

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060922\
 Data File : VW026076.D
 Acq On : 10 Jun 2022 00:32
 Operator : SY/MD
 Sample : N3272-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B57

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/10/2022
 Supervised By :Mahesh Dadoda 06/13/2022

Quant Time: Jun 10 05:45:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.645	114	168128m	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.863	117	168928	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73796	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	34220	3.467	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.584	69	43111	4.178	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.600%
11) 1,1-Dichloroethene-d2	2.127	63	61055	2.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.600%#
20) 2-Butanone-d5	3.931	46	105319	72.151	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.300%#
24) Chloroform-d	4.371	84	109728	5.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
26) 1,2-Dichloroethane-d4	5.060	65	46500	5.450	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.000%
32) Benzene-d6	5.092	84	179141	4.389	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.201	67	61177	4.844	ug/L	0.12
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.336	98	145805	4.042	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.645	79	17010	4.575	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.400%
46) 2-Hexanone-d5	8.101	63	106568	65.132	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.260%#
56) 1,1,2,2-Tetrachloroeth...	10.220	84	48797	5.731	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	56232	4.981	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
5) Vinyl chloride	1.327	62	4434	0.229	ug/L #	82
9) Trichlorofluoromethane	1.764	101	15089990m	611.813	ug/L	
12) 1,1-Dichloroethene	2.137	96	13678	1.011	ug/L #	56
14) Carbon disulfide	2.314	76	14780	0.383	ug/L	98
16) Methylene chloride	2.526	84	24921	1.849	ug/L	93
18) trans-1,2-Dichloroethene	2.780	96	103786	8.138	ug/L	97
19) 1,1-Dichloroethane	3.214	63	26751	1.153	ug/L	98
22) cis-1,2-Dichloroethene	3.931	96	519426	41.321	ug/L	98
25) Chloroform	4.397	83	232560	9.766	ug/L	100
27) 1,2-Dichloroethane	5.162	62	30477	2.589	ug/L	100
29) 1,1,1-Trichloroethane	4.645	97	33882	1.528	ug/L	99
31) Carbon tetrachloride	4.860	117	542477	29.800	ug/L	98
34) Trichloroethene	5.921	95	130580646m	9414.910	ug/L	
38) Bromodichloromethane	6.551	83	27796	1.788	ug/L	97
42) Toluene	7.416	91	25858	0.466	ug/L	91
45) 1,1,2-Trichloroethane	7.854	97	88330	10.572	ug/L	98
47) Tetrachloroethene	8.005	164	16964813	1580.196	ug/L	89
51) Chlorobenzene	8.892	112	110161	3.051	ug/L	99
52) Ethylbenzene	9.030	91	3368	0.058	ug/L	95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060922\
 Data File : VV026076.D
 Acq On : 10 Jun 2022 00:32
 Operator : SY/MD
 Sample : N3272-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B57

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/10/2022
 Supervised By :Mahesh Dadoda 06/13/2022

Quant Time: Jun 10 05:45:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jun 10 05:25:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	9.558	106	1245	0.058	ug/L	# 46
70) 1,2,4-trichlorobenzene	13.265	180	1476	0.117	ug/L	95

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

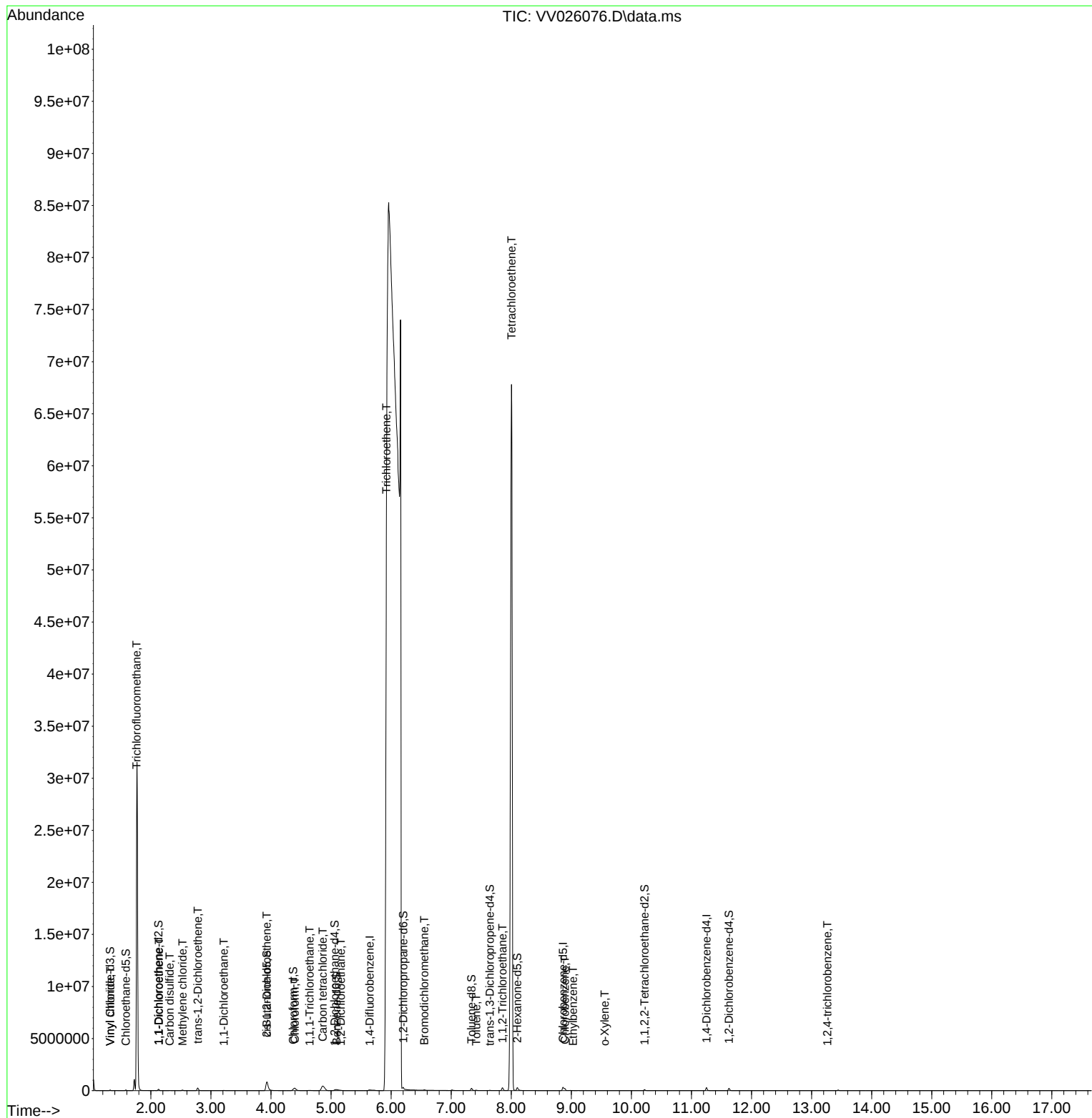
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV060922\
Data File : VV026076.D
Acq On : 10 Jun 2022 00:32
Operator : SY/MD
Sample : N3272-13
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

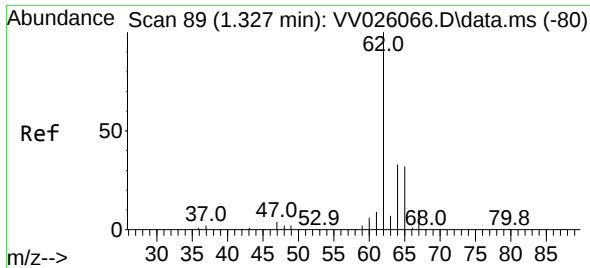
Instrument :
MSVOA_V
ClientSampleId :
C0B57

