

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024182.D
 Acq On : 27 Dec 2021 16:16
 Operator : SY/MD
 Sample : M5233-12MS
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9MS

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

Quant Time: Dec 28 05:50:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 28 05:23:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	152145	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	154963	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	94528	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	32481	2.838	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	56.800%
7) Chloroethane-d5	1.564	69	38950	4.081	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.600%
11) 1,1-Dichloroethene-d2	2.111	63	81005	2.912	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	3.918	46	42884	33.736	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.480%
24) Chloroform-d	4.349	84	83038	3.418	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	68.400%#
26) 1,2-Dichloroethane-d4	5.037	65	33444	3.075	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.600%#
32) Benzene-d6	5.053	84	135200	3.231	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.600%#
36) 1,2-Dichloropropane-d6	6.069	67	35796	3.123	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	62.400%
41) Toluene-d8	7.317	98	137011	3.322	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	66.400%#
43) trans-1,3-Dichloroprop...	7.622	79	16037	3.304	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.000%
46) 2-Hexanone-d5	8.088	63	58007	35.543	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.080%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26612	3.400	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	55409	3.372	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	67.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	139034	3.953	ug/L	99
3) Chloromethane	1.236	50	90657	3.411	ug/L	97
5) Vinyl chloride	1.307	62	106444	3.914	ug/L	99
6) Bromomethane	1.519	94	53495	3.083	ug/L	98
8) Chloroethane	1.580	64	6816775	431.095	ug/L	91
9) Trichlorofluoromethane	1.751	101	157755	3.568	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	76680	3.614	ug/L	99
12) 1,1-Dichloroethene	2.117	96	72250	3.458	ug/L	88
13) Acetone	2.207	43	88404	49.002	ug/L	76
14) Carbon disulfide	2.291	76	261013	3.867	ug/L	99
15) Methyl Acetate	2.433	43	39356	8.786	ug/L #	74
16) Methylene chloride	2.506	84	84382	3.779	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	198738	4.705	ug/L #	52
18) trans-1,2-Dichloroethene	2.757	96	88816	4.003	ug/L	96
19) 1,1-Dichloroethane	3.188	63	212633	5.757	ug/L	99
21) 2-Butanone	3.992	43	103760	43.713	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	93636	4.265	ug/L	96
23) Bromochloromethane	4.246	128	35840	3.416	ug/L	90
25) Chloroform	4.381	83	268577	6.508	ug/L	85

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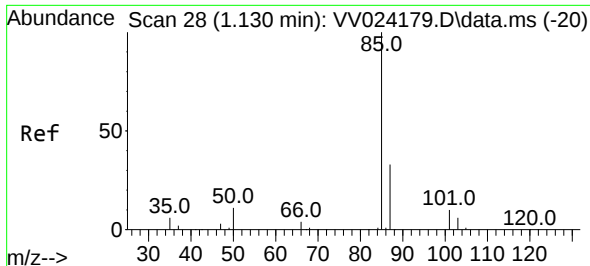
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	80686m	3.493	ug/L	
29) 1,1,1-Trichloroethane	4.606	97	148273	3.794	ug/L	99
30) Cyclohexane	4.677	56	307490	10.578	ug/L	97
31) Carbon tetrachloride	4.825	117	137209	3.786	ug/L	99
33) Benzene	5.101	78	11219285	138.000	ug/L	100
34) Trichloroethene	5.911	95	94358	4.113	ug/L	97
35) Methylcyclohexane	6.130	83	266833	8.032	ug/L	98
37) 1,2-Dichloropropane	6.172	63	68413	3.650	ug/L #	89
38) Bromodichloromethane	6.510	83	104998	3.909	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	114495	4.214	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	330169	36.852	ug/L	97
42) Toluene	7.387	91	3395181	37.425	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	92724	3.996	ug/L	100
45) 1,1,2-Trichloroethane	7.837	97	47657	3.429	ug/L	97
47) Tetrachloroethene	7.976	164	81167	3.977	ug/L	99
48) 2-Hexanone	8.140	43	228223	34.805	ug/L #	85
49) Dibromochloromethane	8.246	129	69100	3.697	ug/L	99
50) 1,2-Dibromoethane	8.352	107	47672	3.610	ug/L	95
51) Chlorobenzene	8.879	112	493810	8.215	ug/L	99
52) Ethylbenzene	9.014	91	6360720	65.946	ug/L	98
53) m,p-xylene	9.140	106	2998226	78.362	ug/L	99
54) o-xylene	9.545	106	1613220	44.033	ug/L	99
55) Styrene	9.558	104	343439	5.564	ug/L #	61
57) 1,1,2,2-Tetrachloroethane	10.242	83	52978	3.934	ug/L #	98
59) Bromoform	9.731	173	39075	3.836	ug/L	97
60) Isopropylbenzene	9.931	105	939258	9.399	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	38636	3.455	ug/L #	72
62) 1,3,5-Trimethylbenzene	10.538	105	530537	6.296	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	1681703	19.581	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	239880	4.633	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	260902	5.084	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	540132	11.524	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	12560	5.207	ug/L	90
69) 1,3,5-Trichlorobenzene	12.644	180	182874	4.435	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	147536	4.647	ug/L #	95
71) Naphthalene	13.500	128	1391958	29.526	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	125774	4.504	ug/L #	95

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



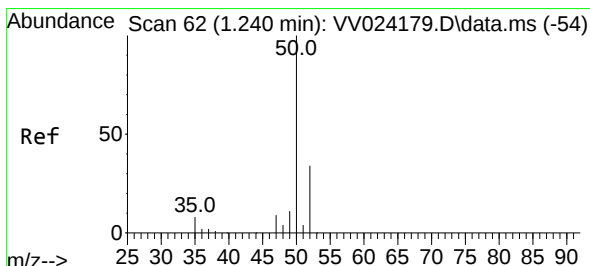
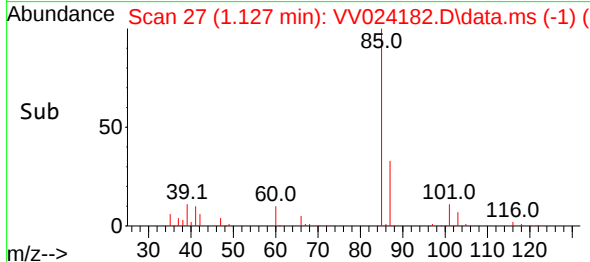
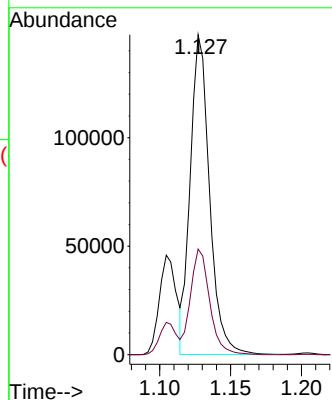
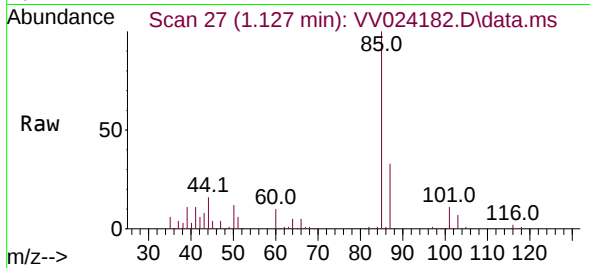
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 Dichlorodifluoromethane
 Concen: 3.953 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024182.D
 Acq: 27 Dec 2021 16:16

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9MS

Tgt Ion: 85 Resp: 139034
 Ion Ratio Lower Upper
 85 100
 87 33.0 26.0 39.0

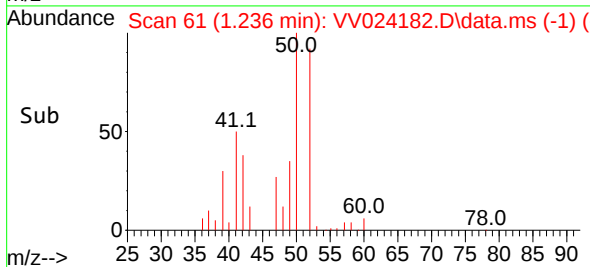
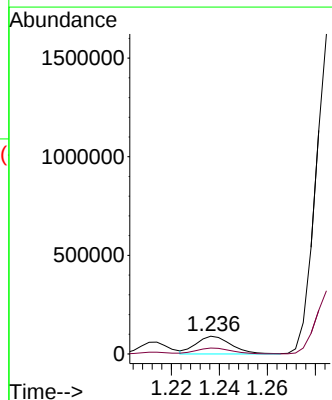
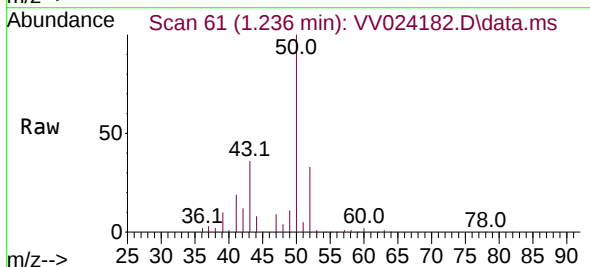
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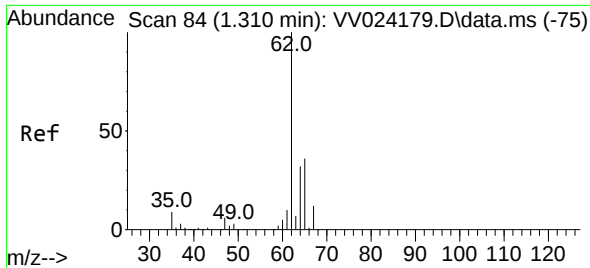
Reviewed By :Amit Patel 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#3
 Chloromethane
 Concen: 3.411 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV024182.D
 Acq: 27 Dec 2021 16:16

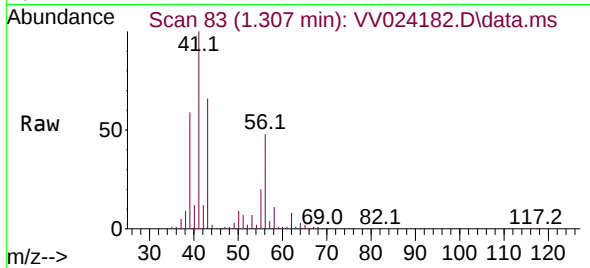
Tgt Ion: 50 Resp: 90657
 Ion Ratio Lower Upper
 50 100
 52 33.2 22.0 41.0





#5
 Vinyl chloride
 Concen: 3.914 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV024182.D
 Acq: 27 Dec 2021 16:16

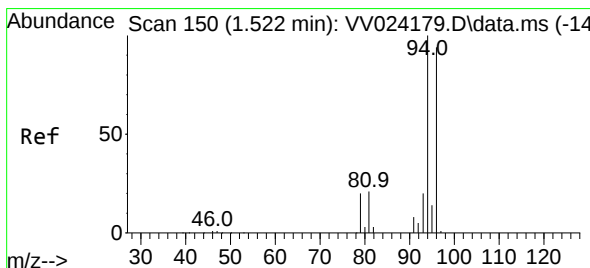
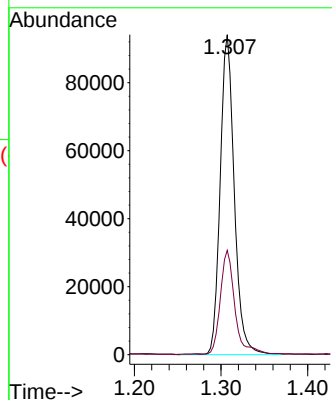
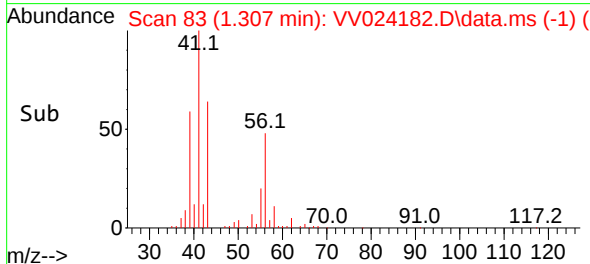
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9MS



Tgt Ion: 62 Resp: 10644
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.4 41.6

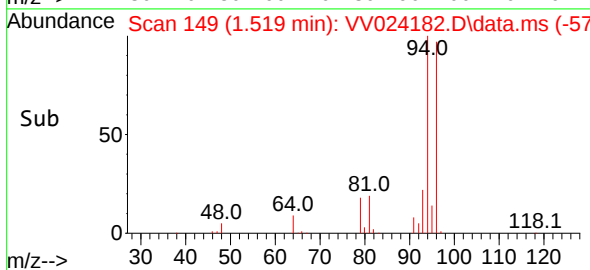
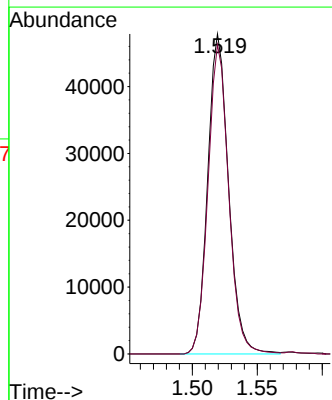
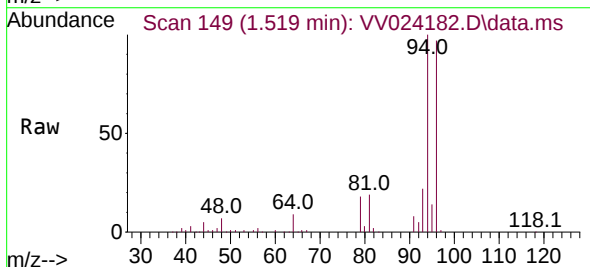
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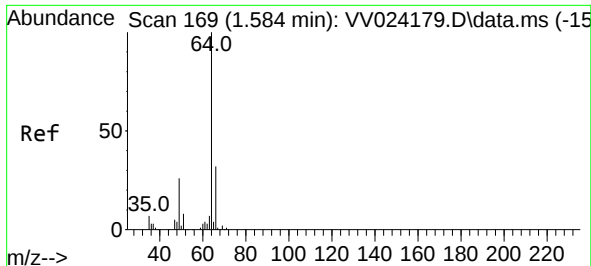
Reviewed By :Amit Patel 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#6
 Bromomethane
 Concen: 3.083 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV024182.D
 Acq: 27 Dec 2021 16:16

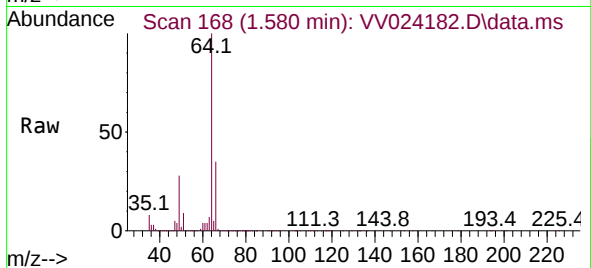
Tgt Ion: 94 Resp: 53495
 Ion Ratio Lower Upper
 94 100
 96 96.7 66.2 123.0





#8
Chloroethane
Concen: 431.095 ug/L
RT: 1.580 min Scan# 10
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

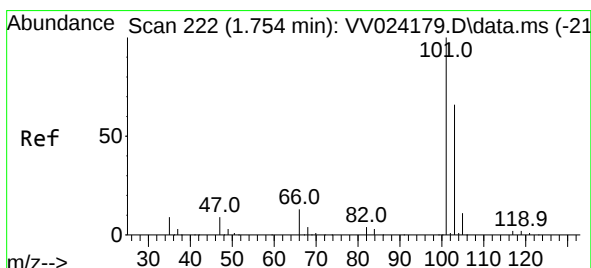
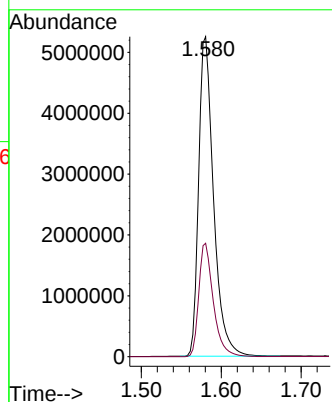
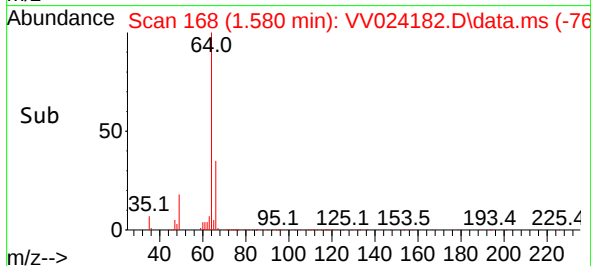
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



