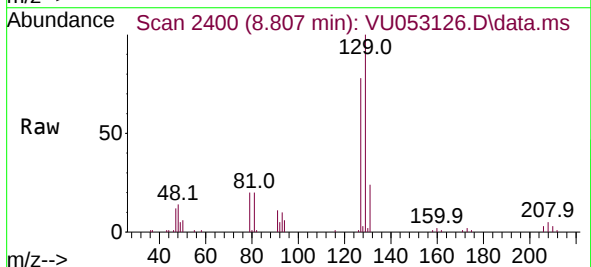
Manual Integrations
APPROVED

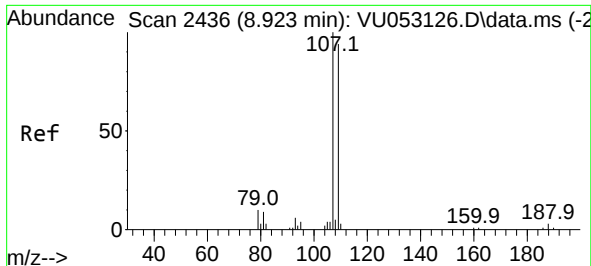
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#49
Dibromochloromethane
Concen: 5.080 ug/L
RT: 8.807 min Scan# 2400
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Tgt Ion:129 Resp: 41678
Ion Ratio Lower Upper
129 100
127 78.2 54.9 102.1





#50

1,2-Dibromoethane

Concen: 5.063 ug/L

RT: 8.923 min Scan# 2436

Delta R.T. 0.003 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005141

Tgt Ion:107 Resp: 35149

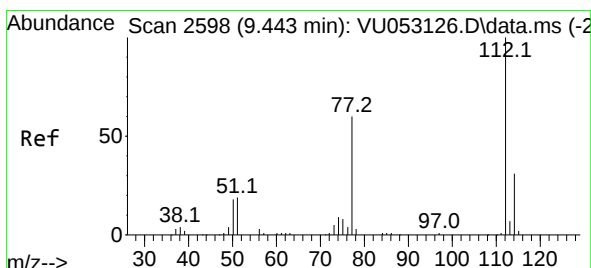
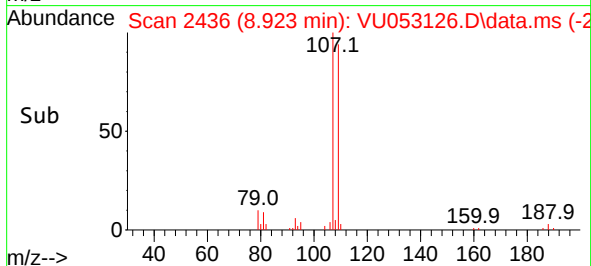
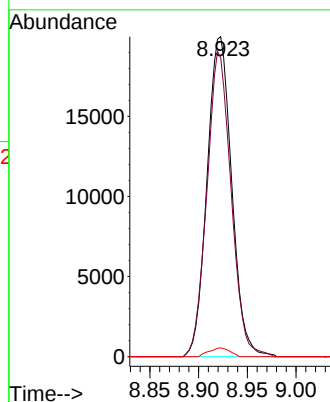
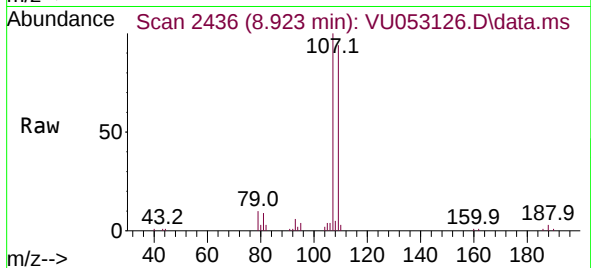
Ion	Ratio	Lower	Upper
107	100		
109	93.5	63.1	117.1
188	2.7	2.5	3.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/20/2023

Supervised By :Mahesh Dadoda 02/20/2023



#51

Chlorobenzene

Concen: 5.040 ug/L

RT: 9.443 min Scan# 2598

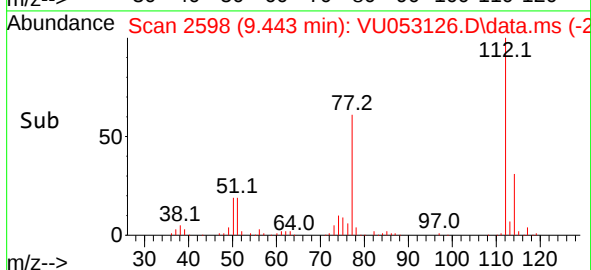
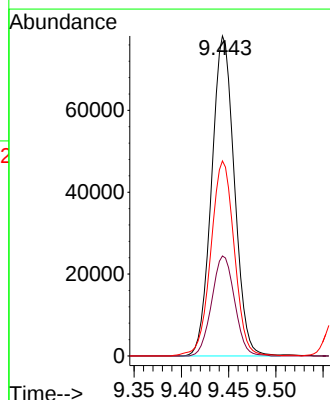
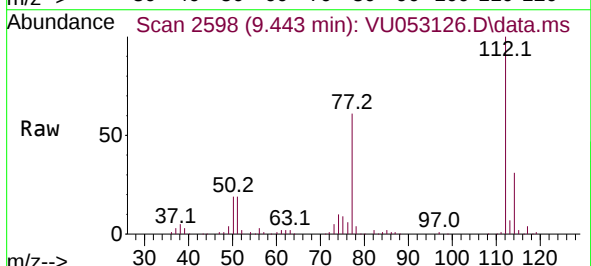
Delta R.T. -0.000 min

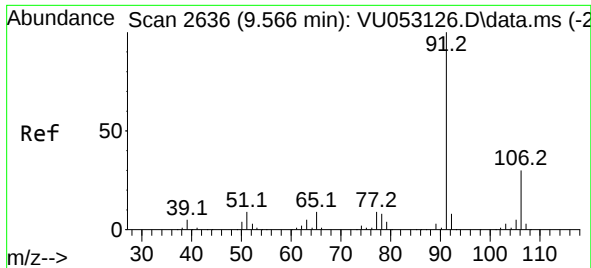
Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