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 06/10/2022
Supervised By :Mahesh Dadoda 06/13/2022

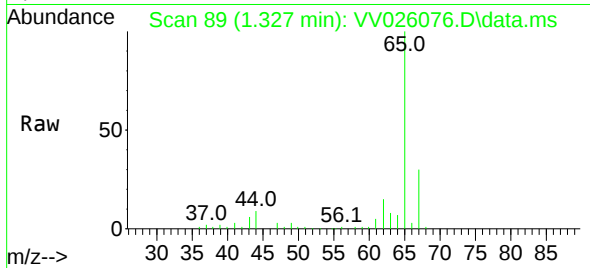
Quant Time: Jun 10 05:45:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 10 05:25:55 2022
Response via : Initial Calibration





#5
 Vinyl chloride
 Concen: 0.229 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. 0.000 min
 Lab File: VV026076.D
 Acq: 10 Jun 2022 00:32

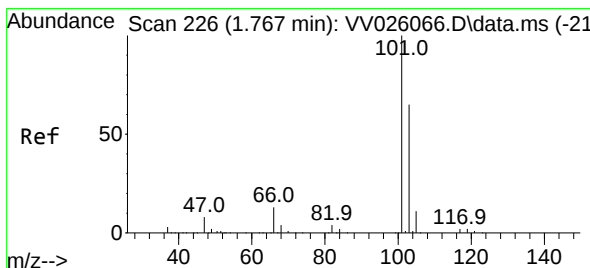
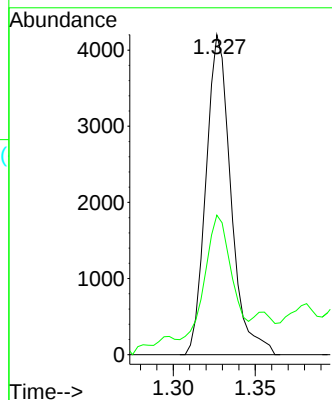
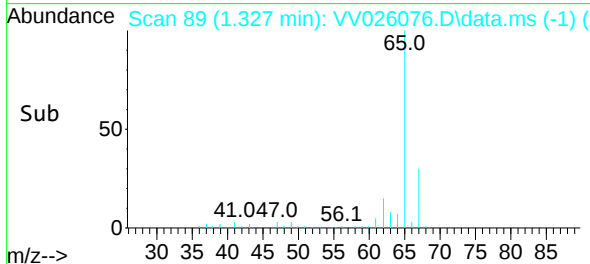
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B57



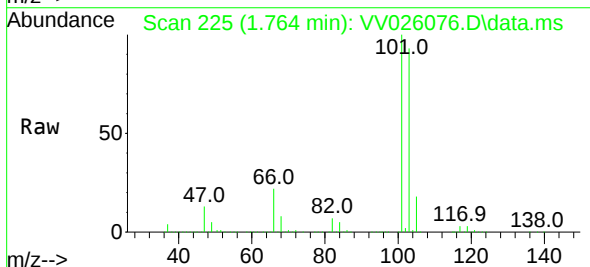
Tgt Ion: 62 Resp: 4434
 Ion Ratio Lower Upper
 62 100
 64 43.6 23.4 43.4

Manual Integrations
 APPROVED

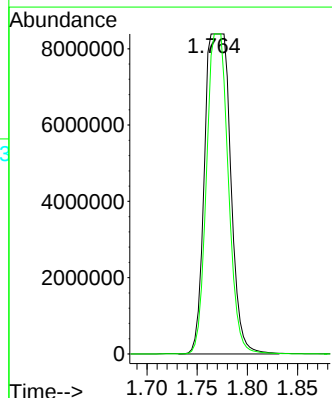
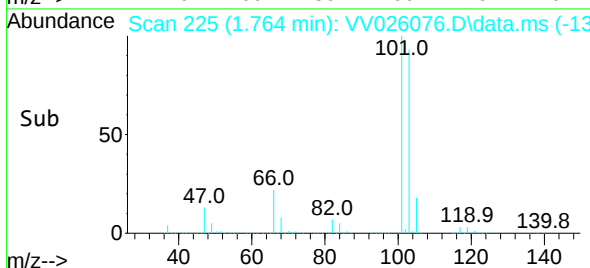
Reviewed By :Krupa Patel 06/10/2022
 Supervised By :Mahesh Dadoda 06/13/2022

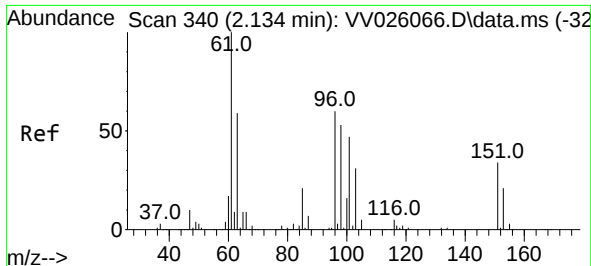


#9
 Trichlorofluoromethane
 Concen: 611.813 ug/L m
 RT: 1.764 min Scan# 225
 Delta R.T. -0.003 min
 Lab File: VV026076.D
 Acq: 10 Jun 2022 00:32



Tgt Ion:101 Resp:15089990
 Ion Ratio Lower Upper
 101 100
 103 0.0 52.6 78.8





#12

1,1-Dichloroethene

Concen: 1.011 ug/L

RT: 2.137 min Scan# 341

Delta R.T. 0.003 min

Lab File: VV026076.D

Acq: 10 Jun 2022 00:32

Instrument :

MSVOA_V

ClientSampleId :

C0B57

Tgt Ion: 96 Resp: 13678

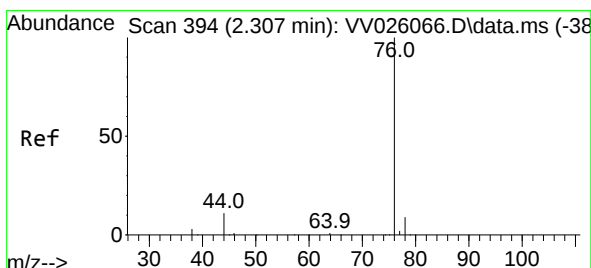
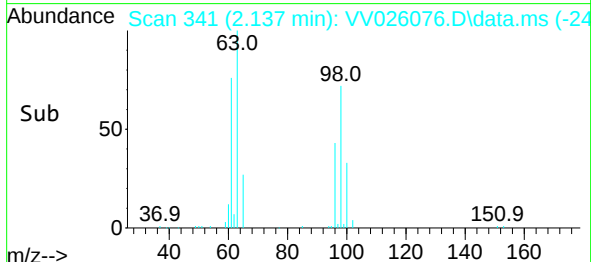
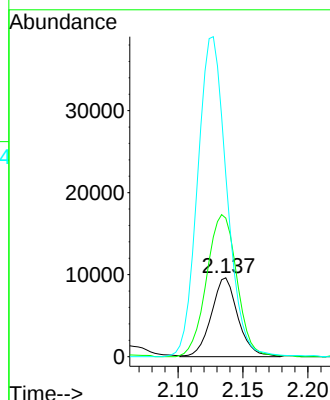
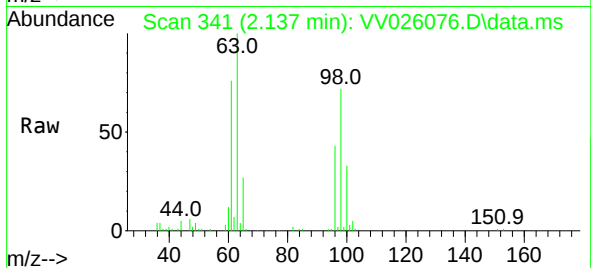
Ion	Ratio	Lower	Upper
96	100		
61	175.8	122.6	227.6
63	230.6	78.5	145.9