Tgt Ion: 64 Resp: 6816775
Ion Ratio Lower Upper
64 100
66 35.4 21.4 39.8

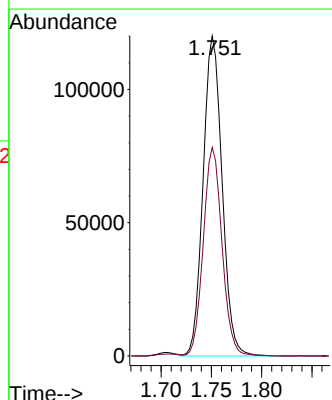
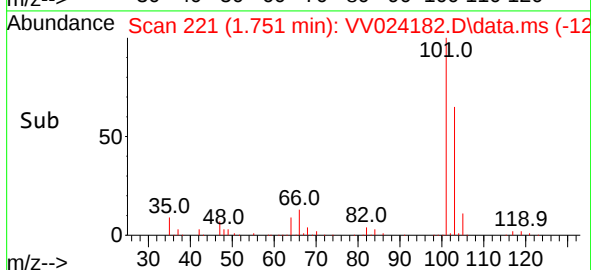
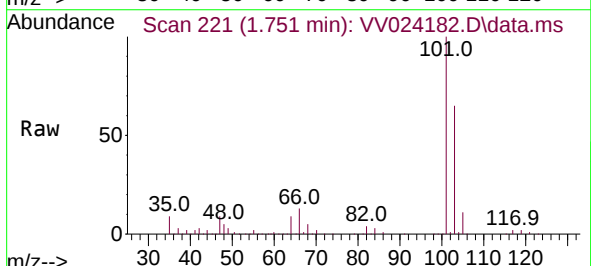
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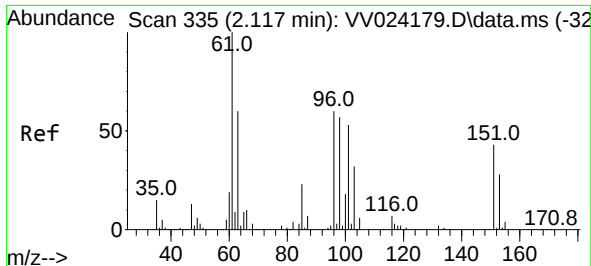
Reviewed By :Amit Patel 12/29/2021
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#9
Trichlorofluoromethane
Concen: 3.568 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

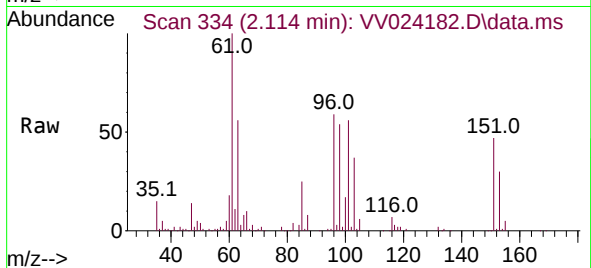
Tgt Ion:101 Resp: 157755
Ion Ratio Lower Upper
101 100
103 64.1 51.6 77.4





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.614 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

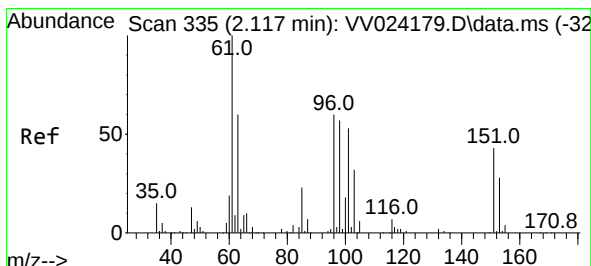
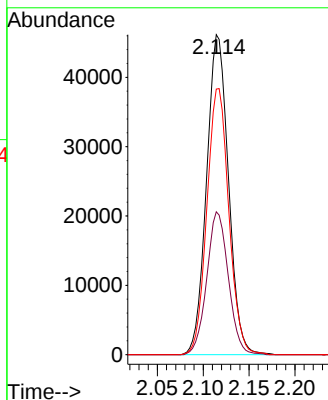
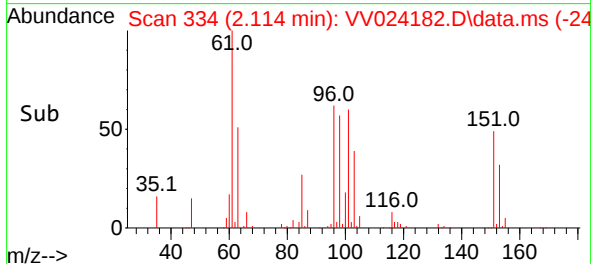
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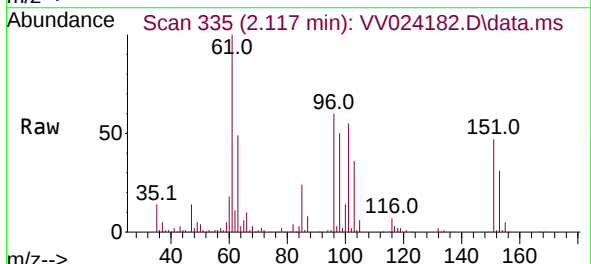
Tgt Ion:101 Resp: 76680
Ion Ratio Lower Upper
101 100
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151 83.5 66.4 99.6

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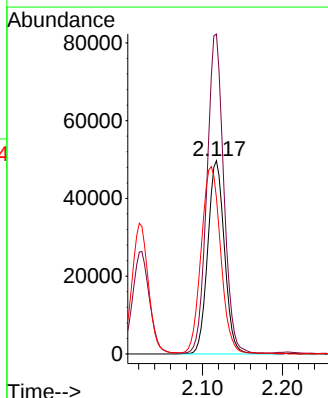
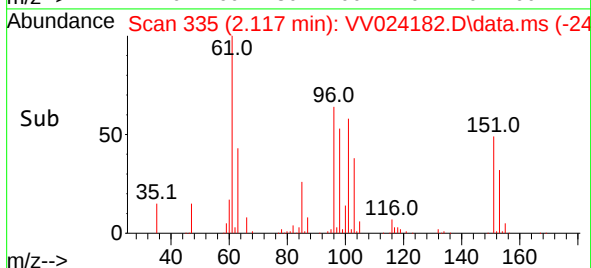
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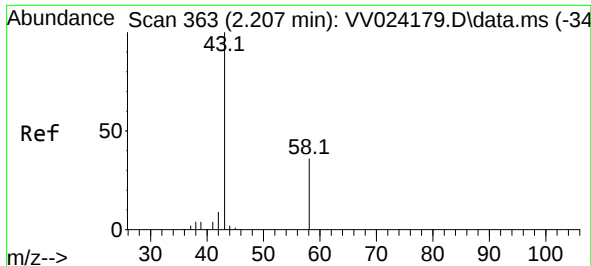


#12
1,1-Dichloroethene
Concen: 3.458 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16



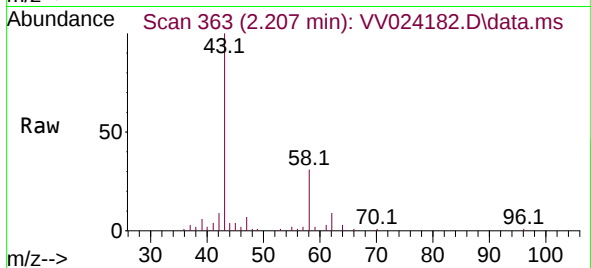
Tgt Ion: 96 Resp: 72250
Ion Ratio Lower Upper
96 100
61 165.5 116.1 215.5
63 80.7 79.4 147.4





#13
Acetone
Concen: 49.002 ug/L
RT: 2.207 min Scan# 30
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

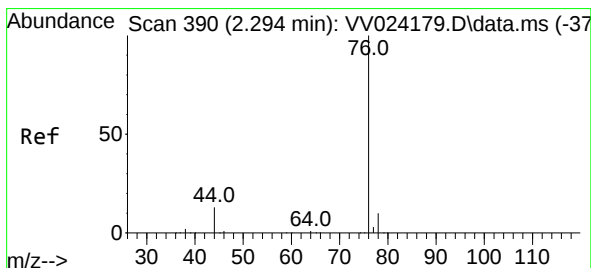
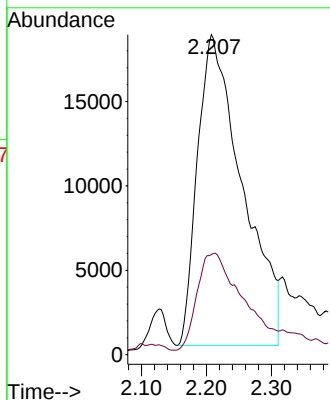
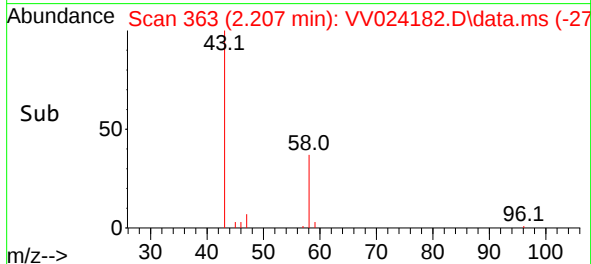
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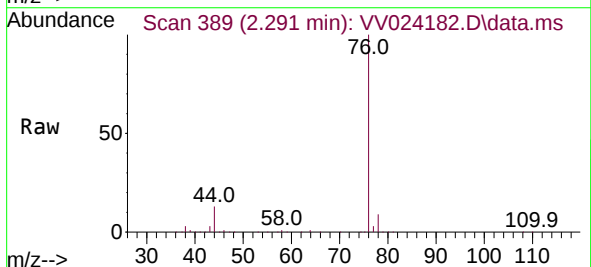
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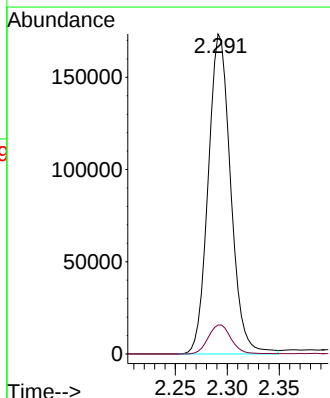
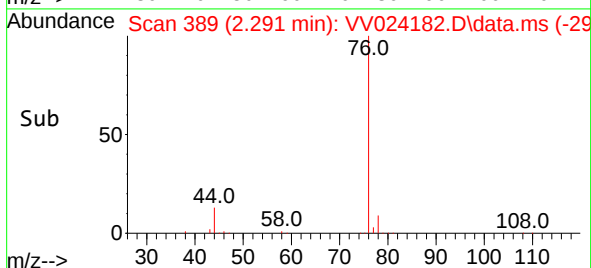
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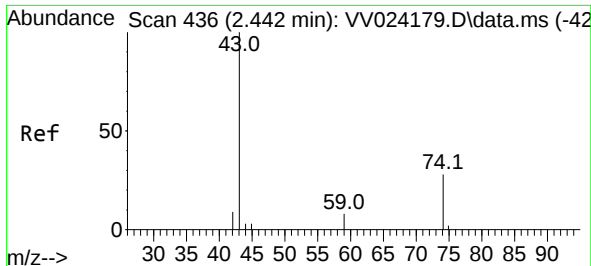


#14
Carbon disulfide
Concen: 3.867 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16



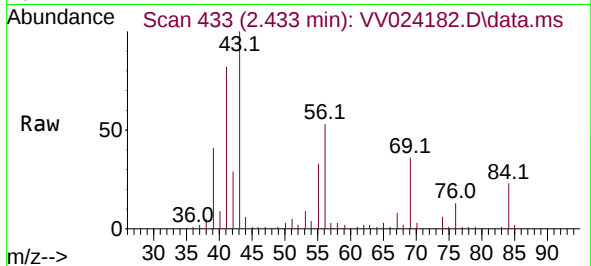
Tgt Ion: 76 Resp: 261013
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3





#15
Methyl Acetate
Concen: 8.786 ug/L
RT: 2.433 min Scan# 41
Delta R.T. -0.013 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

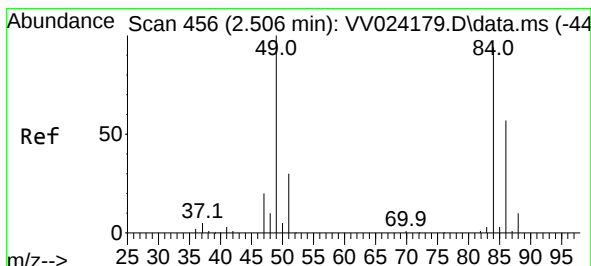
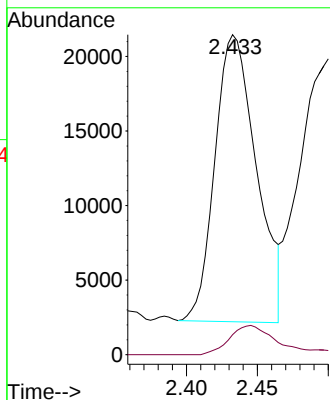
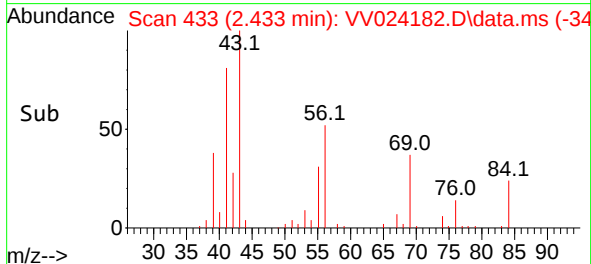
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



Tgt Ion: 43 Resp: 39350
Ion Ratio Lower Upper
43 100
74 12.1 20.2 30.2

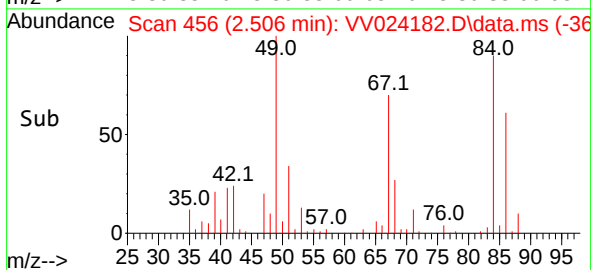
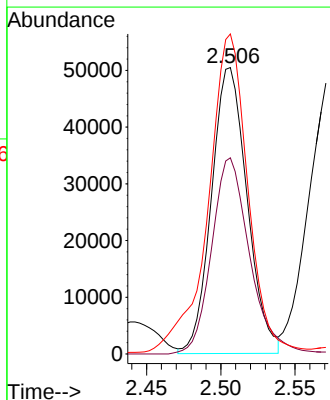
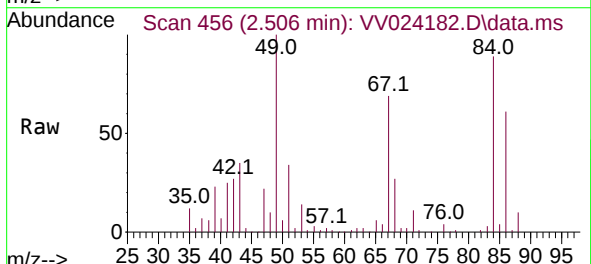
Manual Integrations
APPROVED

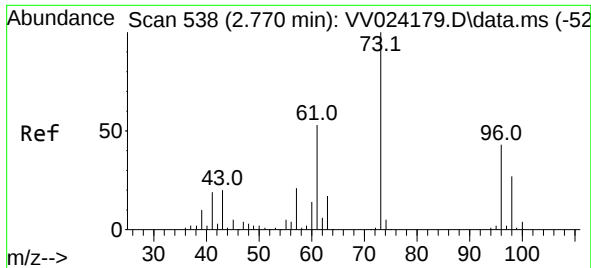
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#16
Methylene chloride
Concen: 3.779 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

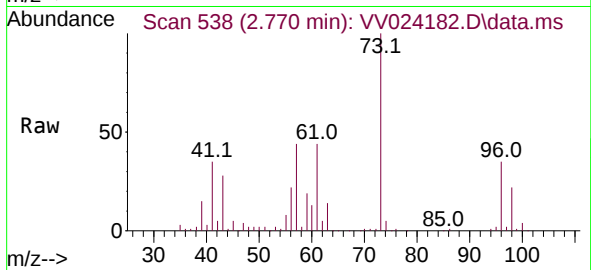
Tgt Ion: 84 Resp: 84382
Ion Ratio Lower Upper
84 100
86 68.5 42.6 79.0
49 111.8 79.7 147.9





