

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101122\
 Data File : VW028514.D
 Acq On : 11 Oct 2022 11:30
 Operator : SY/MD
 Sample : N4519-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Quant Time: Oct 12 00:36:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 12 00:26:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/12/2022
 Supervised By :Mahesh Dadoda 10/12/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	293771	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	264213	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	135074	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	104804	46.235	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.480%
7) Chloroethane-d5	1.564	69	79200	44.065	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.120%
11) 1,1-Dichloroethene-d2	2.101	63	138986	36.027	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.060%
21) 2-Butanone-d5	3.889	46	136429	68.754	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	68.750%
24) Chloroform-d	4.343	84	206979	49.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.580%
26) 1,2-Dichloroethane-d4	5.027	65	143914	53.676	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.360%
32) Benzene-d6	5.043	84	433137	51.160	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.320%
36) 1,2-Dichloropropane-d6	6.063	67	132388	47.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.920%
41) Toluene-d8	7.310	98	395468	52.173	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.340%
43) trans-1,3-Dichloroprop...	7.616	79	68547	48.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.440%
47) 2-Hexanone-d5	8.085	63	133579	88.959	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.960%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	169515	44.877	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.760%
66) 1,2-Dichlorobenzene-d4	11.616	152	144181	51.515	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	4650	2.102	ug/L	98
3) Chloromethane	1.240	50	4788	1.923	ug/L	96
5) Vinyl chloride	1.307	62	4738	1.896	ug/L #	12
6) Bromomethane	1.519	94	2172	1.906	ug/L	91
8) Chloroethane	1.584	64	3183m	2.098	ug/L	
9) Trichlorofluoromethane	1.751	101	6796	2.201	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	4829	2.759	ug/L #	84
12) 1,1-Dichloroethene	2.111	96	4034	2.348	ug/L #	1
13) Acetone	2.182	43	4877m	3.173	ug/L	
14) Carbon disulfide	2.288	76	11273	2.051	ug/L	96
15) Methyl Acetate	2.436	43	4128m	1.591	ug/L	
17) trans-1,2-Dichloroethene	2.757	96	4252	2.122	ug/L	96
18) Methyl tert-butyl Ether	2.767	73	15569	2.113	ug/L	98
19) 1,1-Dichloroethane	3.191	63	8390	2.049	ug/L	97
20) cis-1,2-Dichloroethene	3.908	96	4880	2.137	ug/L	96
22) 2-Butanone	3.992	43	6986m	3.447	ug/L	
23) Bromochloromethane	4.256	128	2312	2.084	ug/L	78
27) 1,2-Dichloroethane	5.133	62	6823m	2.228	ug/L	
29) Cyclohexane	4.674	56	7249	1.907	ug/L	90

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101122\
 Data File : VW028514.D
 Acq On : 11 Oct 2022 11:30
 Operator : SY/MD
 Sample : N4519-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Quant Time: Oct 12 00:36:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 12 00:26:27 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/12/2022
 Supervised By :Mahesh Dadoda 10/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
30) 1,1,1-Trichloroethane	4.603	97	8200	2.402	ug/L	95
31) Carbon tetrachloride	4.828	117	6968	2.439	ug/L	93
33) Benzene	5.101	78	17835m	2.052	ug/L	
35) Methylcyclohexane	6.127	83	7501	2.001	ug/L	99
37) 1,2-Dichloropropane	6.175	63	4753m	2.040	ug/L	
38) Bromodichloromethane	6.513	83	6882	2.267	ug/L	94
39) cis-1,3-Dichloropropene	7.031	75	7731	2.086	ug/L	97
40) 4-Methyl-2-pentanone	7.230	43	13187	3.319	ug/L	96
42) Toluene	7.391	91	18708	2.089	ug/L	92
44) trans-1,3-Dichloropropene	7.657	75	8254m	2.320	ug/L	
45) 1,1,2-Trichloroethane	7.847	97	4265	1.977	ug/L	88
46) Tetrachloroethene	7.973	164	3268	2.110	ug/L	91
49) Dibromochloromethane	8.243	129	4491	1.936	ug/L	93
50) 1,2-Dibromoethane	8.352	107	4366	1.954	ug/L #	94
51) Chlorobenzene	8.879	112	12321	2.192	ug/L	92
52) Ethylbenzene	9.011	91	20528	2.103	ug/L	95
53) m,p-Xylene	9.140	106	7570	2.046	ug/L	95
54) o-Xylene	9.542	106	7878	2.126	ug/L	100
55) Styrene	9.561	104	13038	2.049	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	7565	2.047	ug/L #	92
59) Bromoform	9.731	173	3345	2.000	ug/L #	98
60) Isopropylbenzene	9.928	105	20444	2.100	ug/L	97
61) 1,2,3-Trichloropropane	10.268	75	6357	2.211	ug/L	97
62) 1,3,5-Trimethylbenzene	10.532	105	18093	2.146	ug/L	99
63) 1,2,4-Trimethylbenzene	10.908	105	17552	2.098	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	9360	2.199	ug/L	97
65) 1,4-Dichlorobenzene	11.265	146	9762	2.298	ug/L	96
67) 1,2-Dichlorobenzene	11.635	146	9239	2.150	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.419	75	1761	2.001	ug/L #	83
69) 1,3,5-Trichlorobenzene	12.638	180	6844	2.117	ug/L	97
70) 1,2,4-trichlorobenzene	13.255	180	4816	1.690	ug/L	96
71) Naphthalene	13.496	128	12809	1.445	ug/L	97
72) 1,2,3-Trichlorobenzene	13.738	180	4848	1.745	ug/L	93

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

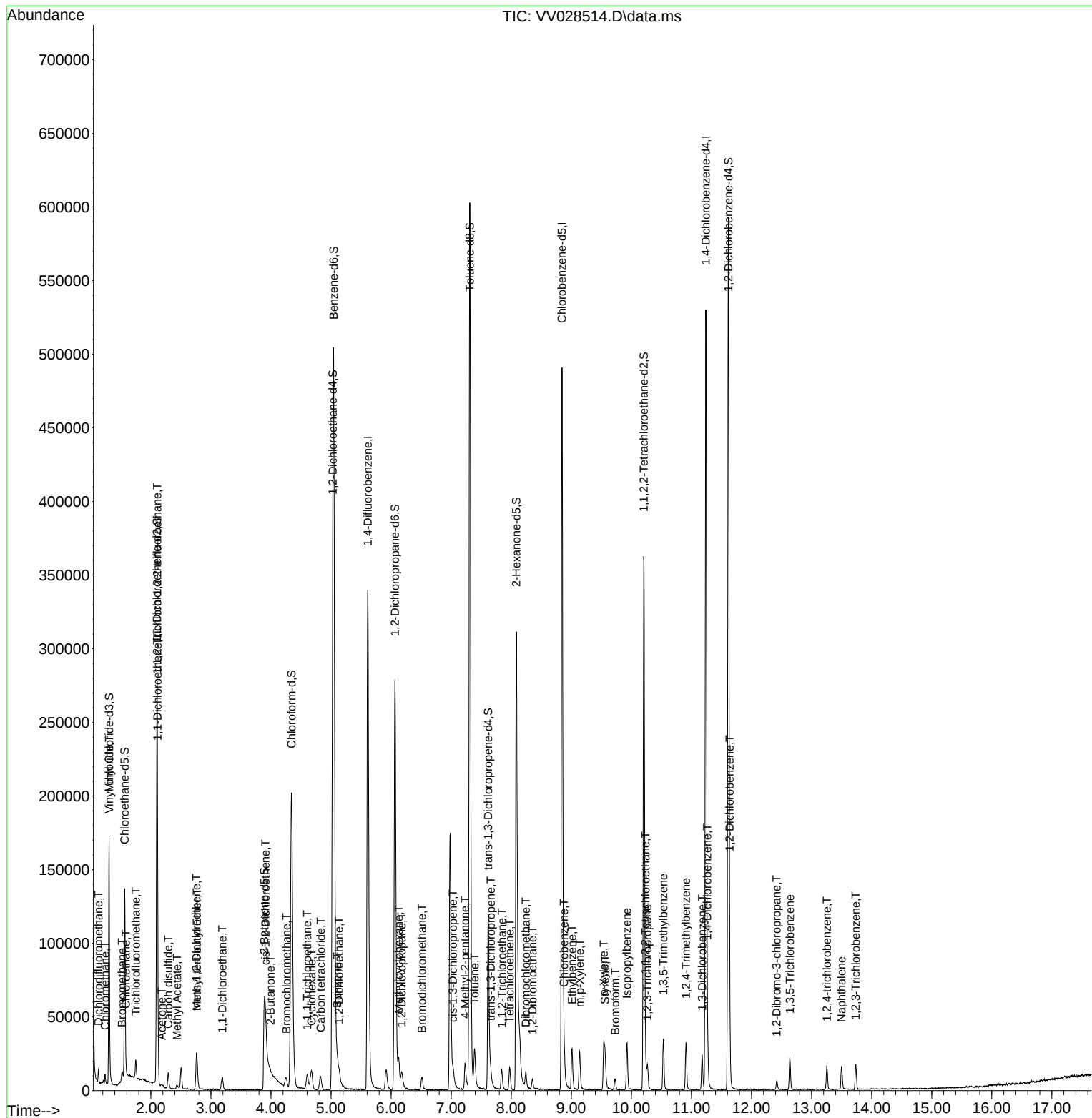
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101122\
 Data File : VV028514.D
 Acq On : 11 Oct 2022 11:30
 Operator : SY/MD
 Sample : N4519-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

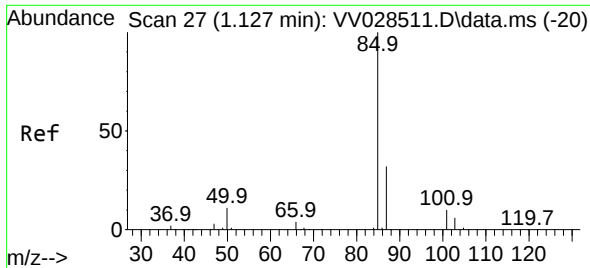
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-08

Quant Time: Oct 12 00:36:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 12 00:26:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 10/12/2022
 Supervised By :Mahesh Dadoda 10/12/2022





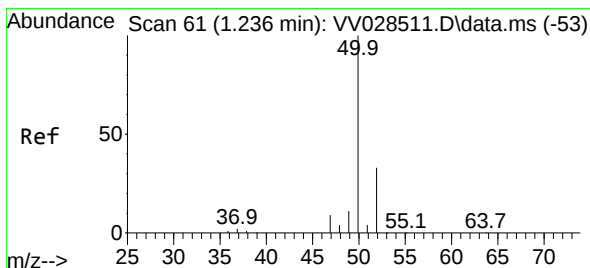
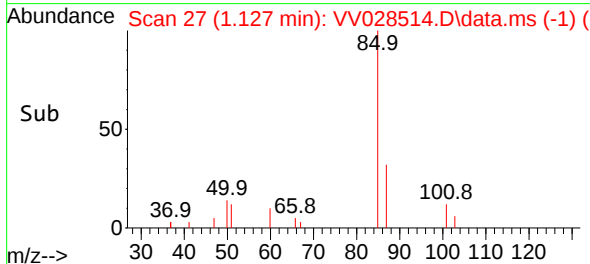
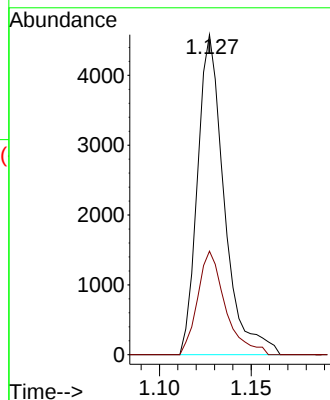
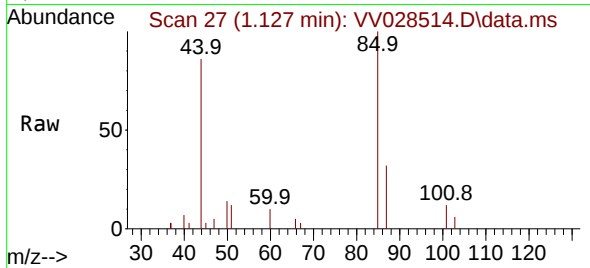
#2
Dichlorodifluoromethane
Concen: 2.102 ug/L
RT: 1.127 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

Tgt Ion: 85 Resp: 4650
Ion Ratio Lower Upper
85 100
87 33.6 25.9 38.9

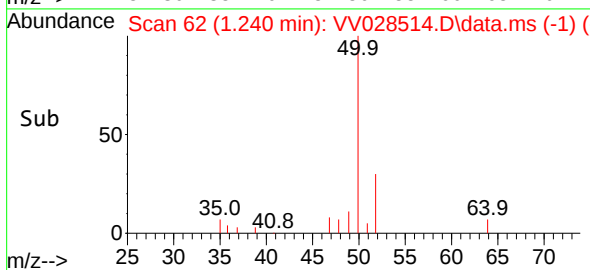
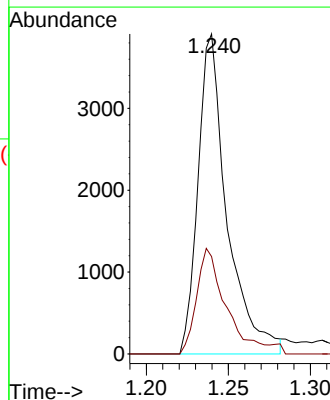
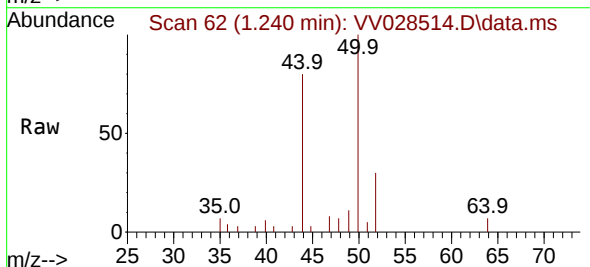
Manual Integrations
APPROVED

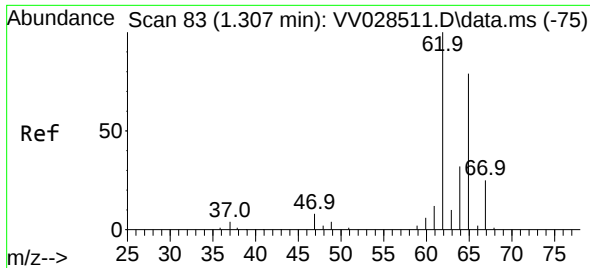
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#3
Chloromethane
Concen: 1.923 ug/L
RT: 1.240 min Scan# 62
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

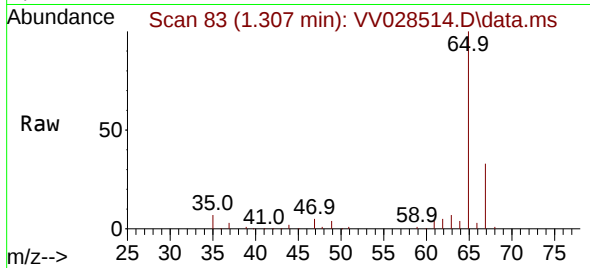
Tgt Ion: 50 Resp: 4788
Ion Ratio Lower Upper
50 100
52 30.5 22.7 42.3





#5
 Vinyl chloride
 Concen: 1.896 ug/L
 RT: 1.307 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VV028514.D
 Acq: 11 Oct 2022 11:30

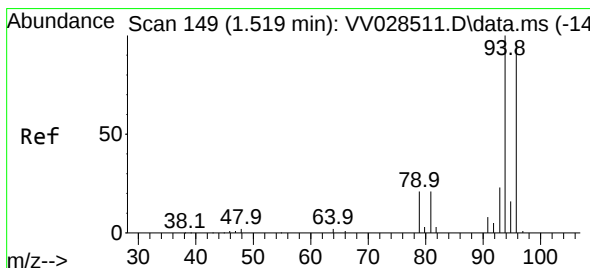
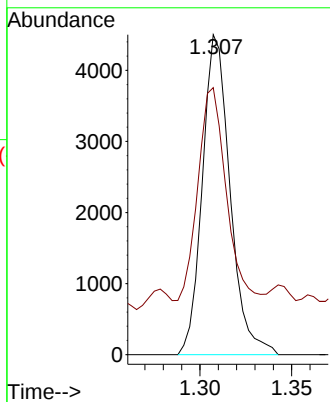
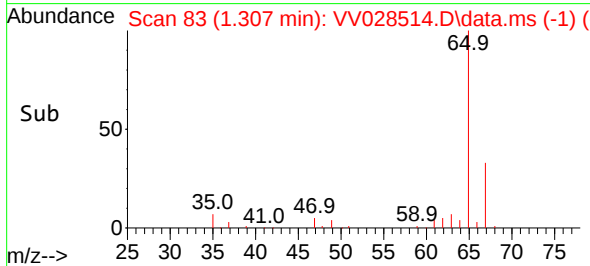
Instrument : MSVOA_V
 ClientSampleId :
 MDL-WATER-QT4-2022-08