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/10/2022

Supervised By :Mahesh Dadoda 06/13/2022



#14

Carbon disulfide

Concen: 0.383 ug/L

RT: 2.314 min Scan# 396

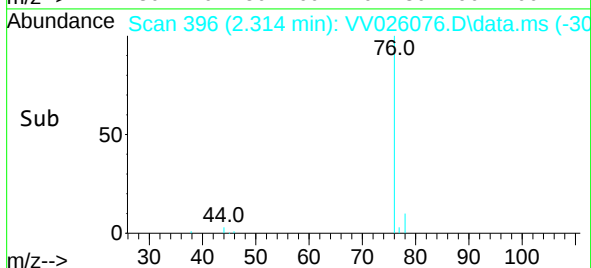
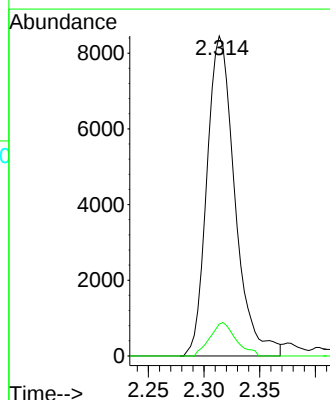
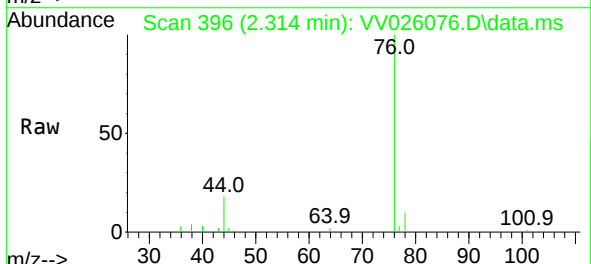
Delta R.T. 0.006 min

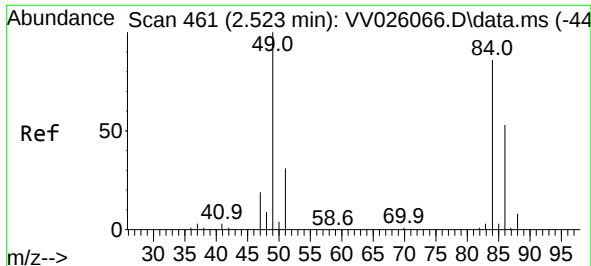
Lab File: VV026076.D

Acq: 10 Jun 2022 00:32

Tgt Ion: 76 Resp: 14780

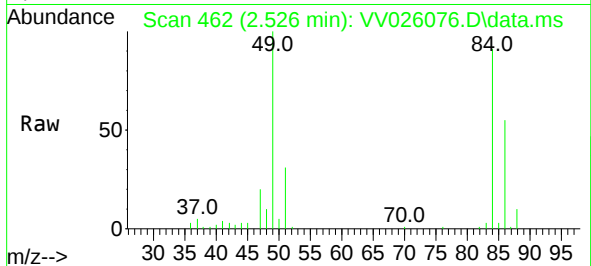
Ion	Ratio	Lower	Upper
76	100		
78	10.0	7.4	11.0





#16
Methylene chloride
Concen: 1.849 ug/L
RT: 2.526 min Scan# 461
Delta R.T. 0.003 min
Lab File: VV026076.D
Acq: 10 Jun 2022 00:32

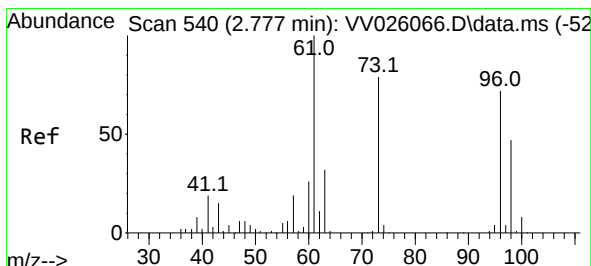
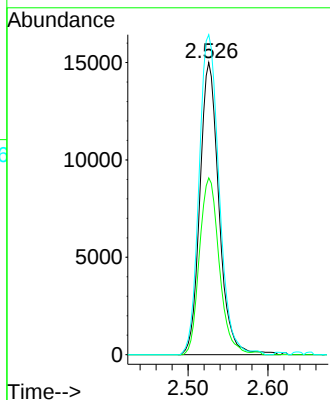
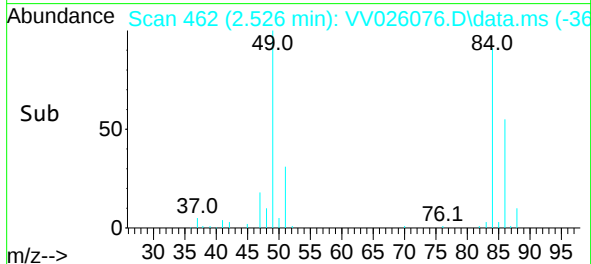
Instrument :
MSVOA_V
ClientSampleId :
C0B57



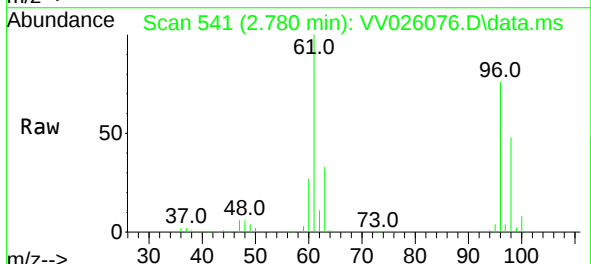
Tgt Ion: 84 Resp: 2492
Ion Ratio Lower Upper
84 100
86 60.5 45.6 84.6
49 109.5 82.9 153.9

Manual Integrations
APPROVED

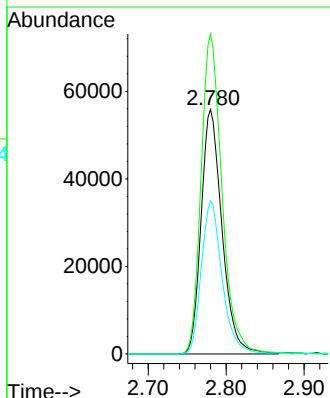
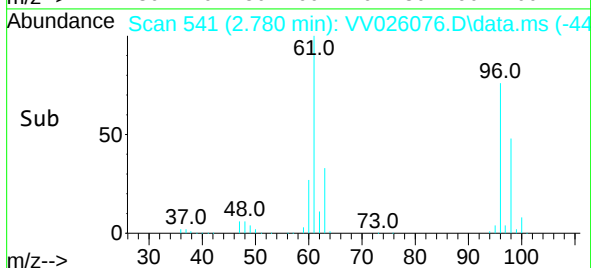
Reviewed By :Krupa Patel 06/10/2022
Supervised By :Mahesh Dadoda 06/13/2022