#17
Methyl tert-butyl Ether
Concen: 4.705 ug/L
RT: 2.770 min Scan# 538
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

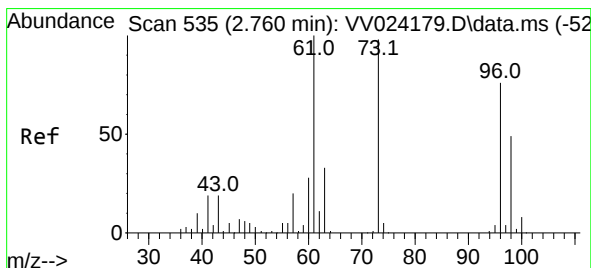
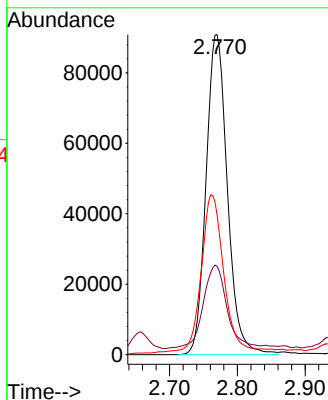
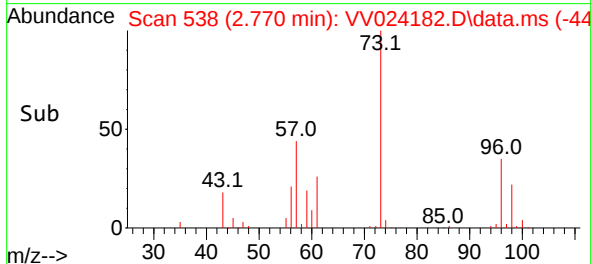
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



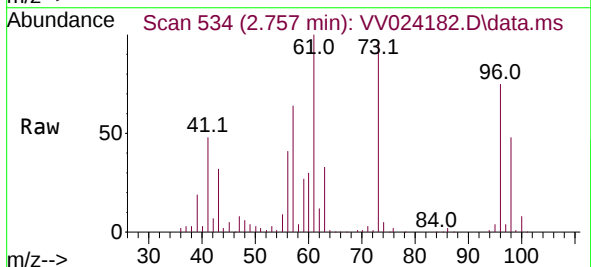
Tgt Ion: 73 Resp: 198738
Ion Ratio Lower Upper
73 100
43 29.3 15.5 23.3
57 55.5 17.1 25.7

Manual Integrations
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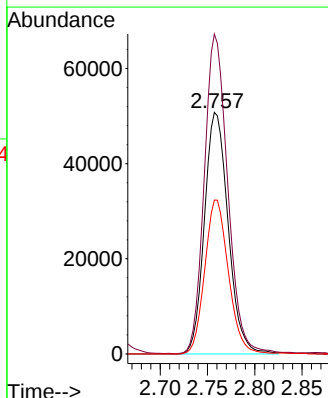
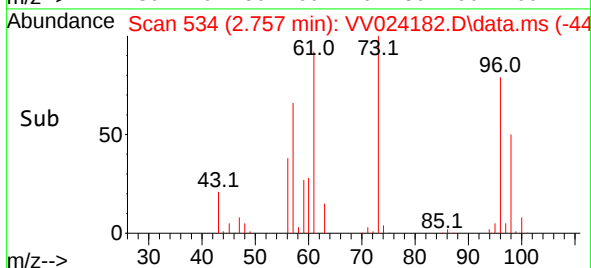
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

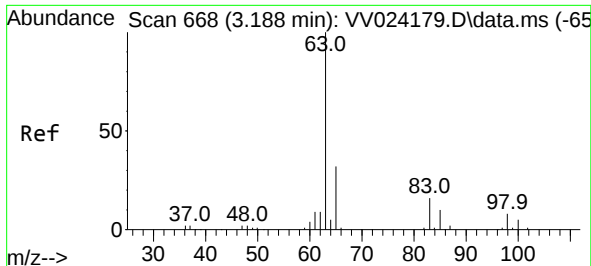


#18
trans-1,2-Dichloroethene
Concen: 4.003 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16



Tgt Ion: 96 Resp: 88816
Ion Ratio Lower Upper
96 100
61 132.5 88.2 163.8
98 63.7 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.757 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.003 min

Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MS

Tgt Ion: 63 Resp: 21263

Ion Ratio Lower Upper

63 100

65 32.3 22.3 41.3

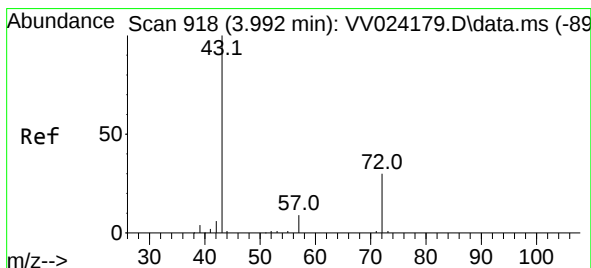
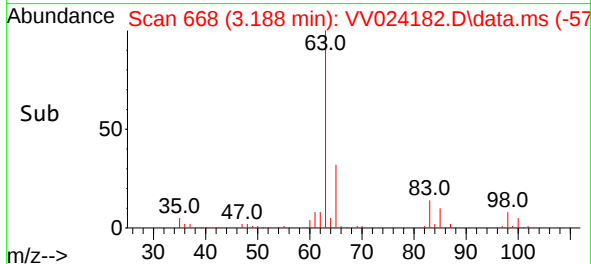
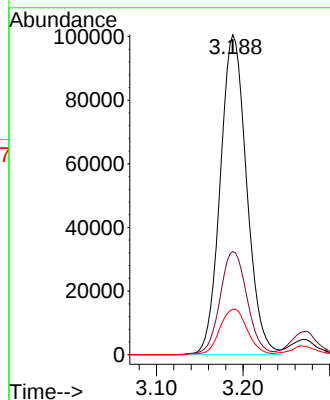
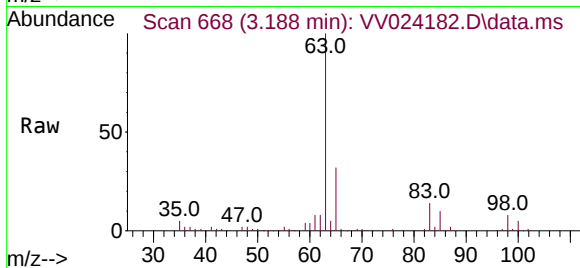
83 14.2 10.7 19.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#21

2-Butanone

Concen: 43.713 ug/L

RT: 3.992 min Scan# 918

Delta R.T. -0.003 min

Lab File: VV024182.D

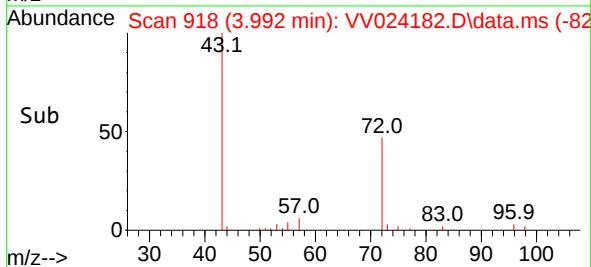
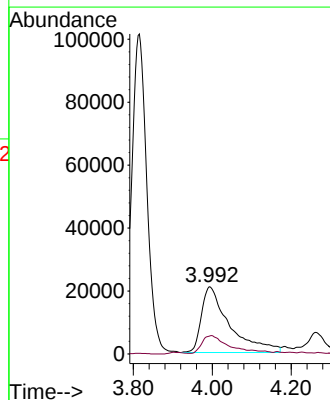
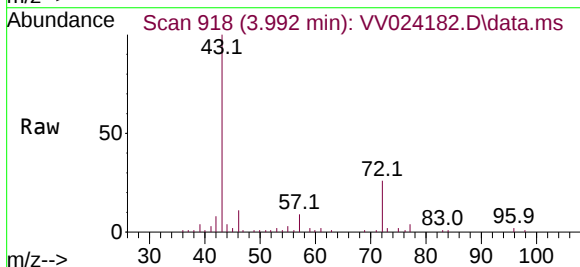
Acq: 27 Dec 2021 16:16

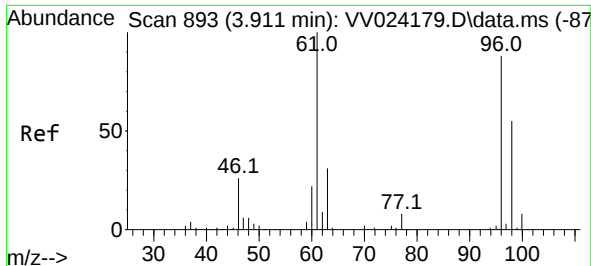
Tgt Ion: 43 Resp: 103760

Ion Ratio Lower Upper

43 100

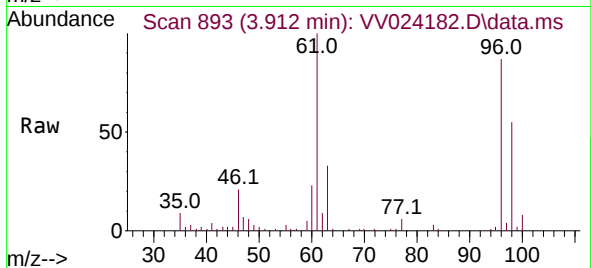
72 23.6 11.1 33.1





#22
cis-1,2-Dichloroethene
Concen: 4.265 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

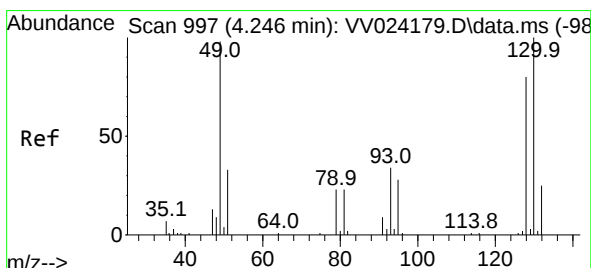
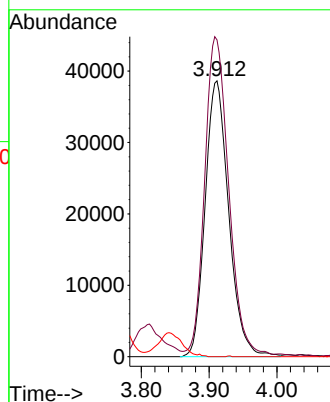
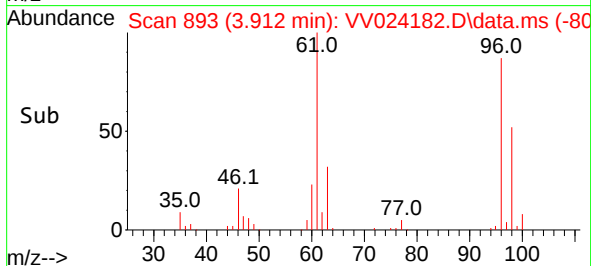
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



Tgt Ion: 96 Resp: 93636
Ion Ratio Lower Upper
96 100
61 114.9 83.4 154.8
68 0.0 0.0 0.0

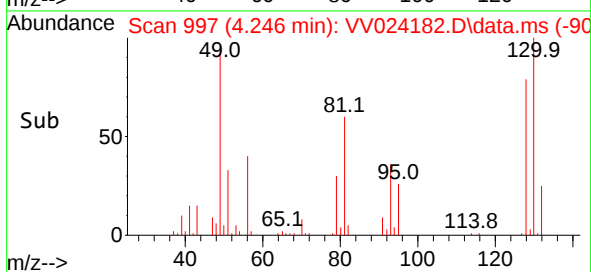
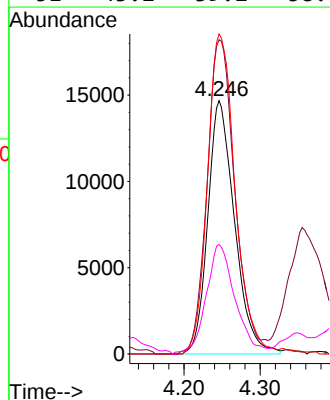
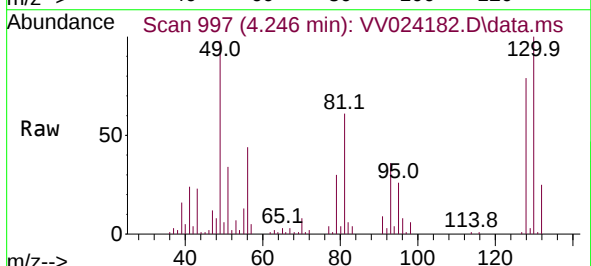
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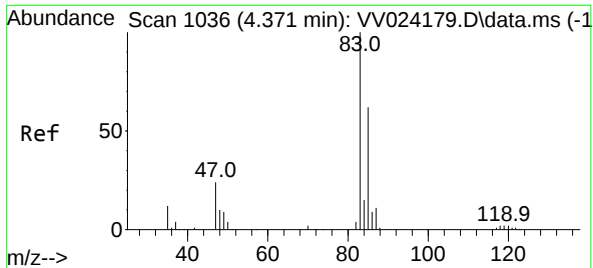
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#23
Bromochloromethane
Concen: 3.416 ug/L
RT: 4.246 min Scan# 997
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

Tgt Ion:128 Resp: 35840
Ion Ratio Lower Upper
128 100
49 124.1 100.2 186.2
130 126.3 92.5 171.7
51 43.2 39.2 58.8





#25

Chloroform

Concen: 6.508 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MS

Tgt Ion: 83 Resp: 26857

Ion Ratio Lower Upper

83 100

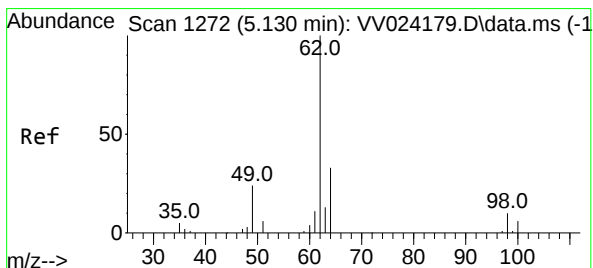
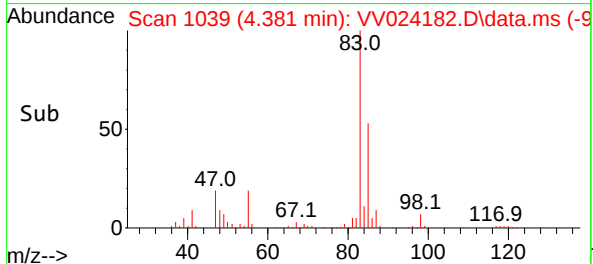
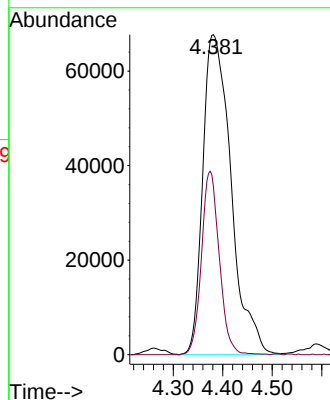
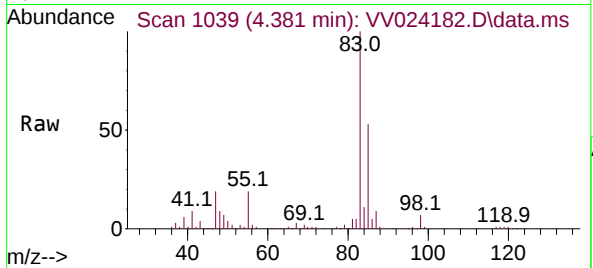
85 52.8 45.2 84.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#27