Tgt Ion: 62 Resp: 4738
 Ion Ratio Lower Upper
 62 100
 64 83.5 23.3 43.3

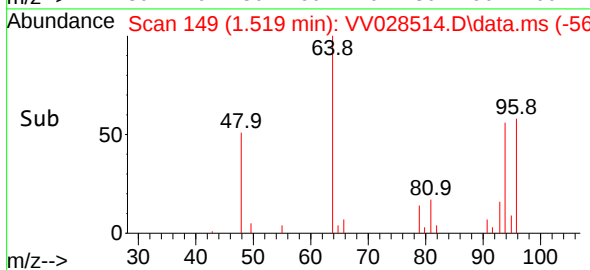
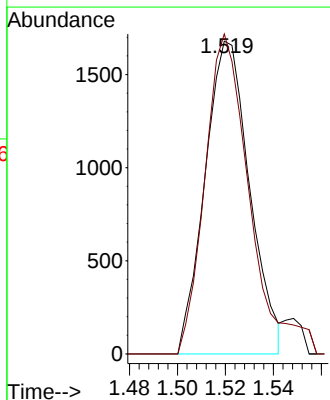
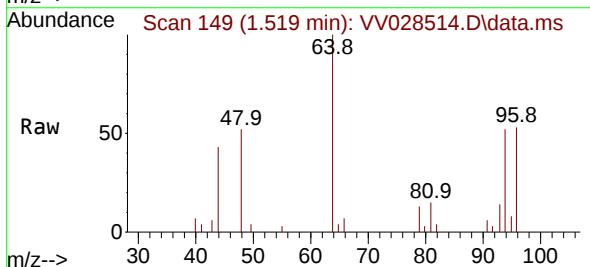
Manual Integrations
 APPROVED

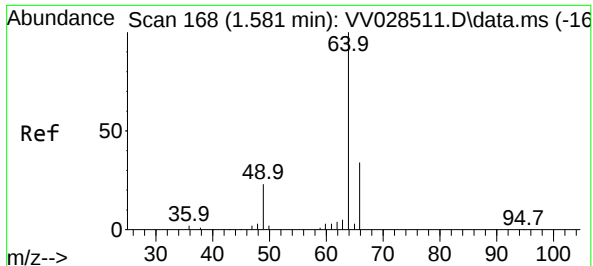
Reviewed By :Krupa Patel 10/12/2022
 Supervised By :Mahesh Dadoda 10/12/2022



#6
 Bromomethane
 Concen: 1.906 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. 0.000 min
 Lab File: VV028514.D
 Acq: 11 Oct 2022 11:30

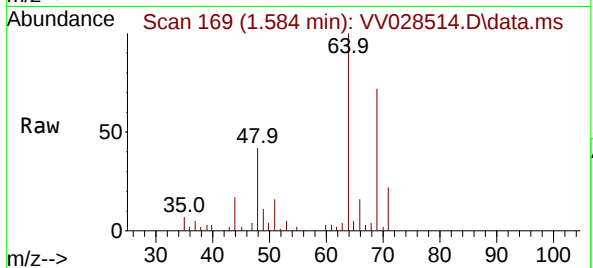
Tgt Ion: 94 Resp: 2172
 Ion Ratio Lower Upper
 94 100
 96 102.3 65.5 121.6





#8
Chloroethane
Concen: 2.098 ug/L m
RT: 1.584 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

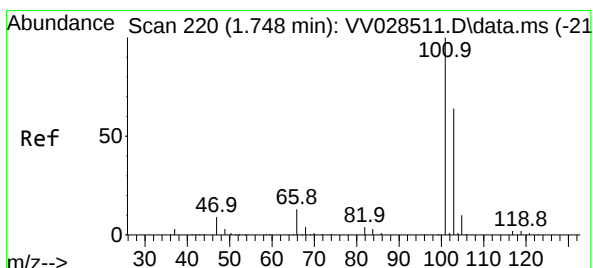
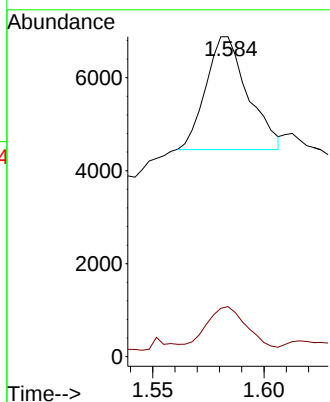
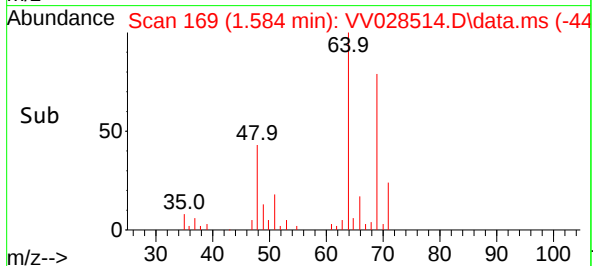
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08



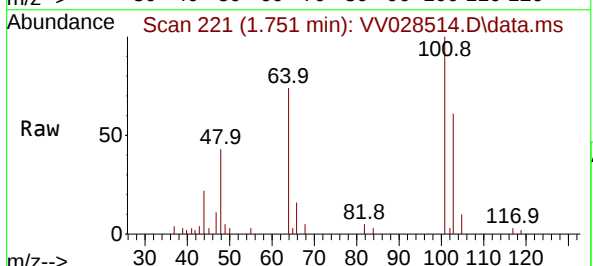
Tgt Ion: 64 Resp: 318
Ion Ratio Lower Upper
64 100
66 15.7 22.2 41.2

Manual Integrations
APPROVED

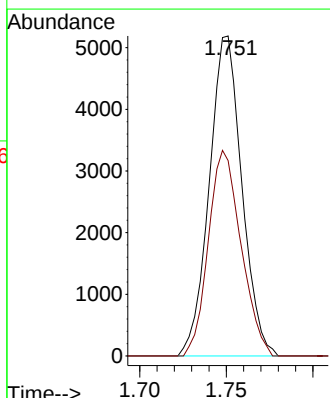
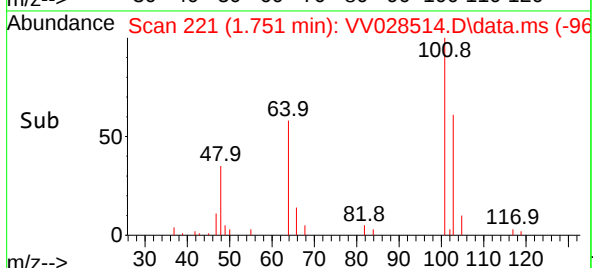
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

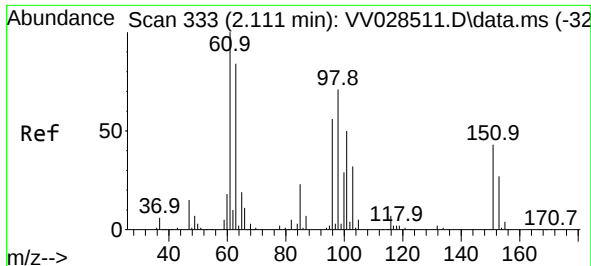


#9
Trichlorofluoromethane
Concen: 2.201 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30



Tgt Ion:101 Resp: 6796
Ion Ratio Lower Upper
101 100
103 64.3 50.7 76.1





#10

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

Concen: 2.759 ug/L

RT: 2.108 min Scan# 333

Delta R.T. -0.003 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-08

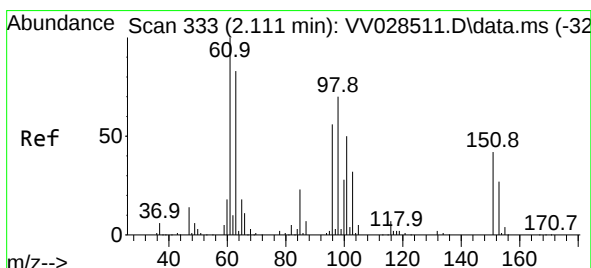
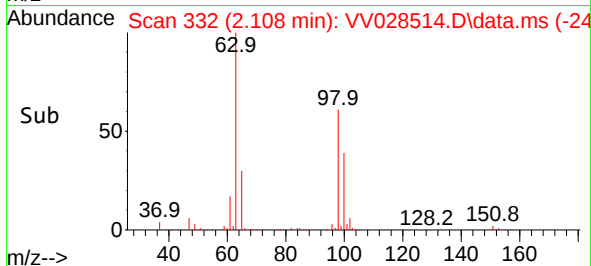
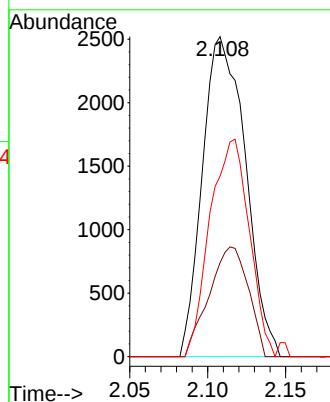
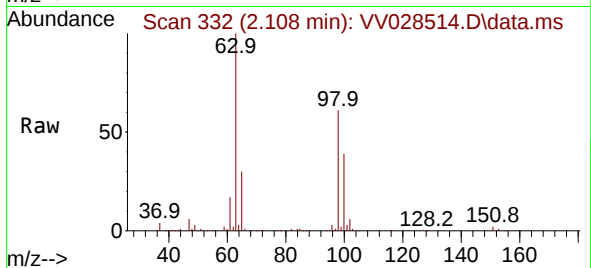
Tgt Ion:	101	Resp:	4829
Ion Ratio	Lower	Upper	
101	100		
85	31.4	34.9	52.3
151	62.2	59.2	88.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#12

1,1-Dichloroethene

Concen: 2.348 ug/L

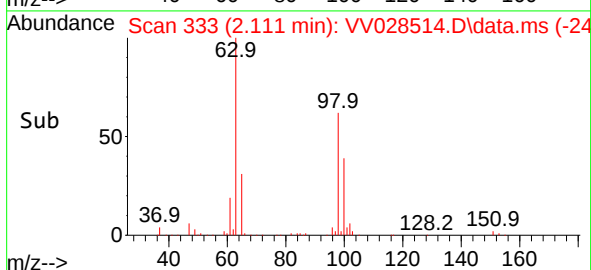
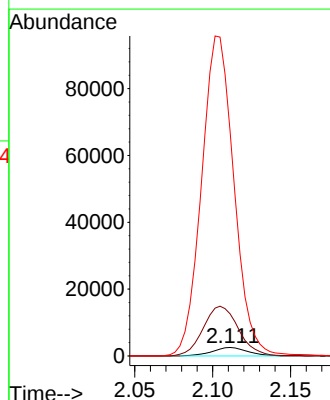
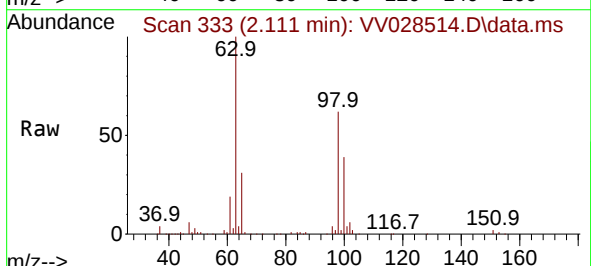
RT: 2.111 min Scan# 333

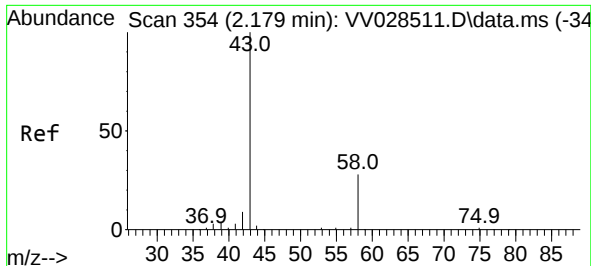
Delta R.T. 0.000 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Tgt Ion:	96	Resp:	4034
Ion Ratio	Lower	Upper	
96	100		
61	495.4	125.6	233.2#
63	2640.9	100.0	185.6#





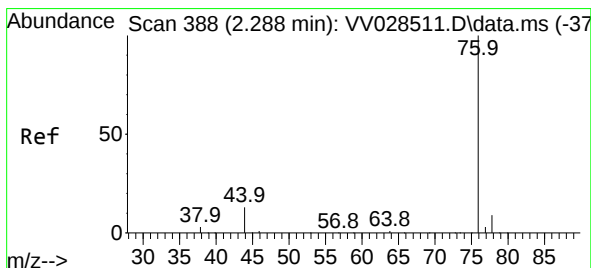
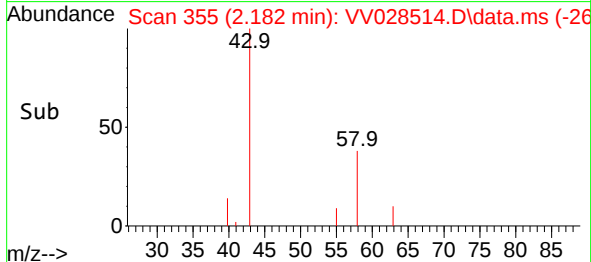
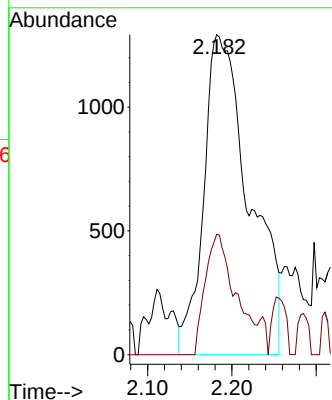
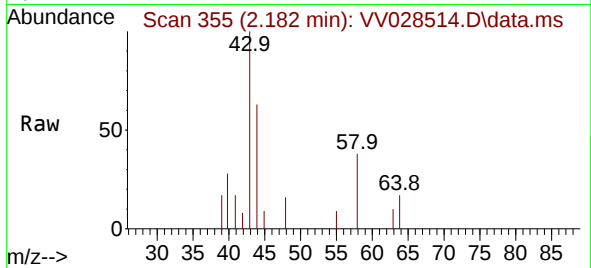
#13
Acetone
Concen: 3.173 ug/L m
RT: 2.182 min Scan# 355
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

Tgt Ion: 43 Resp: 487
Ion Ratio Lower Upper
43 100
58 18.8 0.0 47.0

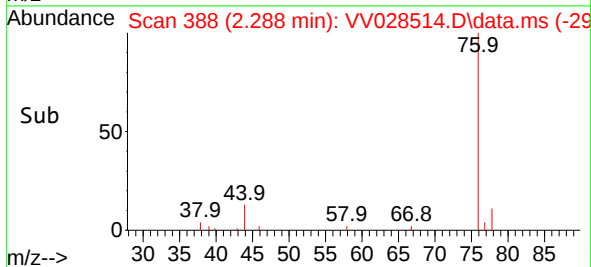
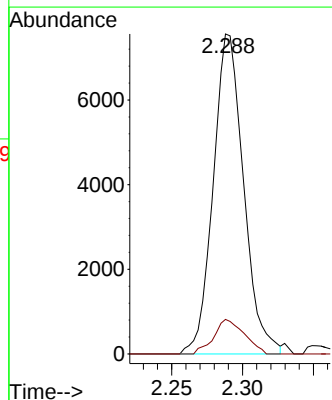
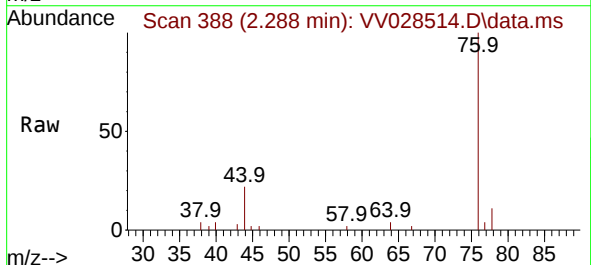
Manual Integrations
APPROVED