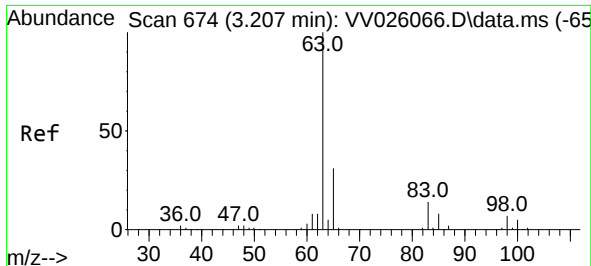


#18
trans-1,2-Dichloroethene
Concen: 8.138 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026076.D
Acq: 10 Jun 2022 00:32



Tgt Ion: 96 Resp: 103786
Ion Ratio Lower Upper
96 100
61 130.8 94.3 175.1
98 62.5 44.4 82.5





#19

1,1-Dichloroethane

Concen: 1.153 ug/L

RT: 3.214 min Scan# 61

Delta R.T. 0.006 min

Lab File: VV026076.D

Acq: 10 Jun 2022 00:32

Instrument :

MSVOA_V

ClientSampleId :

C0B57

Tgt Ion: 63 Resp: 2675

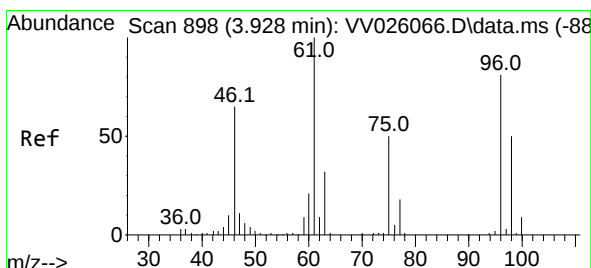
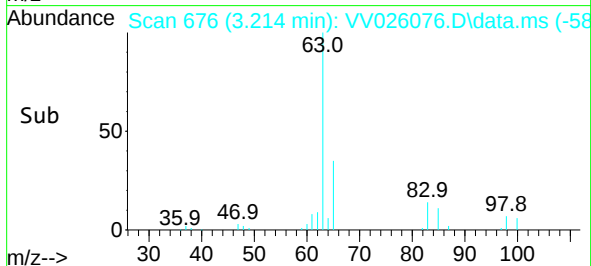
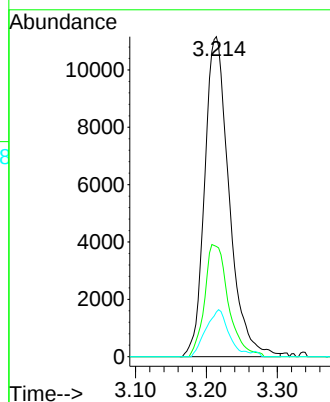
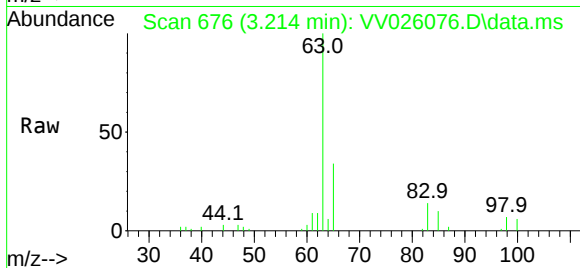
Ion	Ratio	Lower	Upper
63	100		
65	34.5	23.1	42.9
83	13.9	9.7	18.1

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/10/2022

Supervised By :Mahesh Dadoda 06/13/2022



#22

cis-1,2-Dichloroethene

Concen: 41.321 ug/L

RT: 3.931 min Scan# 899

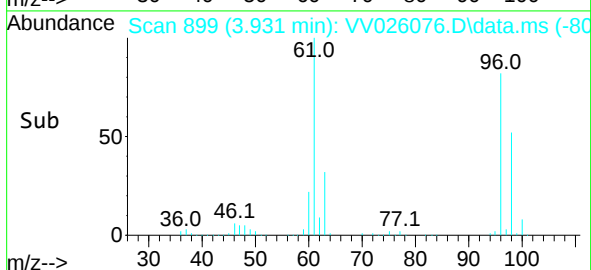
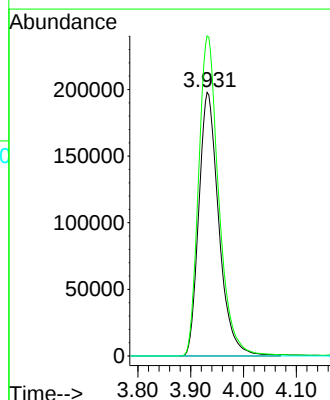
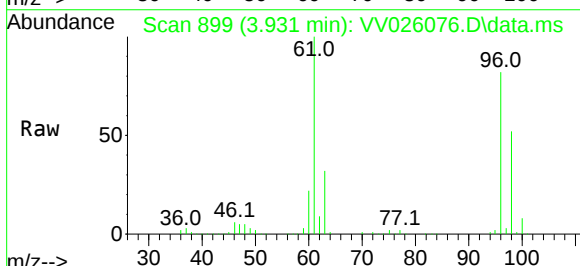
Delta R.T. 0.003 min

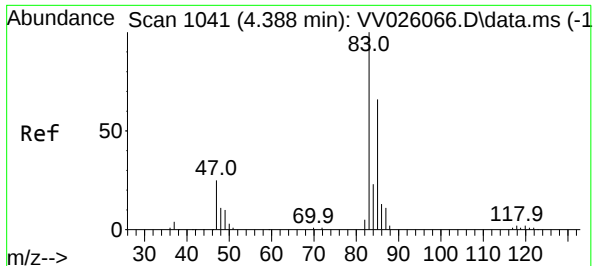
Lab File: VV026076.D

Acq: 10 Jun 2022 00:32

Tgt Ion: 96 Resp: 519426

Ion	Ratio	Lower	Upper
96	100		
61	121.4	83.1	154.3
68	0.0	0.0	0.0





#25

Chloroform

Concen: 9.766 ug/L

RT: 4.397 min Scan# 1041

Delta R.T. 0.010 min

Lab File: VV026076.D

Acq: 10 Jun 2022 00:32

Instrument :

MSVOA_V

ClientSampleId :

C0B57

Tgt Ion: 83 Resp: 232560

Ion Ratio Lower Upper

83 100

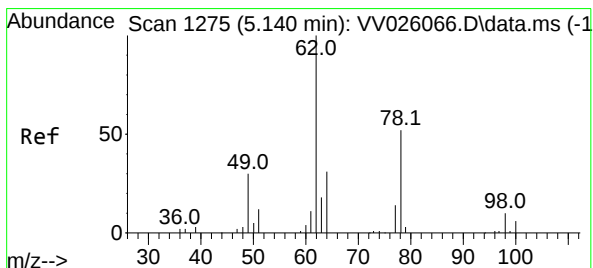
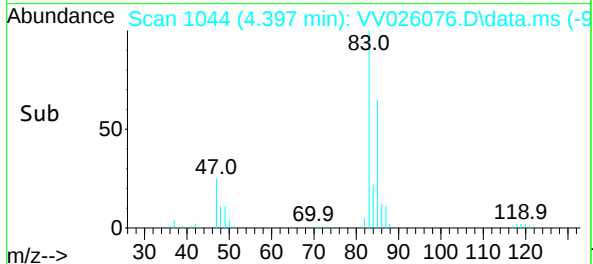
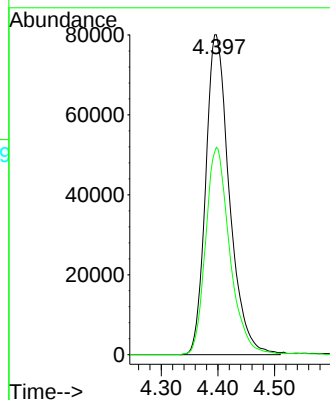
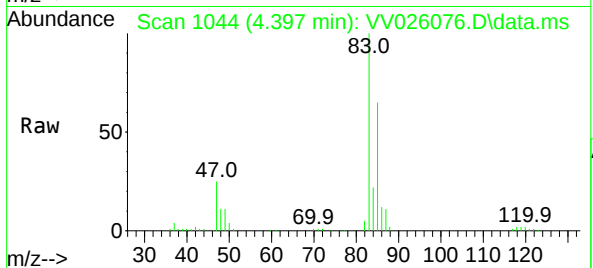
85 64.8 45.2 84.0