Tgt Ion:112 Resp: 131007

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.3	41.3
77	61.0	48.9	73.3





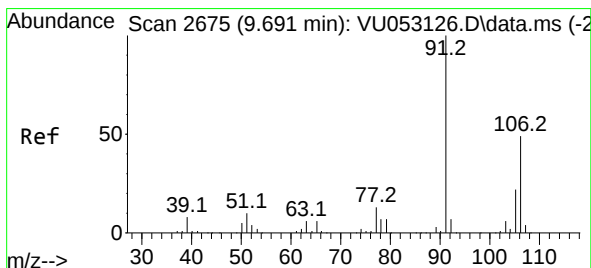
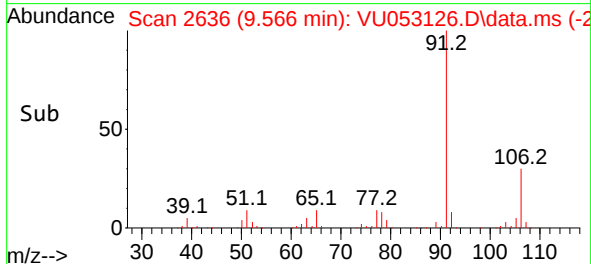
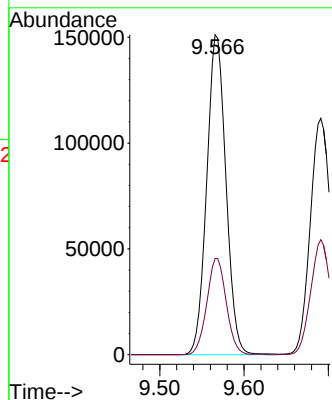
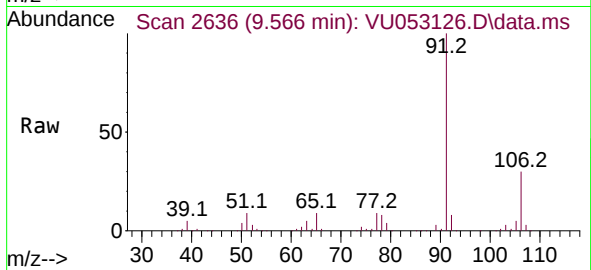
#52
Ethylbenzene
Concen: 5.070 ug/L
RT: 9.566 min Scan# 2636
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

Tgt Ion: 91 Resp: 239728
Ion Ratio Lower Upper
91 100
106 30.1 21.4 39.8

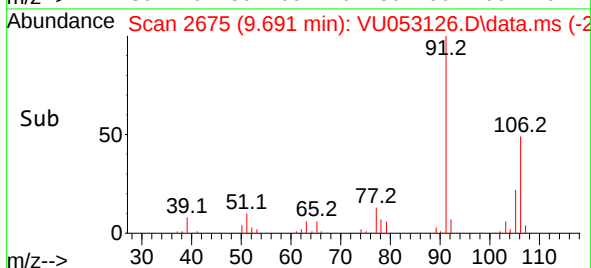
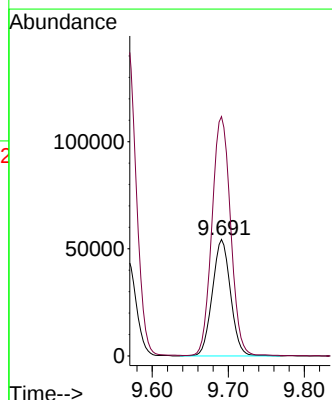
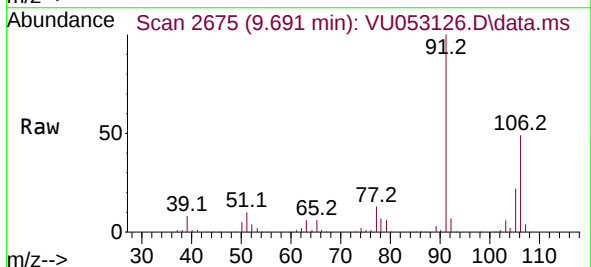
Manual Integrations
APPROVED

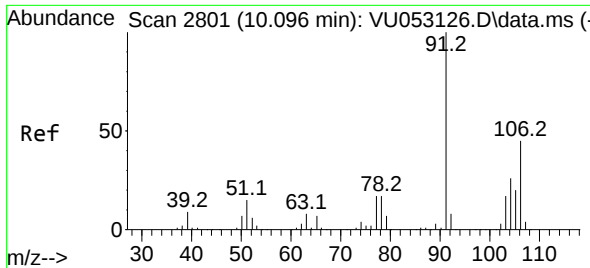
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#53
m,p-Xylene
Concen: 5.102 ug/L
RT: 9.691 min Scan# 2675
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Tgt Ion:106 Resp: 90211
Ion Ratio Lower Upper
106 100
91 205.4 149.9 278.3





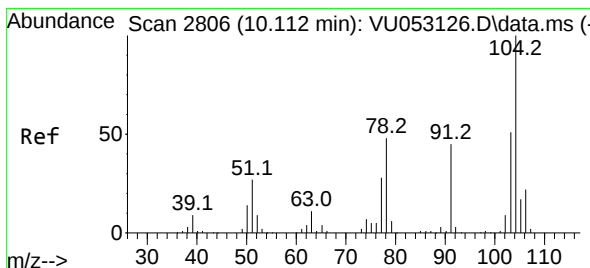
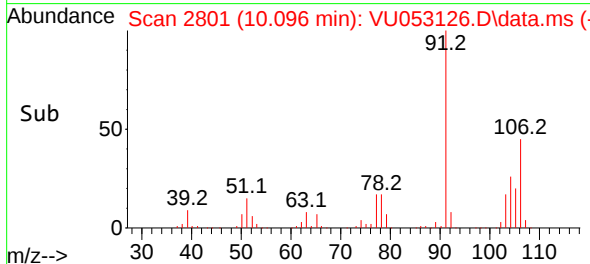
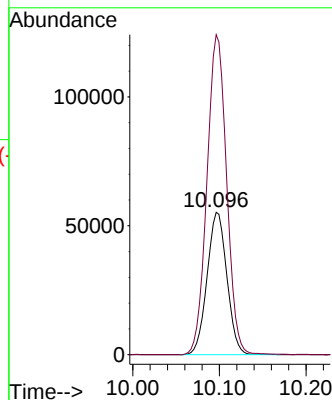
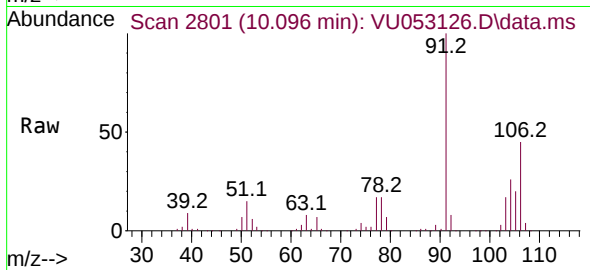
#54
o-Xylene
Concen: 5.121 ug/L
RT: 10.096 min Scan# 2801
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