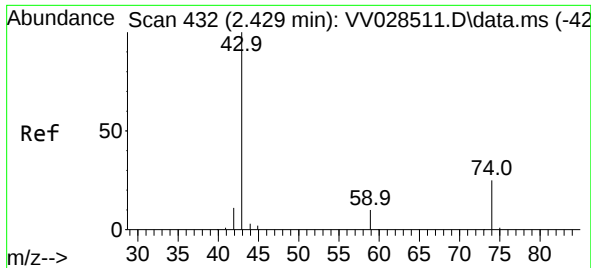
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#14
Carbon disulfide
Concen: 2.051 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.000 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 76 Resp: 11273
Ion Ratio Lower Upper
76 100
78 10.8 7.4 11.0





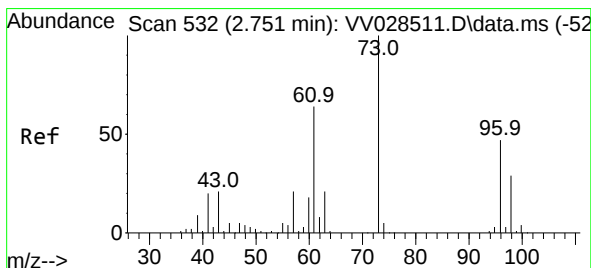
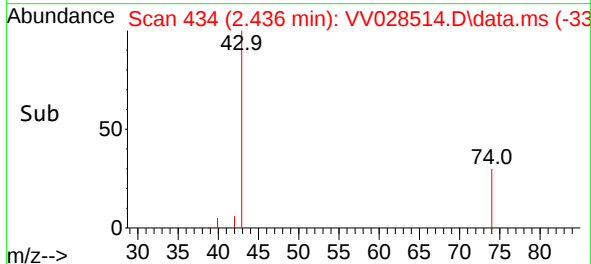
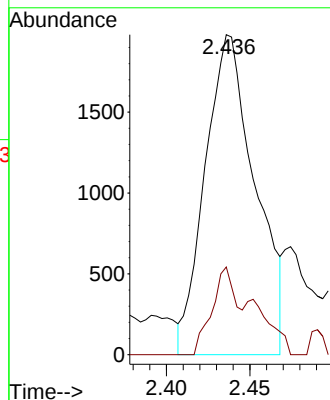
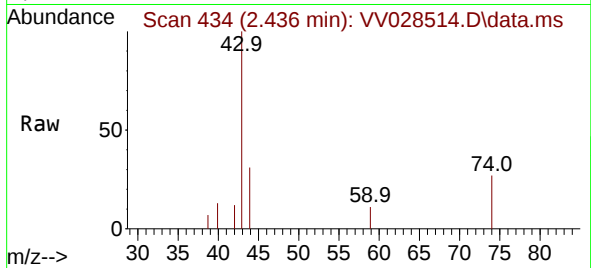
#15
Methyl Acetate
Concen: 1.591 ug/L m
RT: 2.436 min Scan# 412
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

Tgt Ion: 43 Resp: 4128
Ion Ratio Lower Upper
43 100
74 13.6 18.8 28.2

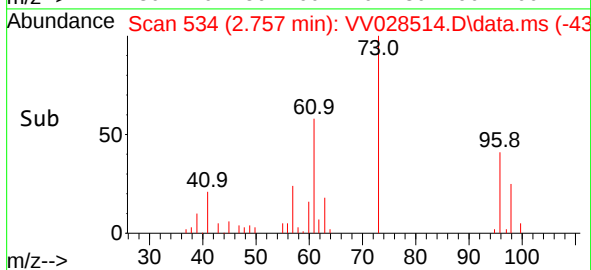
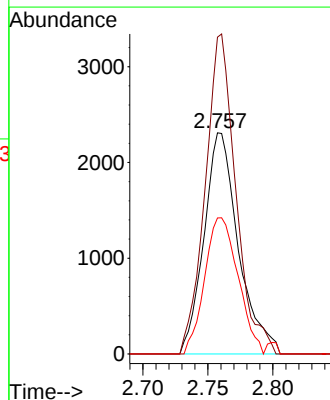
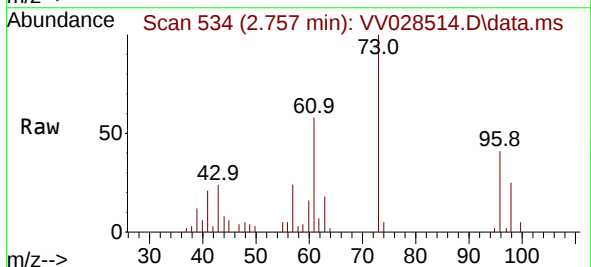
Manual Integrations
APPROVED

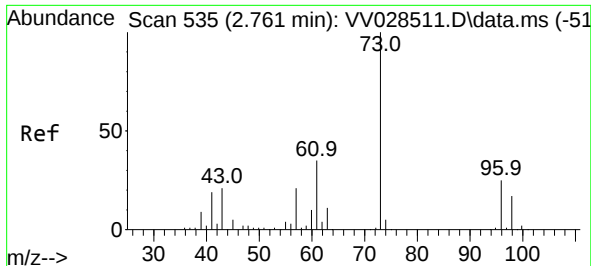
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#17
trans-1,2-Dichloroethene
Concen: 2.122 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

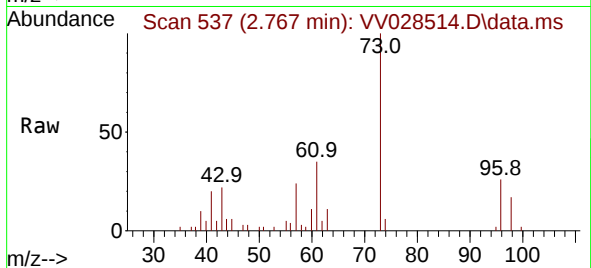
Tgt Ion: 96 Resp: 4252
Ion Ratio Lower Upper
96 100
61 143.2 104.8 194.6
98 61.5 44.5 82.7





#18
Methyl tert-butyl Ether
Concen: 2.113 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

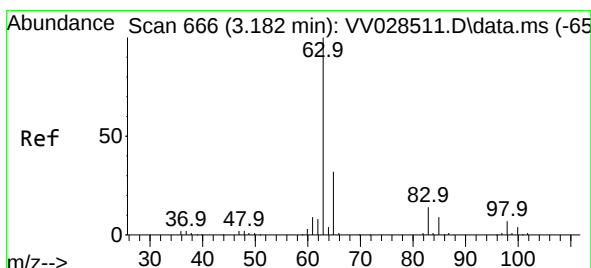
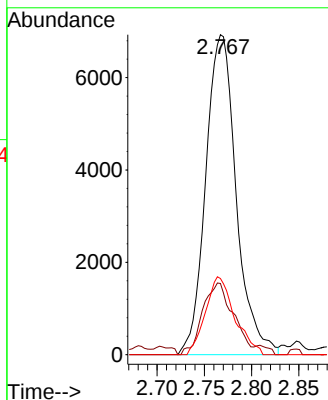
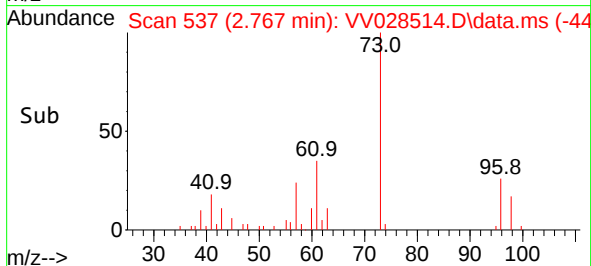
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08



Tgt Ion: 73 Resp: 1556
Ion Ratio Lower Upper
73 100
43 21.0 15.6 23.4
57 23.2 18.2 27.4

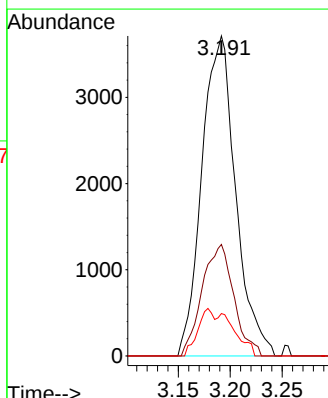
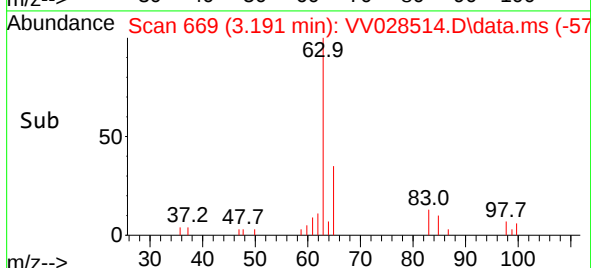
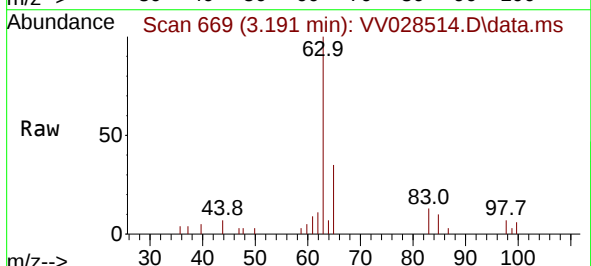
Manual Integrations
APPROVED

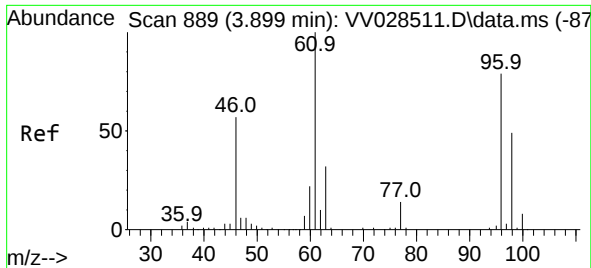
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#19
1,1-Dichloroethane
Concen: 2.049 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

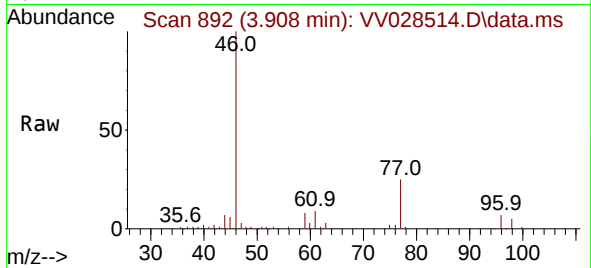
Tgt Ion: 63 Resp: 8390
Ion Ratio Lower Upper
63 100
65 34.9 22.6 42.0
83 13.3 9.2 17.0





#20
cis-1,2-Dichloroethene
Concen: 2.137 ug/L
RT: 3.908 min Scan# 891
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

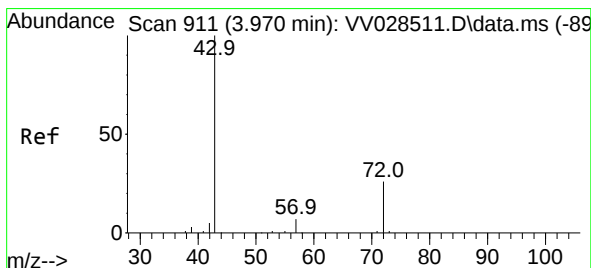
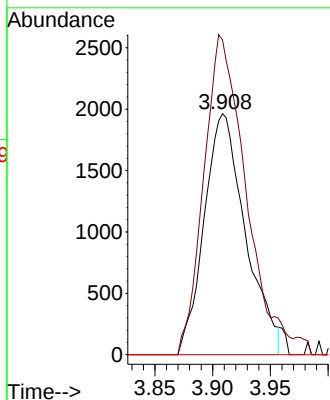
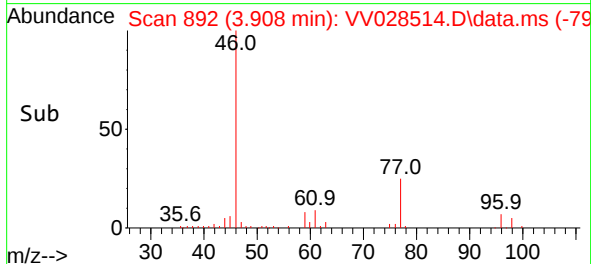
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08



Tgt Ion: 96 Resp: 4880
Ion Ratio Lower Upper
96 100
61 130.6 95.0 176.4
68 0.0 0.0 0.0

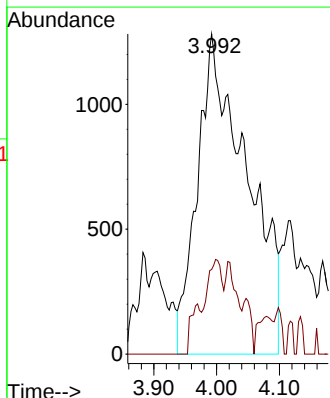
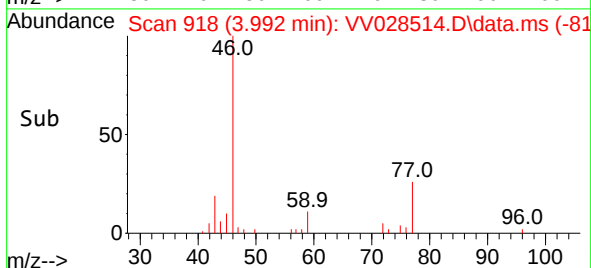
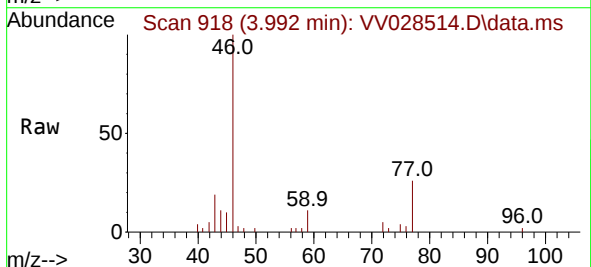
Manual Integrations
APPROVED

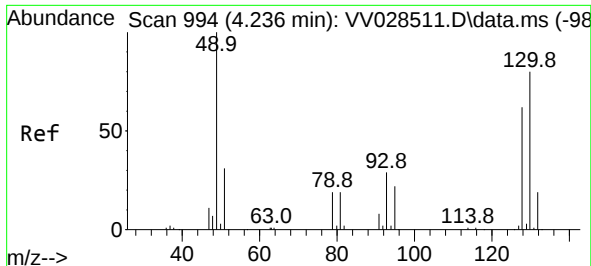
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#22
2-Butanone
Concen: 3.447 ug/L m
RT: 3.992 min Scan# 918
Delta R.T. 0.023 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

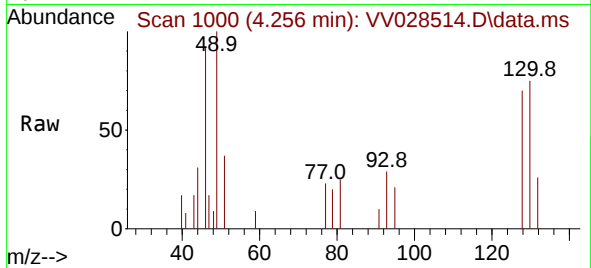
Tgt Ion: 43 Resp: 6986
Ion Ratio Lower Upper
43 100
72 0.5 11.1 33.1#





#23
Bromochloromethane
Concen: 2.084 ug/L
RT: 4.256 min Scan# 1000
Delta R.T. 0.019 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