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/10/2022

Supervised By :Mahesh Dadoda 06/13/2022



#27

1,2-Dichloroethane

Concen: 2.589 ug/L

RT: 5.162 min Scan# 1282

Delta R.T. 0.023 min

Lab File: VV026076.D

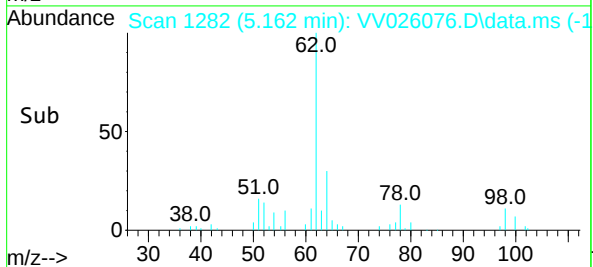
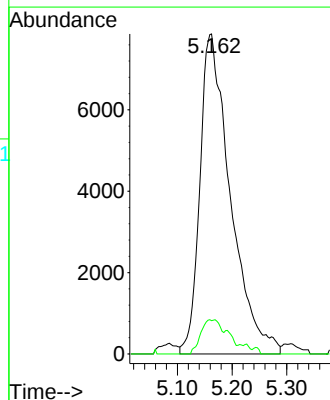
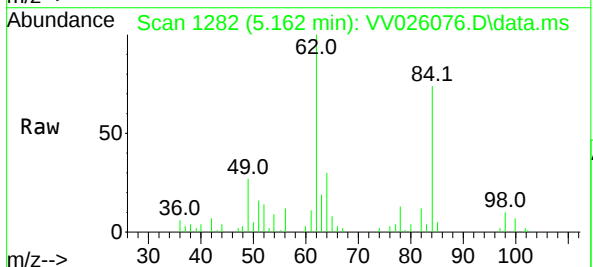
Acq: 10 Jun 2022 00:32

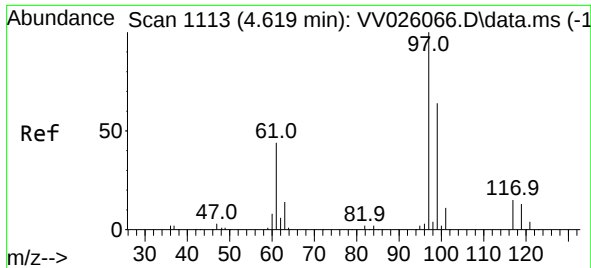
Tgt Ion: 62 Resp: 30477

Ion Ratio Lower Upper

62 100

98 10.4 8.5 12.7





#29

1,1,1-Trichloroethane

Concen: 1.528 ug/L

RT: 4.645 min Scan# 1113

Delta R.T. 0.026 min

Lab File: VV026076.D

Acq: 10 Jun 2022 00:32

Instrument :

MSVOA_V

ClientSampleId :

C0B57

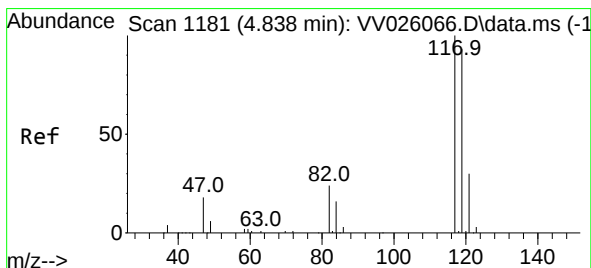
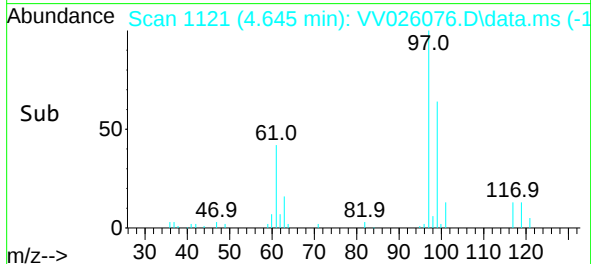
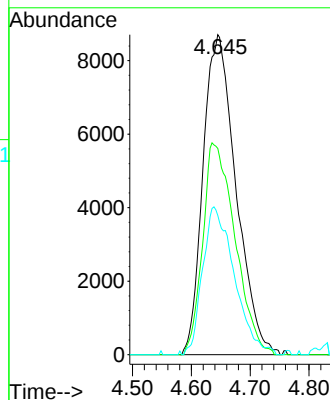
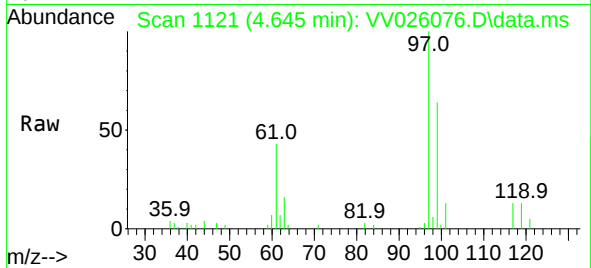
Tgt Ion: 97	Resp: 3388
Ion Ratio	Lower Upper
97 100	
99 65.0	51.4 77.0
61 44.0	34.9 52.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 06/10/2022

Supervised By :Mahesh Dadoda 06/13/2022



#31

Carbon tetrachloride

Concen: 29.800 ug/L

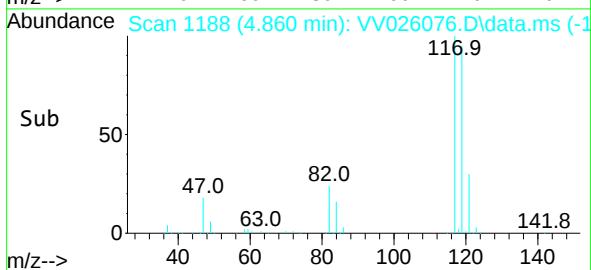
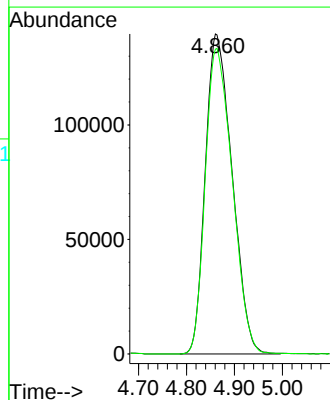
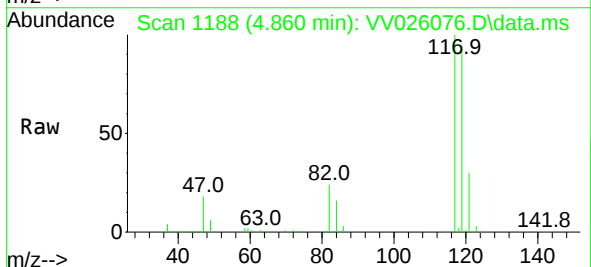
RT: 4.860 min Scan# 1188

