

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122721\
 Data File : VW024183.D
 Acq On : 27 Dec 2021 16:40
 Operator : SY/MD
 Sample : M5233-13MSD
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9MSD

Manual Integrations
 APPROVED

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

Quant Time: Dec 28 05:51:10 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	171852	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	171866	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	104373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	33903	2.623	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	52.400%
7) Chloroethane-d5	1.564	69	39209	3.637	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.800%
11) 1,1-Dichloroethene-d2	2.111	63	90260	2.873	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.400%#
20) 2-Butanone-d5	3.915	46	48371	33.688	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	67.380%
24) Chloroform-d	4.349	84	91326	3.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.600%#
26) 1,2-Dichloroethane-d4	5.034	65	36125	2.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	58.800%#
32) Benzene-d6	5.053	84	148865	3.207	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	64.200%#
36) 1,2-Dichloropropane-d6	6.069	67	39023	3.069	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	61.400%
41) Toluene-d8	7.317	98	145089	3.172	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.400%#
43) trans-1,3-Dichloroprop...	7.622	79	16104	2.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.800%
46) 2-Hexanone-d5	8.091	63	63892	35.298	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	70.600%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	27620	3.182	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.600%#
66) 1,2-Dichlorobenzene-d4	11.625	152	56540	3.116	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	62.400%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	165868	4.176	ug/L	99
3) Chloromethane	1.236	50	99601	3.318	ug/L	95
5) Vinyl chloride	1.307	62	122476	3.987	ug/L	99
6) Bromomethane	1.519	94	64281	3.280	ug/L	100
8) Chloroethane	1.580	64	6932709	388.150	ug/L	91
9) Trichlorofluoromethane	1.751	101	180621	3.617	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	89317	3.726	ug/L	98
12) 1,1-Dichloroethene	2.117	96	85108	3.607	ug/L #	83
13) Acetone	2.214	43	106734	52.378	ug/L	79
14) Carbon disulfide	2.291	76	315943	4.144	ug/L	99
15) Methyl Acetate	2.436	43	41551	8.212	ug/L #	76
16) Methylene chloride	2.506	84	101723	4.033	ug/L	96
17) Methyl tert-butyl Ether	2.770	73	240975	5.051	ug/L #	67
18) trans-1,2-Dichloroethene	2.757	96	108675	4.337	ug/L	99
19) 1,1-Dichloroethane	3.188	63	247964	5.944	ug/L	97
21) 2-Butanone	3.995	43	130844	48.802	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	111866	4.511	ug/L	99
23) Bromochloromethane	4.249	128	46197	3.898	ug/L	86
25) Chloroform	4.378	83	317194	6.805	ug/L	90

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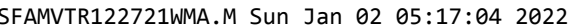
Quant Time: Dec 28 05:51:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR122721WMA.M
 Quant Title : TRACE VOA SFAM1.0
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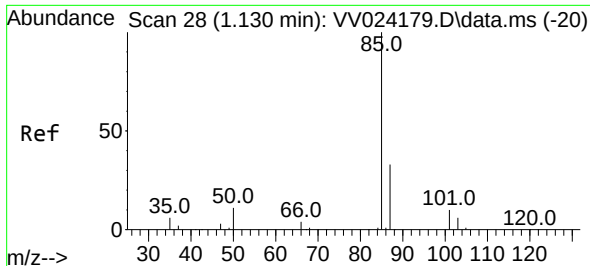
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	99156m	3.800	ug/L	
29) 1,1,1-Trichloroethane	4.606	97	181003	4.176	ug/L	99
30) Cyclohexane	4.677	56	330382	10.247	ug/L	98
31) Carbon tetrachloride	4.828	117	165257	4.111	ug/L	100
33) Benzene	5.101	78	11487760	127.406	ug/L	100
34) Trichloroethene	5.915	95	116065	4.562	ug/L	97
35) Methylcyclohexane	6.130	83	293199	7.957	ug/L	98
37) 1,2-Dichloropropane	6.172	63	82973	3.991	ug/L #	90
38) Bromodichloromethane	6.509	83	130691	4.387	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	142156	4.717	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	409053	41.166	ug/L	96
42) Toluene	7.387	91	3341446	33.211	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	110615	4.298	ug/L	97
45) 1,1,2-Trichloroethane	7.837	97	62862	4.079	ug/L	97
47) Tetrachloroethene	7.976	164	96852	4.278	ug/L	98
48) 2-Hexanone	8.140	43	277760	38.194	ug/L #	87
49) Dibromochloromethane	8.246	129	84196	4.061	ug/L	98
50) 1,2-Dibromoethane	8.352	107	57928	3.955	ug/L	94
51) Chlorobenzene	8.879	112	535466	8.032	ug/L	98
52) Ethylbenzene	9.014	91	6019219	56.268	ug/L	98
53) m,p-xylene	9.140	106	2812189	66.271	ug/L	99
54) o-xylene	9.545	106	1546291	38.056	ug/L	99
55) Styrene	9.558	104	387666	5.663	ug/L #	65
57) 1,1,2,2-Tetrachloroethane	10.242	83	63670	4.263	ug/L	99
59) Bromoform	9.731	173	46232	4.110	ug/L	100
60) Isopropylbenzene	9.931	105	988139	8.955	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	46381	3.756	ug/L #	72
62) 1,3,5-Trimethylbenzene	10.538	105	588267	6.323	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	1608665	16.964	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	275649	4.821	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	293545	5.181	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	548993	10.608	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	14244	5.348	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	215399	4.731	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	175013	4.992	ug/L	96
71) Naphthalene	13.500	128	1290526	24.792	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	145754	4.727	ug/L #	93

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

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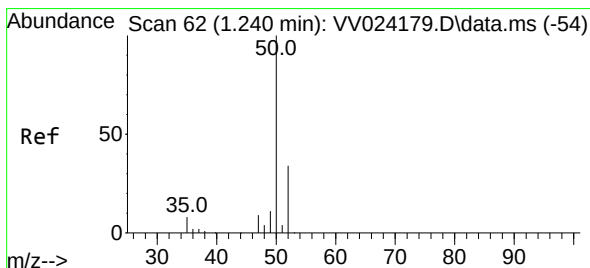
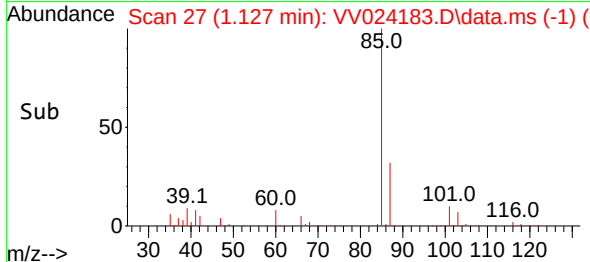
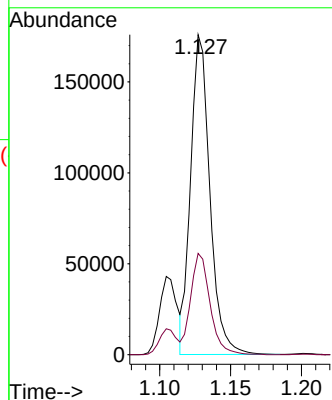
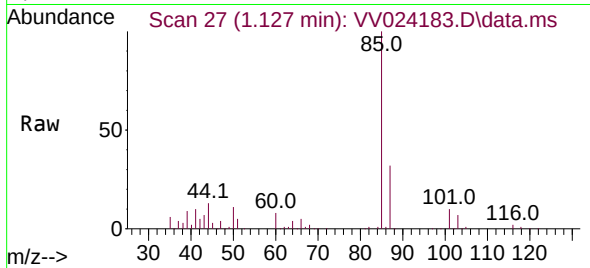
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 Dichlorodifluoromethane
 Concen: 4.176 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: VV024183.D
 Acq: 27 Dec 2021 16:40

Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9MSD

Tgt Ion: 85 Resp: 16586
 Ion Ratio Lower Upper
 85 100
 87 32.0 26.0 39.0

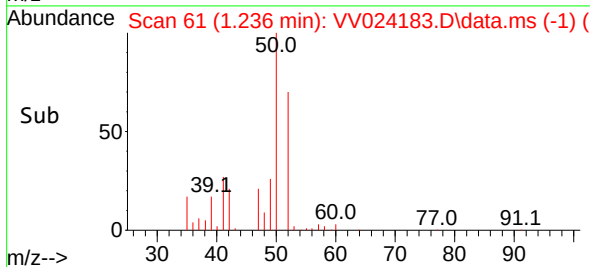
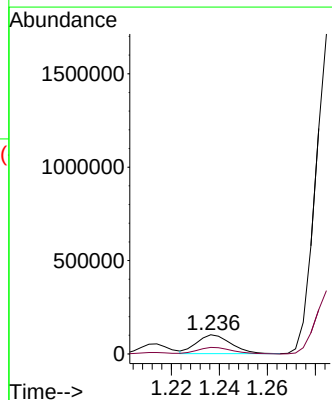
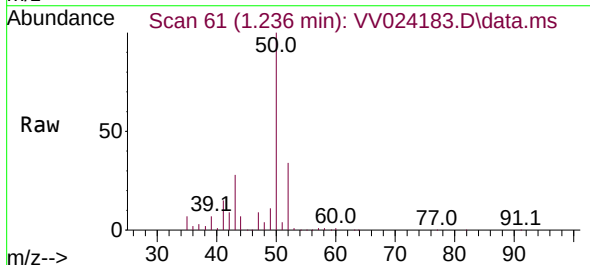
Manual Integrations
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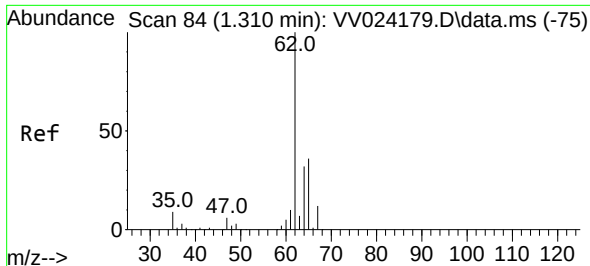
Reviewed By :Amit Patel 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#3
 Chloromethane
 Concen: 3.318 ug/L
 RT: 1.236 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VV024183.D
 Acq: 27 Dec 2021 16:40

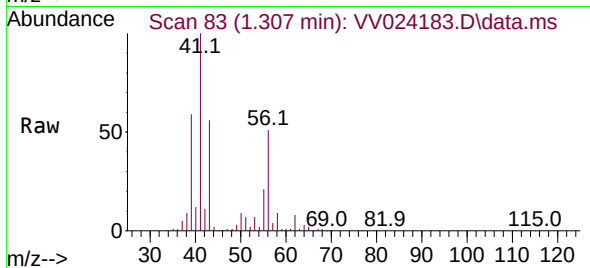
Tgt Ion: 50 Resp: 99601
 Ion Ratio Lower Upper
 50 100
 52 34.2 22.0 41.0





#5
 Vinyl chloride
 Concen: 3.987 ug/L
 RT: 1.307 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV024183.D
 Acq: 27 Dec 2021 16:40

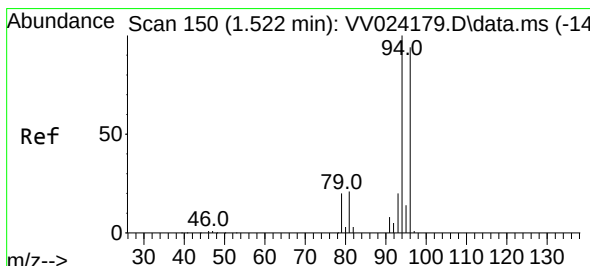
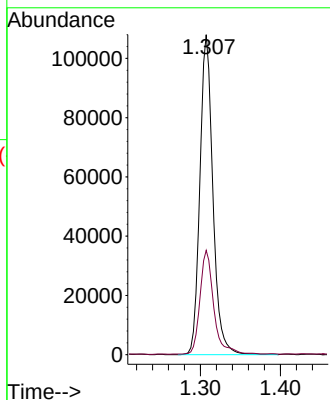
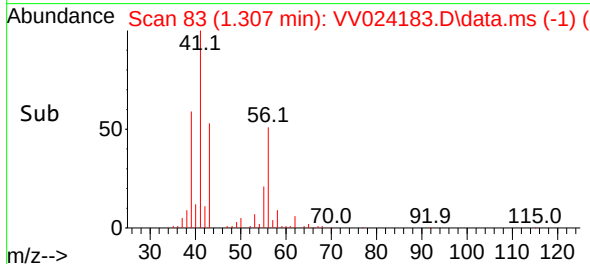
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9MSD