Tgt Ion:106 Resp: 8777
Ion Ratio Lower Upper
106 100
91 224.7 153.6 285.2

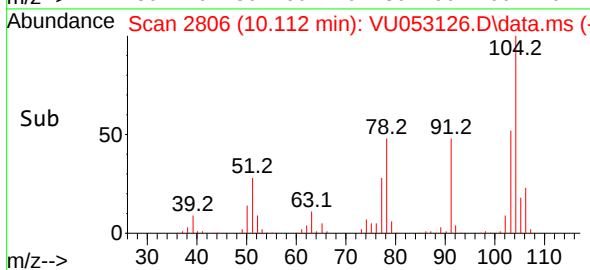
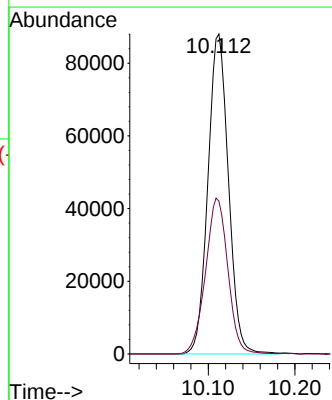
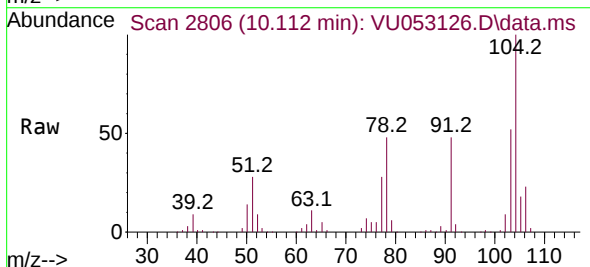
Manual Integrations
APPROVED

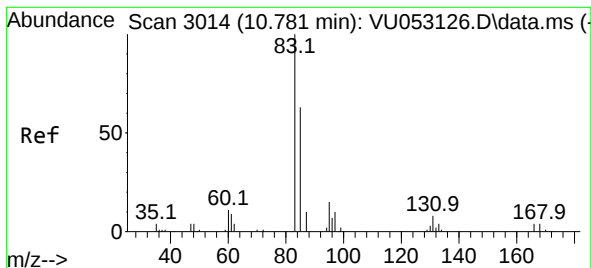
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#55
Styrene
Concen: 5.209 ug/L
RT: 10.112 min Scan# 2806
Delta R.T. 0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

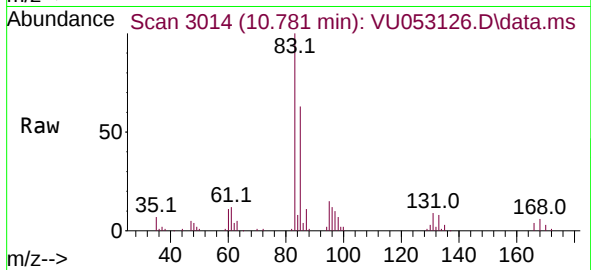
Tgt Ion:104 Resp: 144824
Ion Ratio Lower Upper
104 100
78 47.8 34.3 63.7





#57
1,1,2,2-Tetrachloroethane
Concen: 5.045 ug/L
RT: 10.781 min Scan# 3014
Delta R.T. 0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

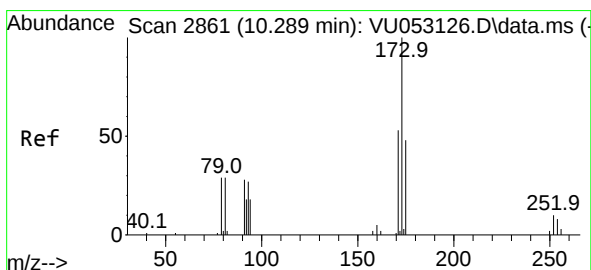
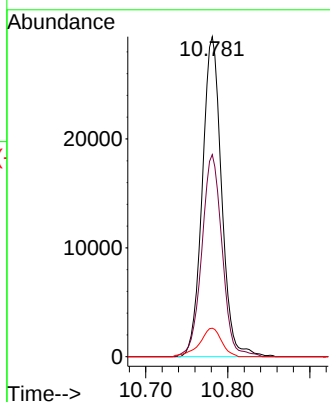
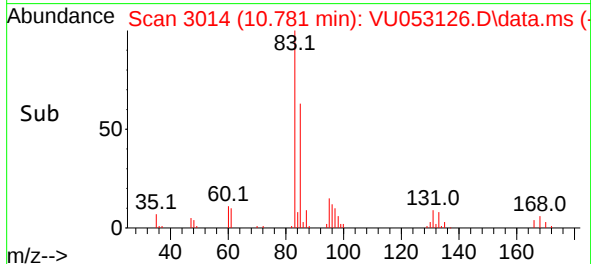
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141