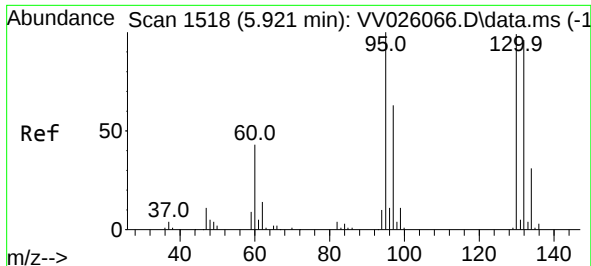
Delta R.T. 0.023 min

Lab File: VV026076.D

Acq: 10 Jun 2022 00:32

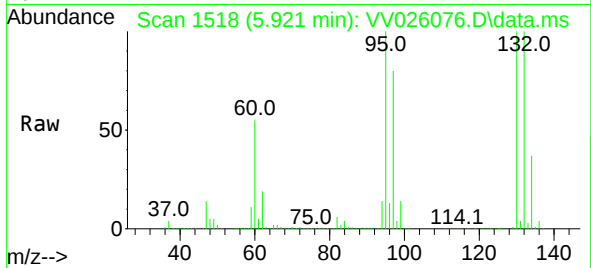
Tgt Ion:117	Resp: 542477
Ion Ratio	Lower Upper
117 100	
119 96.5	78.7 118.1





#34
Trichloroethene
Concen: 9414.910 ug/L m
RT: 5.921 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV026076.D
Acq: 10 Jun 2022 00:32

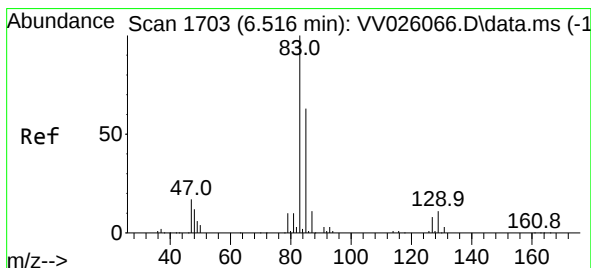
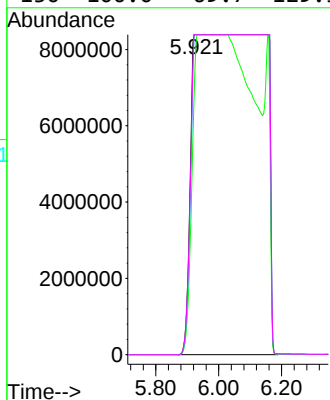
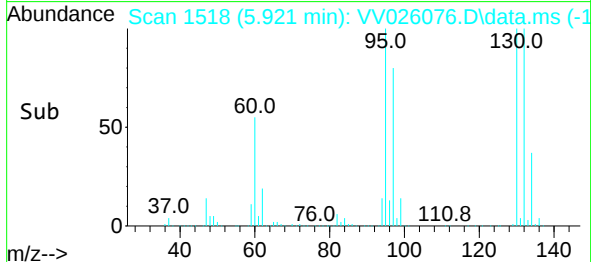
Instrument :
MSVOA_V
ClientSampleId :
C0B57



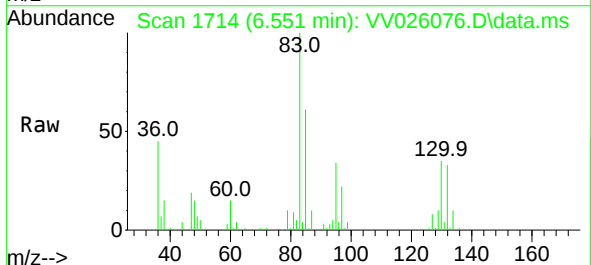
Tgt Ion: 95 Resp:1305806
Ion Ratio Lower Upper
95 100
97 79.7 44.0 81.6
132 100.0 67.5 125.4
130 100.0 69.7 129.5

Manual Integrations
APPROVED

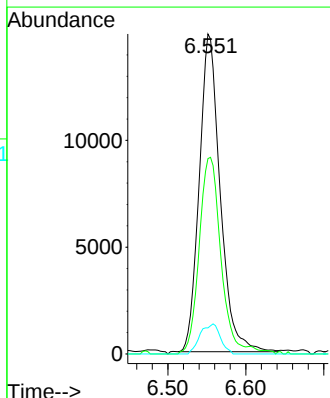
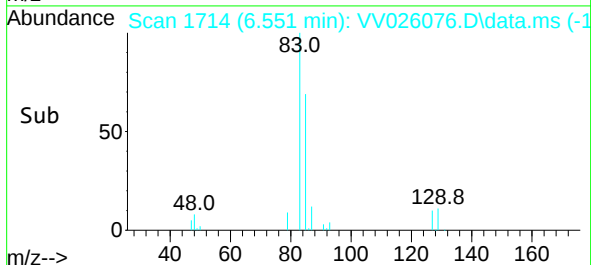
Reviewed By :Krupa Patel 06/10/2022
Supervised By :Mahesh Dadoda 06/13/2022

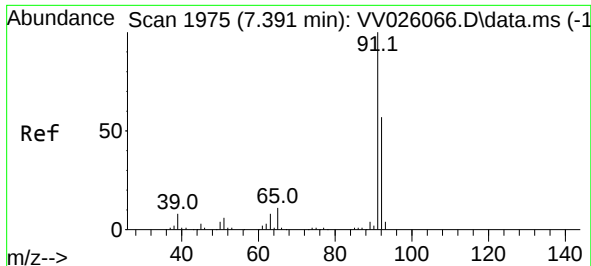


#38
Bromodichloromethane
Concen: 1.788 ug/L
RT: 6.551 min Scan# 1714
Delta R.T. 0.035 min
Lab File: VV026076.D
Acq: 10 Jun 2022 00:32



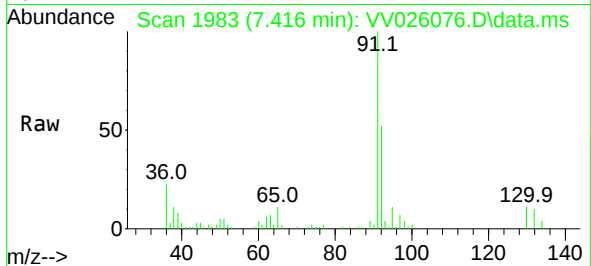
Tgt Ion: 83 Resp: 27796
Ion Ratio Lower Upper
83 100
85 61.0 44.8 83.2
127 8.1 6.6 10.0





#42
Toluene
Concen: 0.466 ug/L
RT: 7.416 min Scan# 1975
Delta R.T. 0.026 min
Lab File: VV026076.D
Acq: 10 Jun 2022 00:32