Tgt Ion: 62 Resp: 122470
 Ion Ratio Lower Upper
 62 100
 64 32.6 22.4 41.6

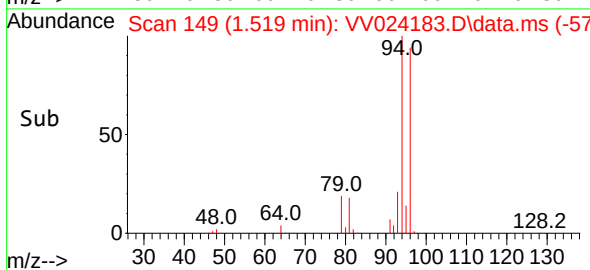
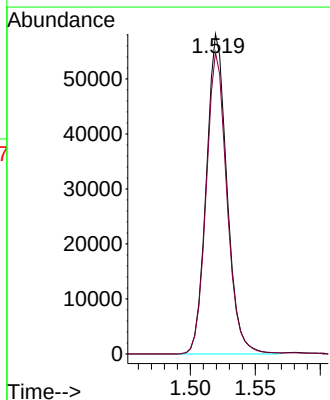
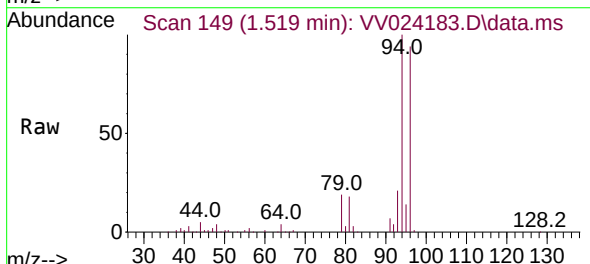
Manual Integrations
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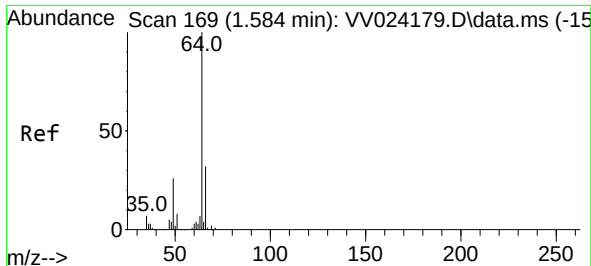
Reviewed By :Amit Patel 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022



#6
 Bromomethane
 Concen: 3.280 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VV024183.D
 Acq: 27 Dec 2021 16:40

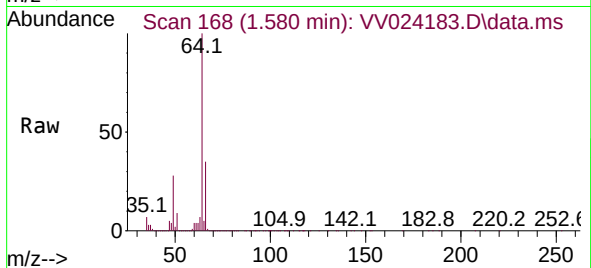
Tgt Ion: 94 Resp: 64281
 Ion Ratio Lower Upper
 94 100
 96 94.2 66.2 123.0





#8
Chloroethane
Concen: 388.150 ug/L
RT: 1.580 min Scan# 169
Delta R.T. -0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

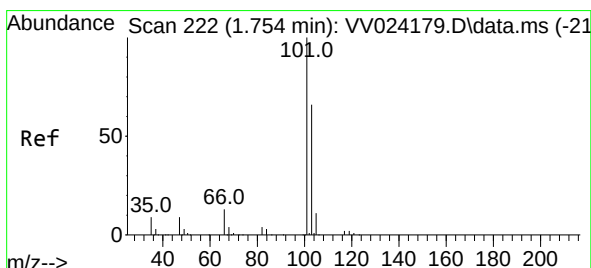
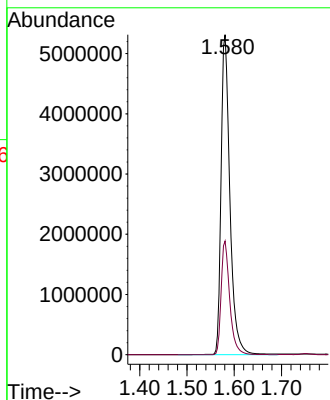
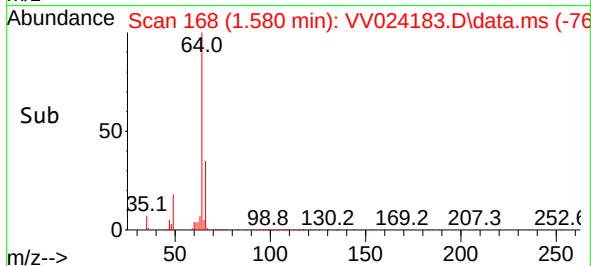
Instrument :
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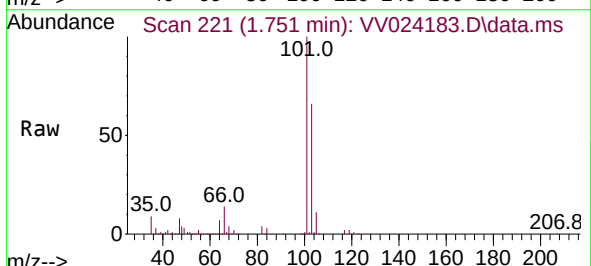
Tgt Ion: 64 Resp: 6932709
Ion Ratio Lower Upper
64 100
66 35.5 21.4 39.8

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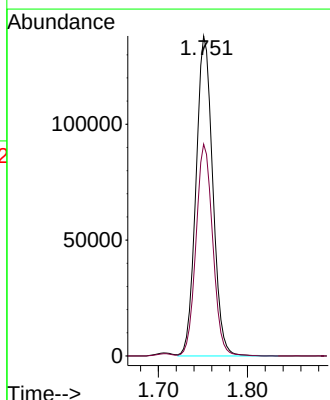
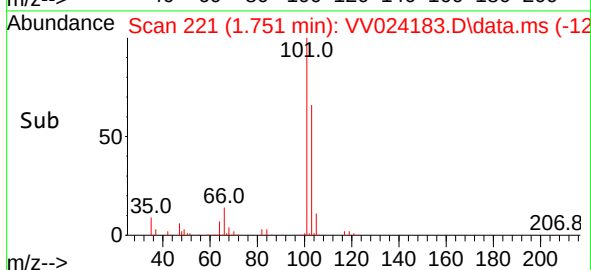
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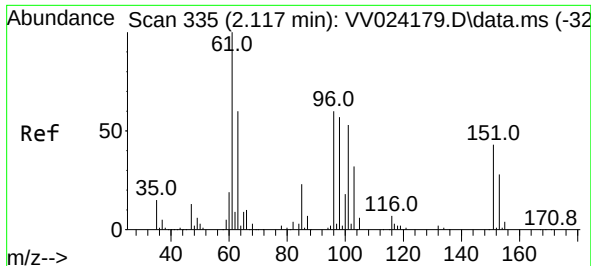


#9
Trichlorofluoromethane
Concen: 3.617 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40



Tgt Ion:101 Resp: 180621
Ion Ratio Lower Upper
101 100
103 66.1 51.6 77.4





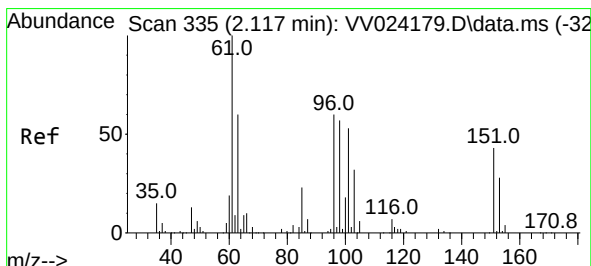
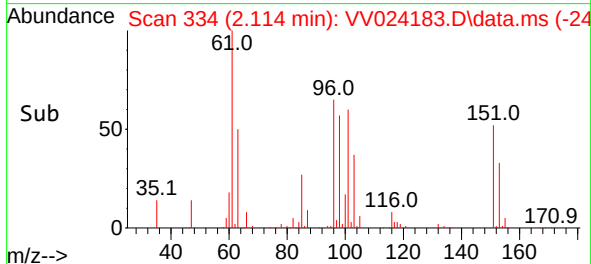
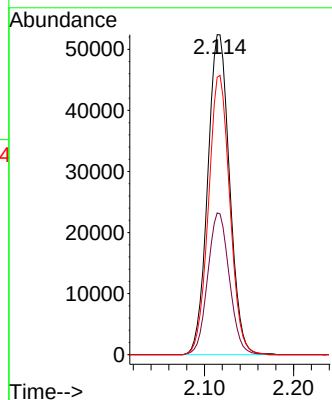
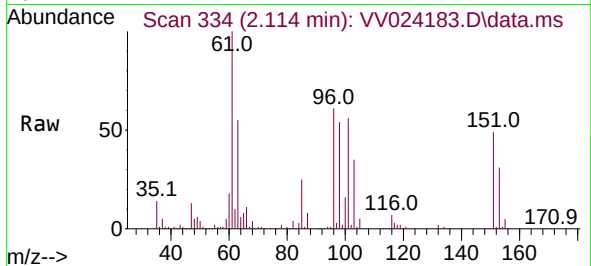
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 3.726 ug/L
RT: 2.114 min Scan# 311
Delta R.T. -0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Instrument :
MSVOA_V
ClientSampleId :
GBCC9MSD

Tgt Ion:101 Resp: 8931
Ion Ratio Lower Upper
101 100
85 43.9 36.0 54.0
151 85.2 66.4 99.6

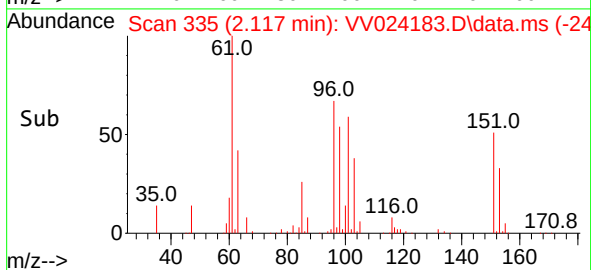
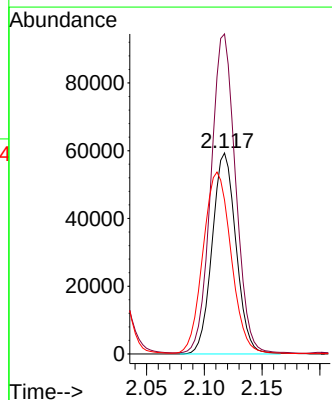
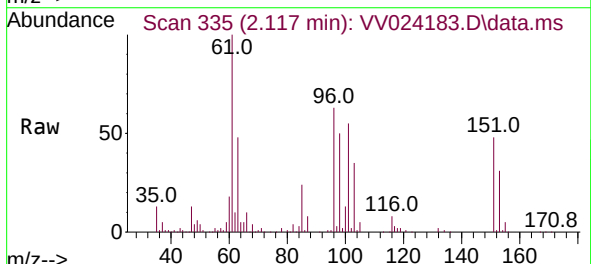
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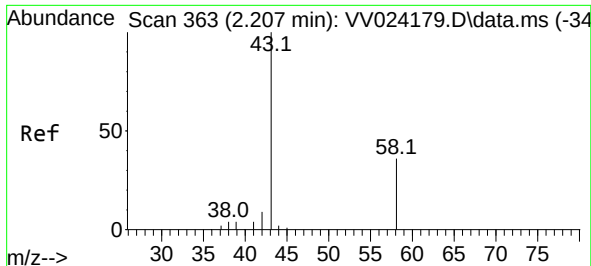
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#12
1,1-Dichloroethene
Concen: 3.607 ug/L
RT: 2.117 min Scan# 335
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Tgt Ion: 96 Resp: 85108
Ion Ratio Lower Upper
96 100
61 159.3 116.1 215.5
63 76.6 79.4 147.4#





#13

Acetone

Concen: 52.378 ug/L

RT: 2.214 min Scan# 30

Delta R.T. 0.003 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MSD

Tgt Ion: 43 Resp: 106734

Ion Ratio Lower Upper

43 100

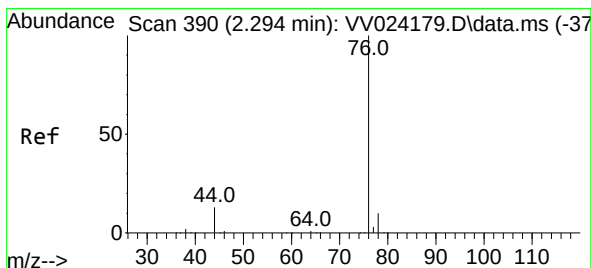
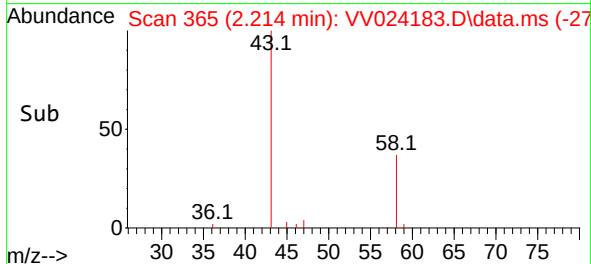
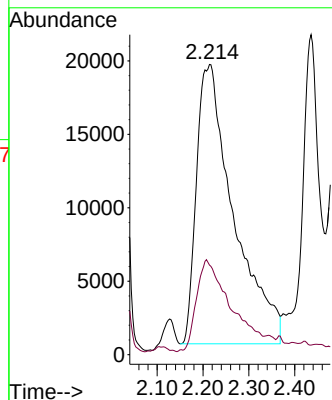
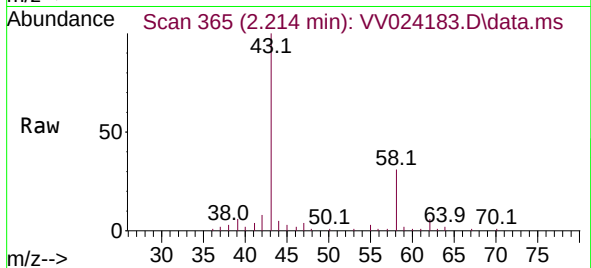
58 30.7 0.0 41.4