1,2-Dichloroethane

Concen: 3.493 ug/L m

RT: 5.117 min Scan# 1268

Delta R.T. -0.013 min

Lab File: VV024182.D

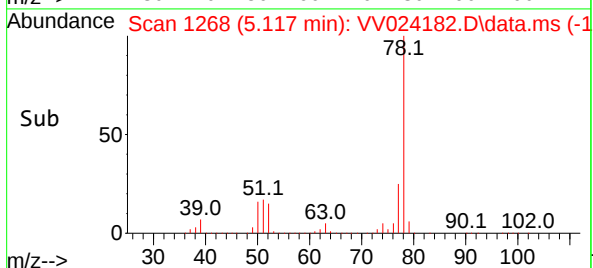
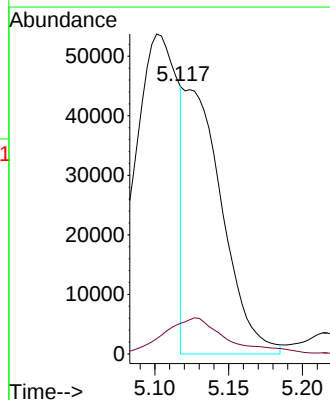
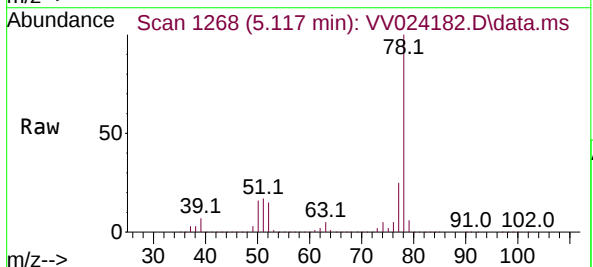
Acq: 27 Dec 2021 16:16

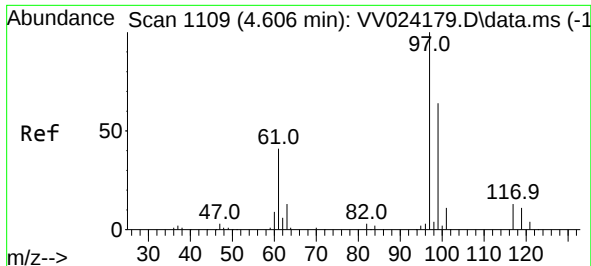
Tgt Ion: 62 Resp: 80686

Ion Ratio Lower Upper

62 100

98 11.4 8.1 12.1





#29

1,1,1-Trichloroethane

Concen: 3.794 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MS

Tgt Ion: 97 Resp: 14827

Ion Ratio Lower Upper

97 100

99 64.9 51.9 77.9

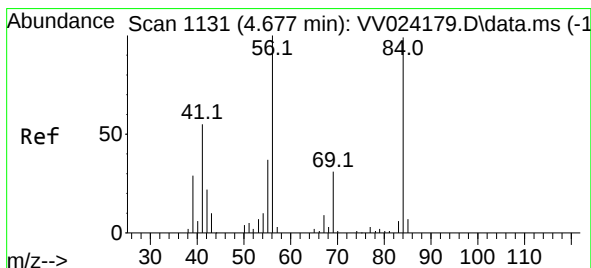
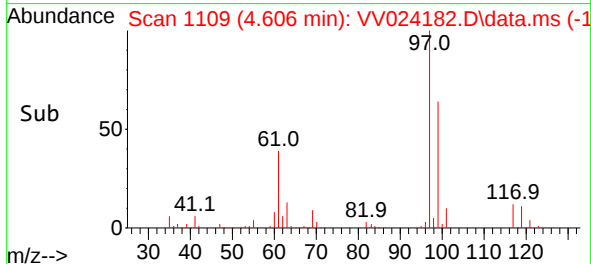
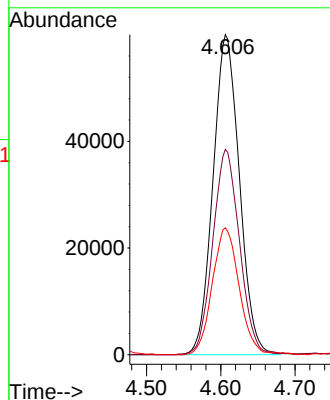
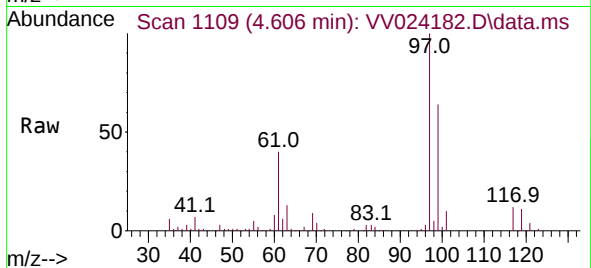
61 40.0 33.2 49.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#30

Cyclohexane

Concen: 10.578 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

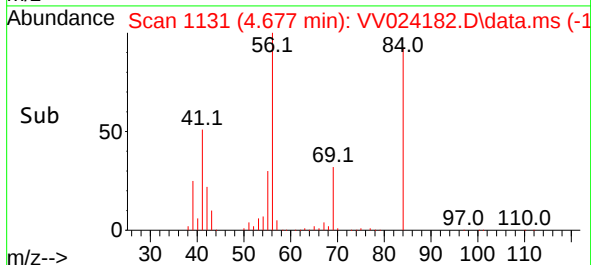
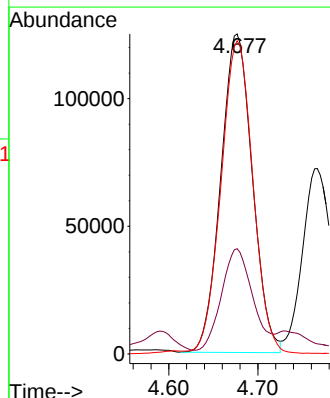
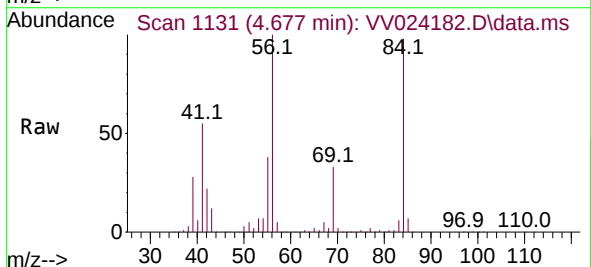
Tgt Ion: 56 Resp: 307490

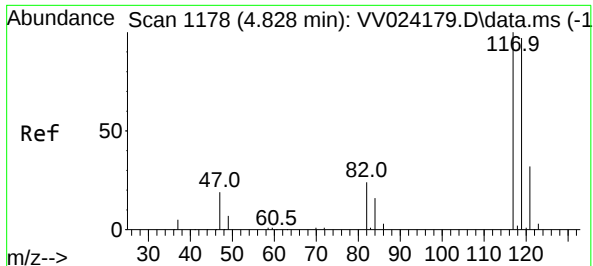
Ion Ratio Lower Upper

56 100

69 31.6 24.8 37.2

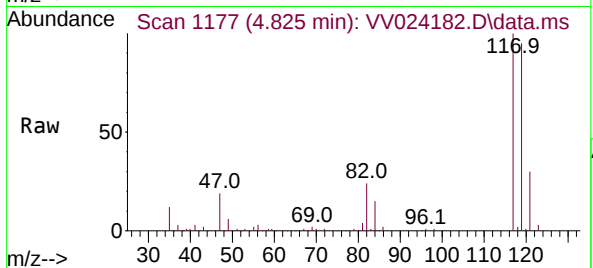
84 98.9 75.9 113.9





#31
Carbon tetrachloride
Concen: 3.786 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

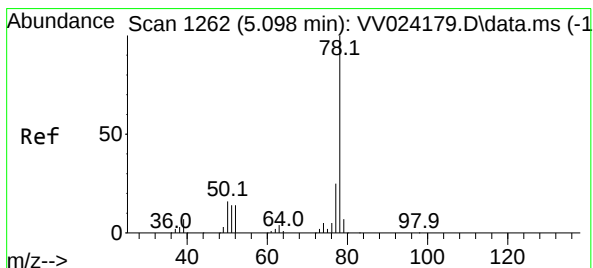
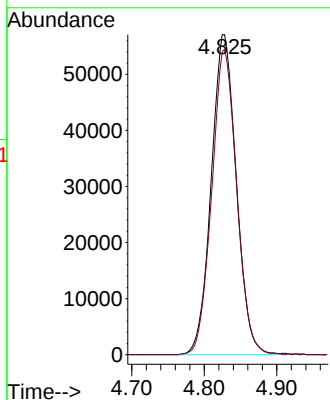
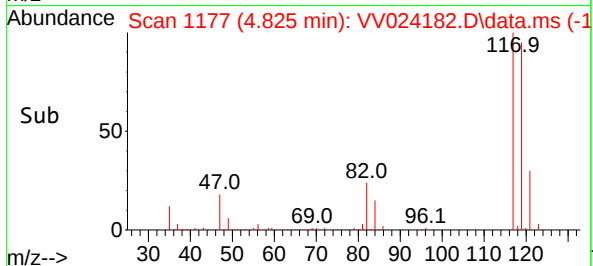
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



Tgt Ion:117 Resp: 137209
Ion Ratio Lower Upper
117 100
119 94.5 76.6 114.8

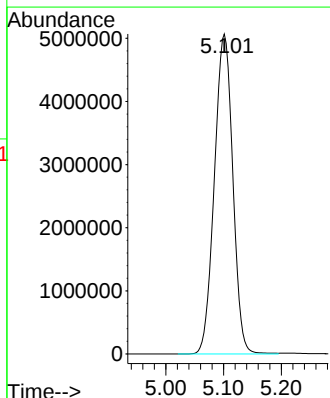
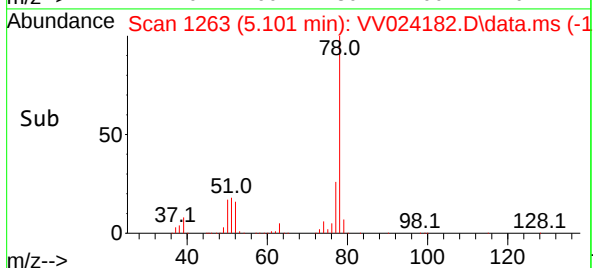
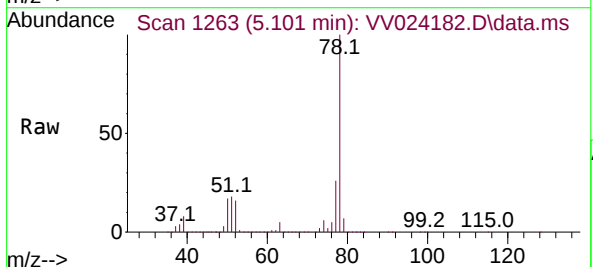
Manual Integrations
APPROVED

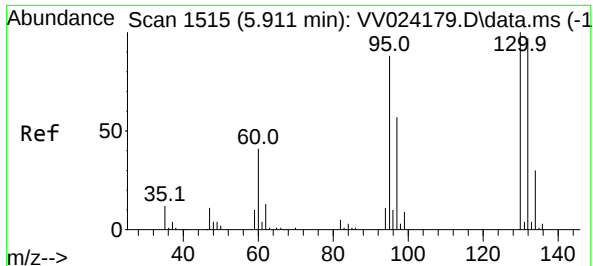
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#33
Benzene
Concen: 138.000 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

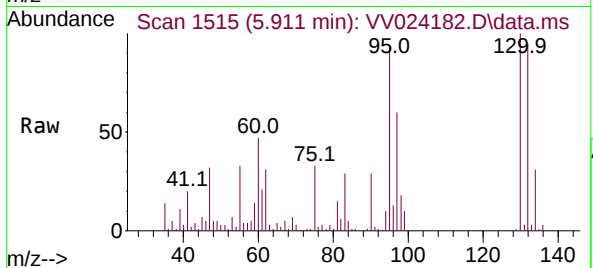
Tgt Ion: 78 Resp:11219285





#34
Trichloroethene
Concen: 4.113 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

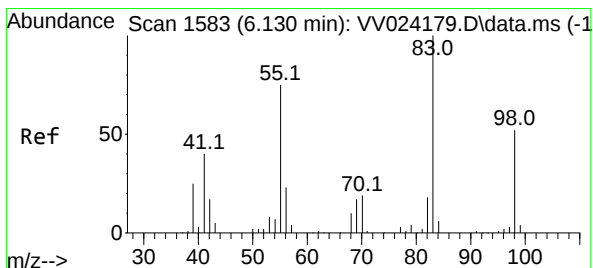
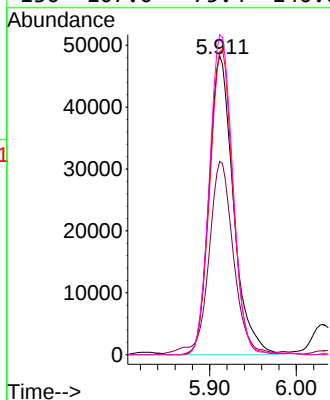
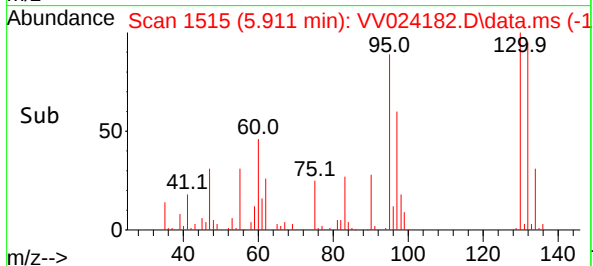
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



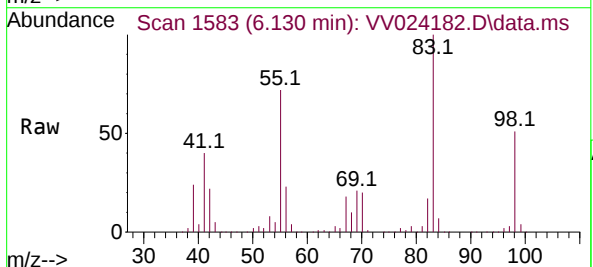
Tgt Ion: 95 Resp: 94358
Ion Ratio Lower Upper
95 100
97 64.6 45.2 84.0
132 101.1 76.1 141.3
130 107.0 75.4 140.0

Manual Integrations
APPROVED

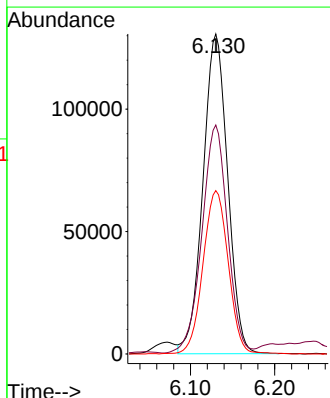
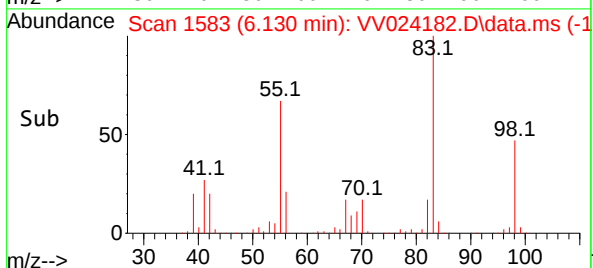
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

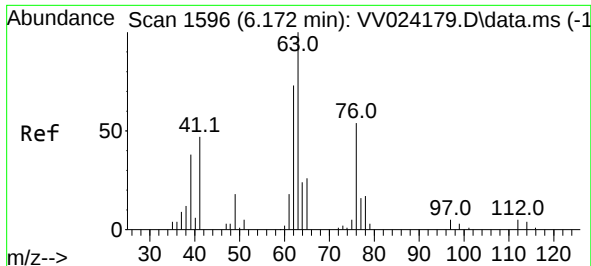


#35
Methylcyclohexane
Concen: 8.032 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16



Tgt Ion: 83 Resp: 266833
Ion Ratio Lower Upper
83 100
55 73.6 60.2 90.2
98 52.3 41.0 61.4





#37

1,2-Dichloropropane

Concen: 3.650 ug/L

RT: 6.172 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MS

Tgt Ion: 63 Resp: 6841

Ion Ratio Lower Upper

63 100

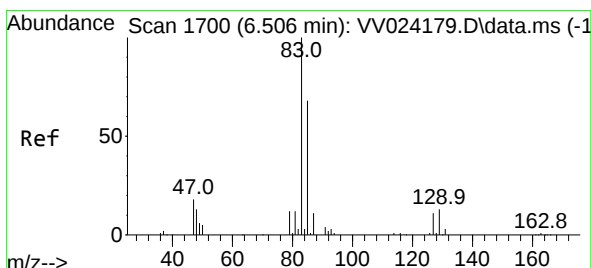
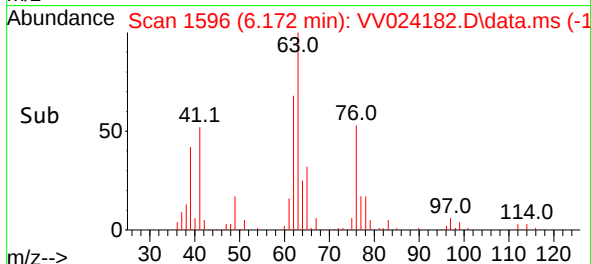
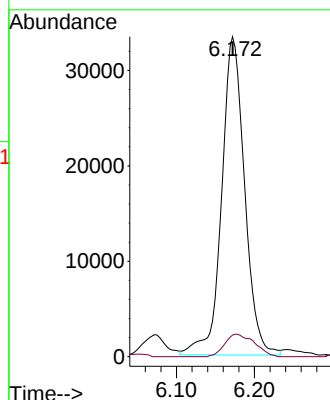
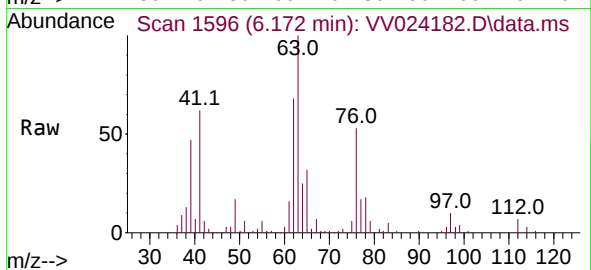
112 9.2 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#38