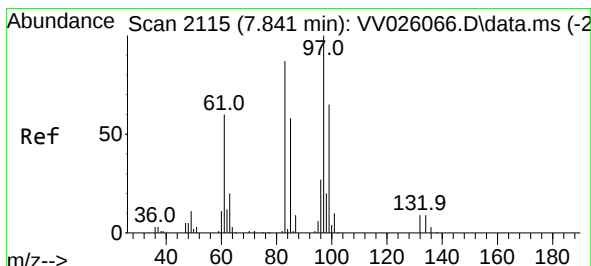
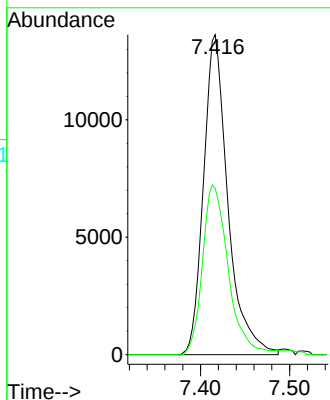
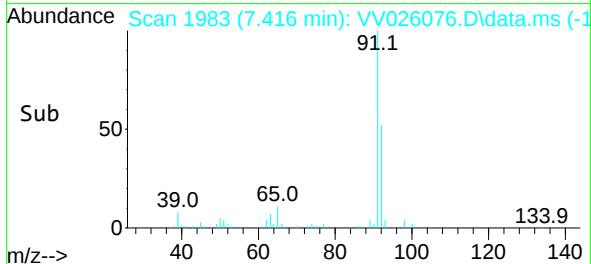
Instrument :
MSVOA_V
ClientSampleId :
C0B57



Tgt Ion: 91 Resp: 2585
Ion Ratio Lower Upper
91 100
92 52.1 41.2 76.4

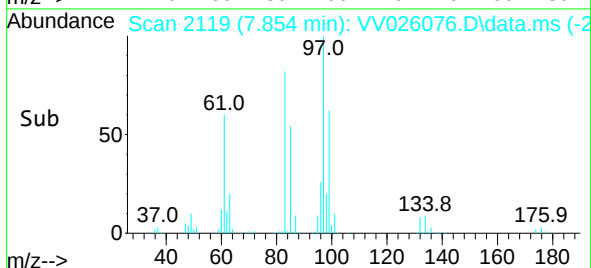
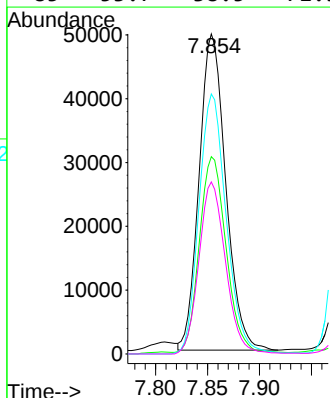
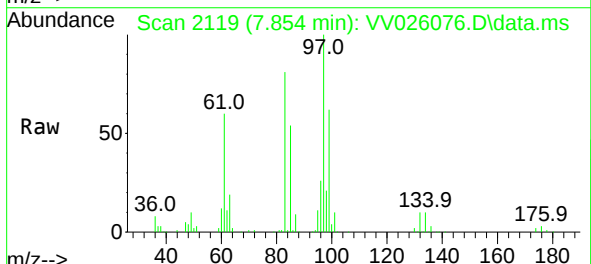
Manual Integrations
APPROVED

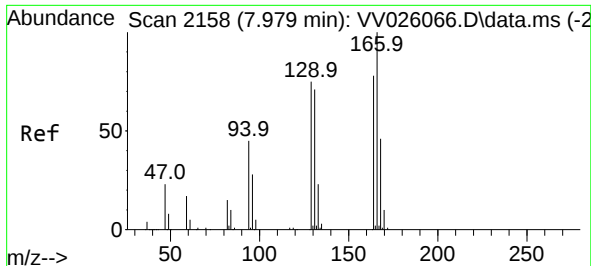
Reviewed By :Krupa Patel 06/10/2022
Supervised By :Mahesh Dadoda 06/13/2022



#45
1,1,2-Trichloroethane
Concen: 10.572 ug/L
RT: 7.854 min Scan# 2119
Delta R.T. 0.013 min
Lab File: VV026076.D
Acq: 10 Jun 2022 00:32

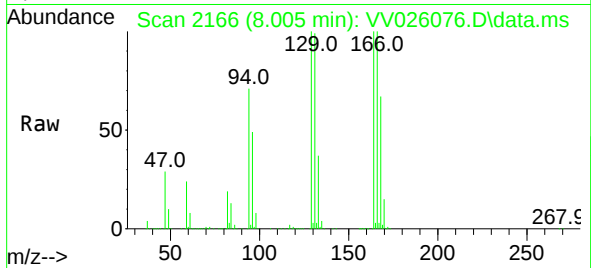
Tgt Ion: 97 Resp: 88330
Ion Ratio Lower Upper
97 100
99 61.7 43.5 80.7
83 81.3 59.6 110.8
85 53.7 38.5 71.5





#47
Tetrachloroethene
Concen: 1580.196 ug/L
RT: 8.005 min Scan# 2158
Delta R.T. 0.026 min
Lab File: VV026076.D
Acq: 10 Jun 2022 00:32

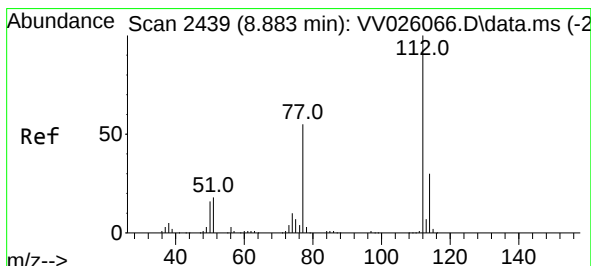
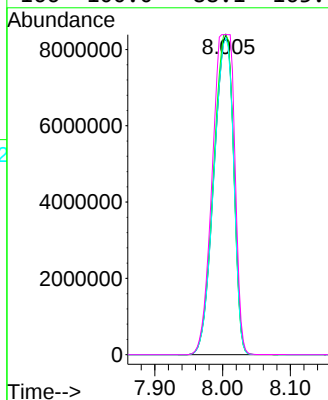
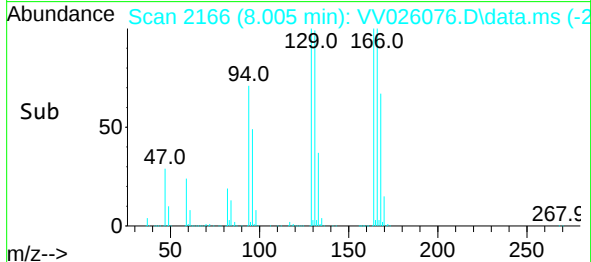
Instrument :
MSVOA_V
ClientSampleId :
C0B57



Tgt Ion:164 Resp:1696481
Ion Ratio Lower Upper
164 100
129 100.0 68.3 126.9
131 99.0 66.5 123.5
166 100.0 88.1 163.7

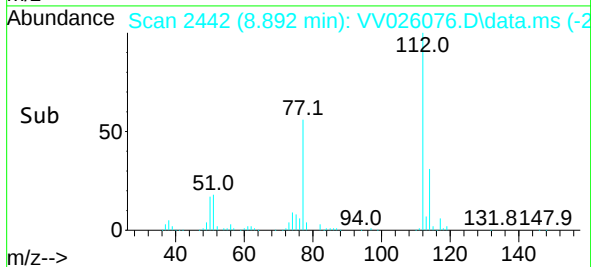
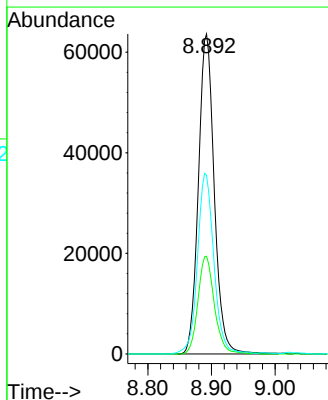
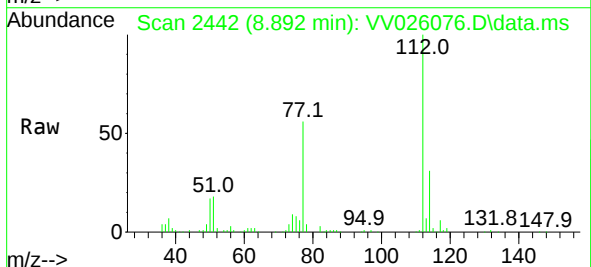
Manual Integrations
APPROVED