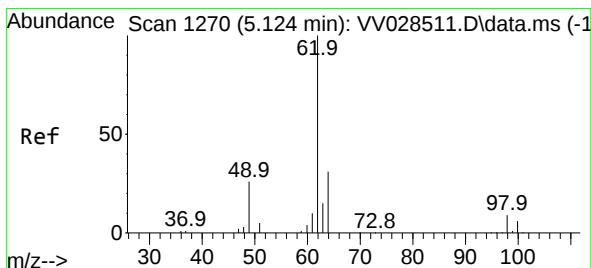
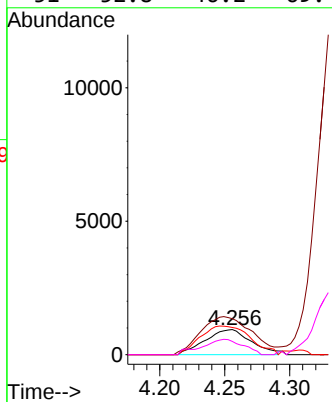
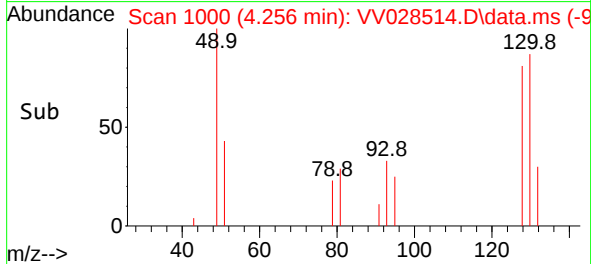
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08



Tgt Ion:128 Resp: 231
Ion Ratio Lower Upper
128 100
49 143.4 130.6 242.6
130 108.2 90.0 167.2
51 52.8 46.2 69.4

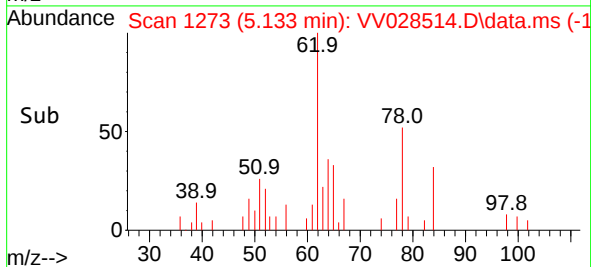
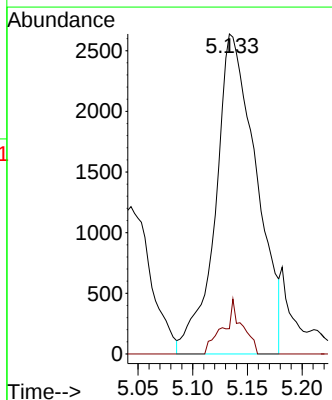
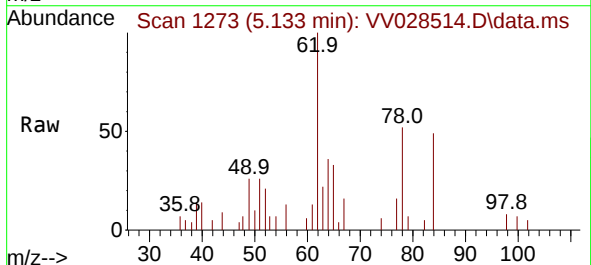
Manual Integrations
APPROVED

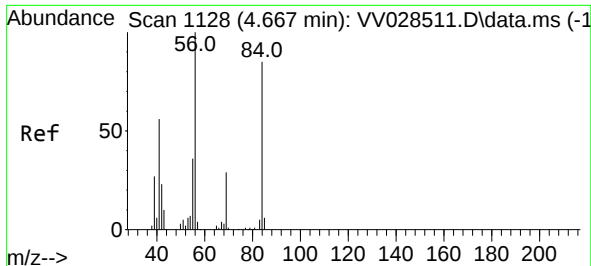
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#27
1,2-Dichloroethane
Concen: 2.228 ug/L m
RT: 5.133 min Scan# 1273
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 62 Resp: 6823
Ion Ratio Lower Upper
62 100
98 7.9 7.6 11.4





#29

Cyclohexane

Concen: 1.907 ug/L

RT: 4.674 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VV028514.D

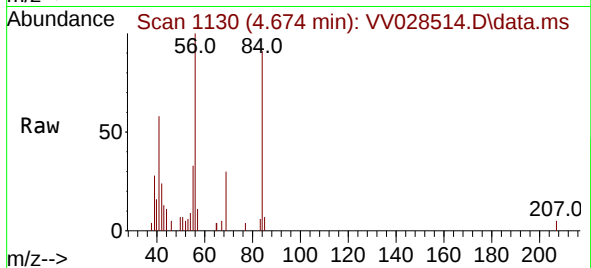
Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-08



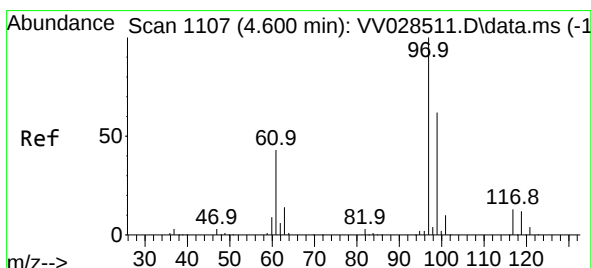
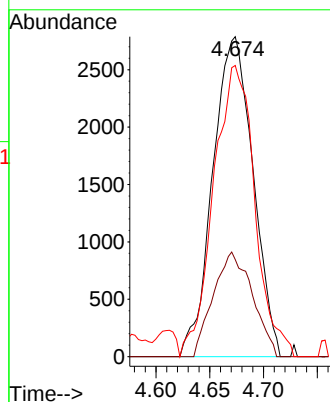
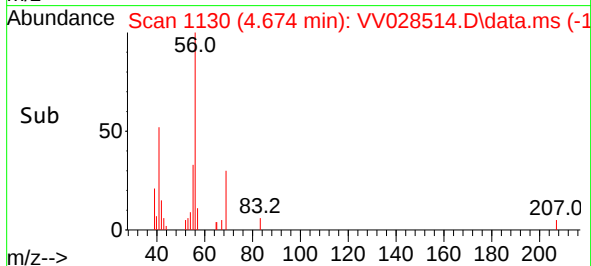
Tgt Ion: 56	Resp: 7249
Ion Ratio	Lower Upper
56	100
69	31.8 23.0 34.6
84	93.0 65.8 98.8

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#30

1,1,1-Trichloroethane

Concen: 2.402 ug/L

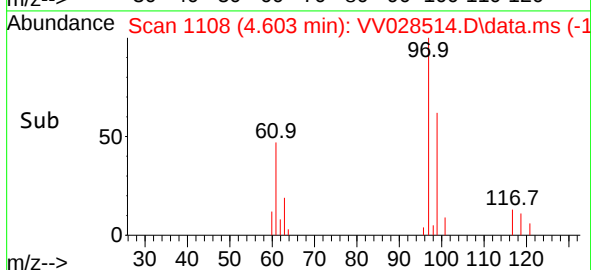
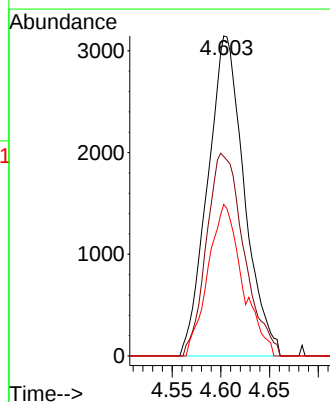
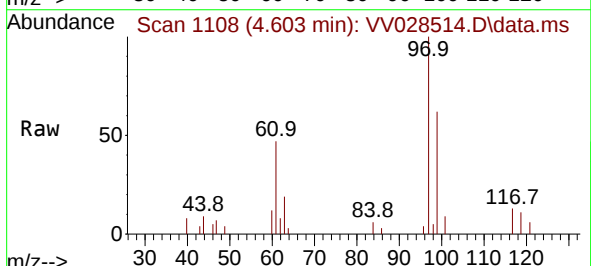
RT: 4.603 min Scan# 1108

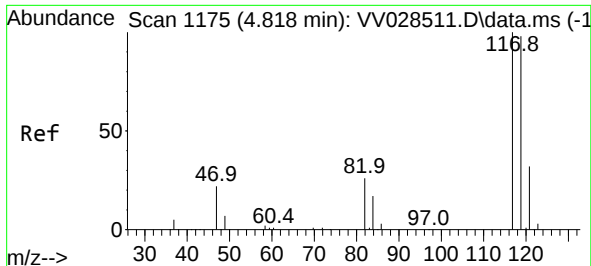
Delta R.T. 0.003 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

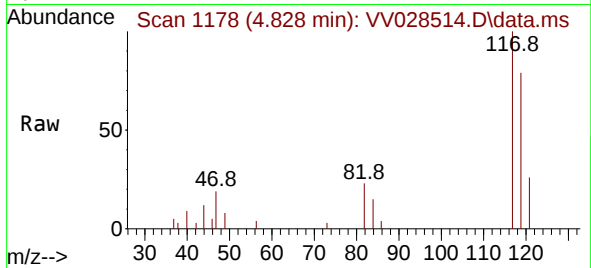
Tgt Ion: 97	Resp: 8200
Ion Ratio	Lower Upper
97	100
99	64.9 50.2 75.2
61	38.8 35.8 53.6





#31
Carbon tetrachloride
Concen: 2.439 ug/L
RT: 4.828 min Scan# 1175
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

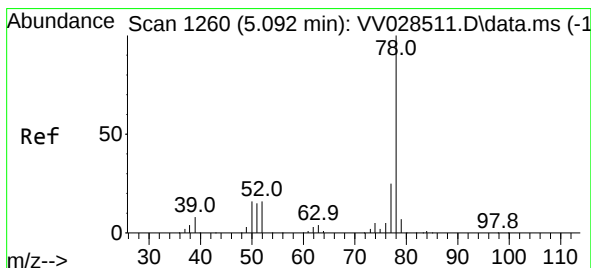
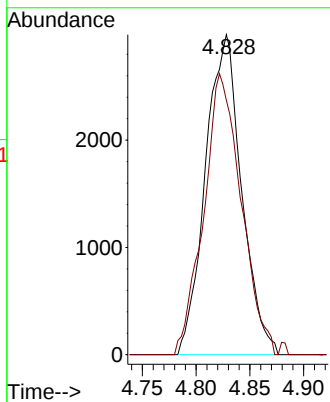
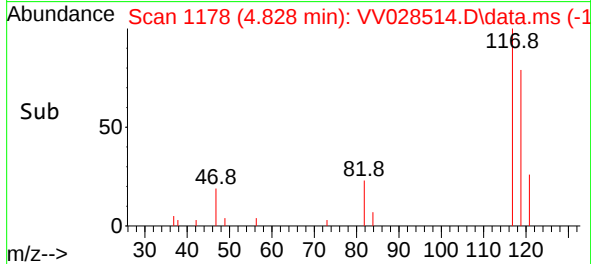
Instrument : MSVOA_V
ClientSampleId : MDL-WATER-QT4-2022-08



Tgt Ion:117 Resp: 6968
Ion Ratio Lower Upper
117 100
119 91.0 78.0 117.0

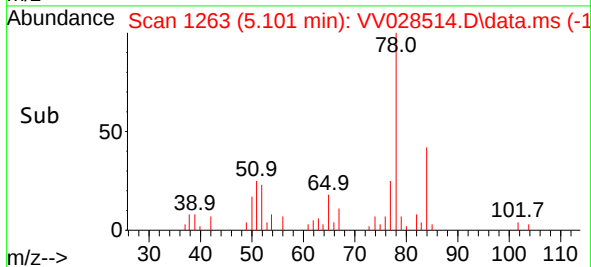
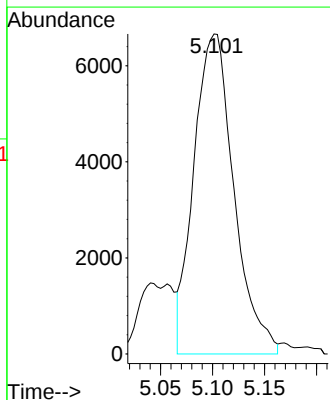
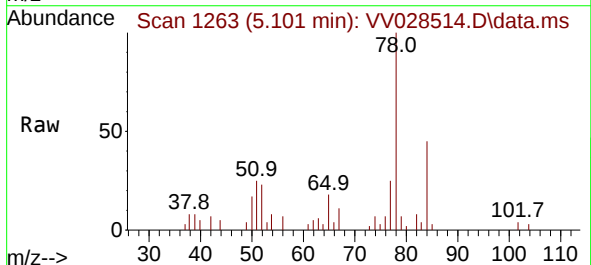
Manual Integrations
APPROVED

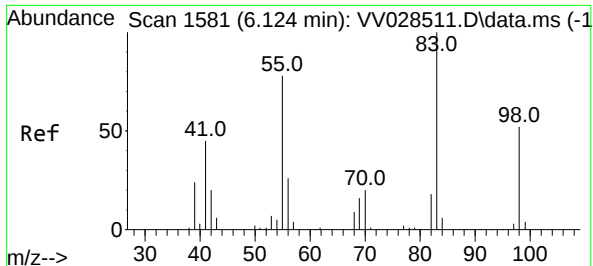
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#33
Benzene
Concen: 2.052 ug/L m
RT: 5.101 min Scan# 1263
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 78 Resp: 17835





#35

Methylcyclohexane

Concen: 2.001 ug/L

RT: 6.127 min Scan# 1581

Delta R.T. 0.003 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-08

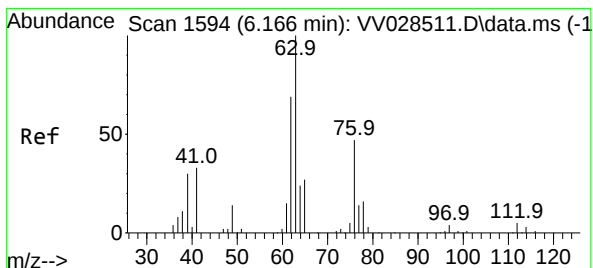
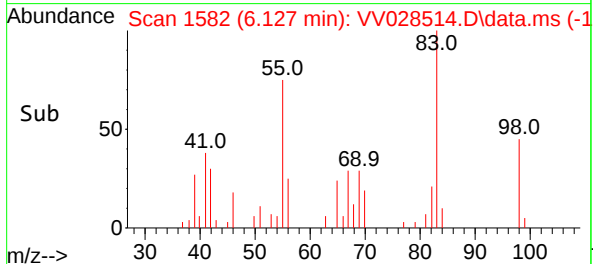
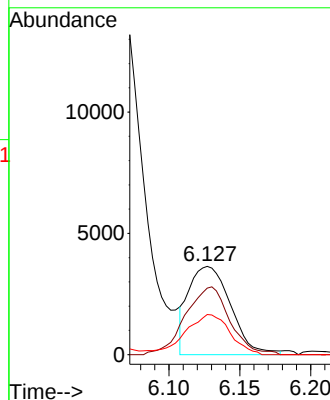
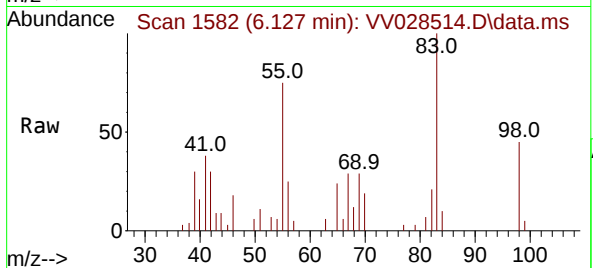
Tgt Ion: 83	Resp: 750
Ion Ratio	Lower Upper
83	100
55	80.3 63.7 95.5
98	48.1 38.2 57.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#37

1,2-Dichloropropane

Concen: 2.040 ug/L m

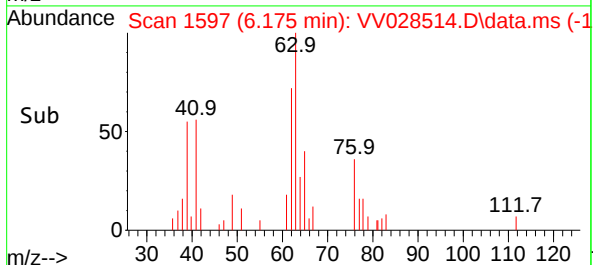
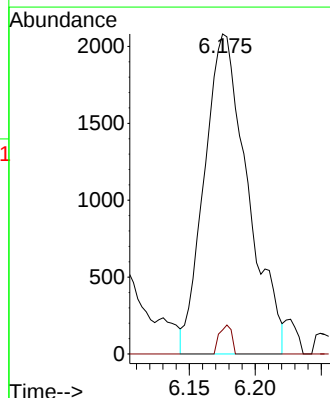
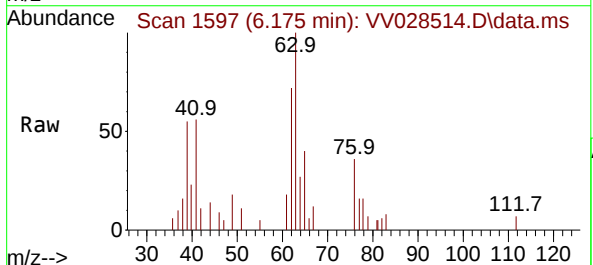
RT: 6.175 min Scan# 1597