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/02/2022



#14

Carbon disulfide

Concen: 4.144 ug/L

RT: 2.291 min Scan# 389

Delta R.T. -0.003 min

Lab File: VV024183.D

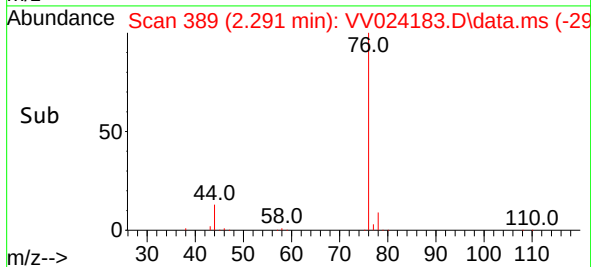
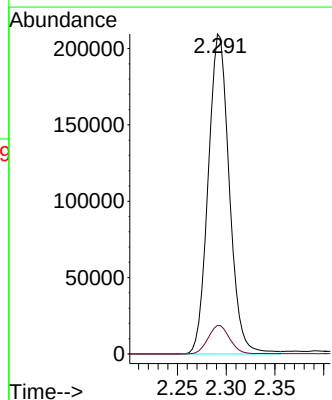
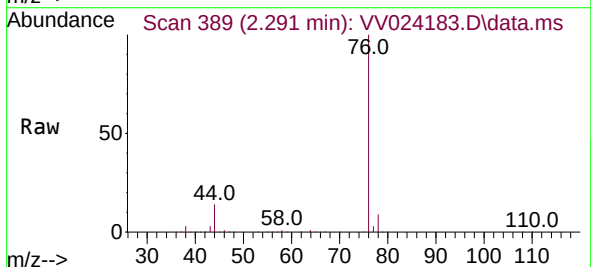
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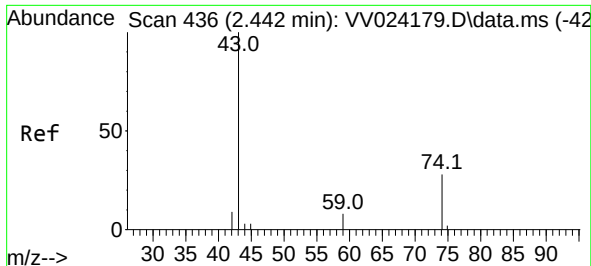
Tgt Ion: 76 Resp: 315943

Ion Ratio Lower Upper

76 100

78 8.9 7.5 11.3





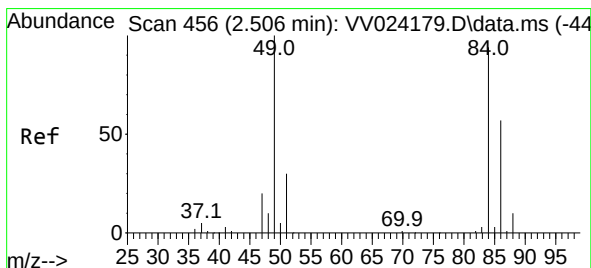
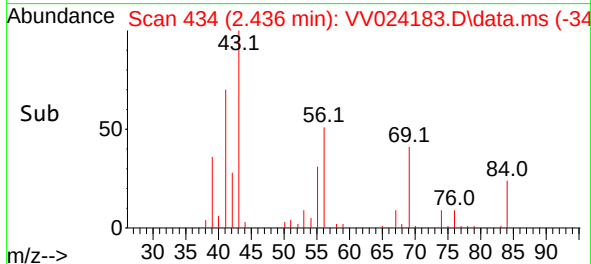
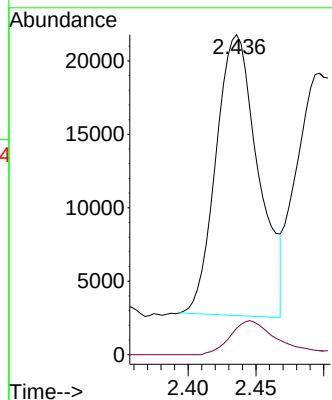
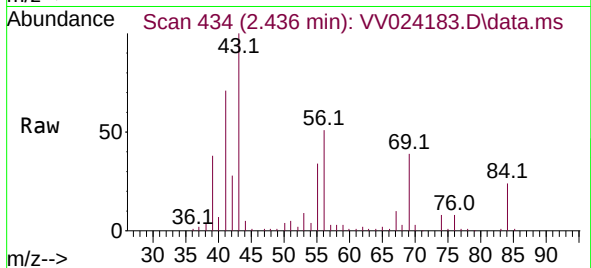
#15
Methyl Acetate
Concen: 8.212 ug/L
RT: 2.436 min Scan# 4155
Delta R.T. -0.010 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Instrument :
MSVOA_V
ClientSampleId :
GBCC9MSD

Tgt Ion: 43 Resp: 4155
Ion Ratio Lower Upper
43 100
74 13.3 20.2 30.2

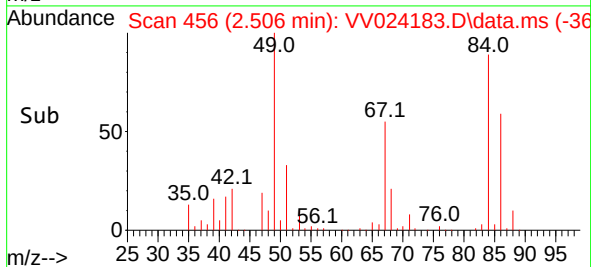
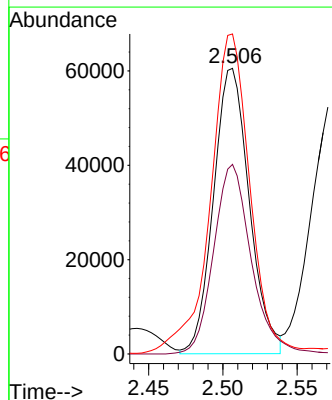
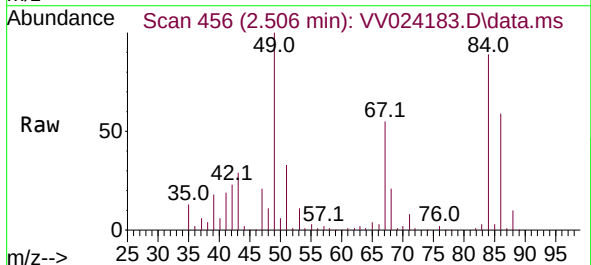
Manual Integrations
APPROVED

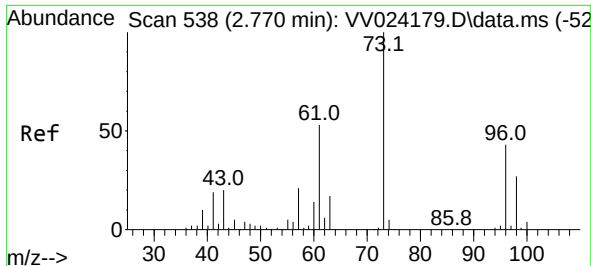
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#16
Methylene chloride
Concen: 4.033 ug/L
RT: 2.506 min Scan# 456
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Tgt Ion: 84 Resp: 101723
Ion Ratio Lower Upper
84 100
86 66.4 42.6 79.0
49 112.0 79.7 147.9





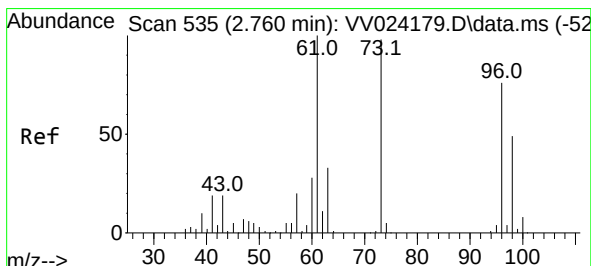
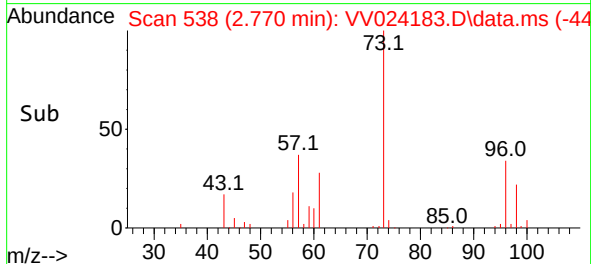
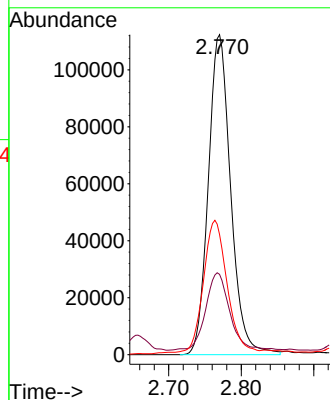
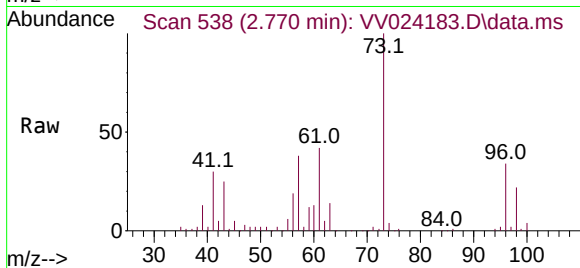
#17
Methyl tert-butyl Ether
Concen: 5.051 ug/L
RT: 2.770 min Scan# 51
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Instrument :
MSVOA_V
ClientSampleId :
GBCC9MSD

Tgt Ion: 73 Resp: 240975
Ion Ratio Lower Upper
73 100
43 25.8 15.5 23.3
57 44.7 17.1 25.7

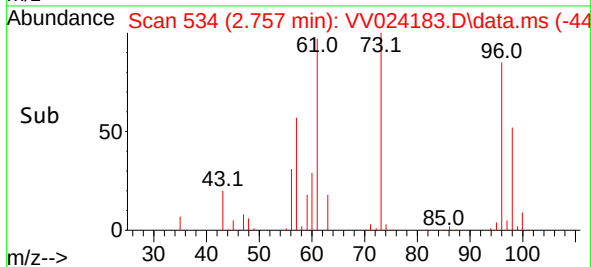
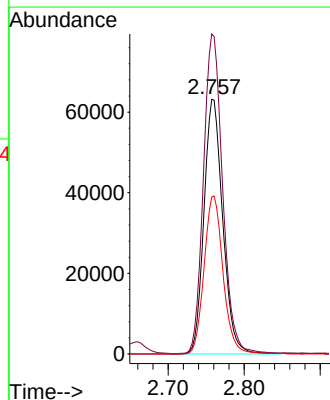
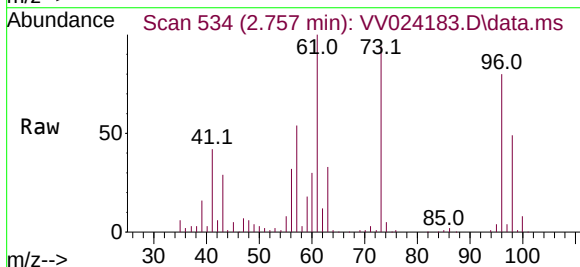
Manual Integrations
APPROVED

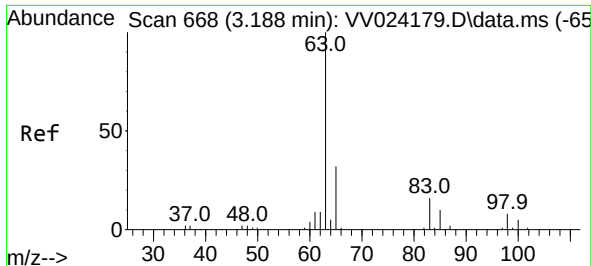
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#18
trans-1,2-Dichloroethene
Concen: 4.337 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Tgt Ion: 96 Resp: 108675
Ion Ratio Lower Upper
96 100
61 125.6 88.2 163.8
98 61.6 44.9 83.5





#19

1,1-Dichloroethane

Concen: 5.944 ug/L

RT: 3.188 min Scan# 668

Delta R.T. -0.003 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MSD

Tgt Ion: 63 Resp: 247964

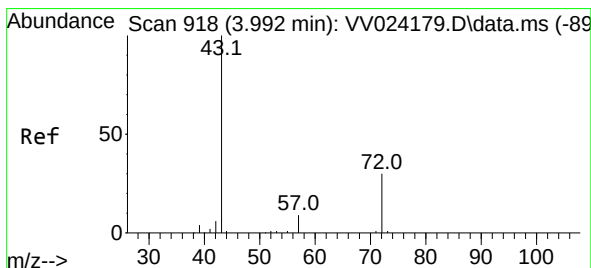
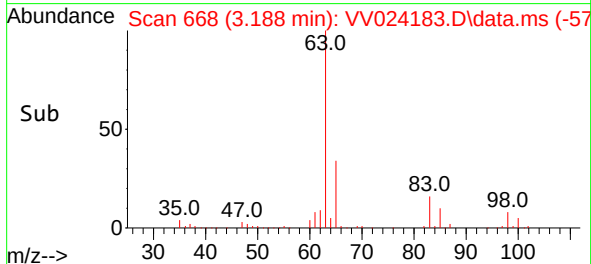
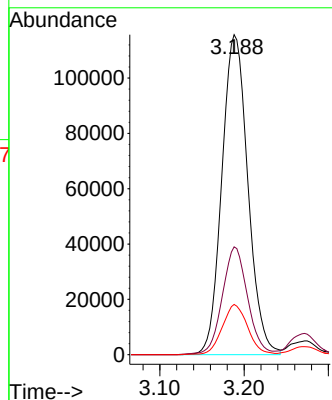
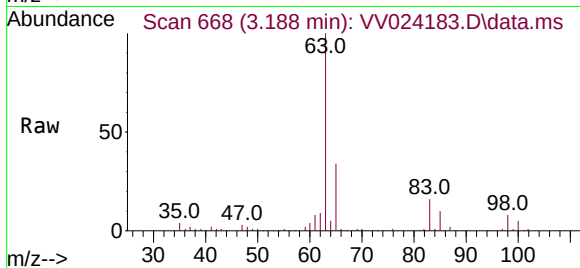
Ion	Ratio	Lower	Upper
63	100		
65	33.7	22.3	41.3
83	15.7	10.7	19.9