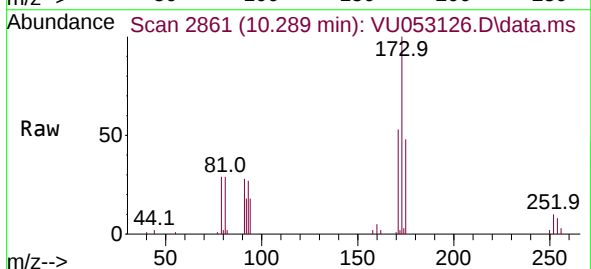
Tgt Ion: 83 Resp: 4803
Ion Ratio Lower Upper
83 100
85 63.1 44.7 82.9
131 8.9 7.8 11.6

Manual Integrations
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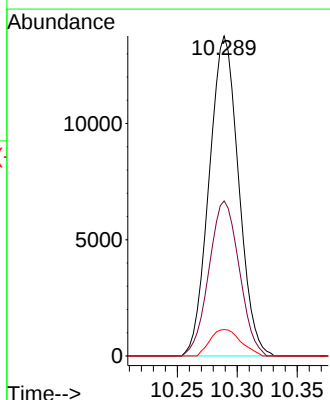
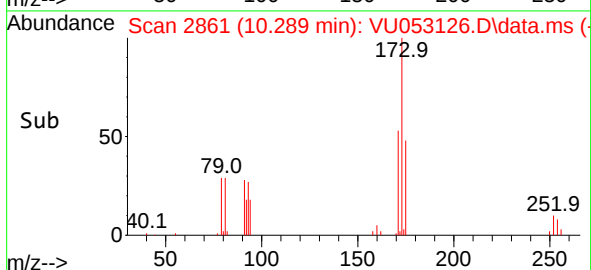
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023

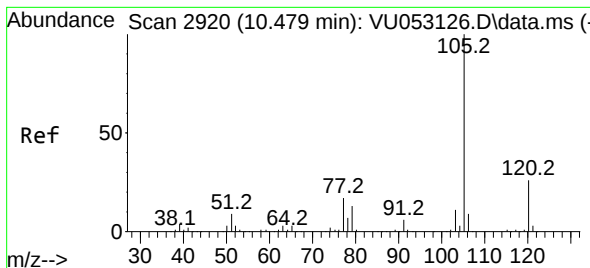


#59
Bromoform
Concen: 4.857 ug/L
RT: 10.289 min Scan# 2861
Delta R.T. 0.003 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17



Tgt Ion:173 Resp: 23451
Ion Ratio Lower Upper
173 100
175 49.9 38.9 58.3
254 8.6 7.0 10.4





#60

Isopropylbenzene

Concen: 5.011 ug/L

RT: 10.479 min Scan# 2920

Delta R.T. -0.000 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

Instrument :

MSVOA_U

ClientSampleId :

VSTD005141

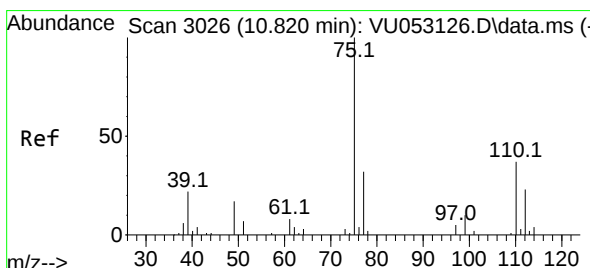
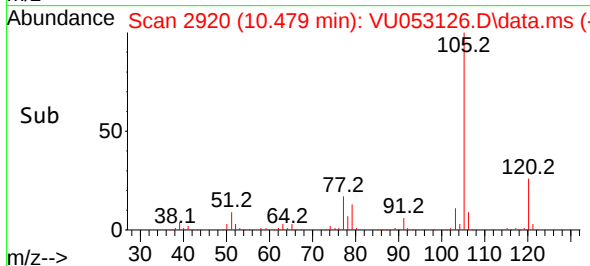
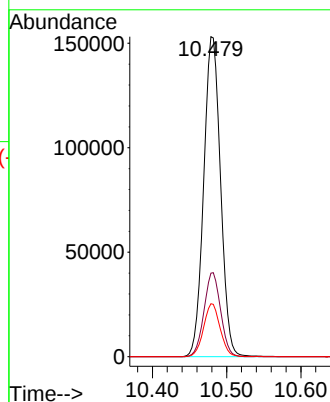
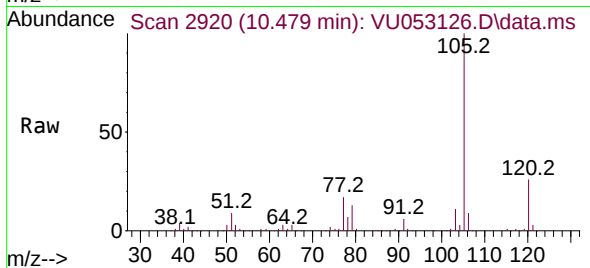
Tgt Ion:105 Resp: 24080
 Ion Ratio Lower Upper
 105 100
 120 26.0 20.6 31.0
 77 16.2 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 02/20/2023

Supervised By :Mahesh Dadoda 02/20/2023



#61

1,2,3-Trichloropropane

Concen: 5.025 ug/L

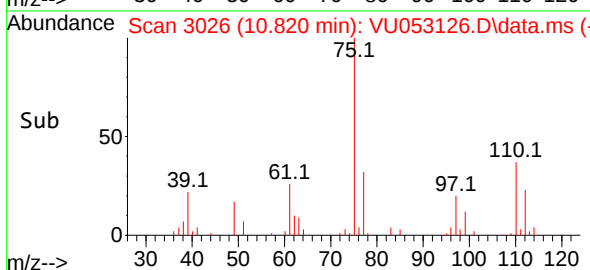
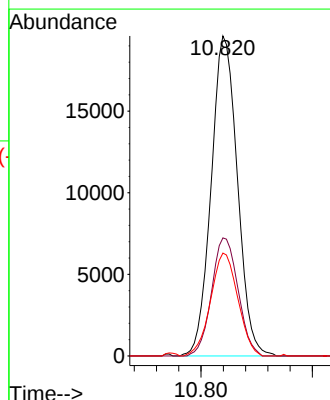
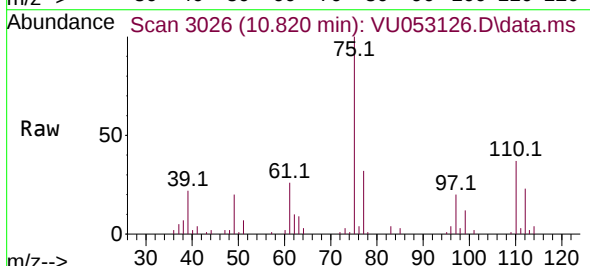
RT: 10.820 min Scan# 3026