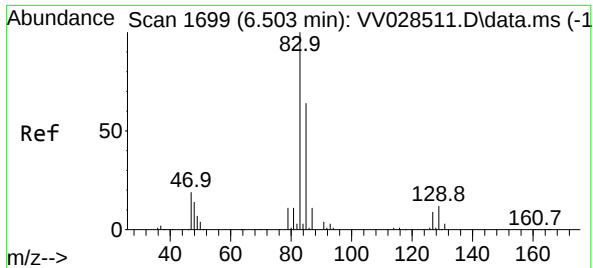
Delta R.T. 0.010 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Tgt Ion: 63	Resp: 4753
Ion Ratio	Lower Upper
63	100
112	2.6 3.5 5.3#





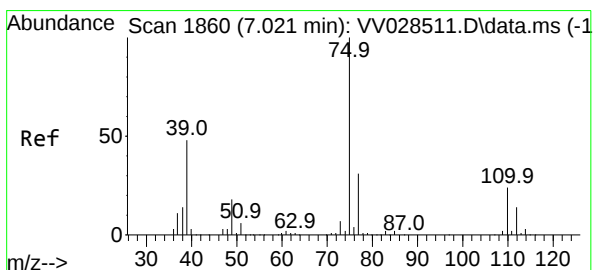
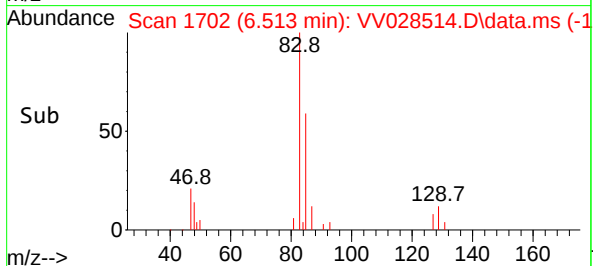
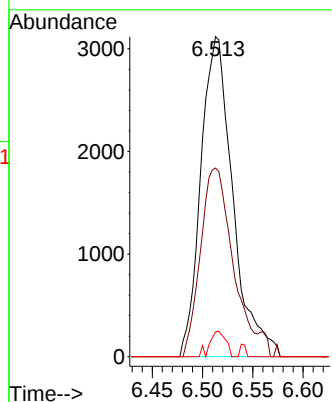
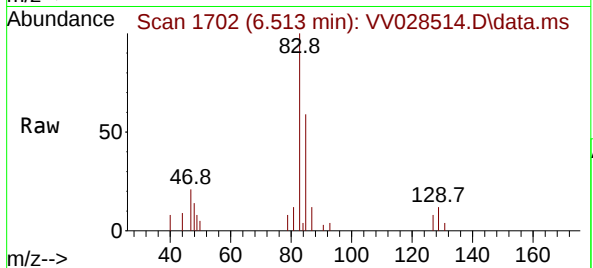
#38
Bromodichloromethane
Concen: 2.267 ug/L
RT: 6.513 min Scan# 1699
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

Tgt Ion: 83 Resp: 688
Ion Ratio Lower Upper
83 100
85 58.9 45.1 83.7
127 7.7 7.0 10.4

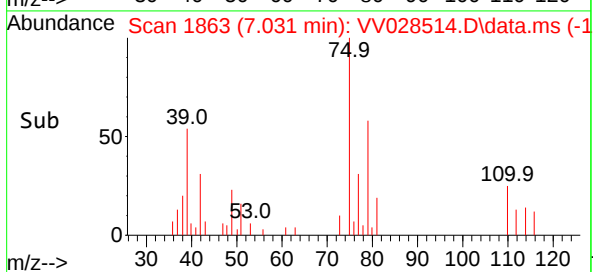
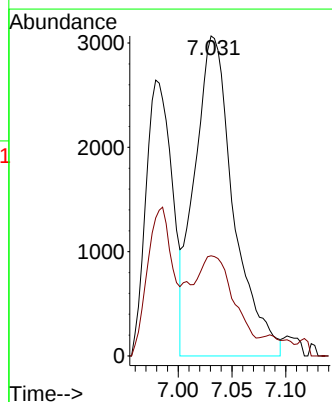
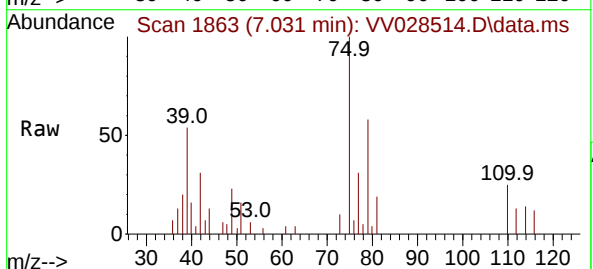
Manual Integrations
APPROVED

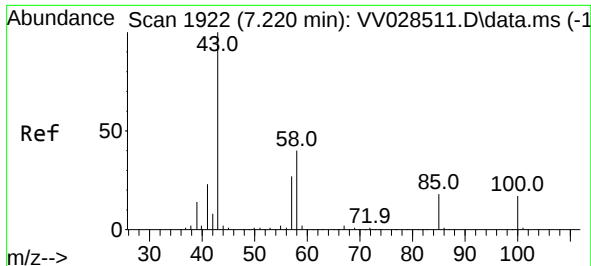
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#39
cis-1,3-Dichloropropene
Concen: 2.086 ug/L
RT: 7.031 min Scan# 1863
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 75 Resp: 7731
Ion Ratio Lower Upper
75 100
77 31.3 23.2 43.0





#40

4-Methyl-2-pentanone

Concen: 3.319 ug/L

RT: 7.230 min Scan# 1922

Delta R.T. 0.010 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-08

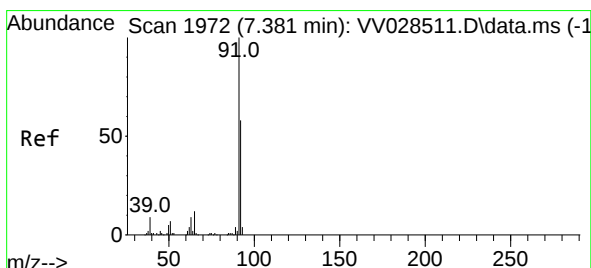
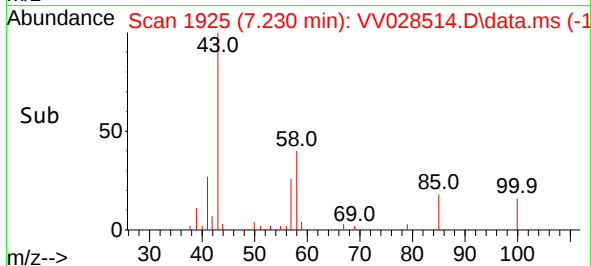
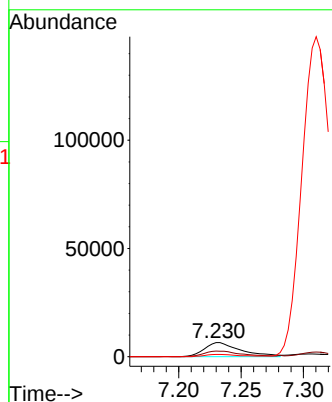
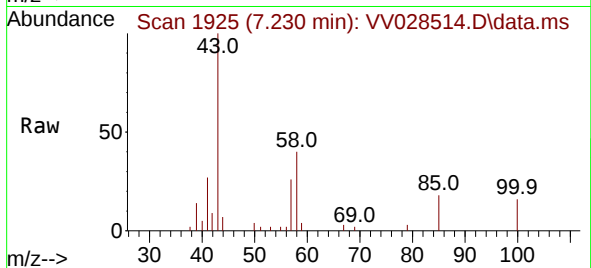
Tgt Ion:	43	Resp:	1318
Ion Ratio	Lower	Upper	
43	100		
58	41.5	31.3	46.9
100	13.0	11.5	17.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#42

Toluene

Concen: 2.089 ug/L

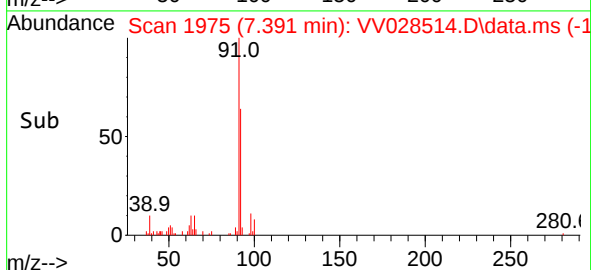
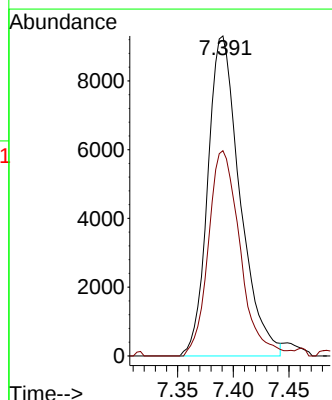
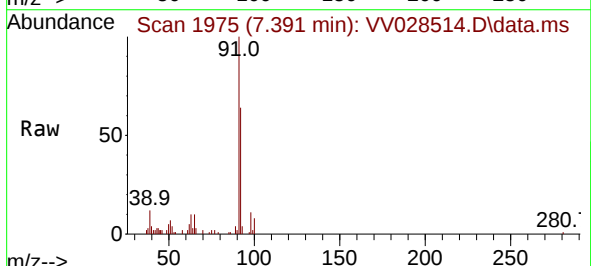
RT: 7.391 min Scan# 1975

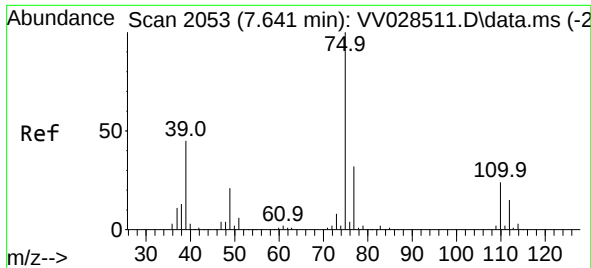
Delta R.T. 0.010 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Tgt Ion:	91	Resp:	18708
Ion Ratio	Lower	Upper	
91	100		
92	64.1	40.9	76.0





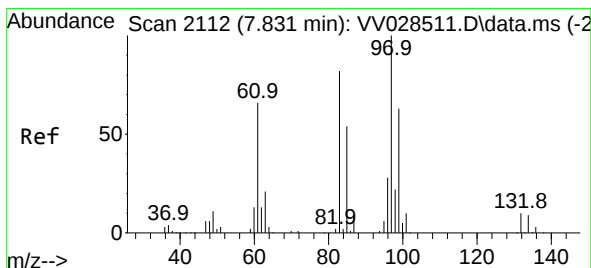
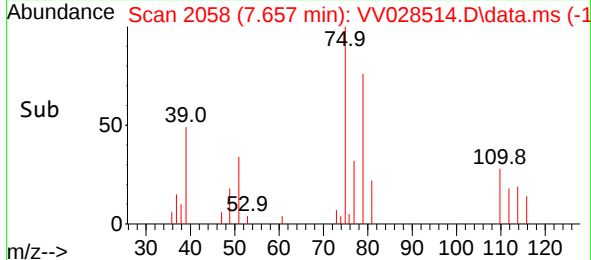
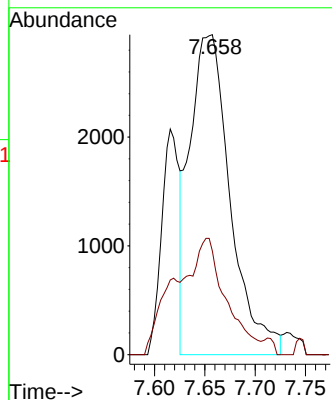
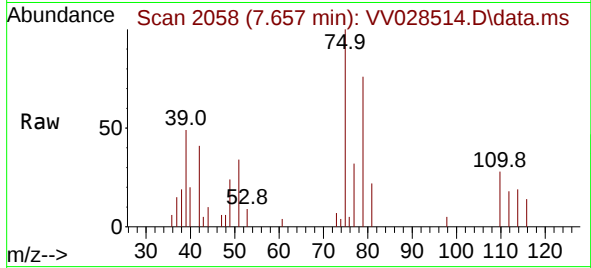
#44
trans-1,3-Dichloropropene
Concen: 2.320 ug/L m
RT: 7.657 min Scan# 2053
Delta R.T. 0.016 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

Tgt Ion: 75 Resp: 8254
Ion Ratio Lower Upper
75 100
77 32.4 21.8 40.4

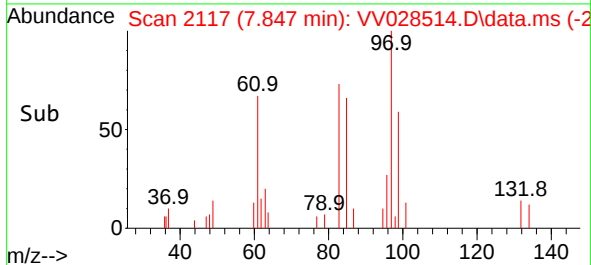
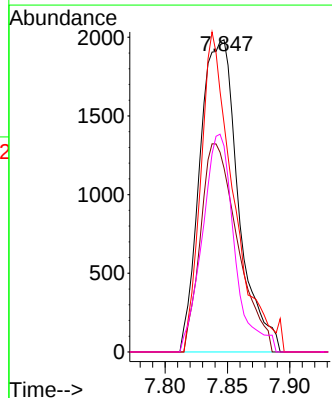
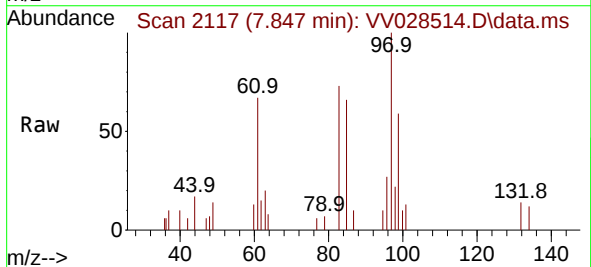
Manual Integrations
APPROVED

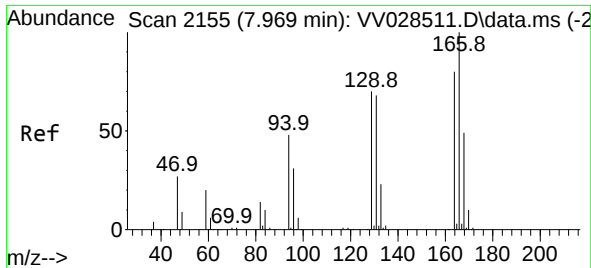
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#45
1,1,2-Trichloroethane
Concen: 1.977 ug/L
RT: 7.847 min Scan# 2117
Delta R.T. 0.016 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

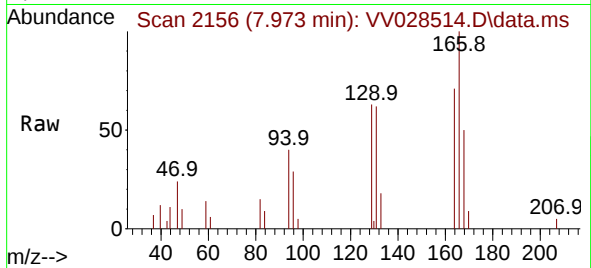
Tgt Ion: 97 Resp: 4265
Ion Ratio Lower Upper
97 100
99 58.9 43.9 81.5
83 73.2 61.9 114.9
85 66.0 39.1 72.5





#46
Tetrachloroethene
Concen: 2.110 ug/L
RT: 7.973 min Scan# 2155
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