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#21

2-Butanone

Concen: 48.802 ug/L

RT: 3.995 min Scan# 919

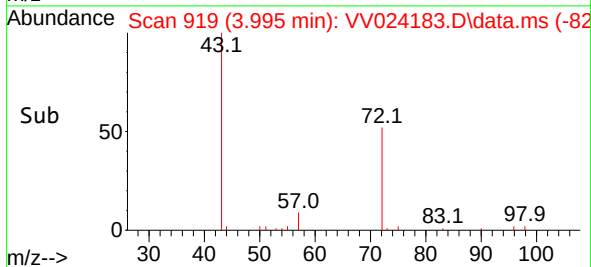
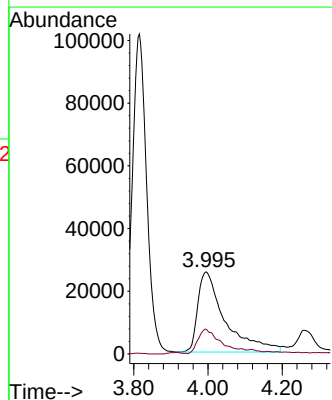
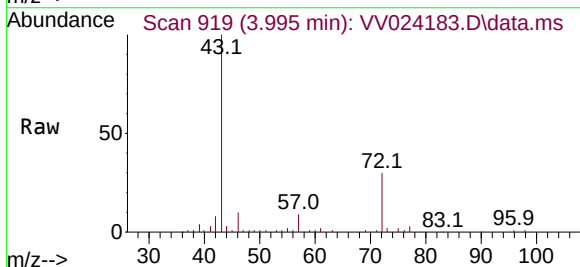
Delta R.T. -0.000 min

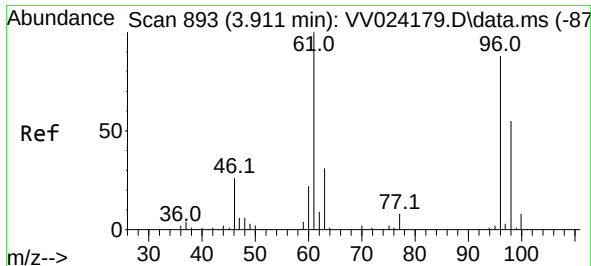
Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Tgt Ion: 43 Resp: 130844

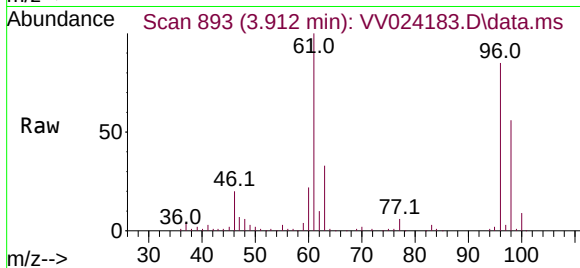
Ion	Ratio	Lower	Upper
43	100		
72	23.8	11.1	33.1





#22
cis-1,2-Dichloroethene
Concen: 4.511 ug/L
RT: 3.912 min Scan# 893
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

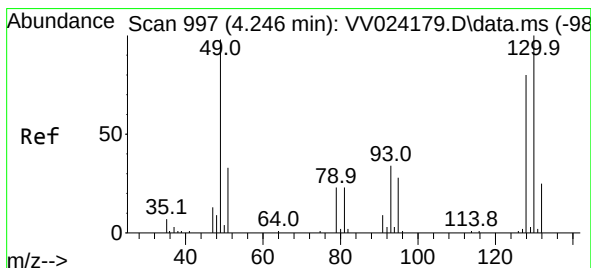
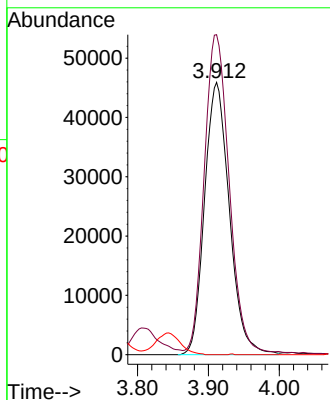
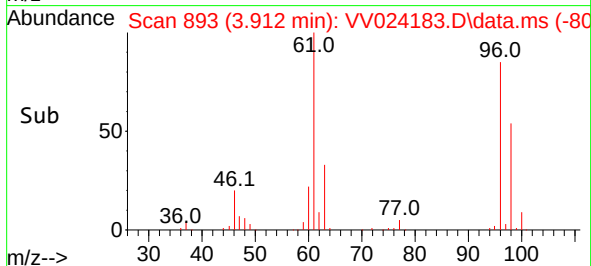
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MSD



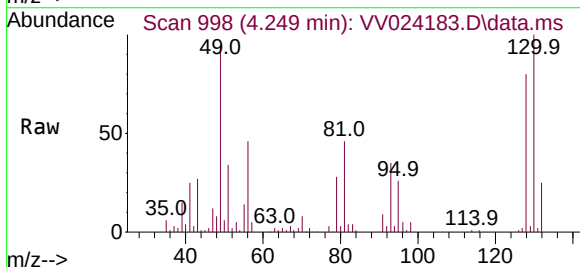
Tgt Ion: 96 Resp: 111860
Ion Ratio Lower Upper
96 100
61 117.5 83.4 154.8
68 0.0 0.0 0.0

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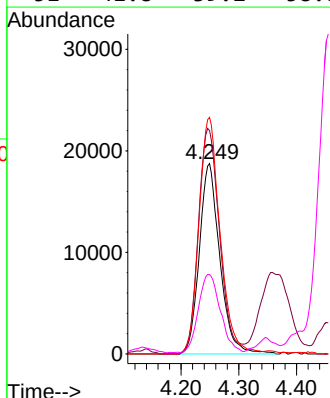
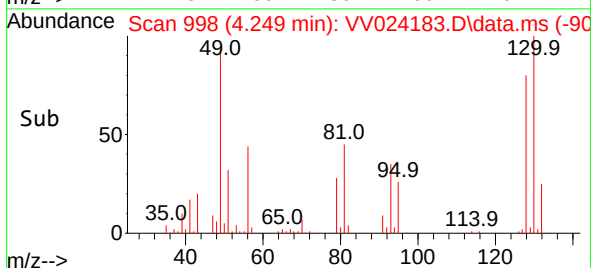
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

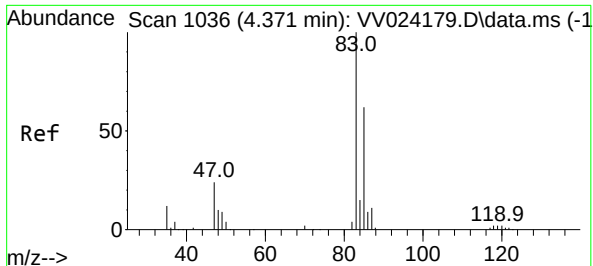


#23
Bromochloromethane
Concen: 3.898 ug/L
RT: 4.249 min Scan# 998
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40



Tgt Ion:128 Resp: 46197
Ion Ratio Lower Upper
128 100
49 117.3 100.2 186.2
130 124.3 92.5 171.7
51 41.8 39.2 58.8





#25

Chloroform

Concen: 6.805 ug/L

RT: 4.378 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MSD

Tgt Ion: 83 Resp: 317194

Ion Ratio Lower Upper

83 100

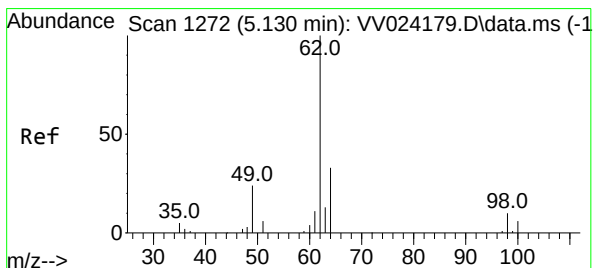
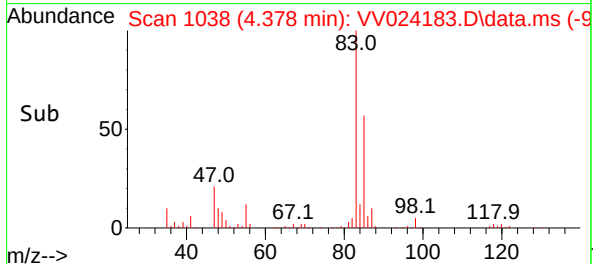
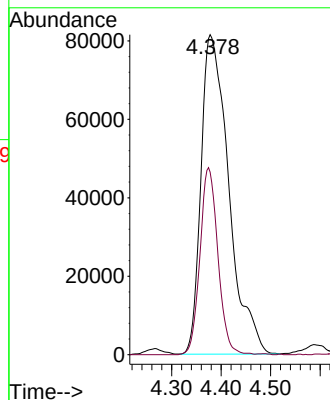
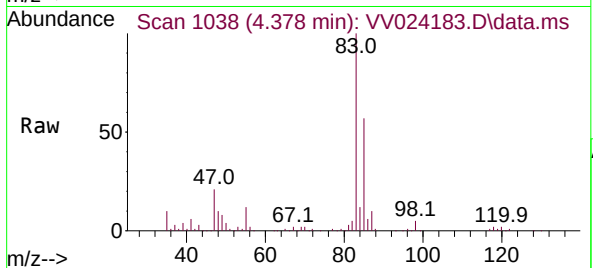
85 57.1 45.2 84.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#27

1,2-Dichloroethane

Concen: 3.800 ug/L m

RT: 5.127 min Scan# 1271

Delta R.T. -0.003 min

Lab File: VV024183.D

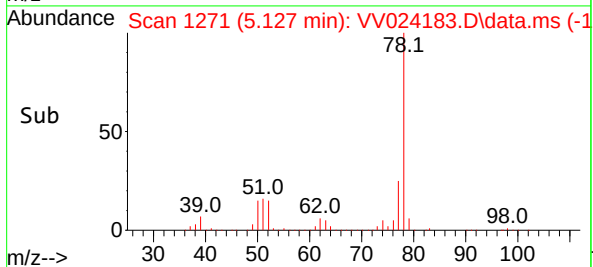
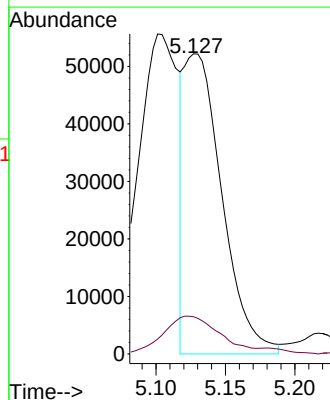
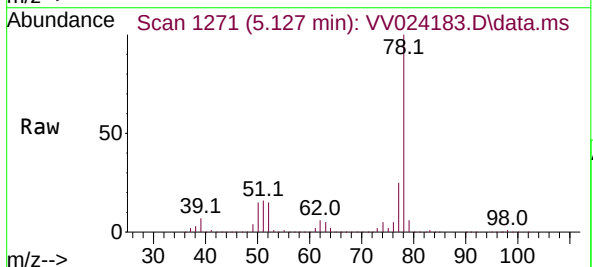
Acq: 27 Dec 2021 16:40