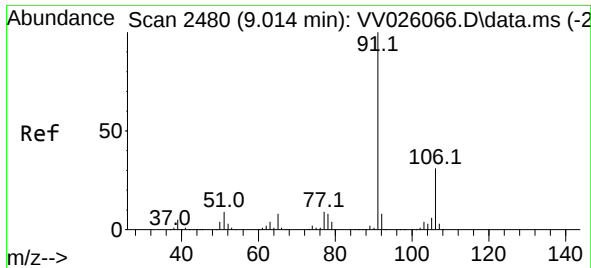
Reviewed By :Krupa Patel 06/10/2022
Supervised By :Mahesh Dadoda 06/13/2022



#51
Chlorobenzene
Concen: 3.051 ug/L
RT: 8.892 min Scan# 2442
Delta R.T. 0.010 min
Lab File: VV026076.D
Acq: 10 Jun 2022 00:32

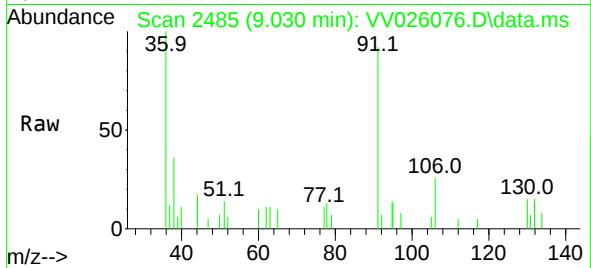
Tgt Ion:112 Resp: 110161
Ion Ratio Lower Upper
112 100
114 30.6 22.3 41.5
77 55.9 44.6 66.8





#52
Ethylbenzene
Concen: 0.058 ug/L
RT: 9.030 min Scan# 2480
Delta R.T. 0.016 min
Lab File: VV026076.D
Acq: 10 Jun 2022 00:32

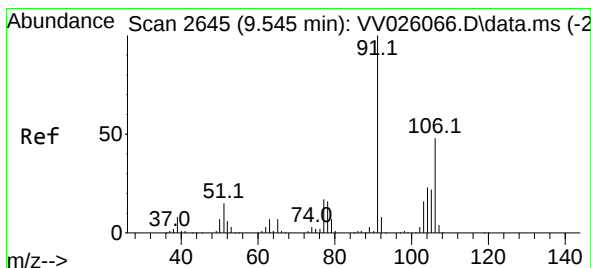
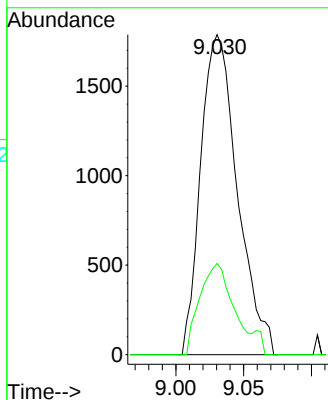
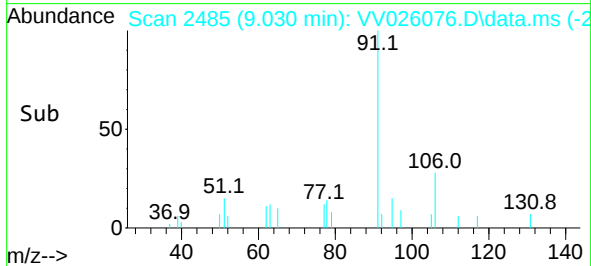
Instrument :
MSVOA_V
ClientSampleId :
C0B57



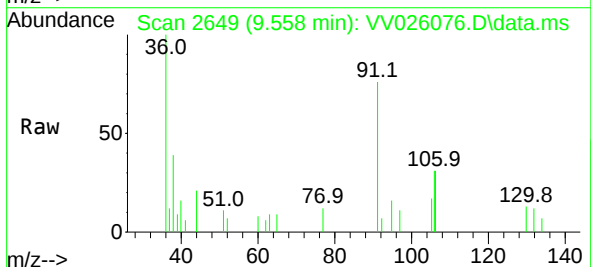
Tgt Ion: 91 Resp: 3368
Ion Ratio Lower Upper
91 100
106 28.5 21.8 40.6

Manual Integrations
APPROVED

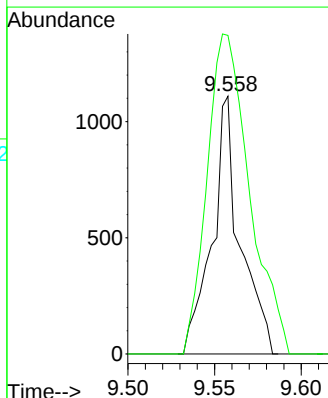
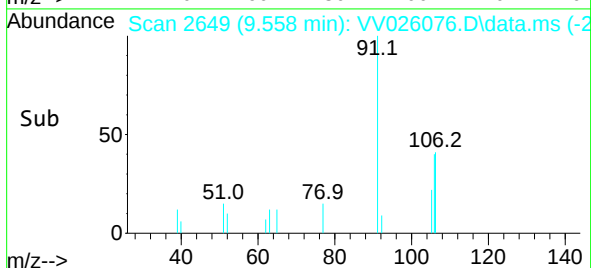
Reviewed By :Krupa Patel 06/10/2022
Supervised By :Mahesh Dadoda 06/13/2022

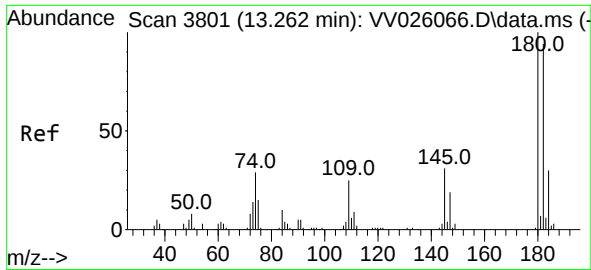


#54
o-Xylene
Concen: 0.058 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. 0.013 min
Lab File: VV026076.D
Acq: 10 Jun 2022 00:32



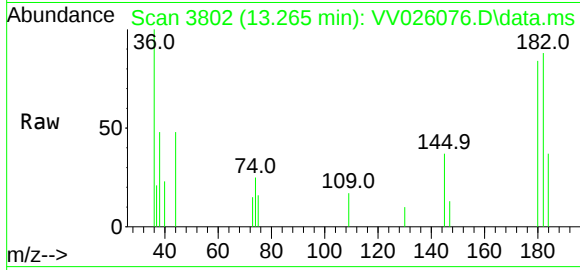
Tgt Ion:106 Resp: 1245
Ion Ratio Lower Upper
106 100
91 123.6 145.4 270.0#





#70
 1,2,4-trichlorobenzene
 Concen: 0.117 ug/L
 RT: 13.265 min Scan# 3801
 Delta R.T. 0.003 min
 Lab File: VV026076.D
 Acq: 10 Jun 2022 00:32

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B57



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	74.2	111.4
145	34.9	24.1	36.1

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/10/2022
 Supervised By :Mahesh Dadoda 06/13/2022