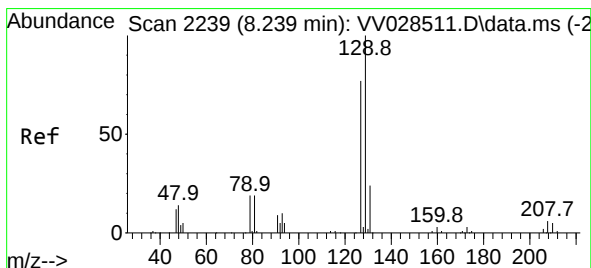
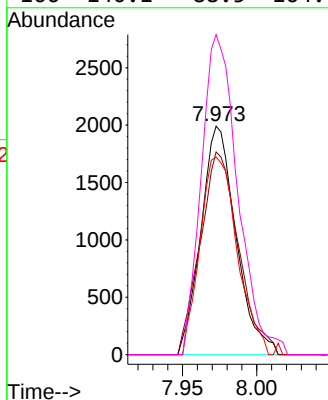
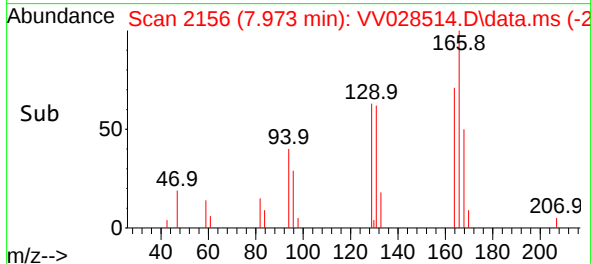
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08



Tgt Ion:164 Resp: 3268
Ion Ratio Lower Upper
164 100
129 88.7 67.4 125.2
131 86.5 65.2 121.2
166 140.1 88.5 164.4

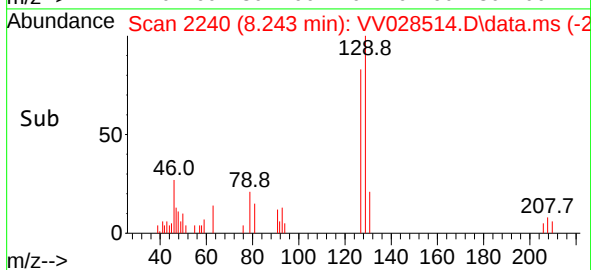
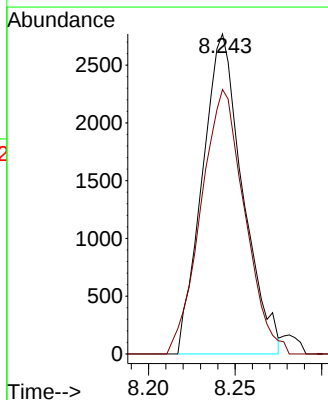
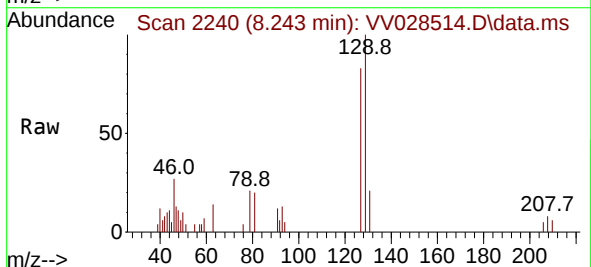
Manual Integrations
APPROVED

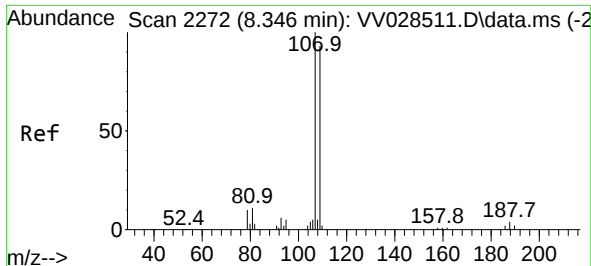
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#49
Dibromochloromethane
Concen: 1.936 ug/L
RT: 8.243 min Scan# 2240
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

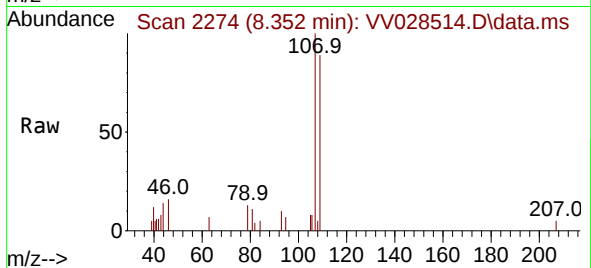
Tgt Ion:129 Resp: 4491
Ion Ratio Lower Upper
129 100
127 82.7 53.6 99.6





#50
1,2-Dibromoethane
Concen: 1.954 ug/L
RT: 8.352 min Scan# 2107
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

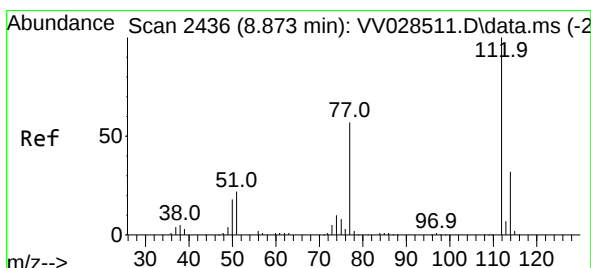
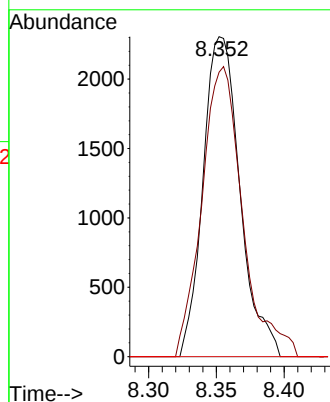
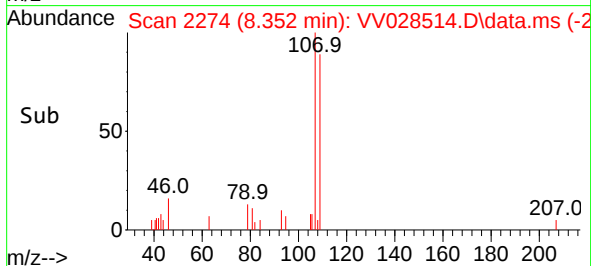
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08



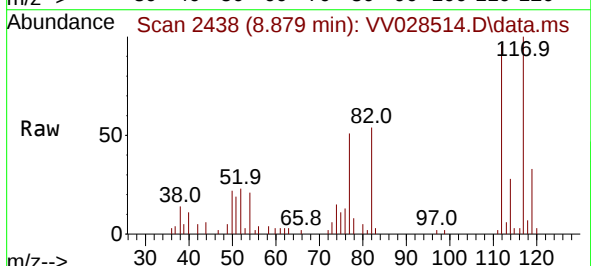
Tgt Ion:107 Resp: 4360
Ion Ratio Lower Upper
107 100
109 88.9 65.9 122.5
188 0.0 3.0 4.4

Manual Integrations
APPROVED

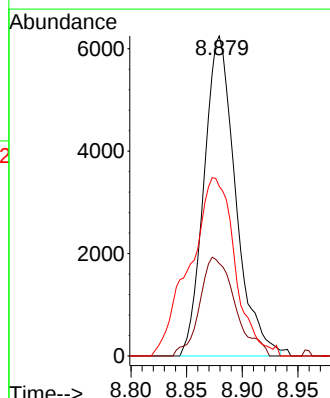
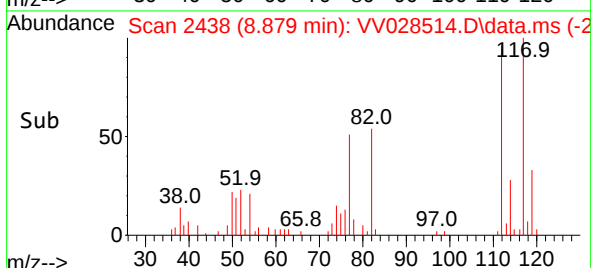
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

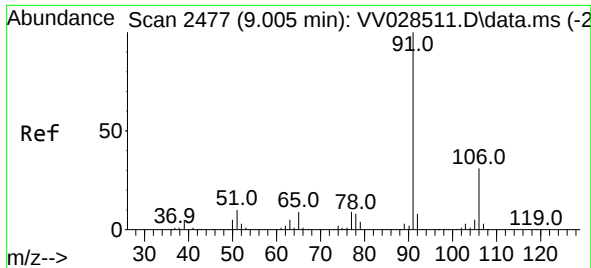


#51
Chlorobenzene
Concen: 2.192 ug/L
RT: 8.879 min Scan# 2438
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30



Tgt Ion:112 Resp: 12321
Ion Ratio Lower Upper
112 100
114 28.9 21.7 40.3
77 53.0 48.7 73.1





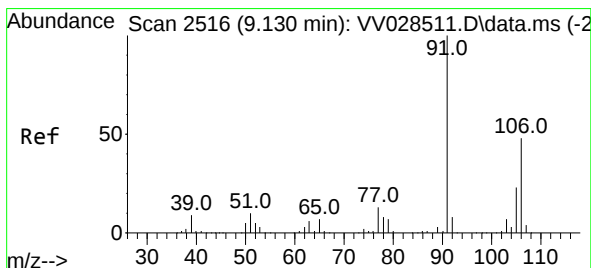
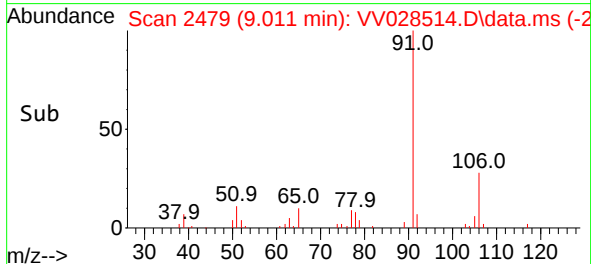
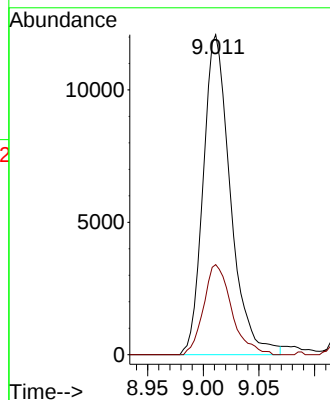
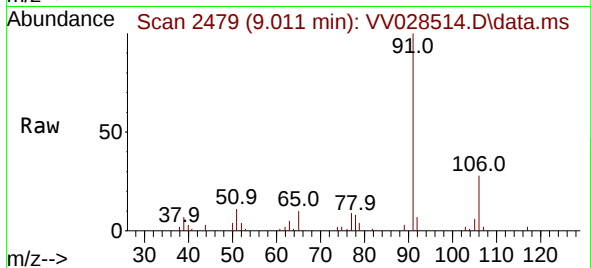
#52
Ethylbenzene
Concen: 2.103 ug/L
RT: 9.011 min Scan# 2477
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

Tgt Ion: 91 Resp: 20528
Ion Ratio Lower Upper
91 100
106 28.1 21.4 39.8

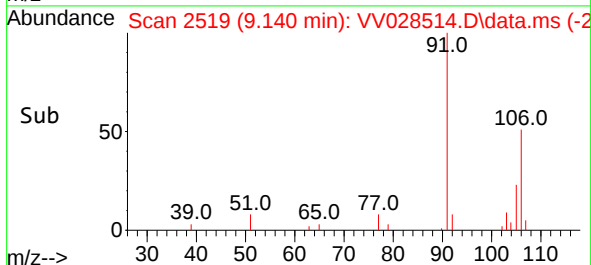
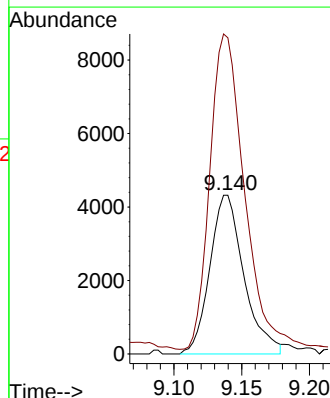
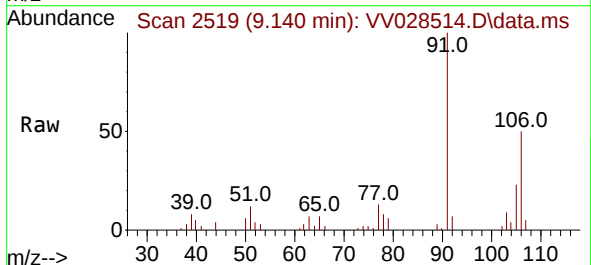
Manual Integrations
APPROVED

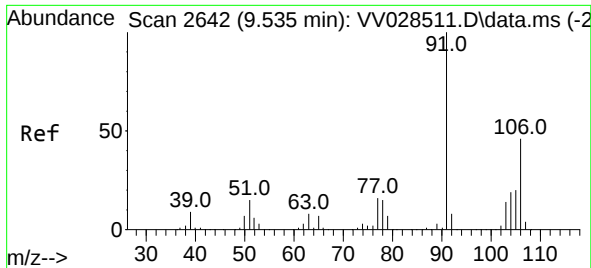
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#53
m,p-Xylene
Concen: 2.046 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion:106 Resp: 7570
Ion Ratio Lower Upper
106 100
91 199.1 145.2 269.6





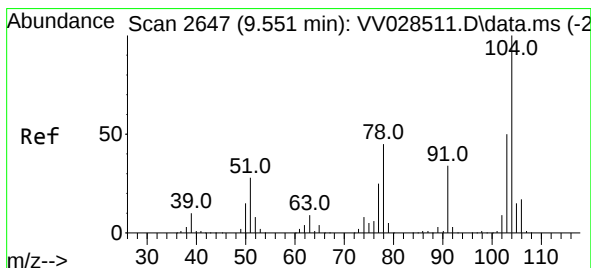
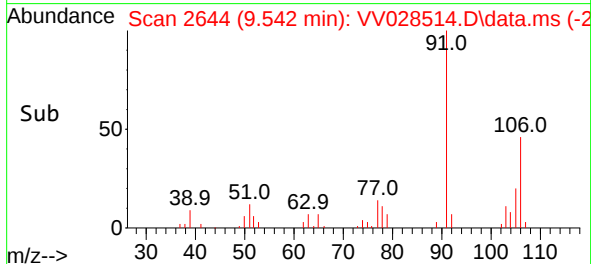
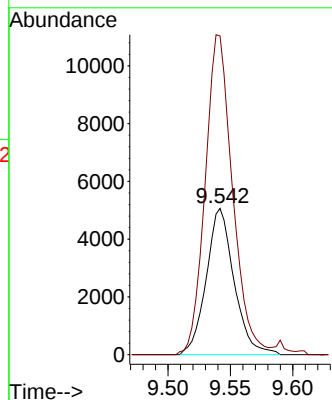
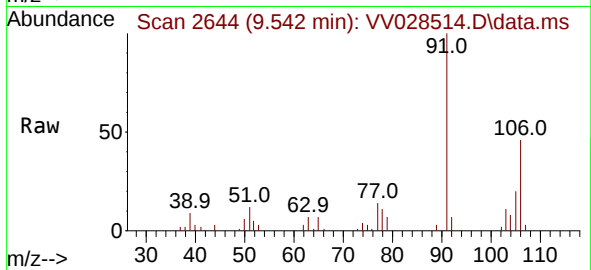
#54
o-Xylene
Concen: 2.126 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

Tgt Ion:106 Resp: 7878
Ion Ratio Lower Upper
106 100
91 217.8 152.5 283.3

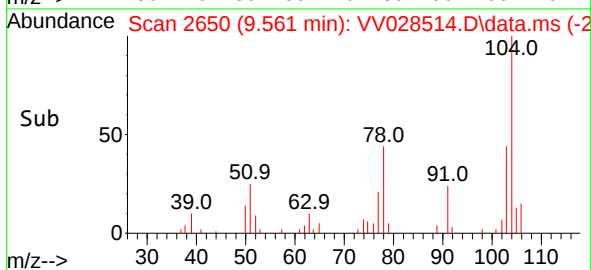
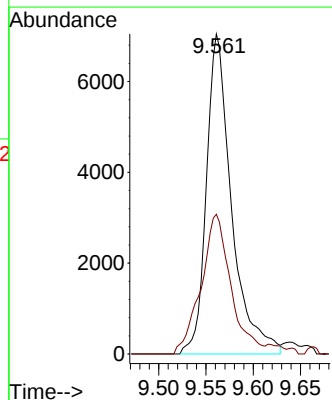
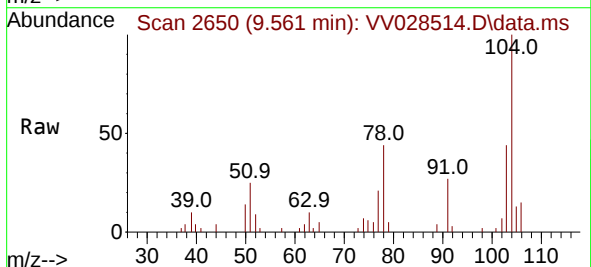
Manual Integrations
APPROVED