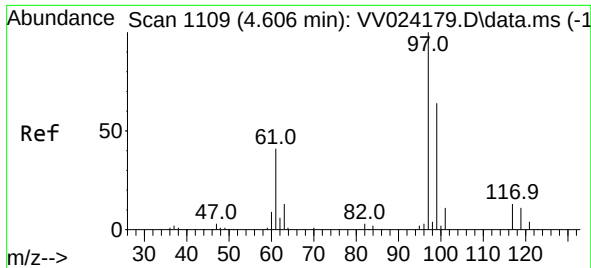
Tgt Ion: 62 Resp: 99156

Ion Ratio Lower Upper

62 100

98 12.4 8.1 12.1#





#29

1,1,1-Trichloroethane

Concen: 4.176 ug/L

RT: 4.606 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MSD

Tgt Ion: 97 Resp: 18100

Ion Ratio Lower Upper

97 100

99 64.6 51.9 77.9

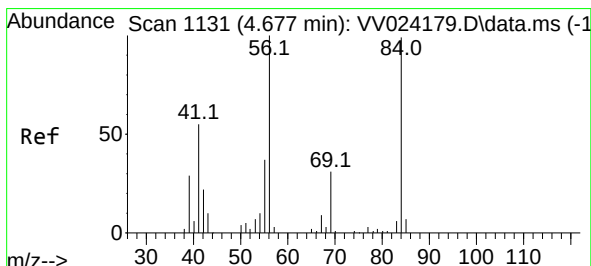
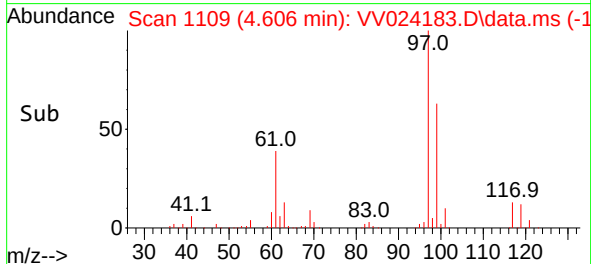
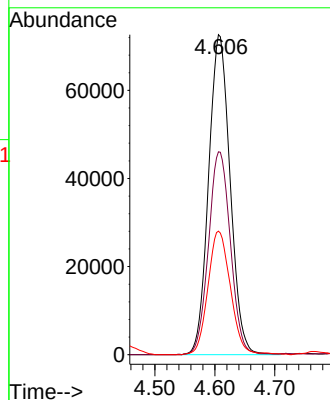
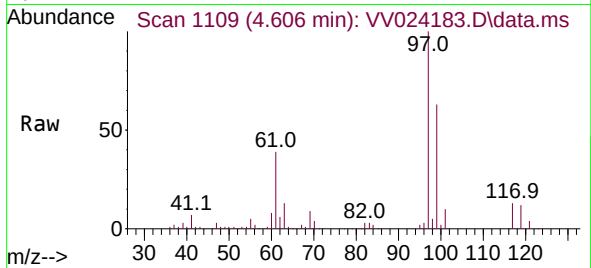
61 40.1 33.2 49.8

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#30

Cyclohexane

Concen: 10.247 ug/L

RT: 4.677 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

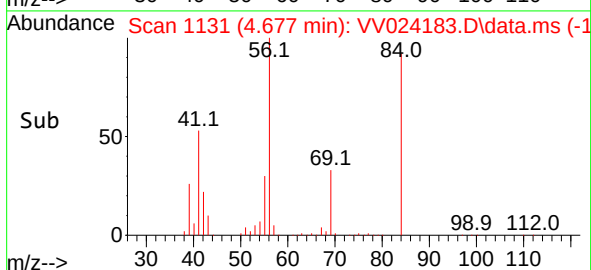
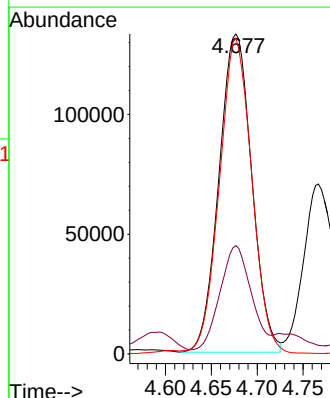
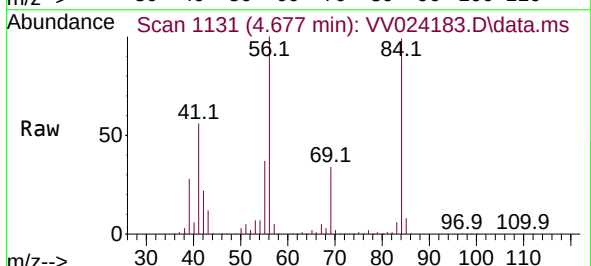
Tgt Ion: 56 Resp: 330382

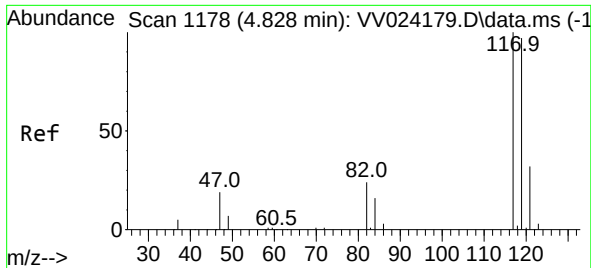
Ion Ratio Lower Upper

56 100

69 31.1 24.8 37.2

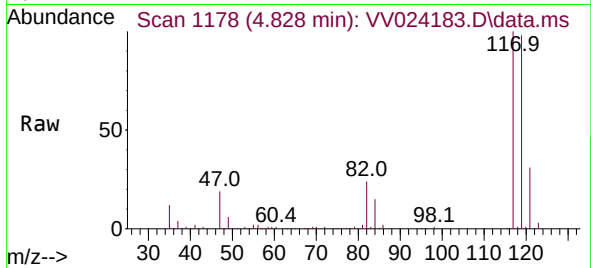
84 97.8 75.9 113.9





#31
Carbon tetrachloride
Concen: 4.111 ug/L
RT: 4.828 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

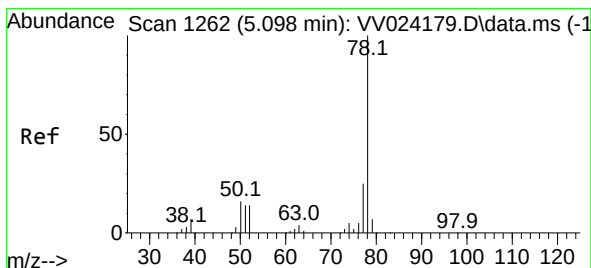
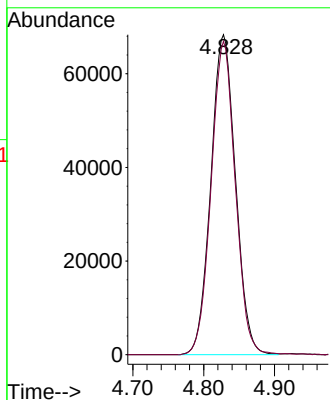
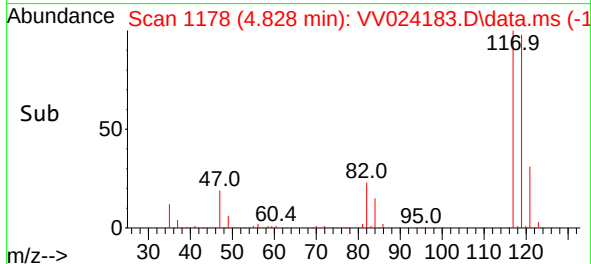
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MSD



Tgt Ion:117 Resp: 16525
Ion Ratio Lower Upper
117 100
119 95.8 76.6 114.8

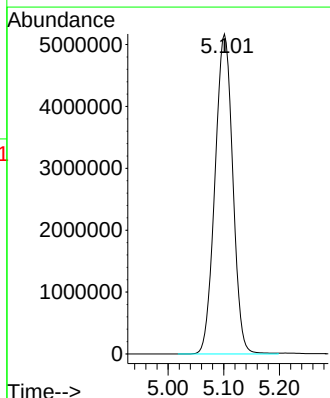
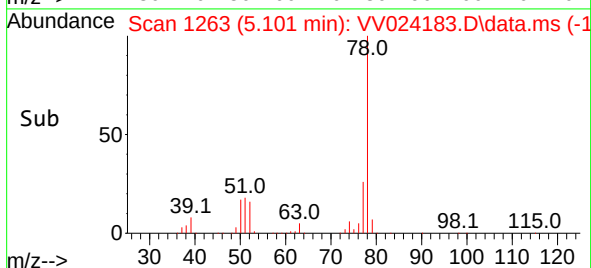
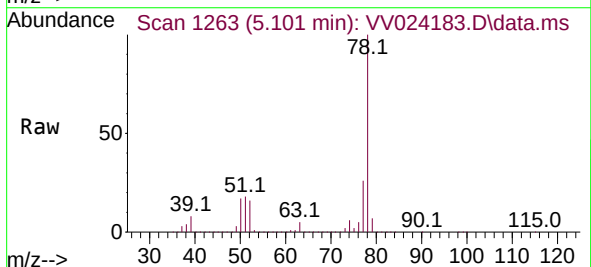
Manual Integrations
APPROVED

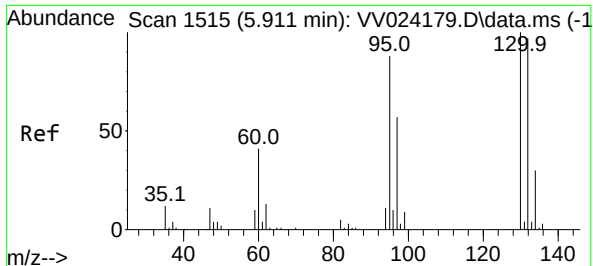
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#33
Benzene
Concen: 127.406 ug/L
RT: 5.101 min Scan# 1263
Delta R.T. 0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Tgt Ion: 78 Resp:11487760





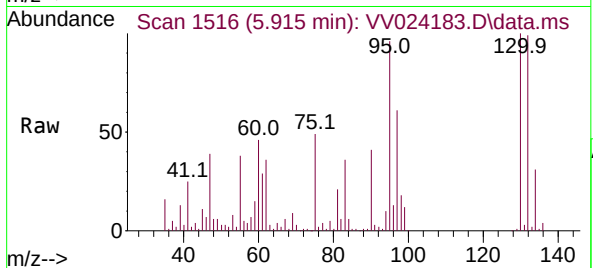
#34
Trichloroethene
Concen: 4.562 ug/L
RT: 5.915 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MSD



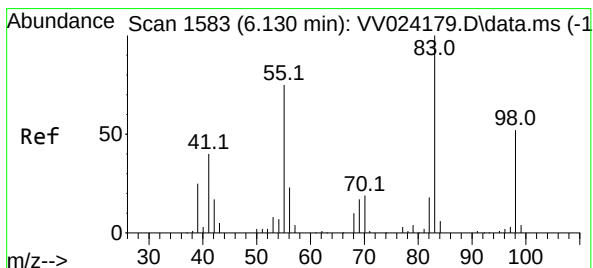
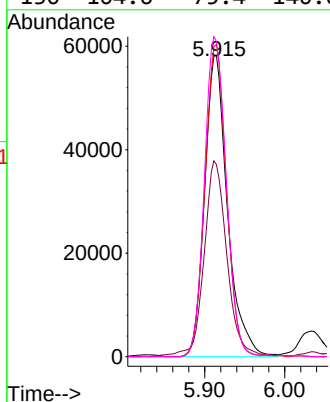
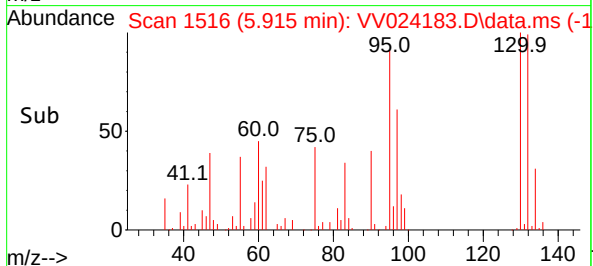
Tgt Ion: 95 Resp: 11606
Ion Ratio Lower Upper
95 100
97 63.8 45.2 84.0
132 103.7 76.1 141.3
130 104.6 75.4 140.0

Manual Integrations

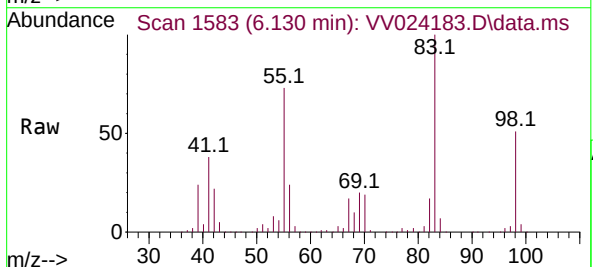
APPROVED

Reviewed By :Amit Patel 12/29/2021

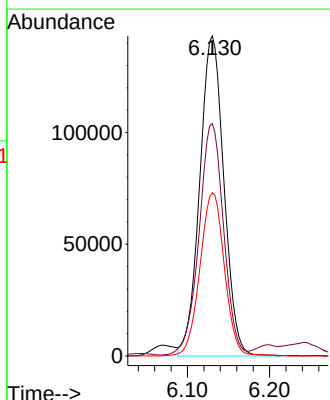
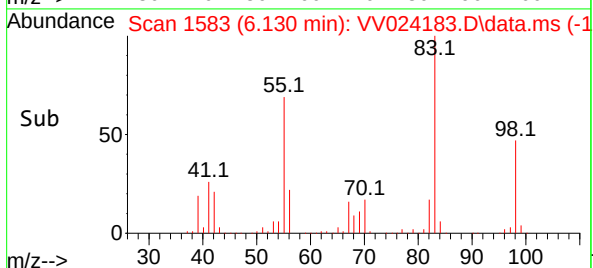
Supervised By :Semsettin Yesilyurt 01/02/2022

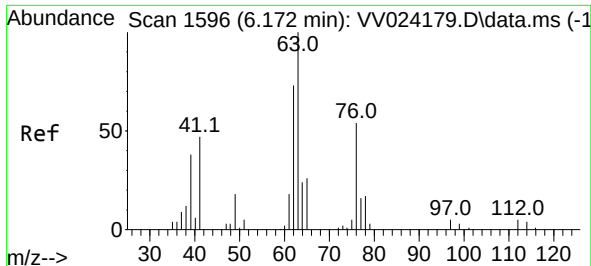


#35
Methylcyclohexane
Concen: 7.957 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40



Tgt Ion: 83 Resp: 293199
Ion Ratio Lower Upper
83 100
55 73.3 60.2 90.2
98 51.7 41.0 61.4