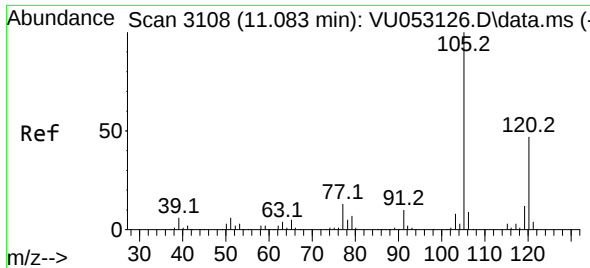
Delta R.T. 0.003 min

Lab File: VU053126.D

Acq: 18 Feb 2023 11:17

Tgt Ion: 75 Resp: 32047
 Ion Ratio Lower Upper
 75 100
 110 37.1 28.6 42.8
 77 33.3 27.6 41.4





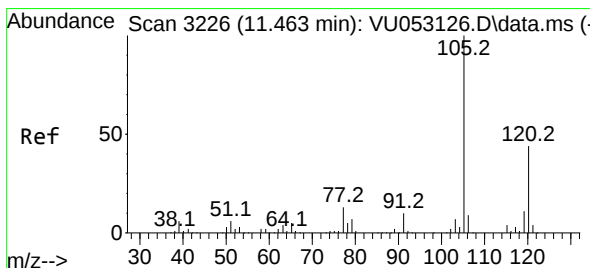
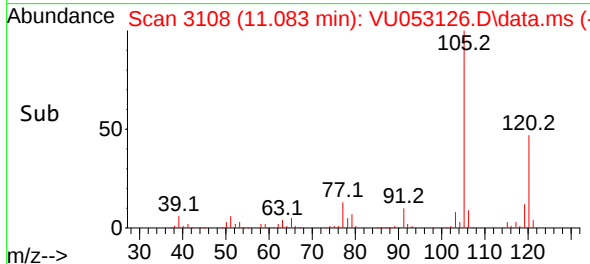
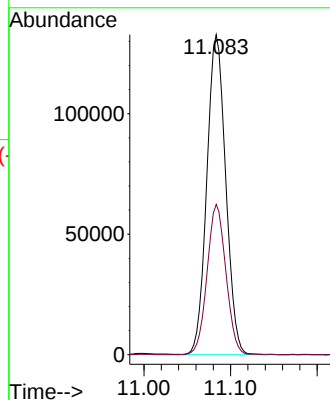
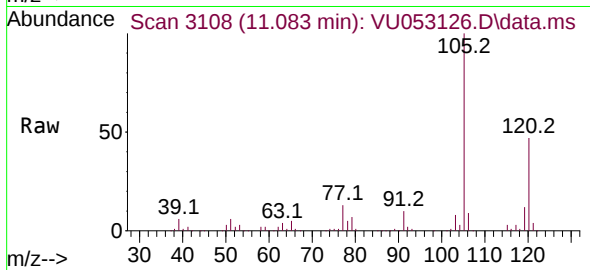
#62
1,3,5-Trimethylbenzene
Concen: 4.959 ug/L
RT: 11.083 min Scan# 3108
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

Instrument :
MSVOA_U
ClientSampleId :
VSTD005141

Tgt Ion:105 Resp: 201244
Ion Ratio Lower Upper
105 100
120 46.7 37.0 55.6

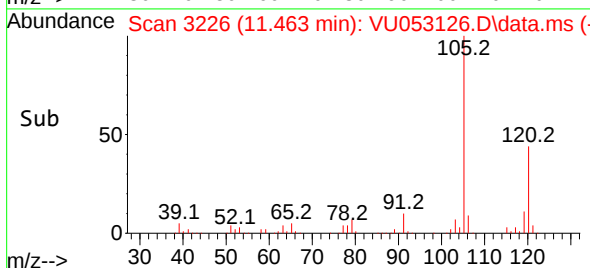
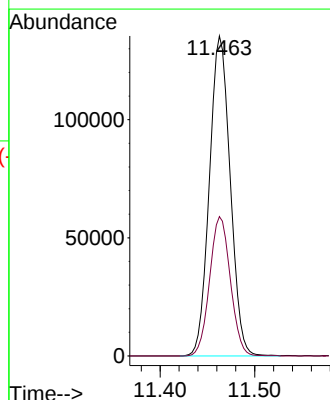
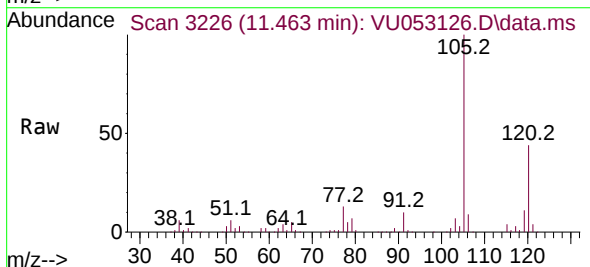
Manual Integrations
APPROVED

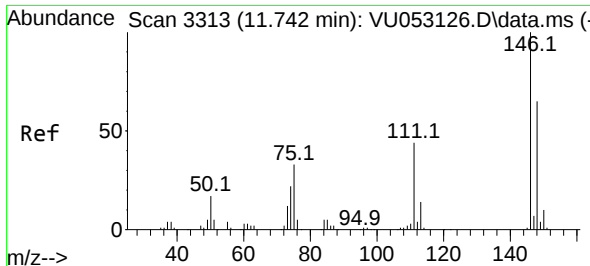
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#63
1,2,4-Trimethylbenzene
Concen: 5.098 ug/L
RT: 11.463 min Scan# 3226
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