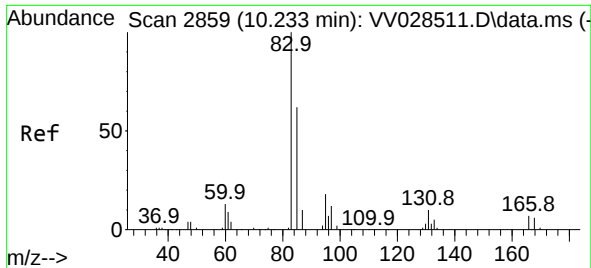
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#55
Styrene
Concen: 2.049 ug/L
RT: 9.561 min Scan# 2650
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

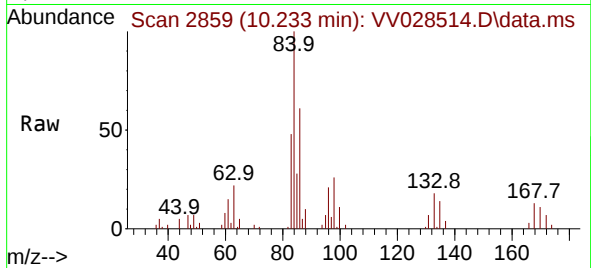
Tgt Ion:104 Resp: 13038
Ion Ratio Lower Upper
104 100
78 43.7 31.9 59.2





#57
1,1,2,2-Tetrachloroethane
Concen: 2.047 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. 0.000 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

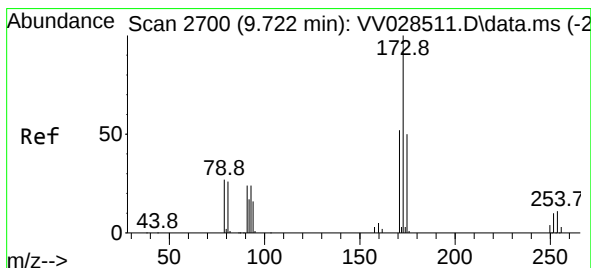
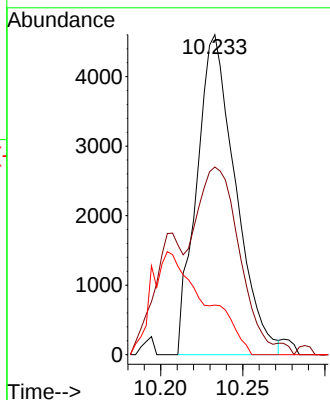
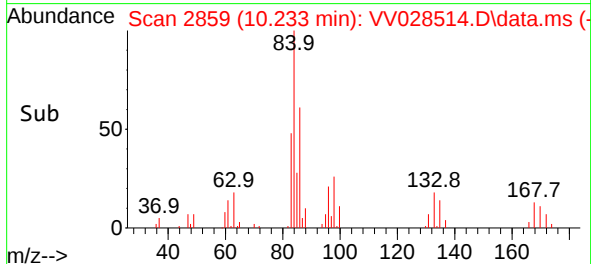
Instrument : MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08



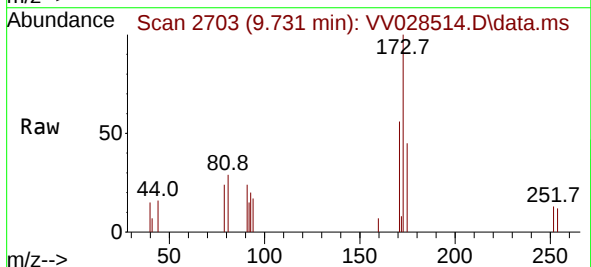
Tgt Ion: 83 Resp: 756
Ion Ratio Lower Upper
83 100
85 58.7 44.8 83.2
131 15.5 7.2 10.8

Manual Integrations
APPROVED

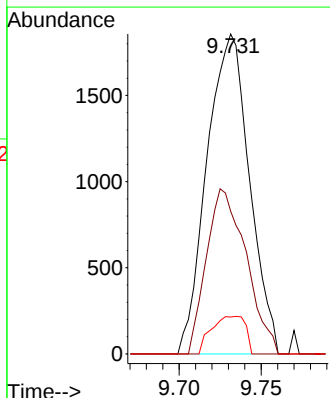
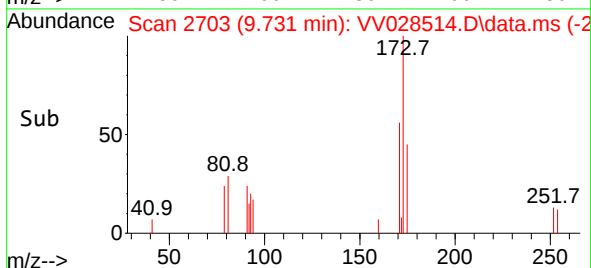
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

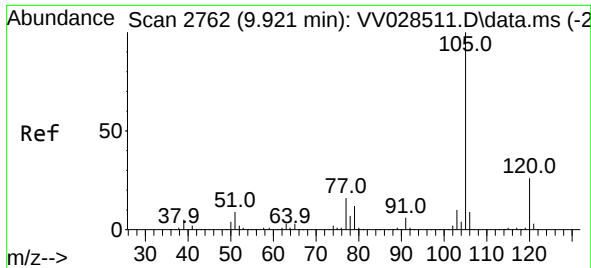


#59
Bromoform
Concen: 2.000 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. 0.010 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30



Tgt Ion:173 Resp: 3345
Ion Ratio Lower Upper
173 100
175 48.0 38.6 57.8
254 5.9 8.4 12.6





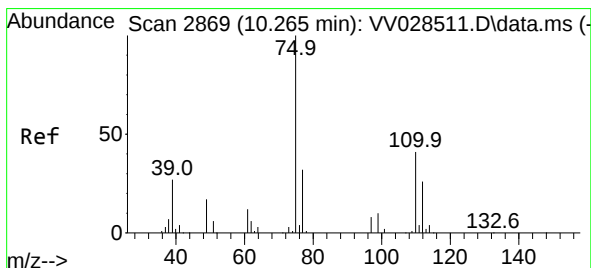
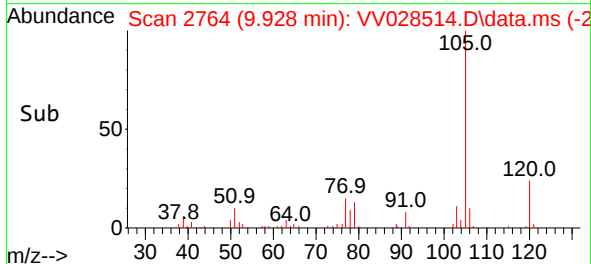
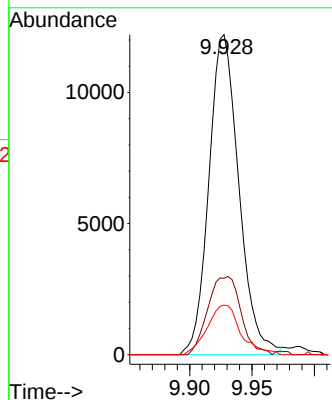
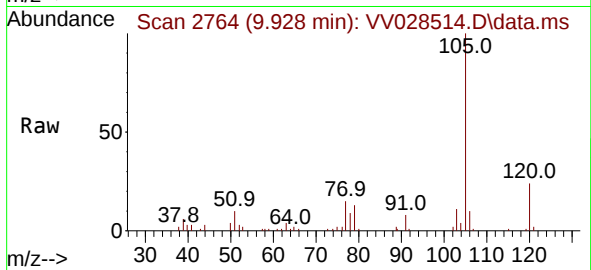
#60
Isopropylbenzene
Concen: 2.100 ug/L
RT: 9.928 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08

Tgt Ion:105 Resp: 2044
Ion Ratio Lower Upper
105 100
120 26.9 20.5 30.7
77 17.2 12.7 19.1

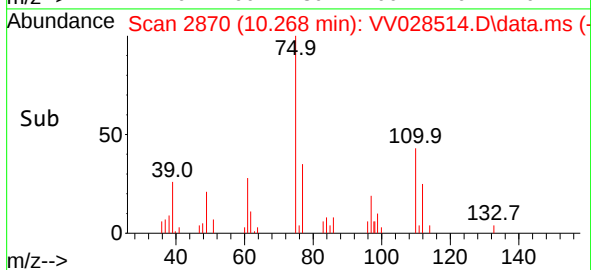
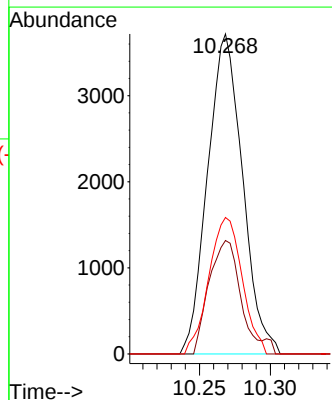
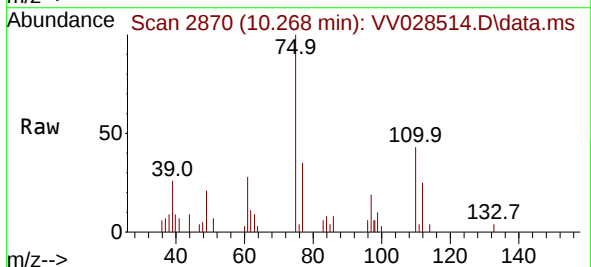
Manual Integrations
APPROVED

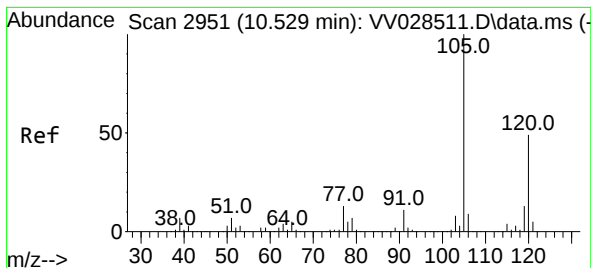
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#61
1,2,3-Trichloropropane
Concen: 2.211 ug/L
RT: 10.268 min Scan# 2870
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion: 75 Resp: 6357
Ion Ratio Lower Upper
75 100
77 31.9 25.7 38.5
110 40.6 30.0 45.0





#62

1,3,5-Trimethylbenzene

Concen: 2.146 ug/L

RT: 10.532 min Scan# 2951

Delta R.T. 0.003 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-08

Tgt Ion:105 Resp: 1809

Ion Ratio Lower Upper

105 100

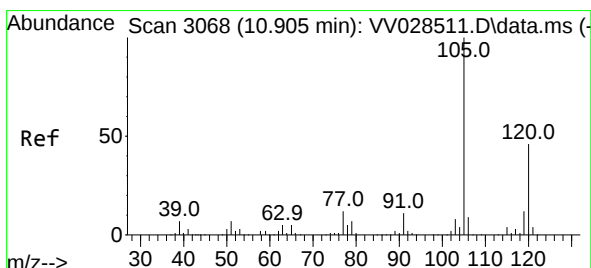
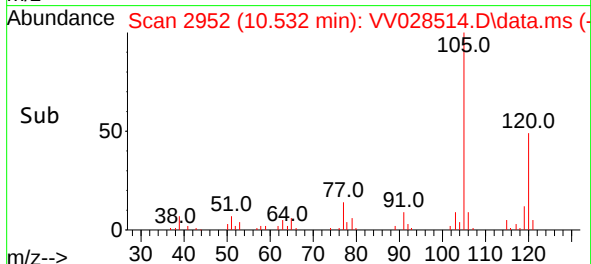
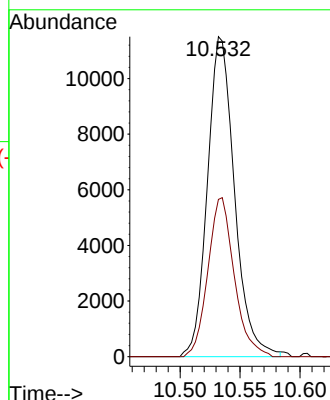
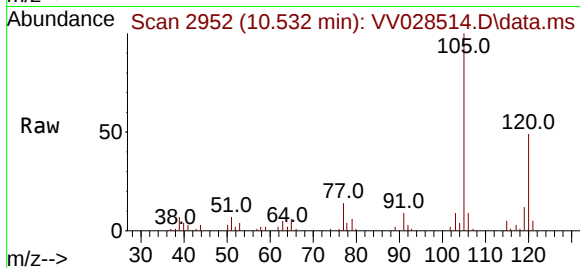
120 48.3 39.1 58.7

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#63

1,2,4-Trimethylbenzene

Concen: 2.098 ug/L

RT: 10.908 min Scan# 3069

Delta R.T. 0.003 min

Lab File: VV028514.D

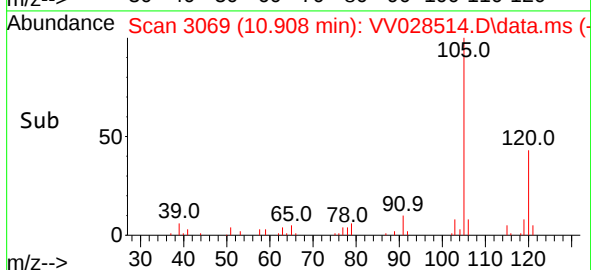
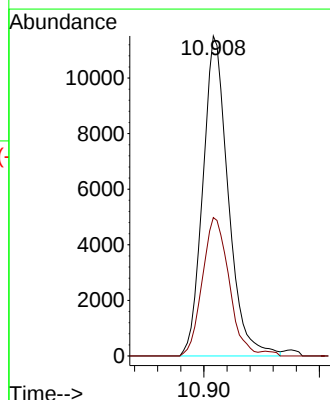
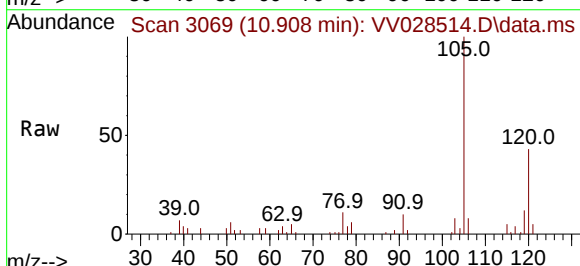
Acq: 11 Oct 2022 11:30

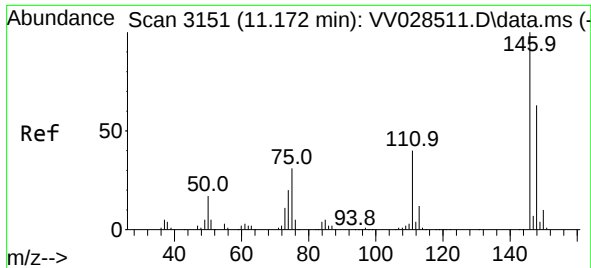
Tgt Ion:105 Resp: 17552

Ion Ratio Lower Upper

105 100

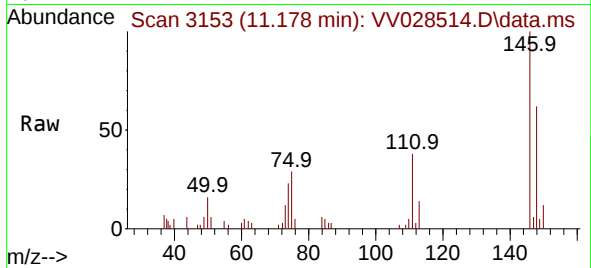
120 45.2 35.9 53.9





#64
1,3-Dichlorobenzene
Concen: 2.199 ug/L
RT: 11.178 min Scan# 3151
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