#37

1,2-Dichloropropane

Concen: 3.991 ug/L

RT: 6.172 min Scan# 11

Delta R.T. -0.000 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MSD

Tgt Ion: 63 Resp: 8297

Ion Ratio Lower Upper

63 100

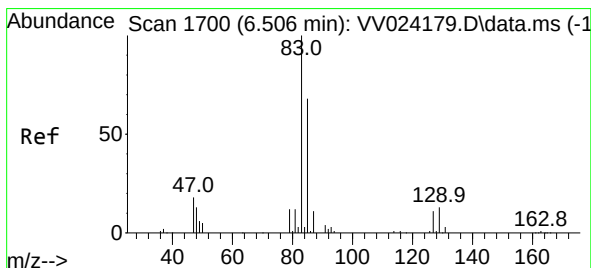
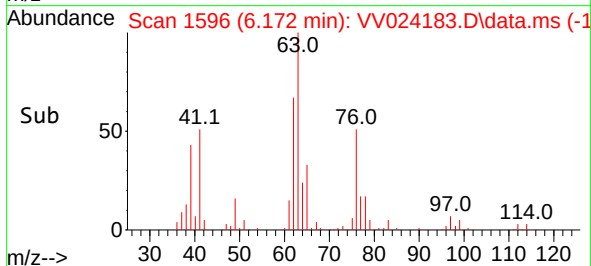
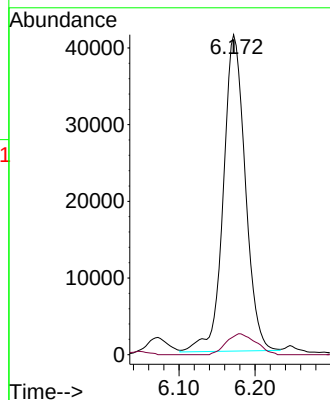
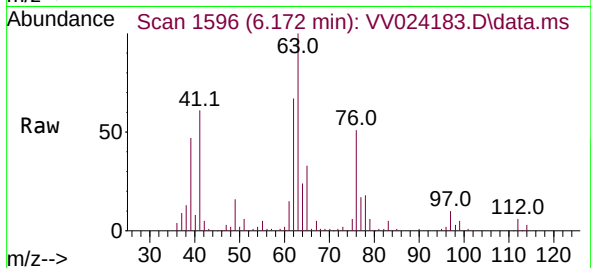
112 8.9 4.3 6.5

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#38

Bromodichloromethane

Concen: 4.387 ug/L

RT: 6.509 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

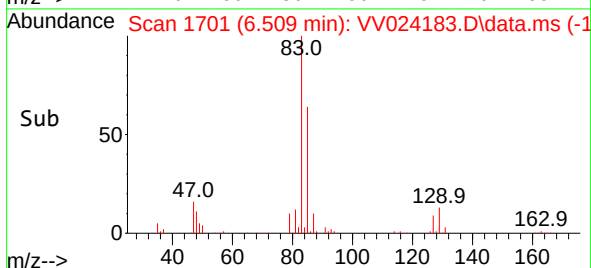
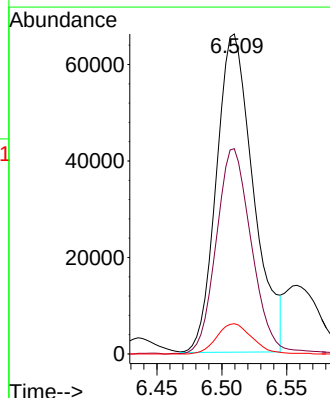
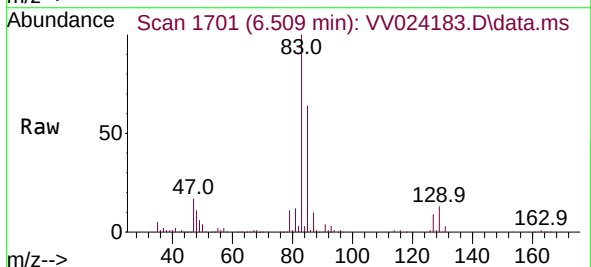
Tgt Ion: 83 Resp: 130691

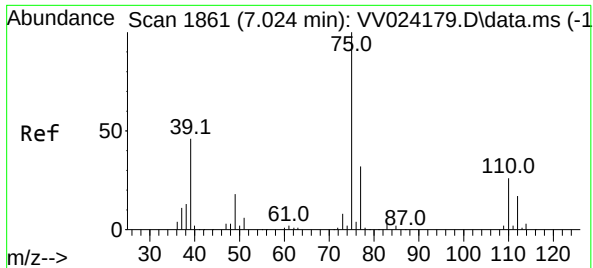
Ion Ratio Lower Upper

83 100

85 64.2 44.0 81.8

127 9.5 8.6 12.8





#39

cis-1,3-Dichloropropene

Concen: 4.717 ug/L

RT: 7.027 min Scan# 1861

Delta R.T. -0.000 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MSD

Tgt Ion: 75 Resp: 142150

Ion Ratio Lower Upper

75 100

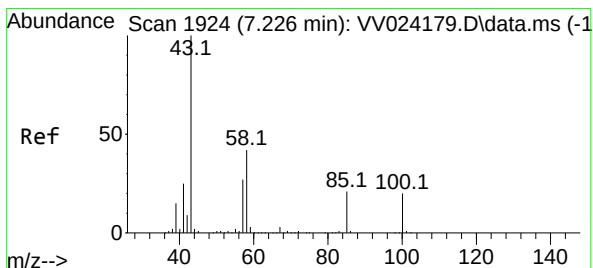
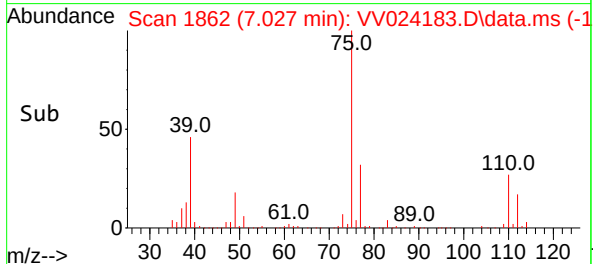
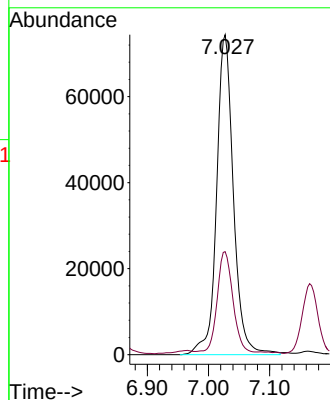
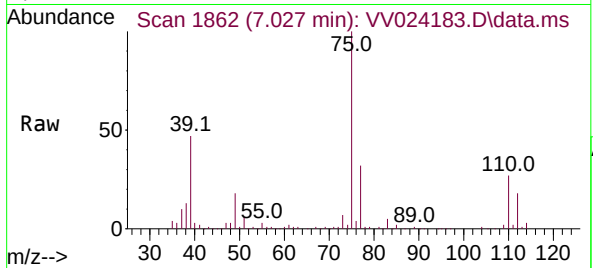
77 32.2 22.0 41.0

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#40

4-Methyl-2-pentanone

Concen: 41.166 ug/L

RT: 7.226 min Scan# 1924

Delta R.T. -0.000 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

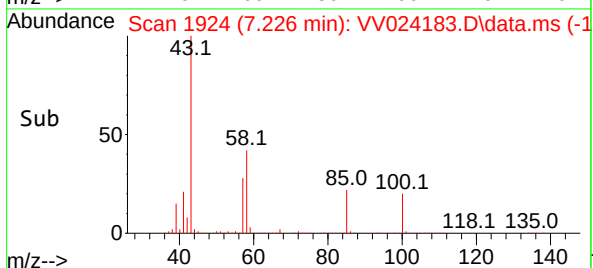
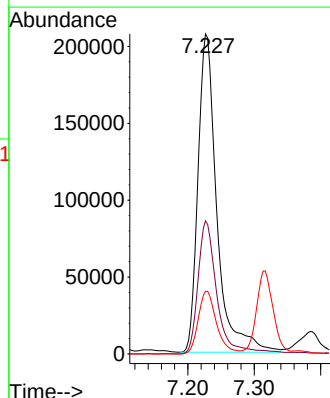
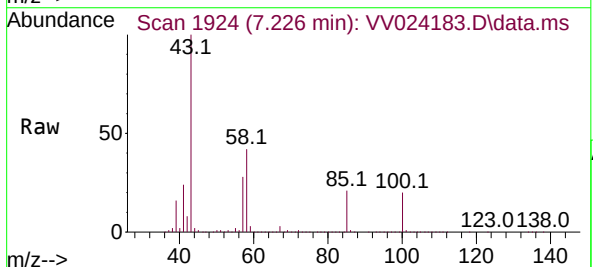
Tgt Ion: 43 Resp: 409053

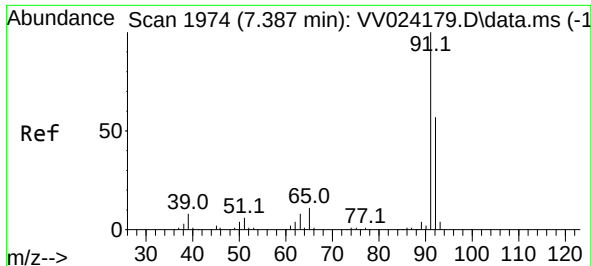
Ion Ratio Lower Upper

43 100

58 42.1 32.3 48.5

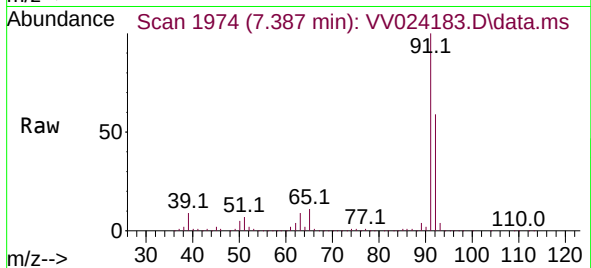
100 19.1 13.0 19.6





#42
Toluene
Concen: 33.211 ug/L
RT: 7.387 min Scan# 1974
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

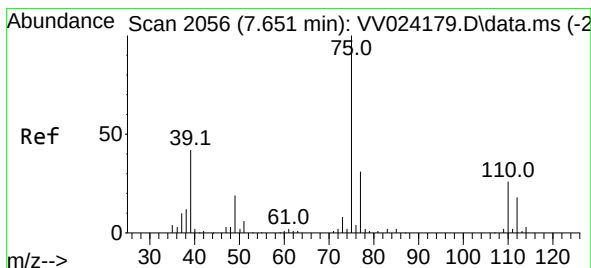
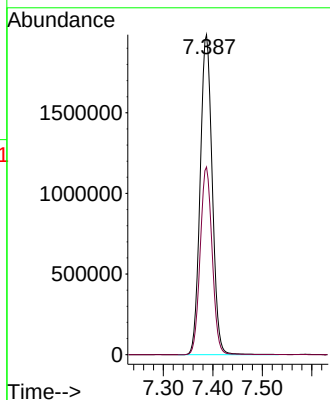
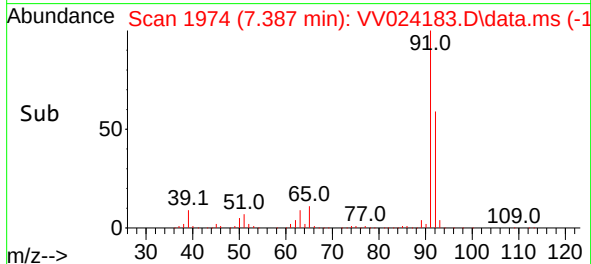
Instrument : MSVOA_V
ClientSampleId : GBCC9MSD



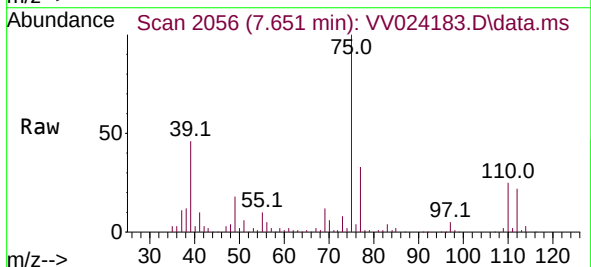
Tgt Ion: 91 Resp: 334144
Ion Ratio Lower Upper
91 100
92 58.6 41.5 77.1

Manual Integrations
APPROVED

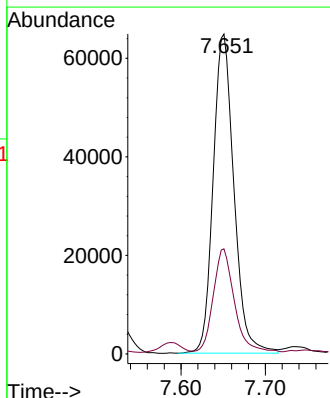
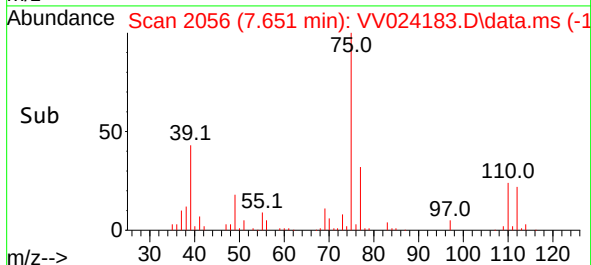
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