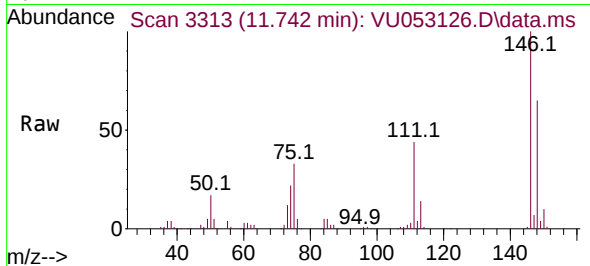
Tgt Ion:105 Resp: 207066
Ion Ratio Lower Upper
105 100
120 43.4 34.7 52.1





#64
1,3-Dichlorobenzene
Concen: 5.122 ug/L
RT: 11.742 min Scan# 3313
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

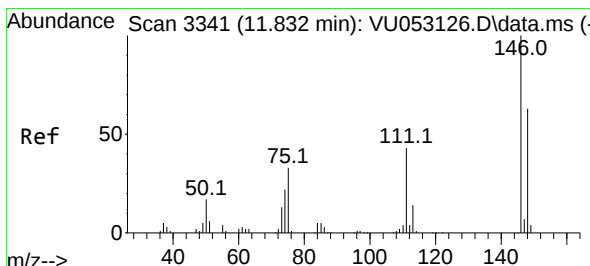
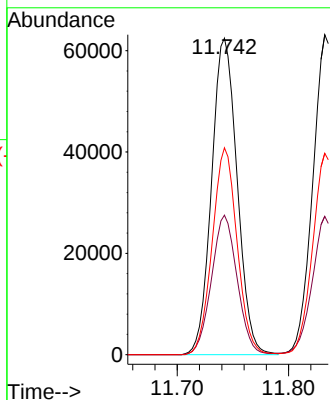
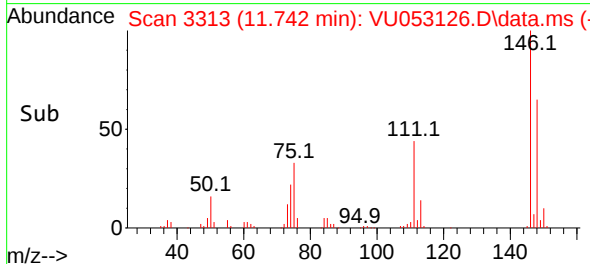
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141



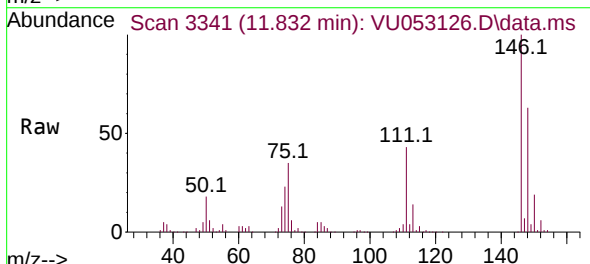
Tgt Ion:146 Resp: 99680
Ion Ratio Lower Upper
146 100
111 44.1 32.0 59.4
148 65.4 45.3 84.1

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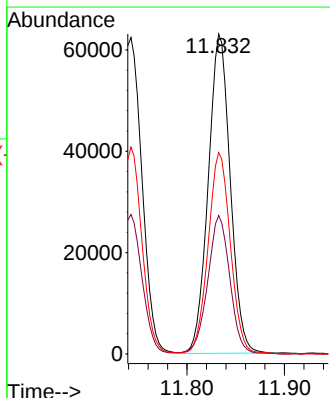
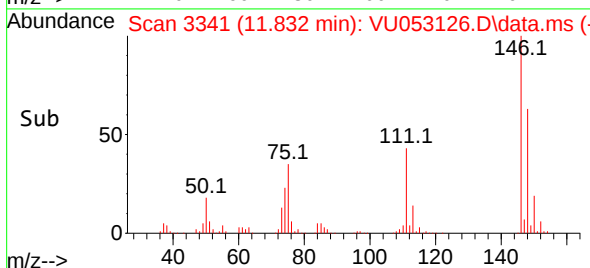
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023

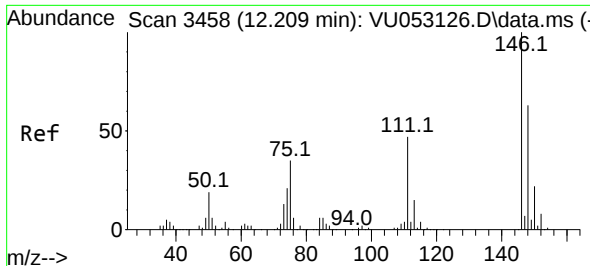


#65
1,4-Dichlorobenzene
Concen: 5.079 ug/L
RT: 11.832 min Scan# 3341
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17



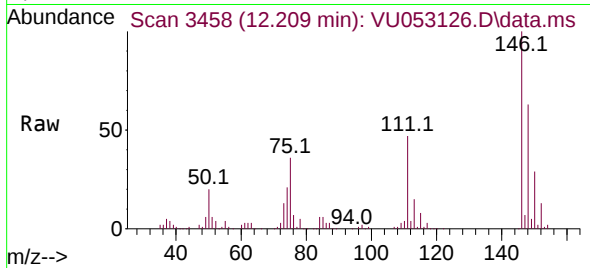
Tgt Ion:146 Resp: 99032
Ion Ratio Lower Upper
146 100
111 43.2 30.3 56.3
148 63.0 44.7 82.9





#67
1,2-Dichlorobenzene
Concen: 5.219 ug/L
RT: 12.209 min Scan# 3458
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