Bromodichloromethane

Concen: 3.909 ug/L

RT: 6.510 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

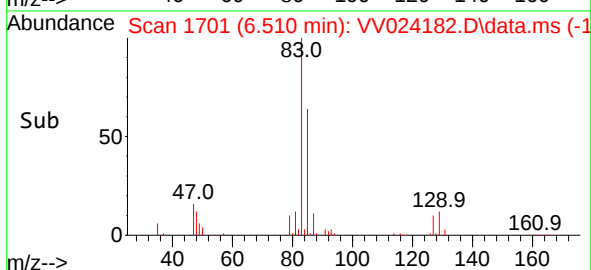
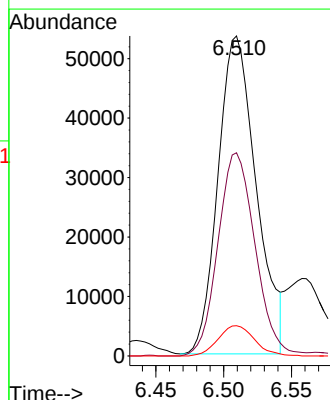
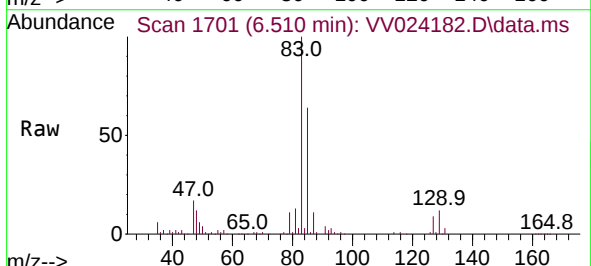
Tgt Ion: 83 Resp: 104998

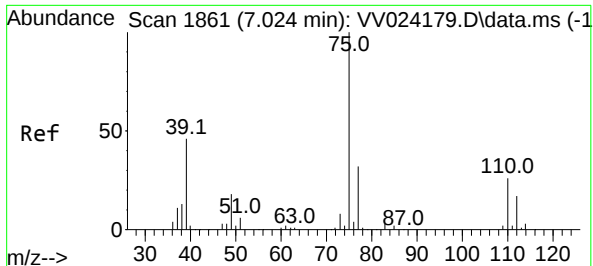
Ion Ratio Lower Upper

83 100

85 63.5 44.0 81.8

127 9.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.214 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MS

Tgt Ion: 75 Resp: 11449

Ion Ratio Lower Upper

75 100

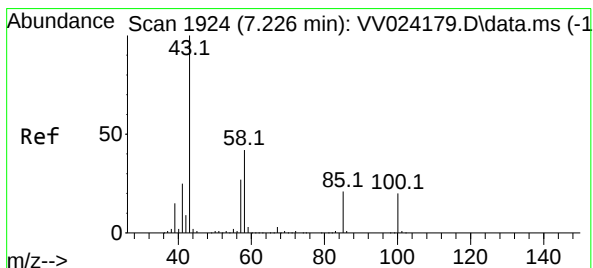
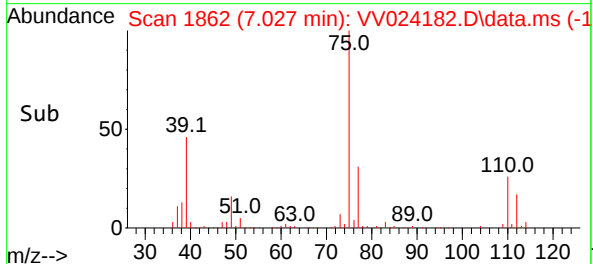
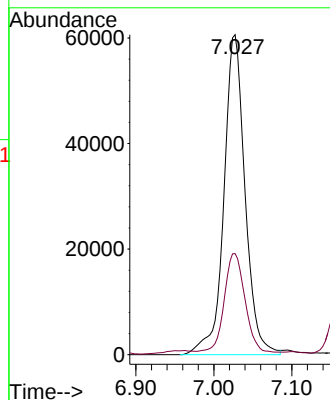
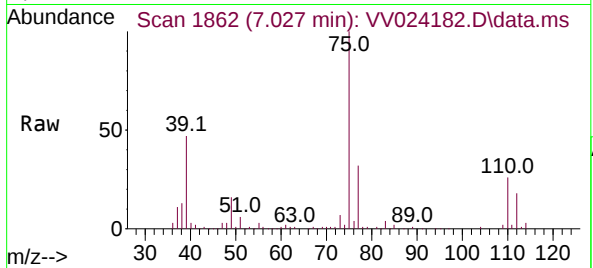
77 31.6 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#40

4-Methyl-2-pentanone

Concen: 36.852 ug/L

RT: 7.227 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

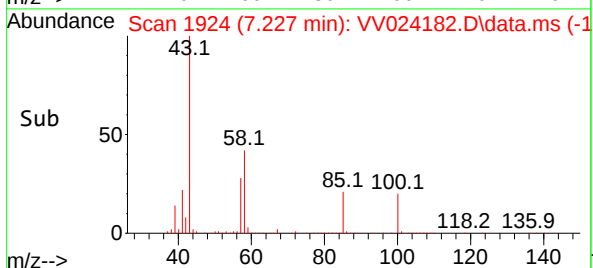
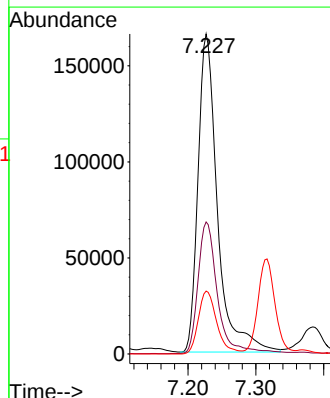
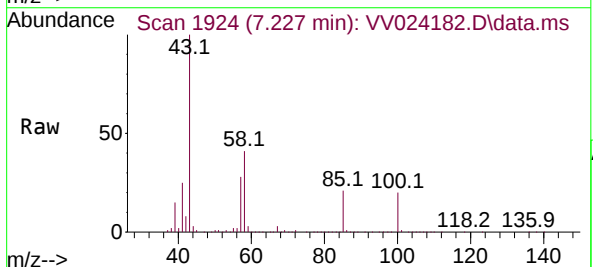
Tgt Ion: 43 Resp: 330169

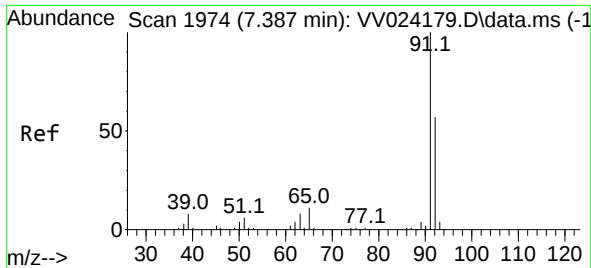
Ion Ratio Lower Upper

43 100

58 41.5 32.3 48.5

100 18.8 13.0 19.6





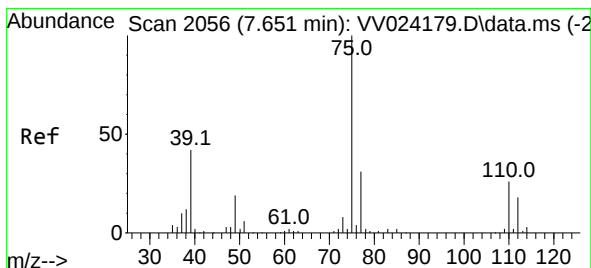
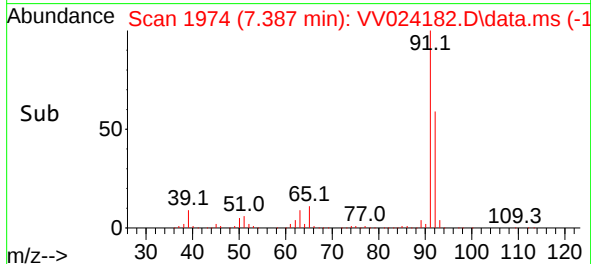
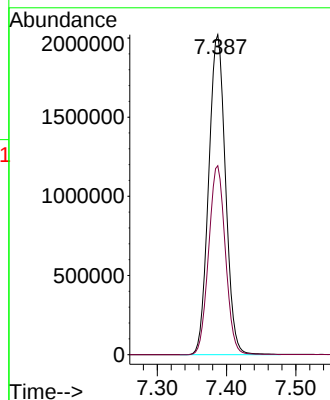
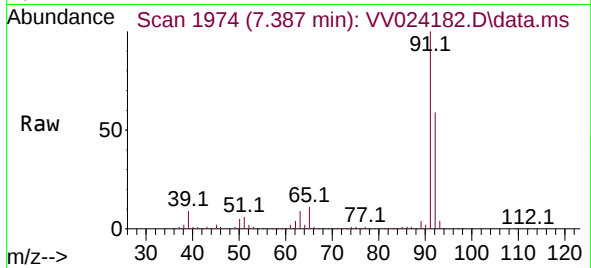
#42
Toluene
Concen: 37.425 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS

Tgt Ion: 91 Resp: 339518
Ion Ratio Lower Upper
91 100
92 59.0 41.5 77.1

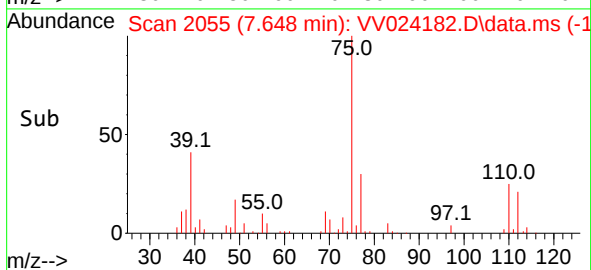
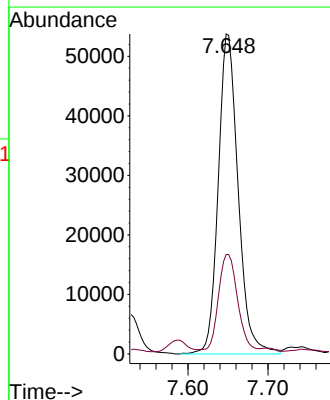
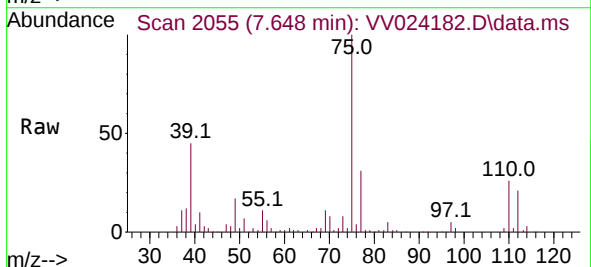
Manual Integrations
APPROVED

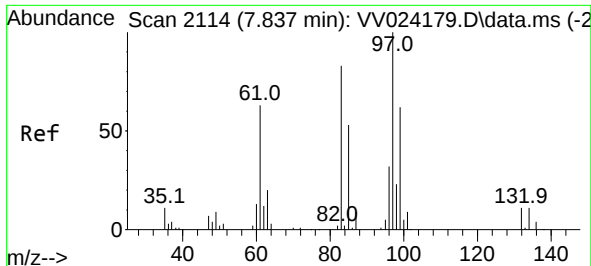
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#44
trans-1,3-Dichloropropene
Concen: 3.996 ug/L
RT: 7.648 min Scan# 2055
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

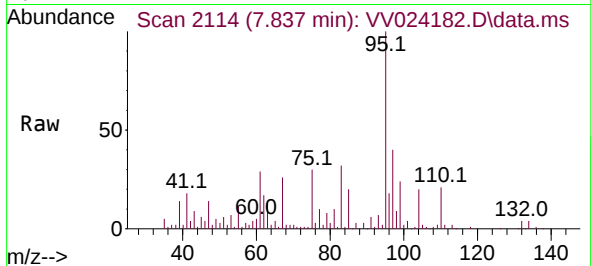
Tgt Ion: 75 Resp: 92724
Ion Ratio Lower Upper
75 100
77 31.0 21.8 40.4





#45
1,1,2-Trichloroethane
Concen: 3.429 ug/L
RT: 7.837 min Scan# 2114
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

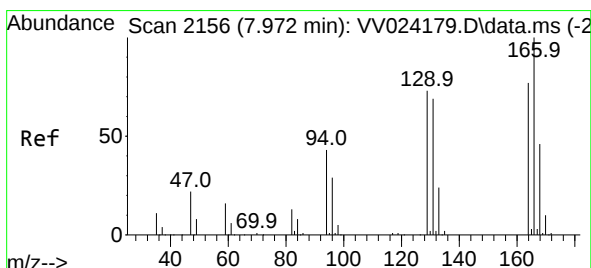
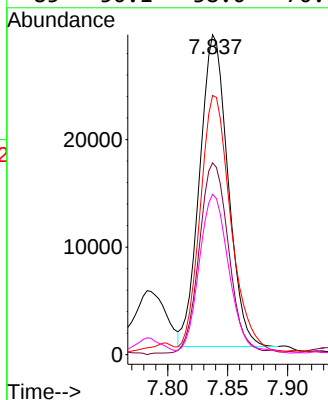
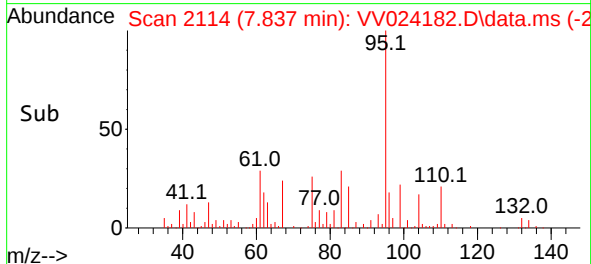
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



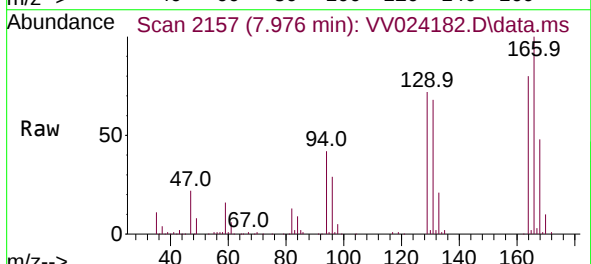
Tgt Ion:	97	Resp:	4765
Ion	Ratio	Lower	Upper
97	100		
99	60.0	43.1	80.1
83	81.0	57.9	107.5
85	50.1	38.0	70.6

Manual Integrations
APPROVED

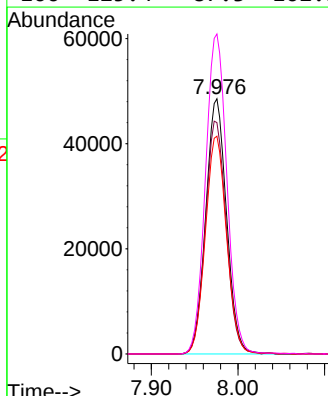
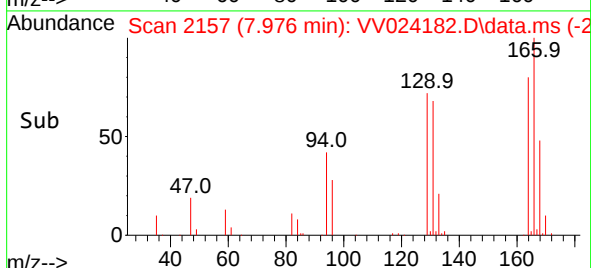
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