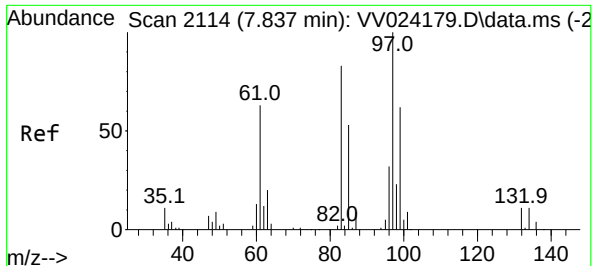


#44
trans-1,3-Dichloropropene
Concen: 4.298 ug/L
RT: 7.651 min Scan# 2056
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40



Tgt Ion: 75 Resp: 110615
Ion Ratio Lower Upper
75 100
77 32.8 21.8 40.4





#45

1,1,2-Trichloroethane

Concen: 4.079 ug/L

RT: 7.837 min Scan# 2114

Delta R.T. -0.000 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MSD

Tgt Ion: 97 Resp: 62862

Ion Ratio Lower Upper

97 100

99 60.1 43.1 80.1

83 79.6 57.9 107.5

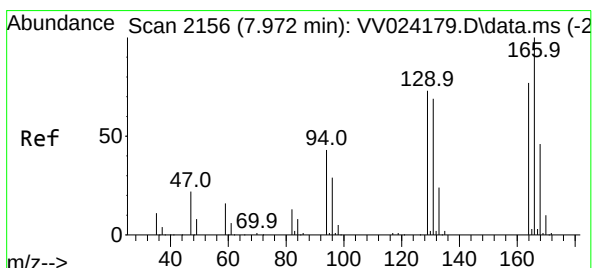
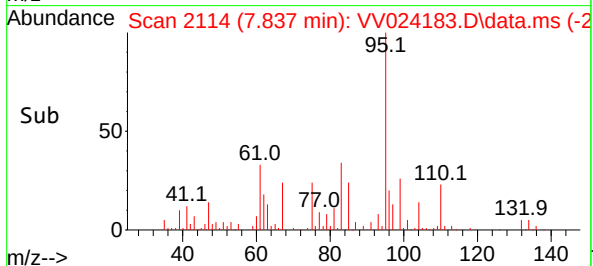
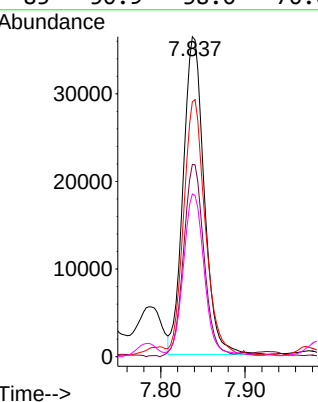
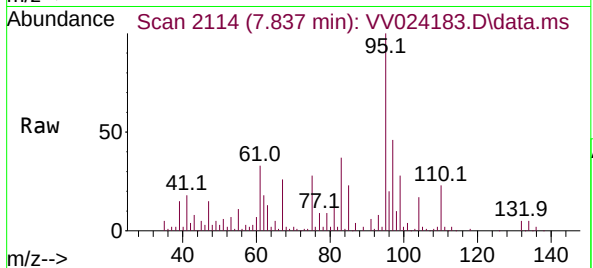
85 50.9 38.0 70.6

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#47

Tetrachloroethene

Concen: 4.278 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Tgt Ion:164 Resp: 96852

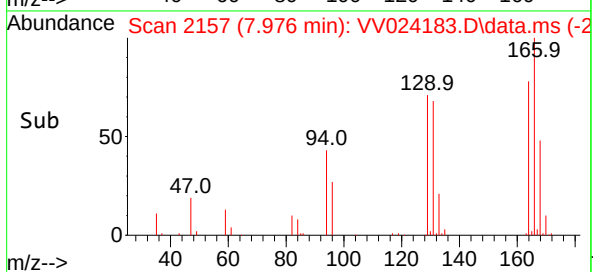
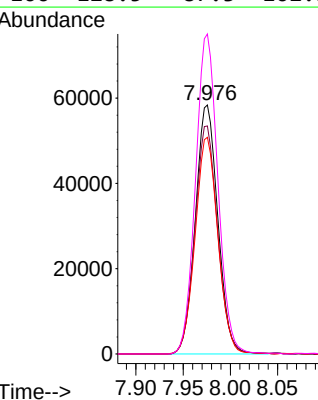
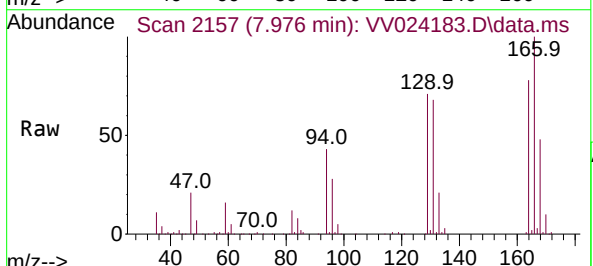
Ion Ratio Lower Upper

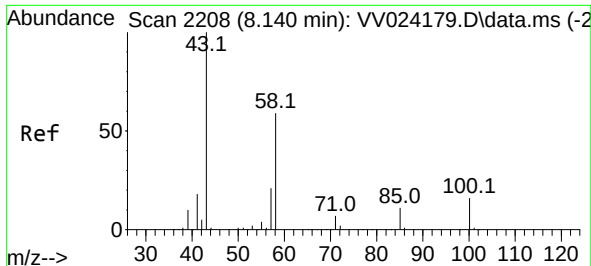
164 100

129 91.5 62.6 116.2

131 87.0 61.0 113.4

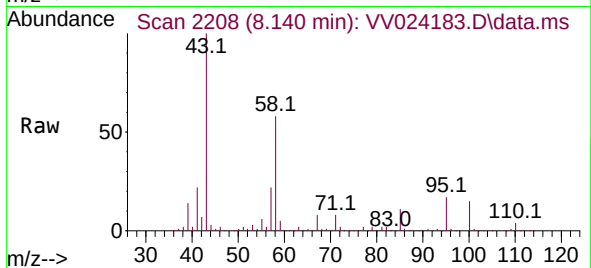
166 128.5 87.3 162.1





#48
2-Hexanone
Concen: 38.194 ug/L
RT: 8.140 min Scan# 2208
Delta R.T. -0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

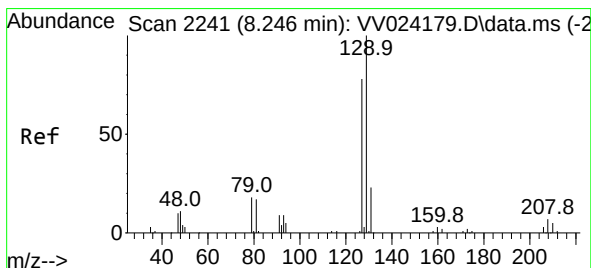
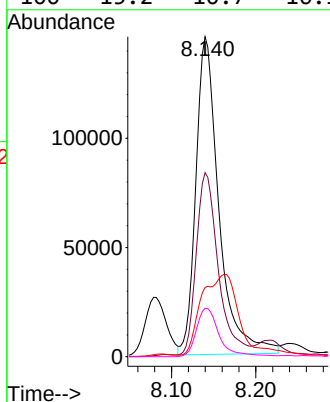
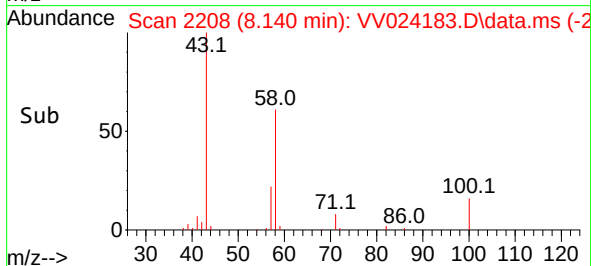
Instrument : MSVOA_V
ClientSampleId : GBCC9MSD



Tgt Ion: 43 Resp: 277760
Ion Ratio Lower Upper
43 100
58 54.3 44.5 66.7
57 42.9 15.1 22.7
100 15.2 10.7 16.1

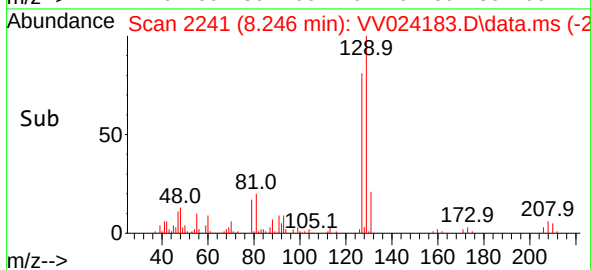
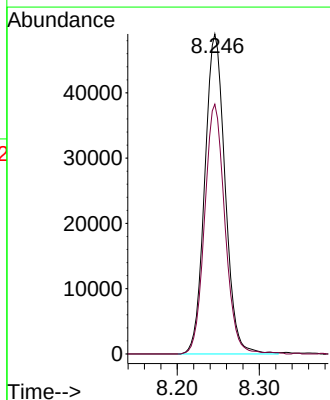
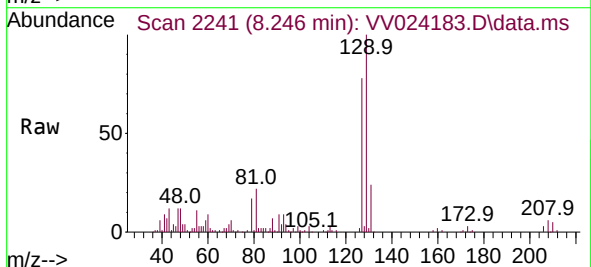
Manual Integrations
APPROVED

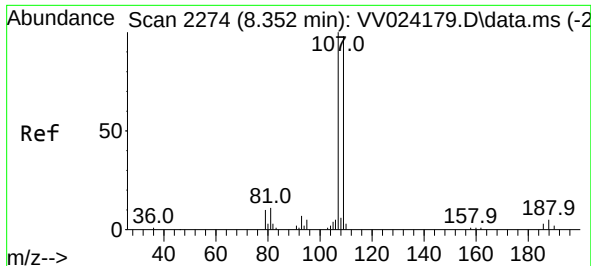
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#49
Dibromochloromethane
Concen: 4.061 ug/L
RT: 8.246 min Scan# 2241
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Tgt Ion:129 Resp: 84196
Ion Ratio Lower Upper
129 100
127 78.1 53.5 99.3





#50

1,2-Dibromoethane

Concen: 3.955 ug/L

RT: 8.352 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MSD

Tgt Ion:107 Resp: 57928

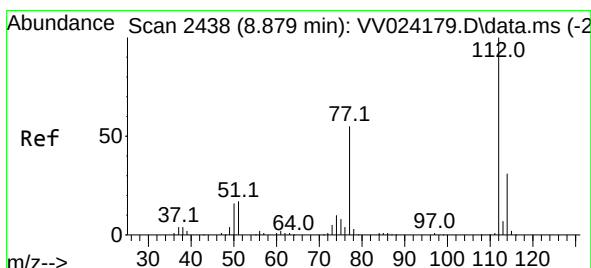
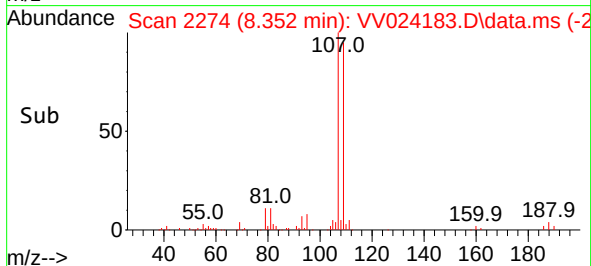
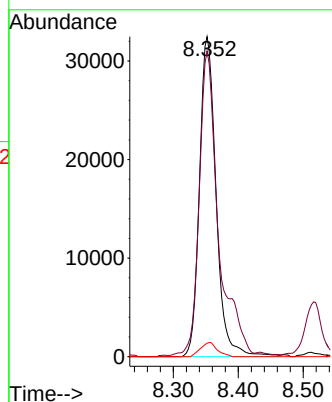
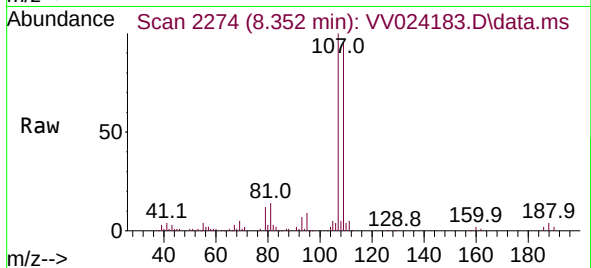
Ion	Ratio	Lower	Upper
107	100		
109	95.6	62.5	116.1
188	4.2	3.4	5.2