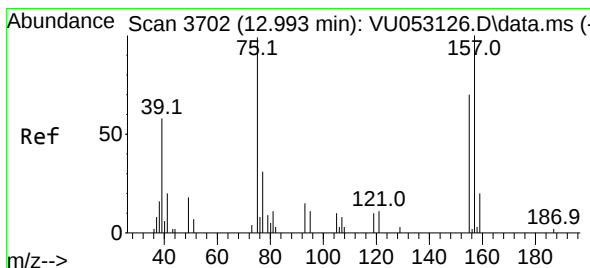
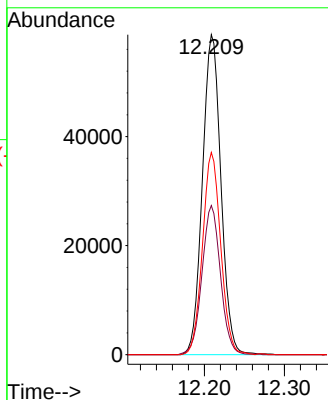
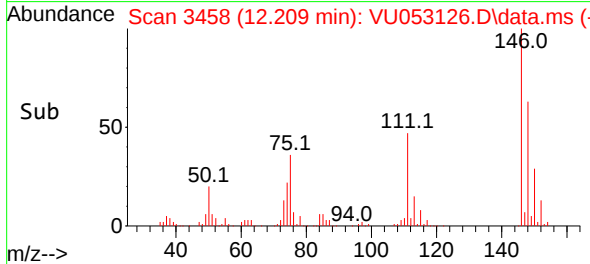
Instrument : MSVOA_U
ClientSampleId : VSTD005141



Tgt Ion:146 Resp: 94700
Ion Ratio Lower Upper
146 100
111 46.6 36.3 54.5
148 63.2 51.3 76.9

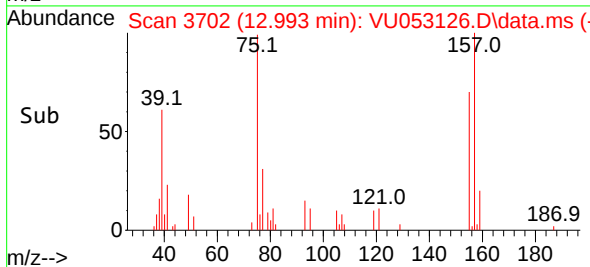
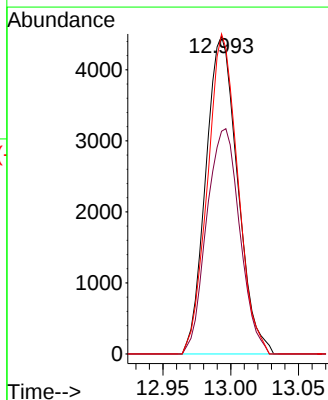
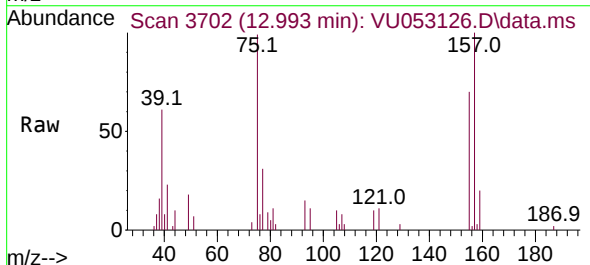
Manual Integrations
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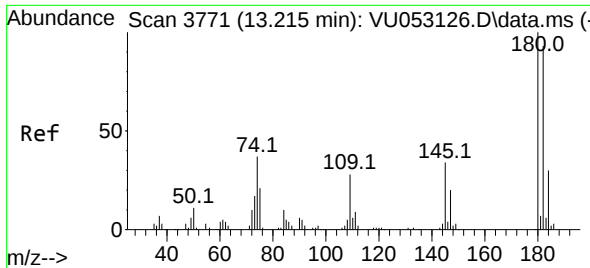
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#68
1,2-Dibromo-3-chloropropane
Concen: 4.867 ug/L
RT: 12.993 min Scan# 3702
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

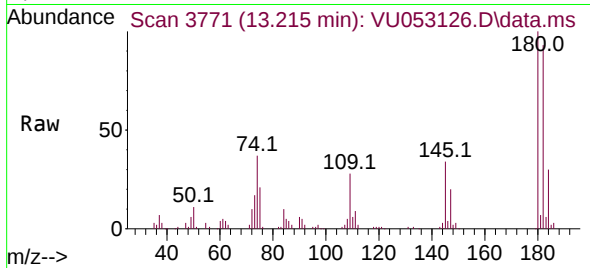
Tgt Ion: 75 Resp: 7296
Ion Ratio Lower Upper
75 100
155 70.1 59.8 89.8
157 100.7 73.2 109.8





#69
1,3,5-Trichlorobenzene
Concen: 4.948 ug/L
RT: 13.215 min Scan# 3771
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

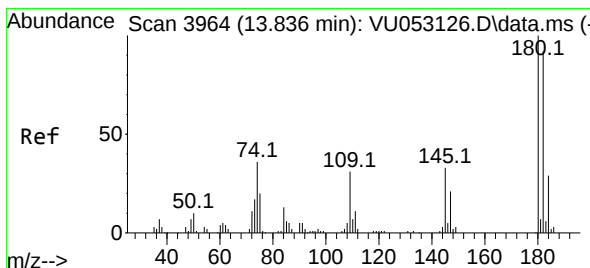
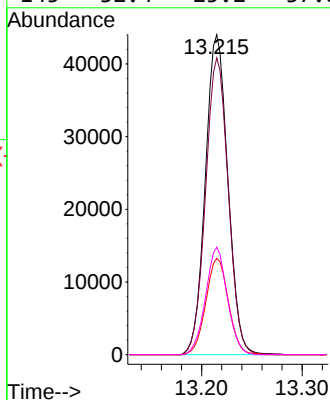
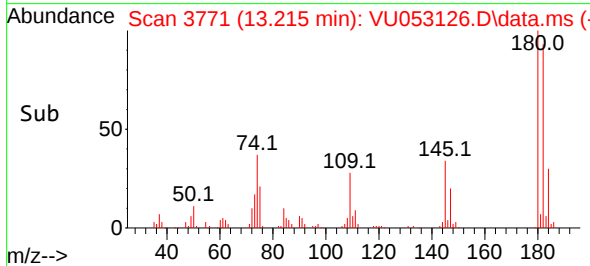
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141