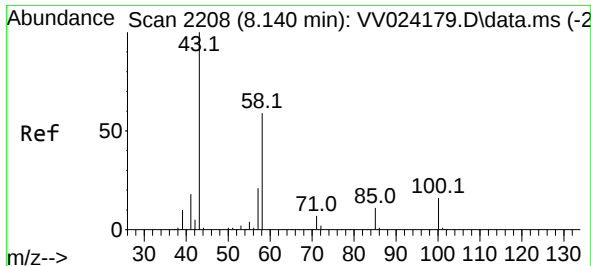


#47
Tetrachloroethene
Concen: 3.977 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16



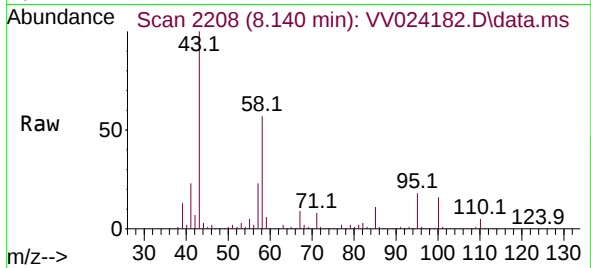
Tgt Ion:	164	Resp:	81167
Ion	Ratio	Lower	Upper
164	100		
129	90.6	62.6	116.2
131	85.3	61.0	113.4
166	125.4	87.3	162.1





#48
2-Hexanone
Concen: 34.805 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

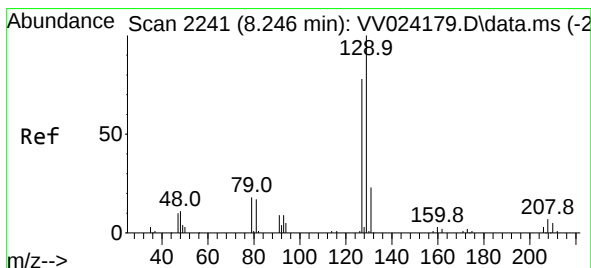
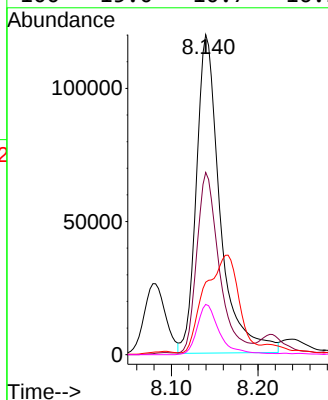
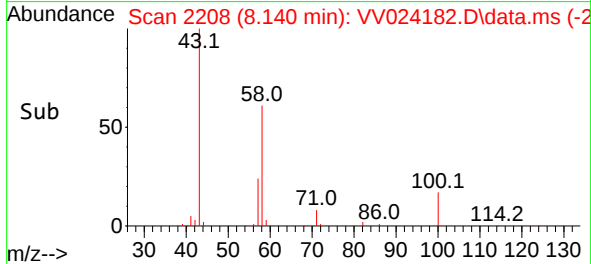
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



Tgt Ion: 43 Resp: 22822
Ion Ratio Lower Upper
43 100
58 53.3 44.5 66.7
57 44.0 15.1 22.7
100 15.0 10.7 16.1

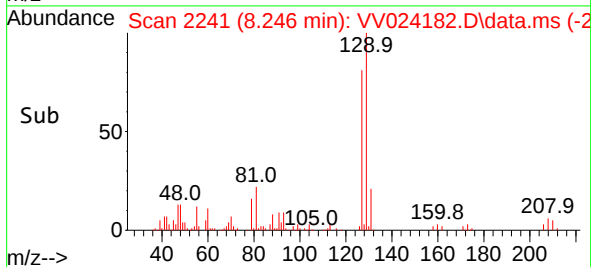
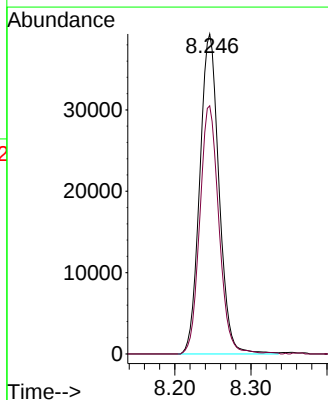
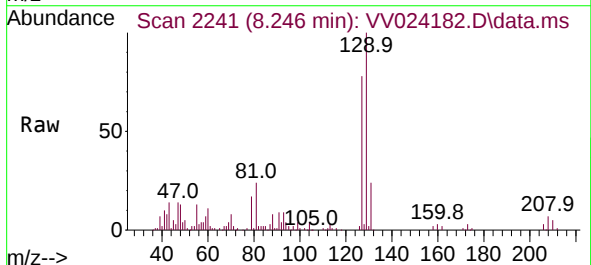
Manual Integrations
APPROVED

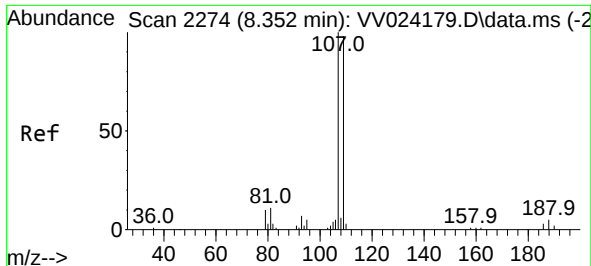
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#49
Dibromochloromethane
Concen: 3.697 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

Tgt Ion:129 Resp: 69100
Ion Ratio Lower Upper
129 100
127 77.6 53.5 99.3





#50

1,2-Dibromoethane

Concen: 3.610 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MS

Tgt Ion:107 Resp: 47672

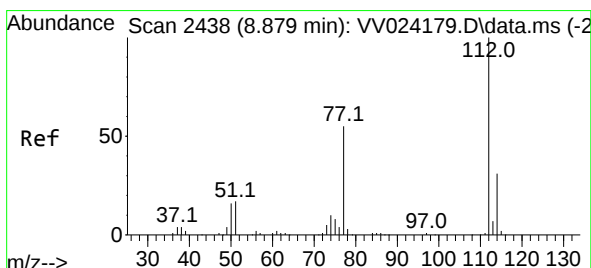
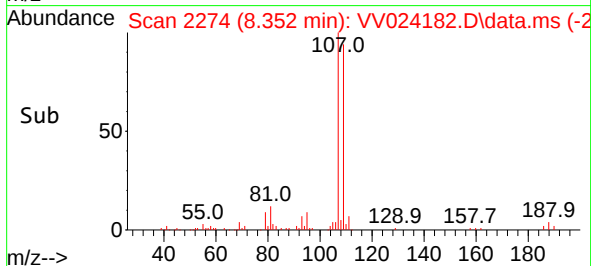
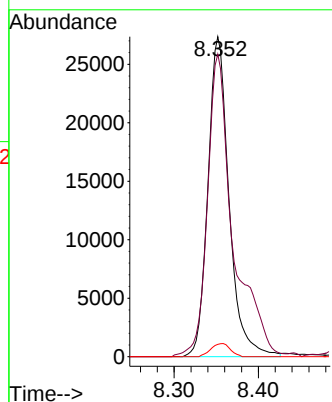
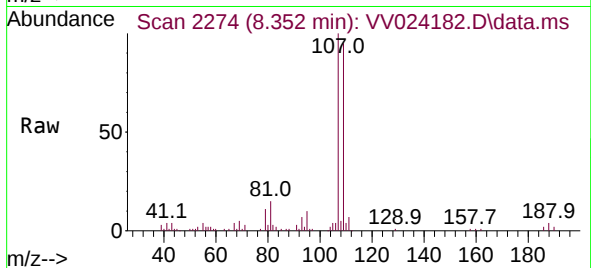
Ion	Ratio	Lower	Upper
107	100		
109	94.6	62.5	116.1
188	3.9	3.4	5.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#51

Chlorobenzene

Concen: 8.215 ug/L

RT: 8.879 min Scan# 2438

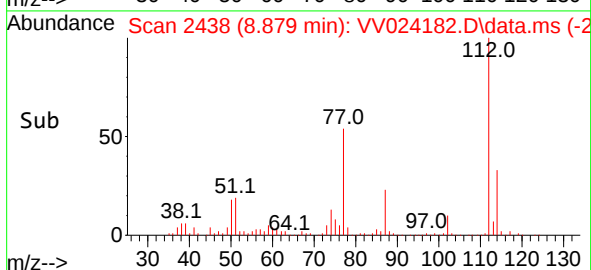
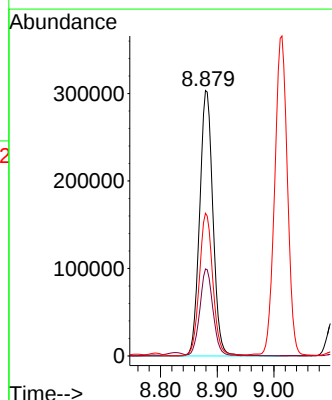
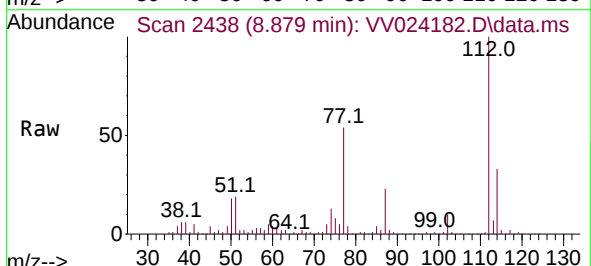
Delta R.T. -0.000 min

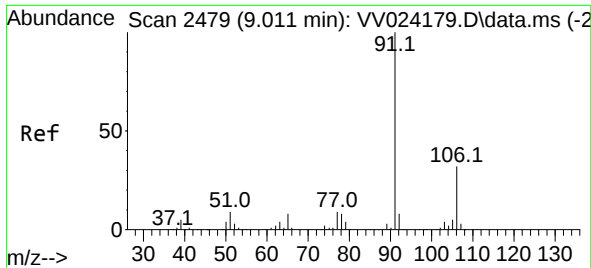
Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

Tgt Ion:112 Resp: 493810

Ion	Ratio	Lower	Upper
112	100		
114	32.8	23.3	43.3
77	53.8	43.3	64.9





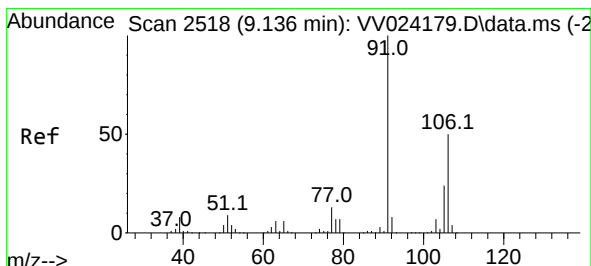
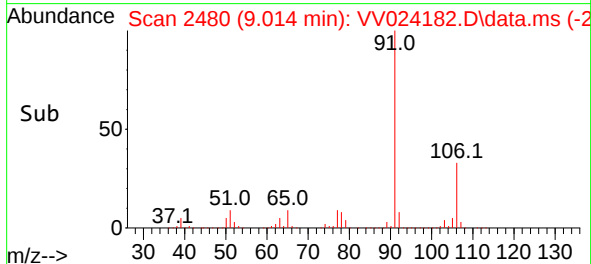
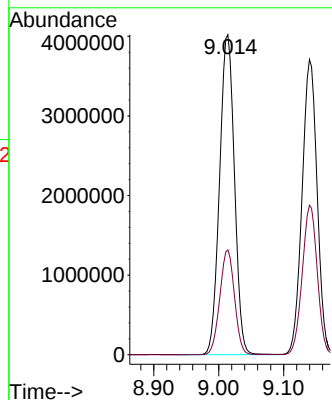
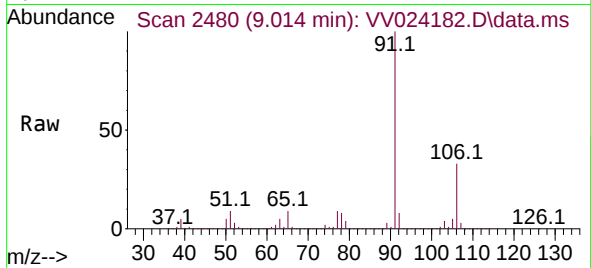
#52
Ethylbenzene
Concen: 65.946 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS

Tgt Ion: 91 Resp: 6360720
Ion Ratio Lower Upper
91 100
106 32.8 22.0 41.0

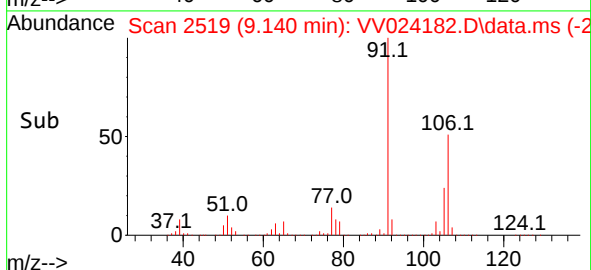
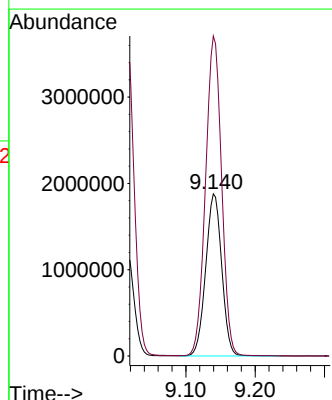
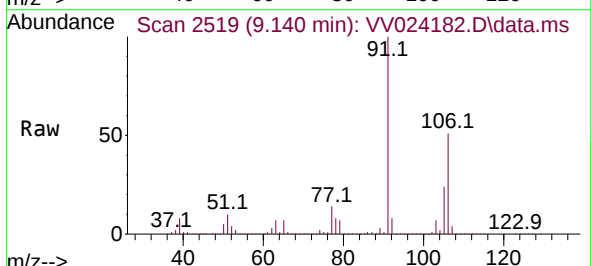
Manual Integrations
APPROVED

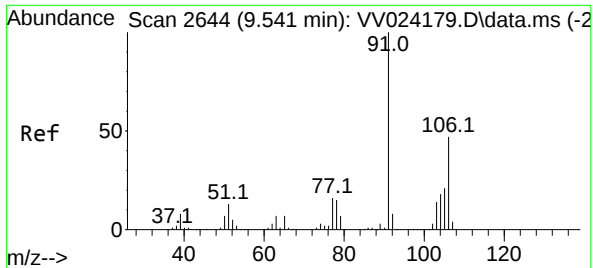
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#53
m,p-xylene
Concen: 78.362 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

Tgt Ion:106 Resp: 2998226
Ion Ratio Lower Upper
106 100
91 197.4 139.5 259.1





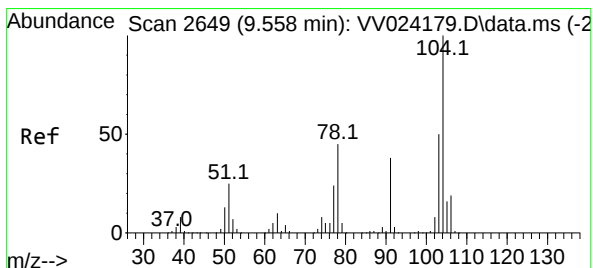
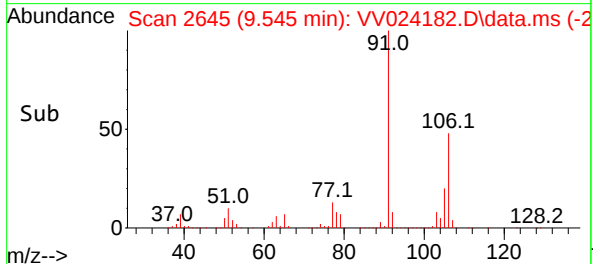
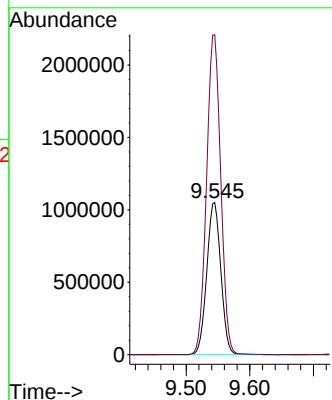
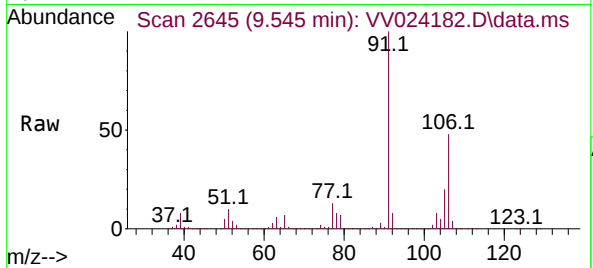
#54
o-xylene
Concen: 44.033 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS

Tgt Ion:106 Resp: 1613220
Ion Ratio Lower Upper
106 100
91 210.2 147.9 274.7

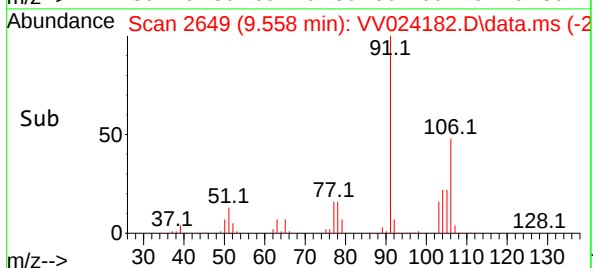
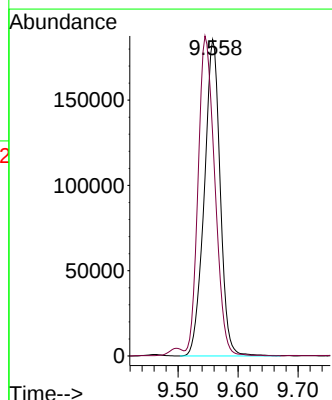
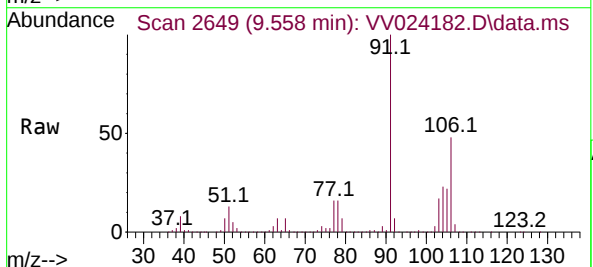
Manual Integrations
APPROVED

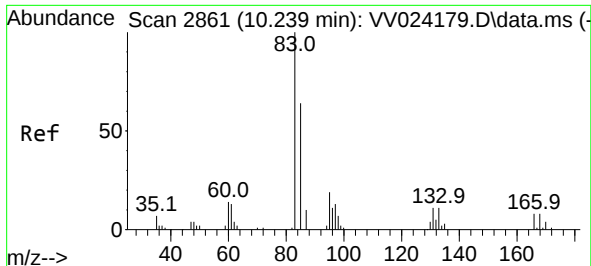
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#55
Styrene
Concen: 5.564 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

Tgt Ion:104 Resp: 343439
Ion Ratio Lower Upper
104 100
78 69.9 31.0 57.6#





#57

1,1,2,2-Tetrachloroethane

Concen: 3.934 ug/L

RT: 10.242 min Scan# 2861

Delta R.T. 0.003 min

Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MS

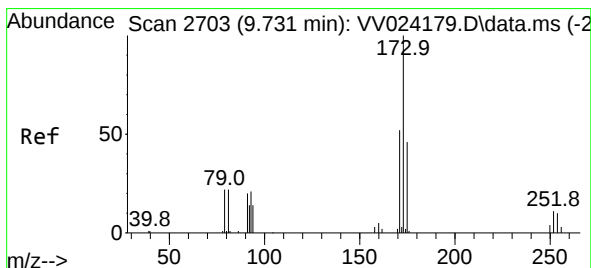
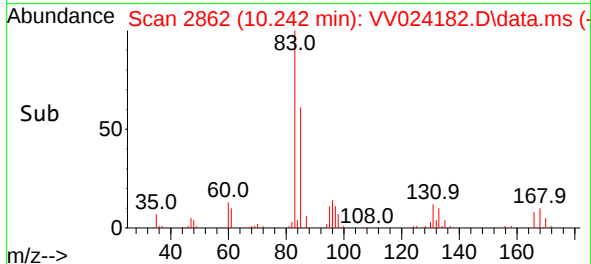
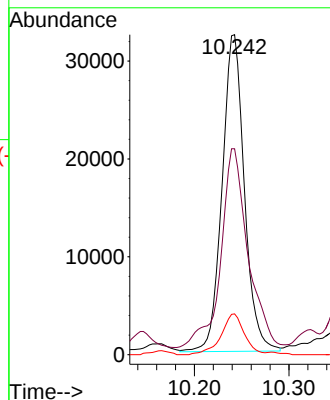
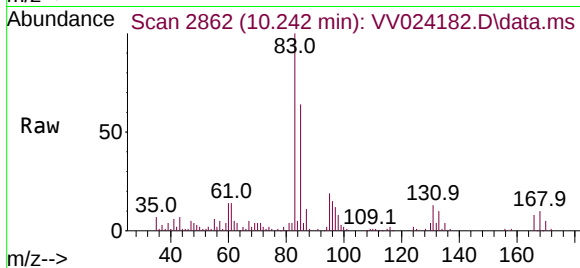
Tgt Ion: 83	Resp: 52978
Ion Ratio	Lower Upper
83 100	
85 64.4	44.6 82.8
131 12.8	8.3 12.5

Manual Integrations

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Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#59

Bromoform

Concen: 3.836 ug/L

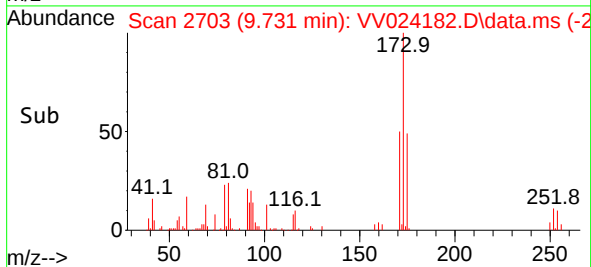
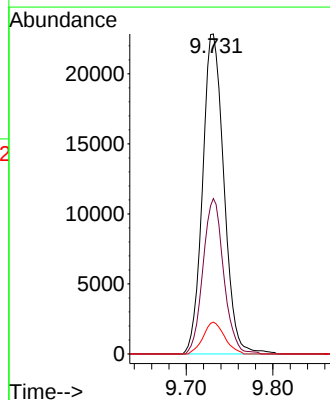
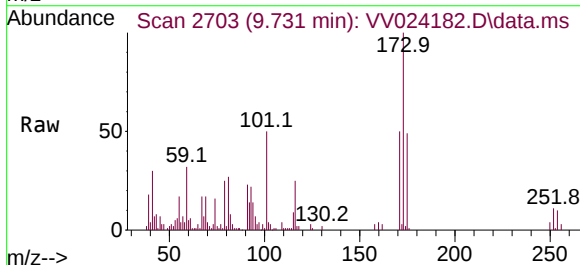
RT: 9.731 min Scan# 2703

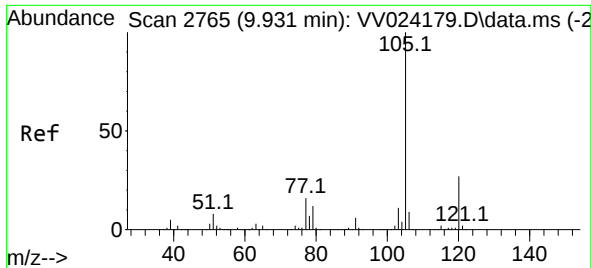
Delta R.T. -0.000 min

Lab File: VV024182.D

Acq: 27 Dec 2021 16:16

Tgt Ion:173	Resp: 39075
Ion Ratio	Lower Upper
173 100	
175 47.2	39.4 59.2
254 10.0	7.4 11.0





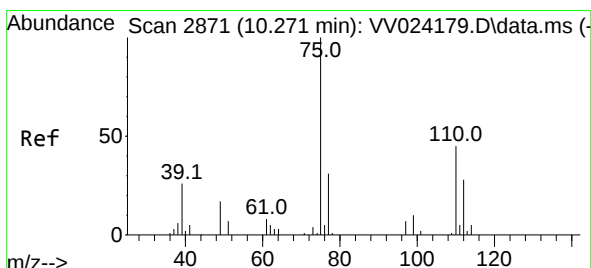
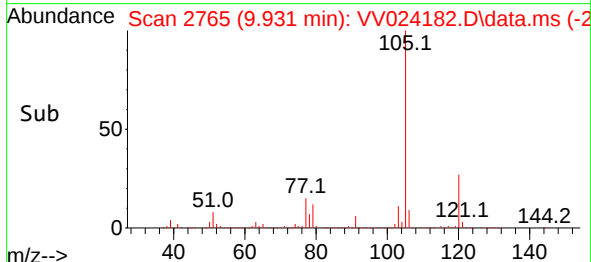
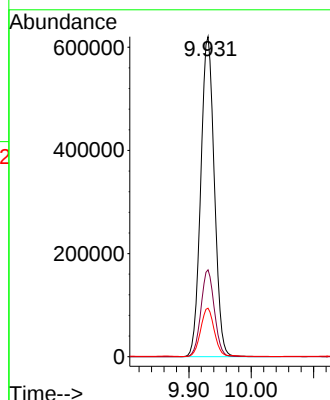
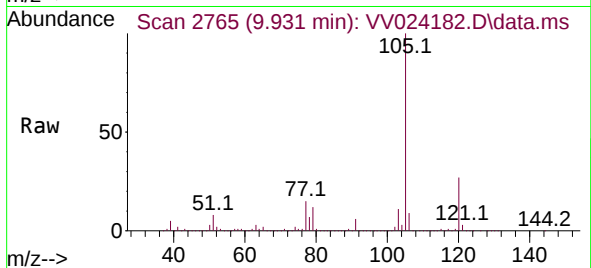
#60
Isopropylbenzene
Concen: 9.399 ug/L
RT: 9.931 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS

Tgt Ion:105 Resp: 939258
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.0
77 15.4 12.2 18.4

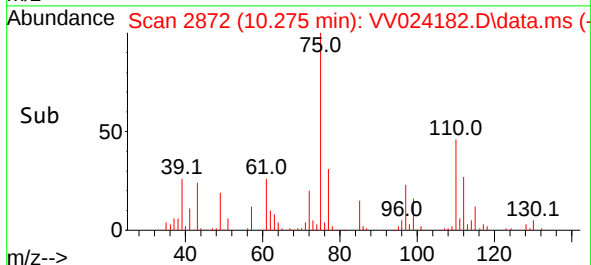
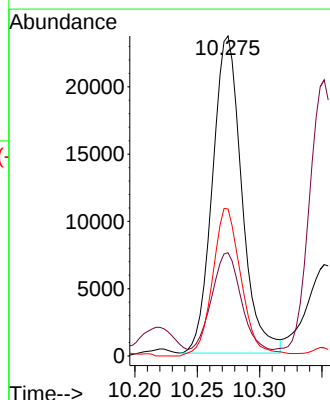
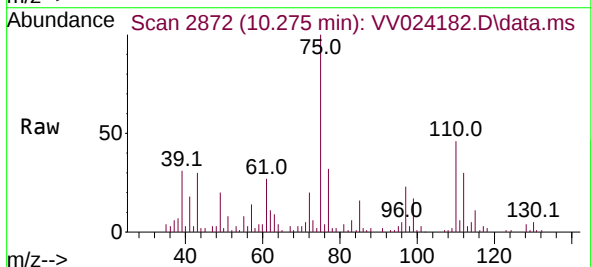
Manual Integrations
APPROVED

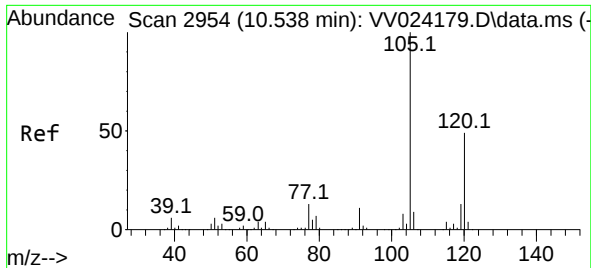
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#61
1,2,3-Trichloropropane
Concen: 3.455 ug/L
RT: 10.275 min Scan# 2872
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

Tgt Ion: 75 Resp: 38636
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 45.5 34.2 51.2





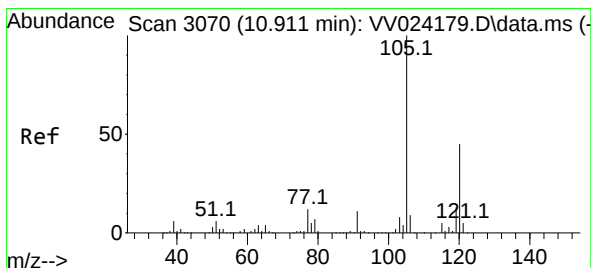
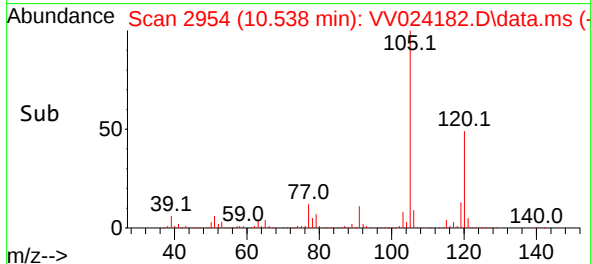
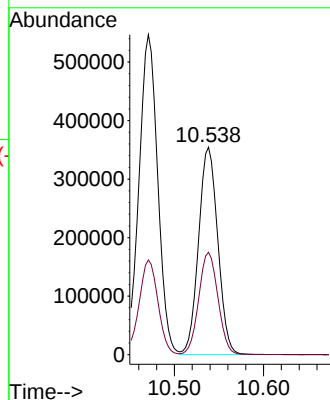
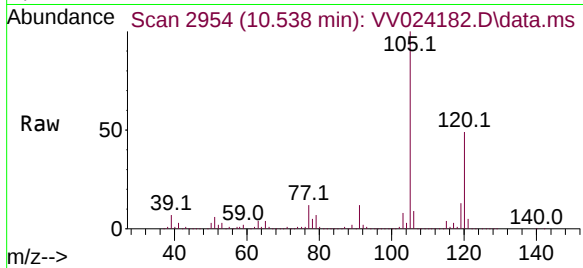
#62
1,3,5-Trimethylbenzene
Concen: 6.296 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS

Tgt Ion:105 Resp: 53053
Ion Ratio Lower Upper
105 100
120 49.2 40.1 60.1

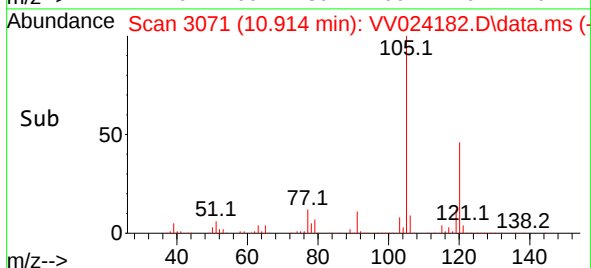
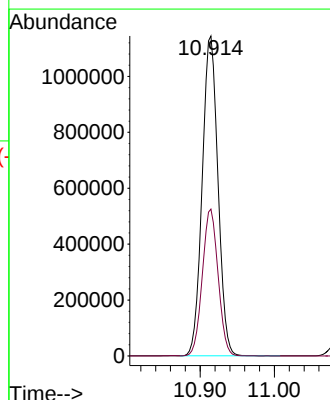
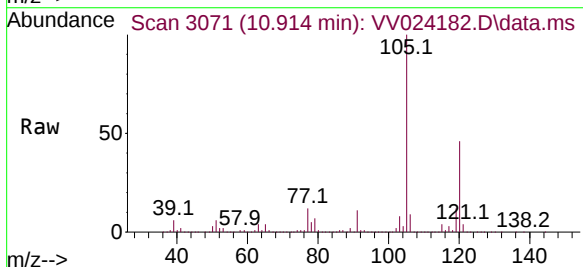
Manual Integrations
APPROVED

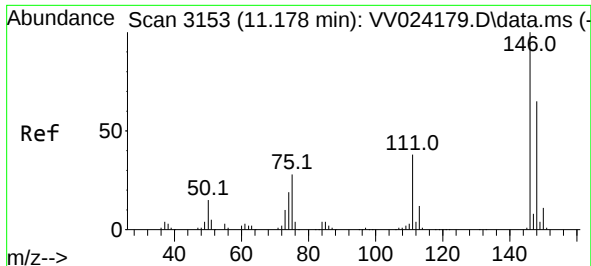
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#63
1,2,4-Trimethylbenzene
Concen: 19.581 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