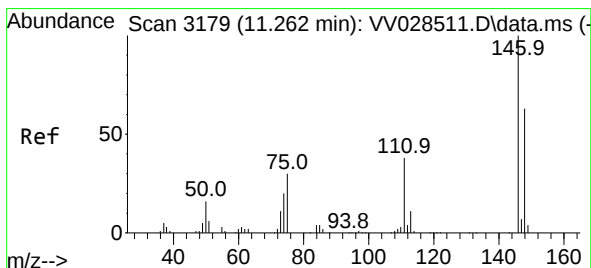
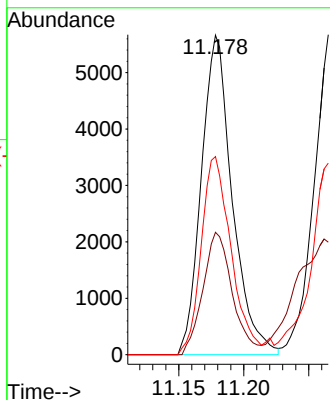
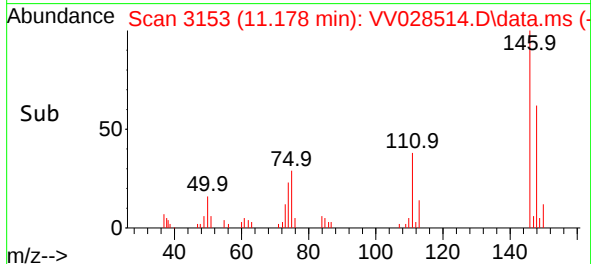
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08



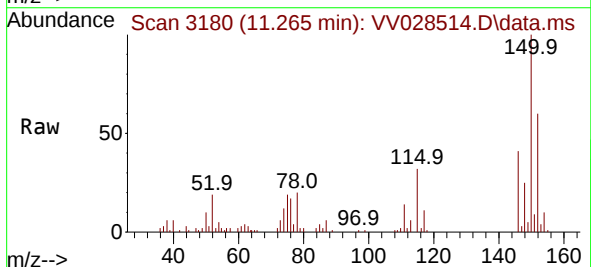
Tgt Ion:146 Resp: 9360
Ion Ratio Lower Upper
146 100
111 38.3 29.0 53.9
148 62.0 44.6 82.8

Manual Integrations
APPROVED

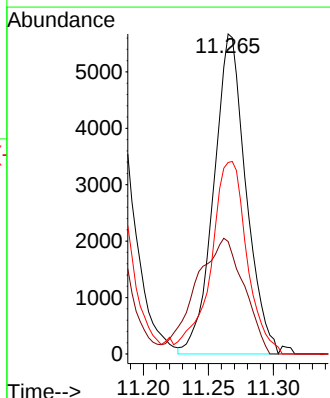
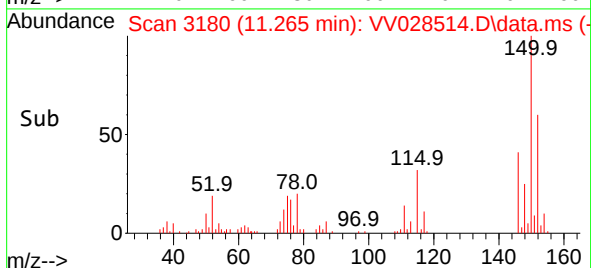
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

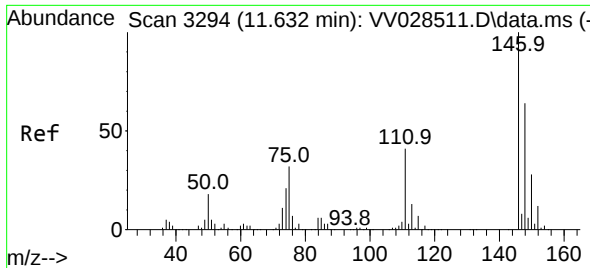


#65
1,4-Dichlorobenzene
Concen: 2.298 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30



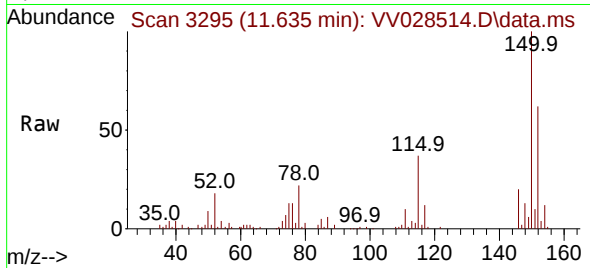
Tgt Ion:146 Resp: 9762
Ion Ratio Lower Upper
146 100
111 35.1 26.6 49.4
148 59.9 43.4 80.6





#67
1,2-Dichlorobenzene
Concen: 2.150 ug/L
RT: 11.635 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

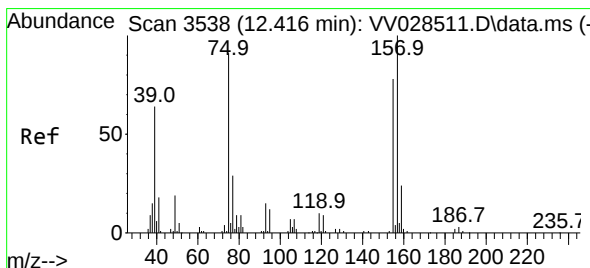
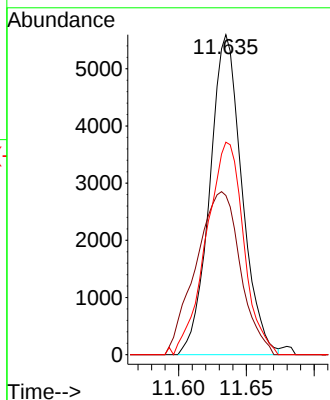
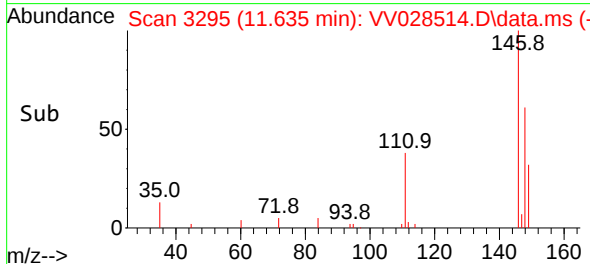
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08



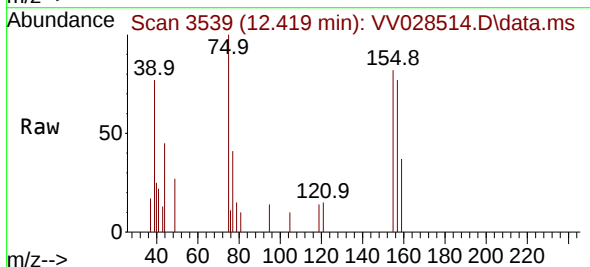
Tgt Ion:146 Resp: 9239
Ion Ratio Lower Upper
146 100
111 49.8 33.9 50.9
148 66.4 50.6 75.8

Manual Integrations
APPROVED

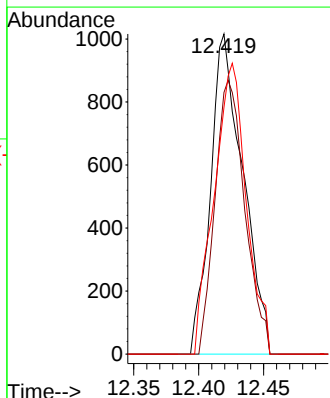
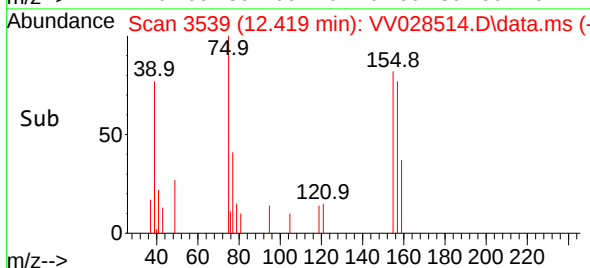
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022

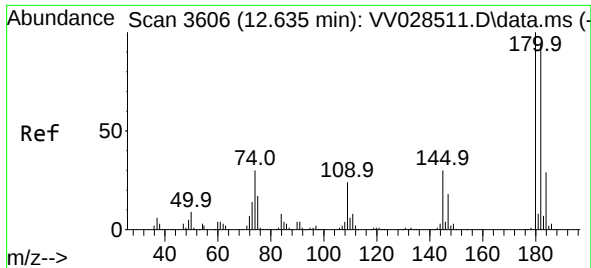


#68
1,2-Dibromo-3-chloropropane
Concen: 2.001 ug/L
RT: 12.419 min Scan# 3539
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30



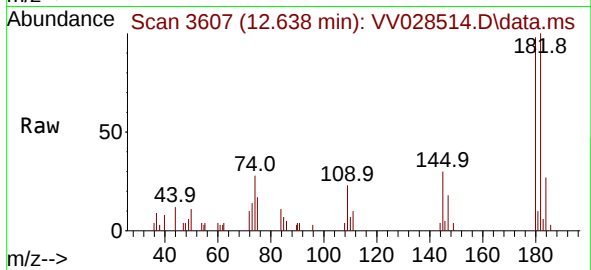
Tgt Ion: 75 Resp: 1761
Ion Ratio Lower Upper
75 100
155 81.7 65.0 97.6
157 77.1 86.0 129.0#





#69
1,3,5-Trichlorobenzene
Concen: 2.117 ug/L
RT: 12.638 min Scan# 3606
Delta R.T. 0.003 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

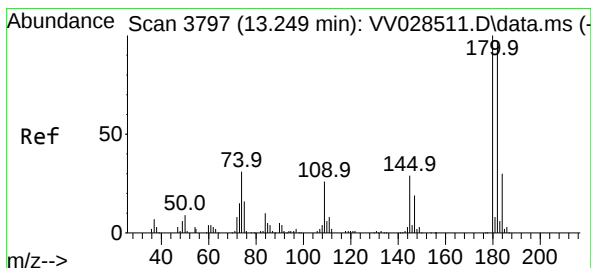
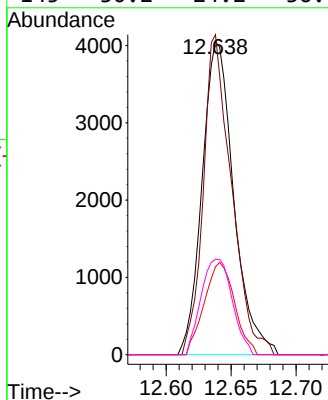
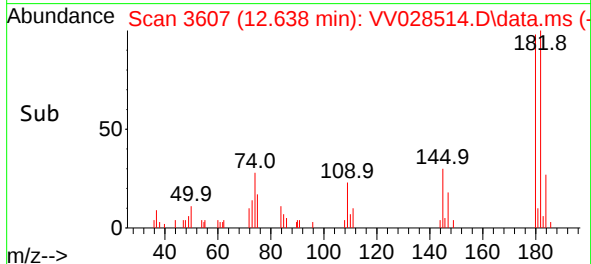
Instrument :
MSVOA_V
ClientSampleId :
MDL-WATER-QT4-2022-08



Tgt Ion:180 Resp: 6844
Ion Ratio Lower Upper
180 100
182 91.3 75.9 113.9
184 28.2 24.0 36.0
145 30.2 24.2 36.4

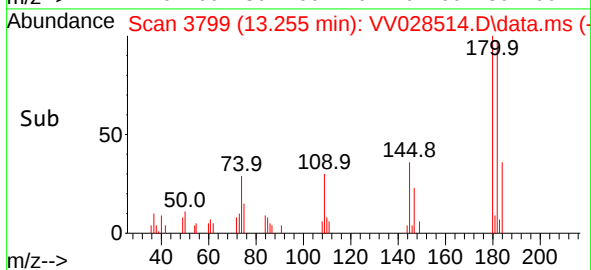
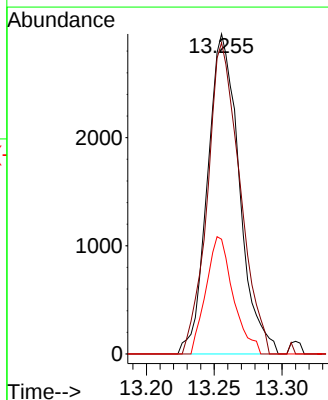
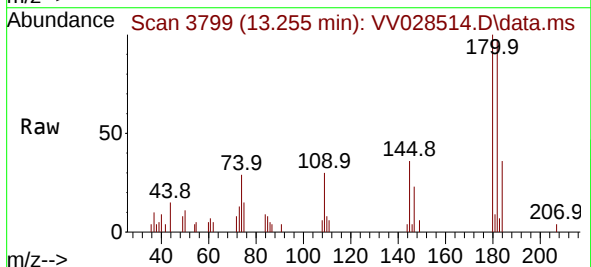
Manual Integrations
APPROVED

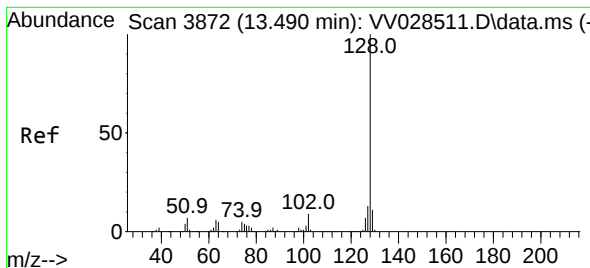
Reviewed By :Krupa Patel 10/12/2022
Supervised By :Mahesh Dadoda 10/12/2022



#70
1,2,4-trichlorobenzene
Concen: 1.690 ug/L
RT: 13.255 min Scan# 3799
Delta R.T. 0.006 min
Lab File: VV028514.D
Acq: 11 Oct 2022 11:30

Tgt Ion:180 Resp: 4816
Ion Ratio Lower Upper
180 100
182 99.0 75.3 112.9
145 31.3 24.3 36.5





#71

Naphthalene

Concen: 1.445 ug/L

RT: 13.496 min Scan# 3872

Delta R.T. 0.006 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Instrument :

MSVOA_V

ClientSampleId :

MDL-WATER-QT4-2022-08

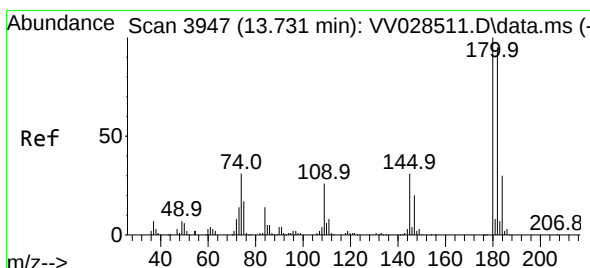
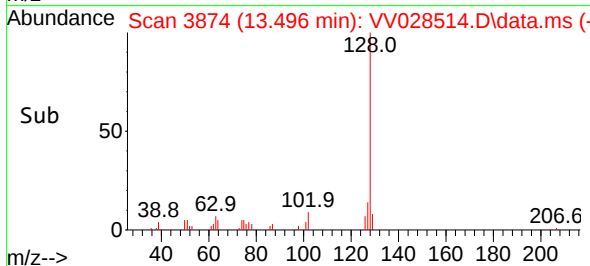
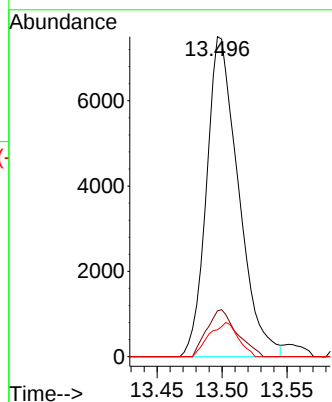
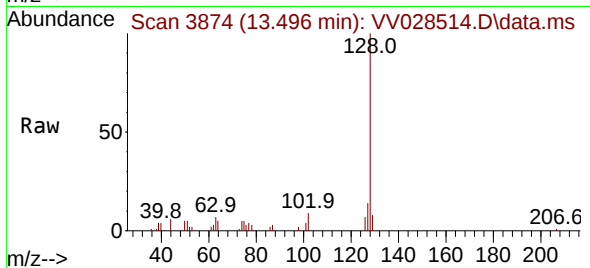
Tgt Ion:128	Resp:	1280
Ion Ratio	Lower	Upper
128	100	
127	13.8	10.6 15.8
129	9.6	8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 10/12/2022

Supervised By :Mahesh Dadoda 10/12/2022



#72

1,2,3-Trichlorobenzene

Concen: 1.745 ug/L

RT: 13.738 min Scan# 3949

Delta R.T. 0.006 min

Lab File: VV028514.D

Acq: 11 Oct 2022 11:30

Tgt Ion:180	Resp:	4848
Ion Ratio	Lower	Upper
180	100	
182	102.0	75.4 113.0
145	34.4	26.5 39.7