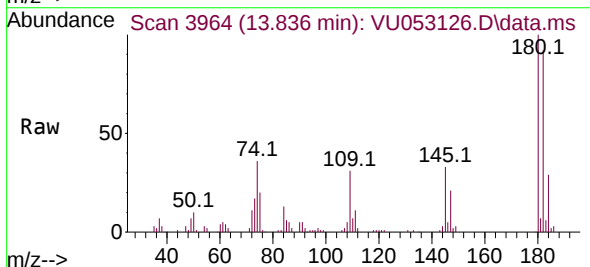
Tgt Ion:180 Resp: 68597
Ion Ratio Lower Upper
180 100
182 93.5 75.4 113.0
184 30.1 23.8 35.6
145 32.4 25.2 37.8

Manual Integrations
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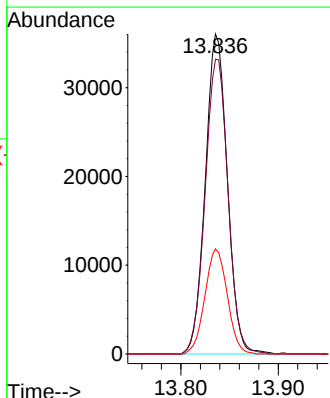
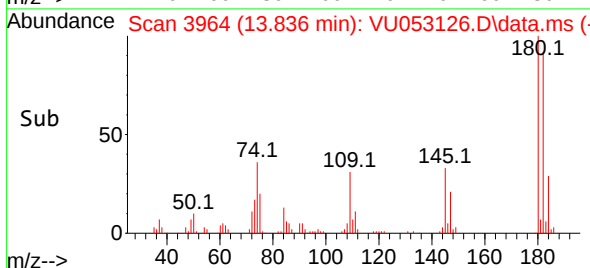
Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023

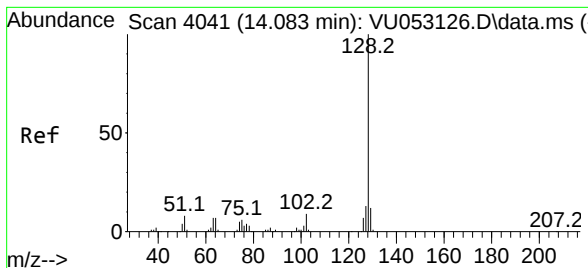


#70
1,2,4-trichlorobenzene
Concen: 4.924 ug/L
RT: 13.836 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17



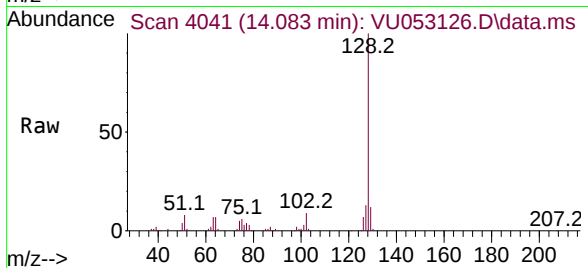
Tgt Ion:180 Resp: 56664
Ion Ratio Lower Upper
180 100
182 95.6 74.9 112.3
145 33.4 25.1 37.7





#71
Naphthalene
Concen: 4.976 ug/L
RT: 14.083 min Scan# 4041
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17

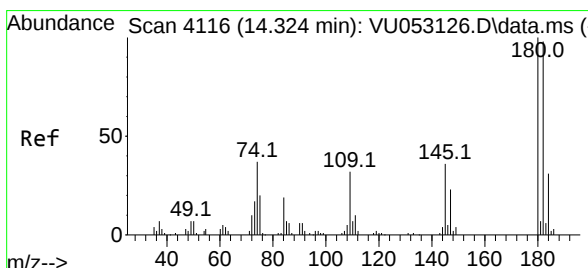
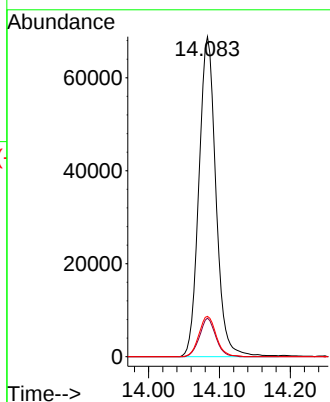
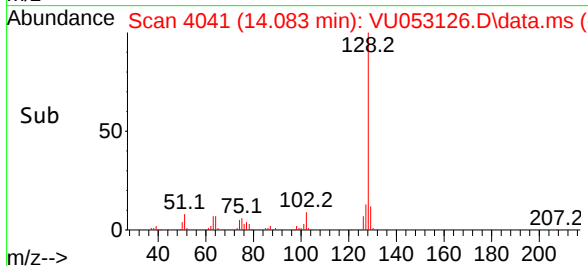
Instrument :
MSVOA_U
ClientSampleId :
VSTD005141



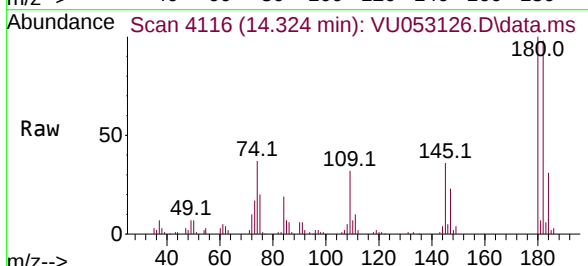
Tgt Ion:128 Resp: 114840
Ion Ratio Lower Upper
128 100
129 11.4 8.8 13.2
127 12.8 10.2 15.4

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/20/2023
Supervised By :Mahesh Dadoda 02/20/2023



#72
1,2,3-Trichlorobenzene
Concen: 4.817 ug/L
RT: 14.324 min Scan# 4116
Delta R.T. -0.000 min
Lab File: VU053126.D
Acq: 18 Feb 2023 11:17



Tgt Ion:180 Resp: 48921
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.4
145 35.6 28.2 42.2