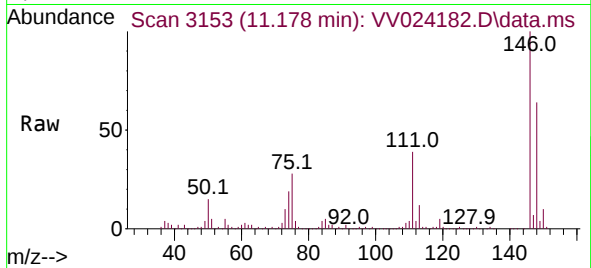
Tgt Ion:105 Resp: 1681703
Ion Ratio Lower Upper
105 100
120 45.8 36.7 55.1





#64
1,3-Dichlorobenzene
Concen: 4.633 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

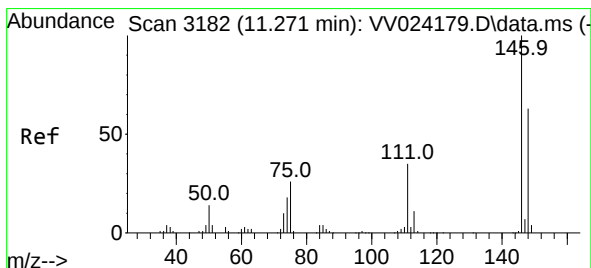
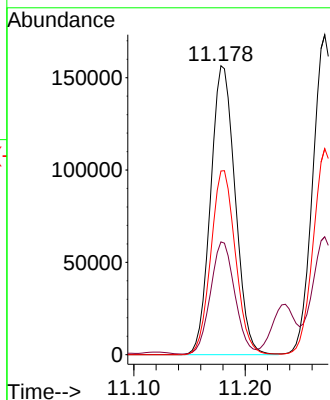
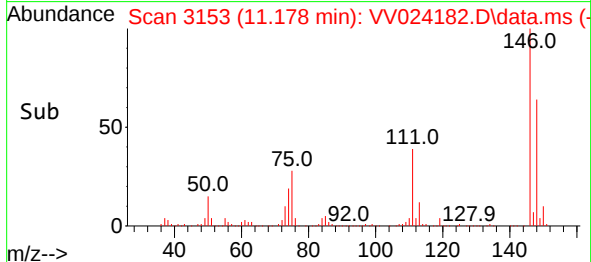
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



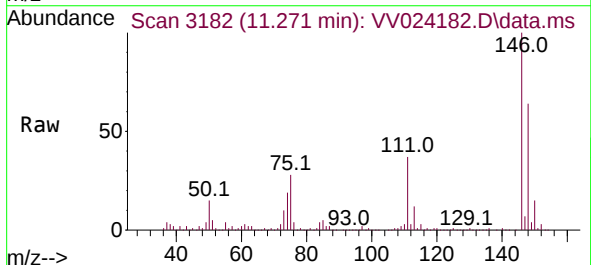
Tgt Ion:146 Resp: 239880
Ion Ratio Lower Upper
146 100
111 39.0 26.3 48.9
148 63.6 44.4 82.5

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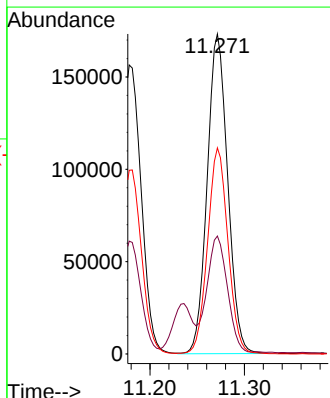
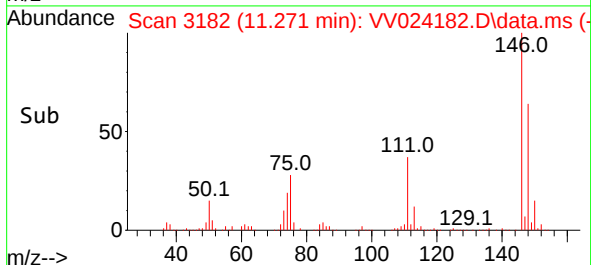
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

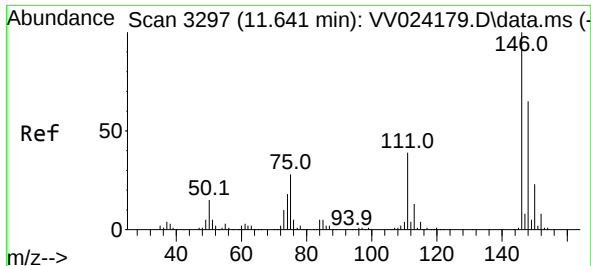


#65
1,4-Dichlorobenzene
Concen: 5.084 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16



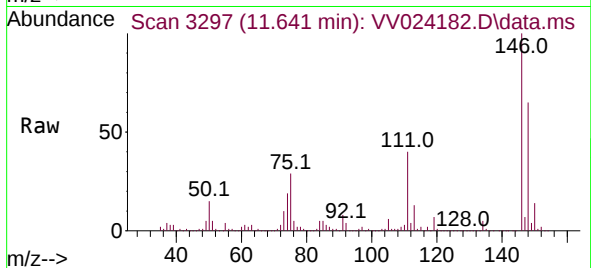
Tgt Ion:146 Resp: 260902
Ion Ratio Lower Upper
146 100
111 36.9 25.6 47.6
148 64.4 44.8 83.2





#67
1,2-Dichlorobenzene
Concen: 11.524 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

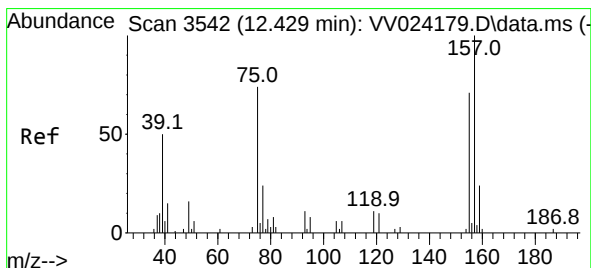
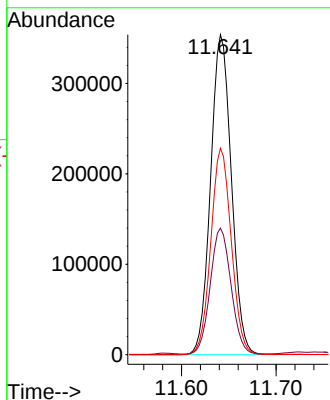
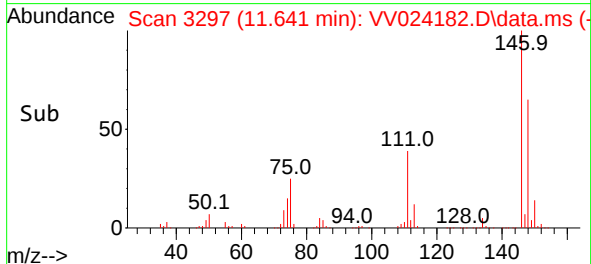
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



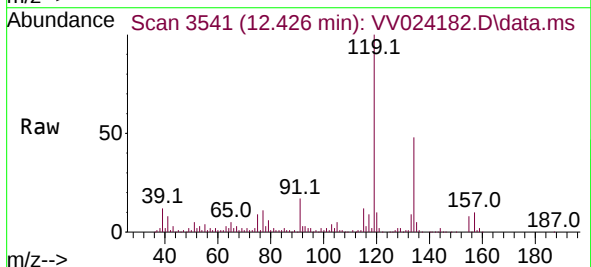
Tgt Ion:146 Resp: 540132
Ion Ratio Lower Upper
146 100
111 39.6 31.9 47.9
148 64.5 50.5 75.7

Manual Integrations
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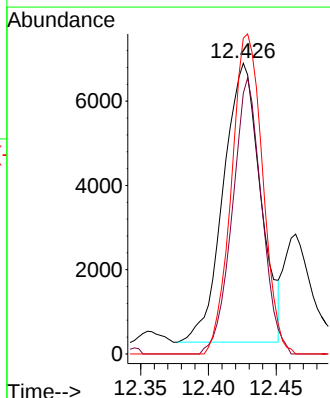
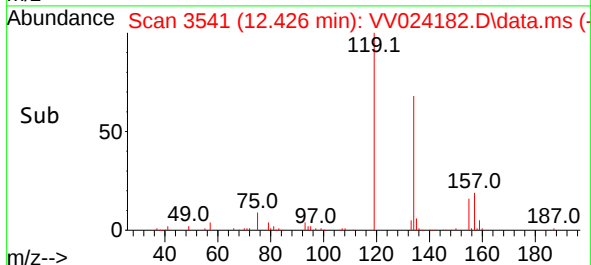
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

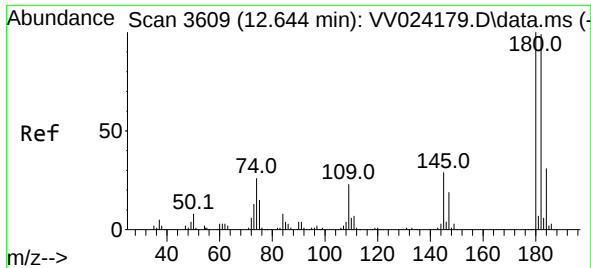


#68
1,2-Dibromo-3-chloropropane
Concen: 5.207 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16



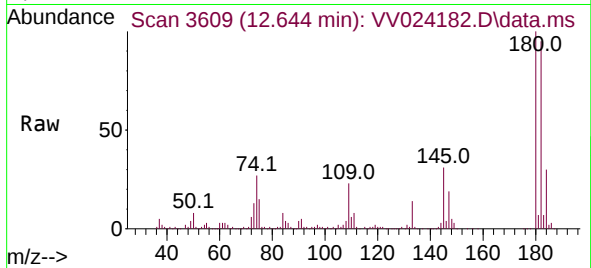
Tgt Ion: 75 Resp: 12560
Ion Ratio Lower Upper
75 100
155 89.7 71.7 107.5
157 108.6 103.3 154.9





#69
1,3,5-Trichlorobenzene
Concen: 4.435 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

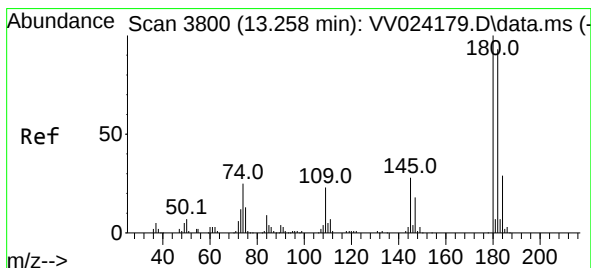
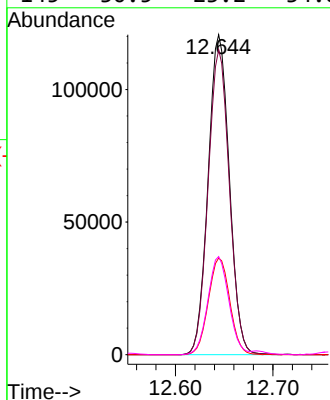
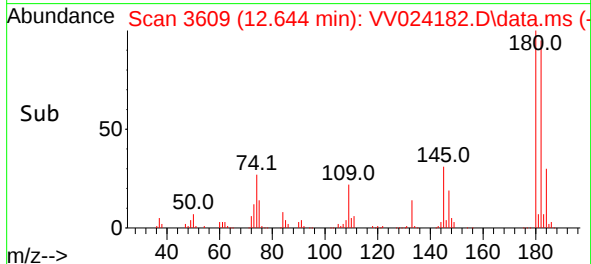
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



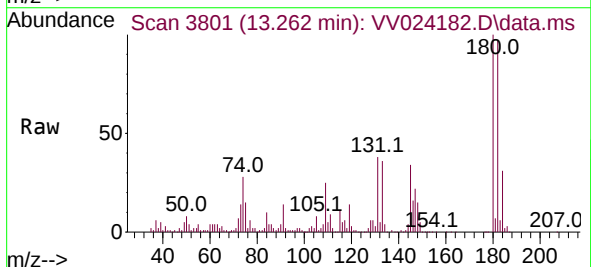
Tgt Ion:180 Resp: 182874
Ion Ratio Lower Upper
180 100
182 95.4 76.4 114.6
184 30.5 24.2 36.4
145 30.5 23.2 34.8

Manual Integrations
APPROVED

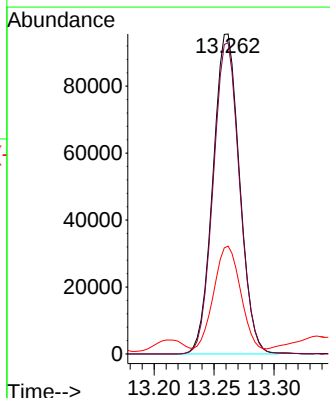
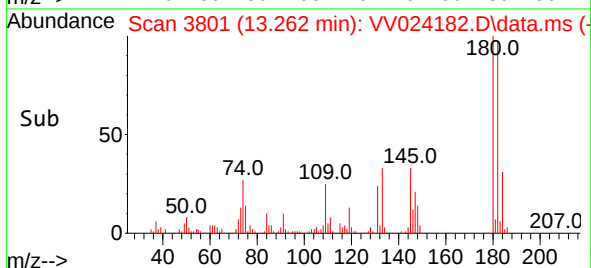
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

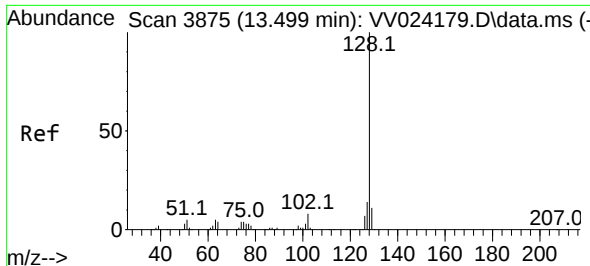


#70
1,2,4-trichlorobenzene
Concen: 4.647 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16



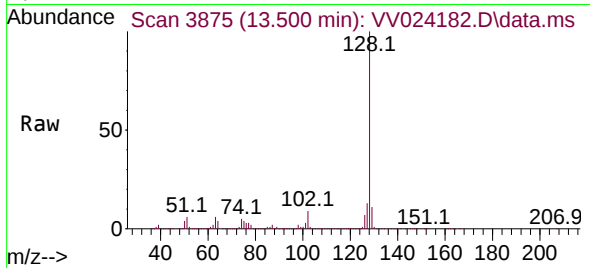
Tgt Ion:180 Resp: 147536
Ion Ratio Lower Upper
180 100
182 96.4 74.4 111.6
145 34.9 23.3 34.9#





#71
Naphthalene
Concen: 29.526 ug/L
RT: 13.500 min Scan# 391958
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

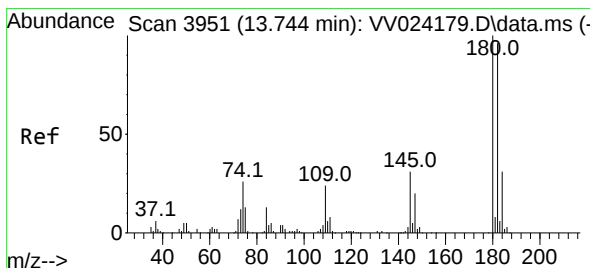
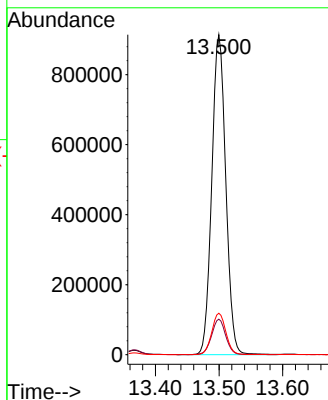
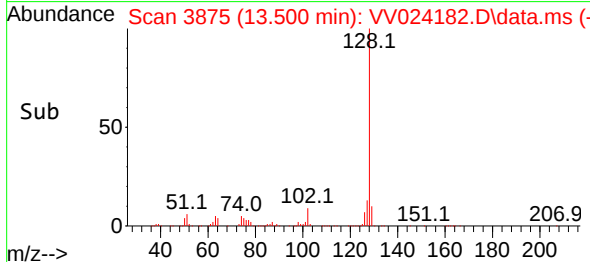
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MS



Tgt Ion:128 Resp: 1391958
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.2 15.4

Manual Integrations
APPROVED

Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#72
1,2,3-Trichlorobenzene
Concen: 4.504 ug/L
RT: 13.741 min Scan# 3950
Delta R.T. -0.003 min
Lab File: VV024182.D
Acq: 27 Dec 2021 16:16

Tgt Ion:180 Resp: 125774
Ion Ratio Lower Upper
180 100
182 94.6 76.8 115.2
145 40.1 25.8 38.6#