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#51

Chlorobenzene

Concen: 8.032 ug/L

RT: 8.879 min Scan# 2438

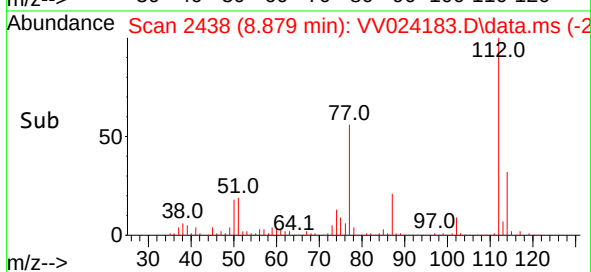
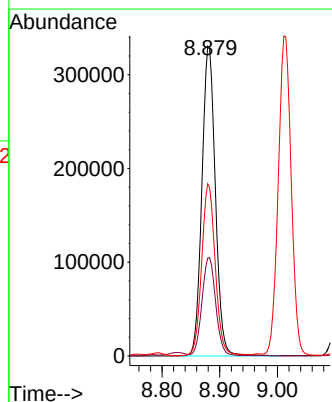
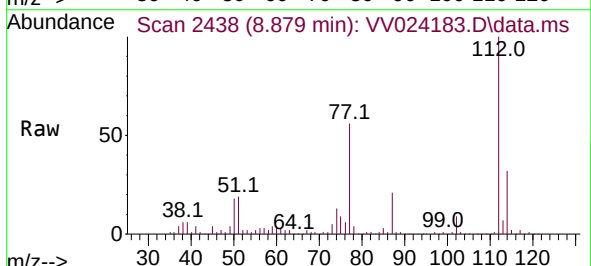
Delta R.T. -0.000 min

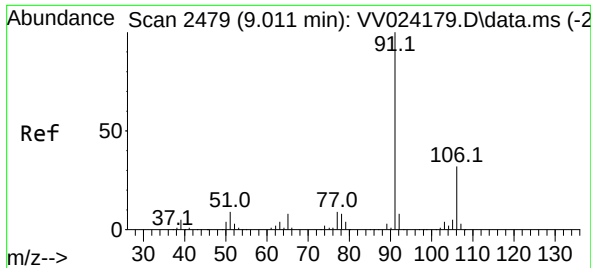
Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Tgt Ion:112 Resp: 535466

Ion	Ratio	Lower	Upper
112	100		
114	31.6	23.3	43.3
77	55.6	43.3	64.9





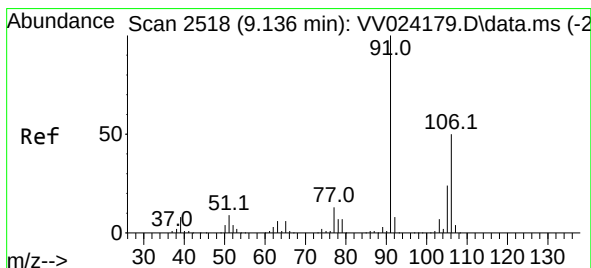
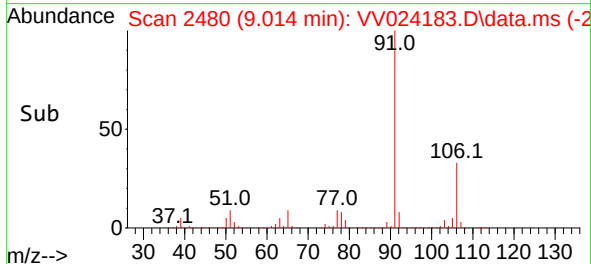
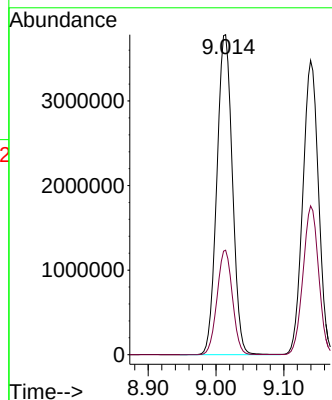
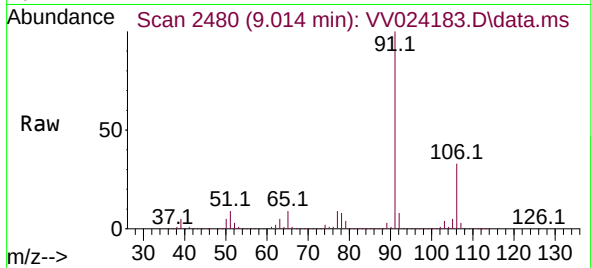
#52
Ethylbenzene
Concen: 56.268 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Instrument :
MSVOA_V
ClientSampleId :
GBCC9MSD

Tgt Ion: 91 Resp: 6019219
Ion Ratio Lower Upper
91 100
106 32.6 22.0 41.0

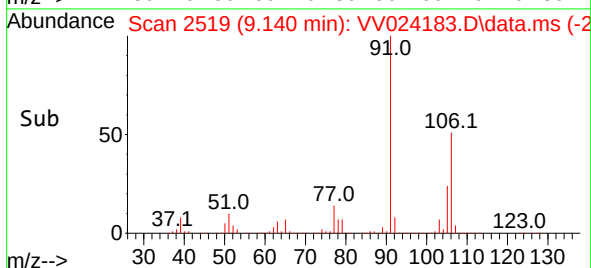
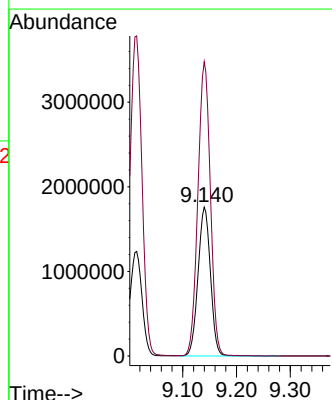
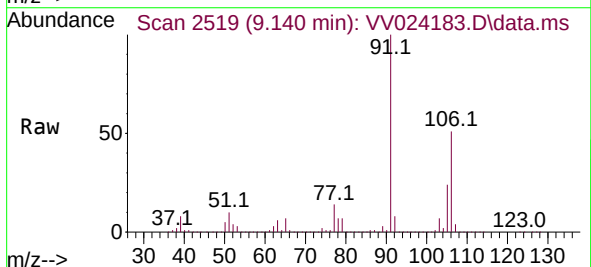
Manual Integrations
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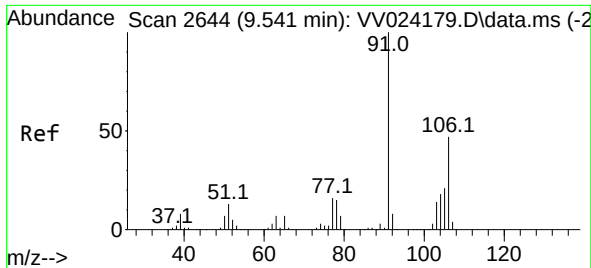
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#53
m,p-xylene
Concen: 66.271 ug/L
RT: 9.140 min Scan# 2519
Delta R.T. 0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Tgt Ion:106 Resp: 2812189
Ion Ratio Lower Upper
106 100
91 197.8 139.5 259.1





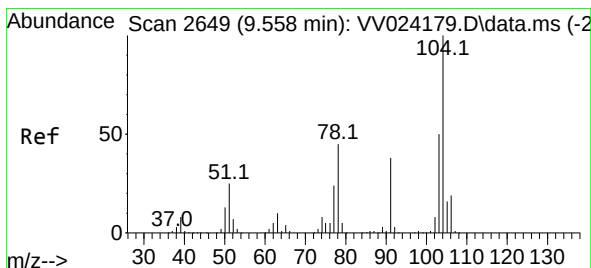
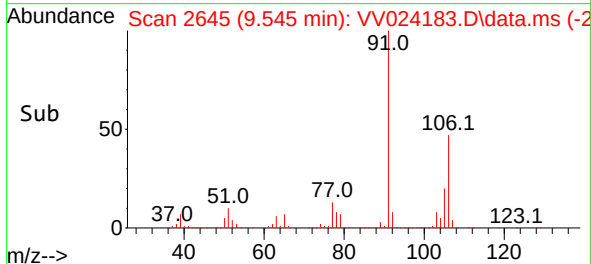
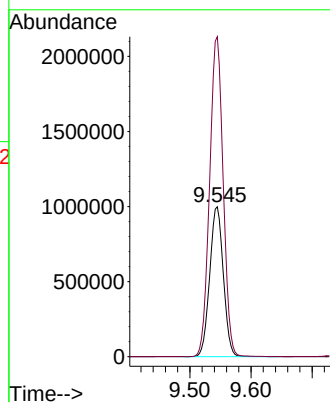
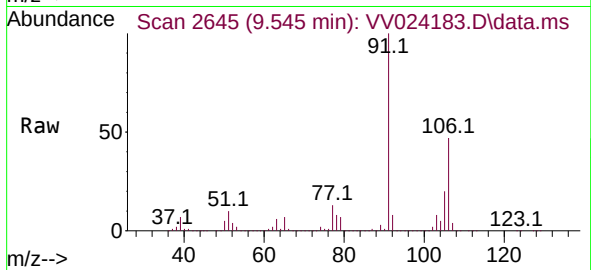
#54
o-xylene
Concen: 38.056 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Instrument :
MSVOA_V
ClientSampleId :
GBCC9MSD

Tgt Ion:106 Resp: 154629
Ion Ratio Lower Upper
106 100
91 213.6 147.9 274.7

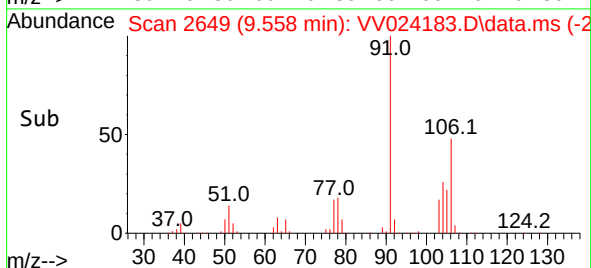
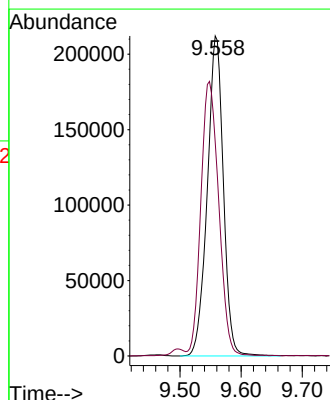
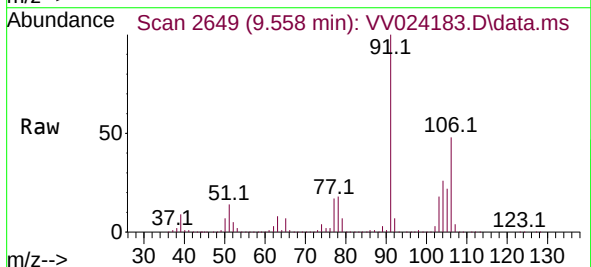
Manual Integrations
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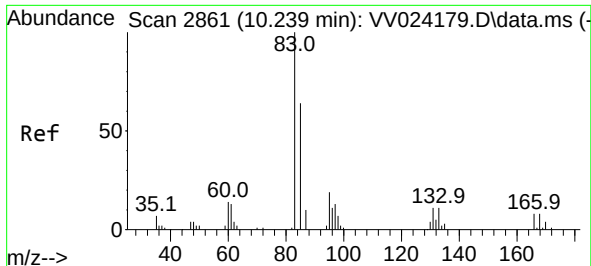
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#55
Styrene
Concen: 5.663 ug/L
RT: 9.558 min Scan# 2649
Delta R.T. -0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Tgt Ion:104 Resp: 387666
Ion Ratio Lower Upper
104 100
78 66.7 31.0 57.6#





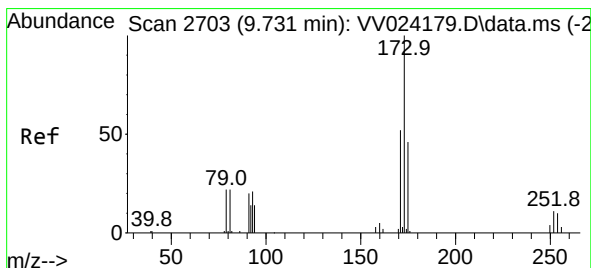
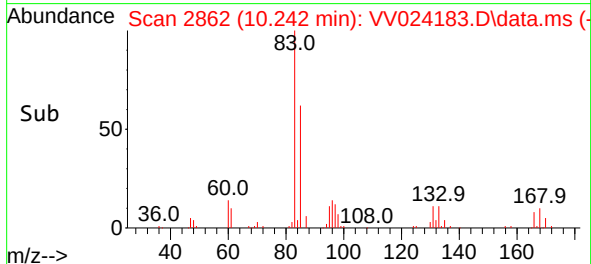
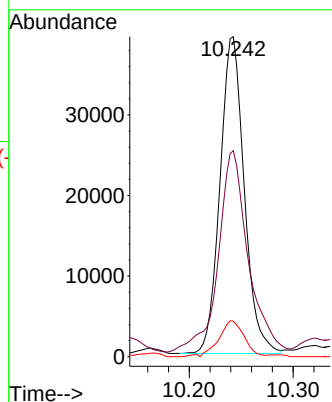
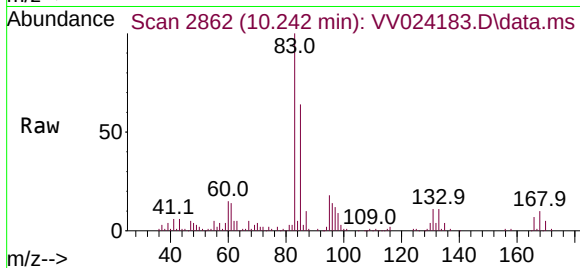
#57
1,1,2,2-Tetrachloroethane
Concen: 4.263 ug/L
RT: 10.242 min Scan# 2862
Delta R.T. 0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Instrument : MSVOA_V
ClientSampleId : GBCC9MSD

Tgt Ion: 83 Resp: 63670
Ion Ratio Lower Upper
83 100
85 64.4 44.6 82.8
131 11.1 8.3 12.5

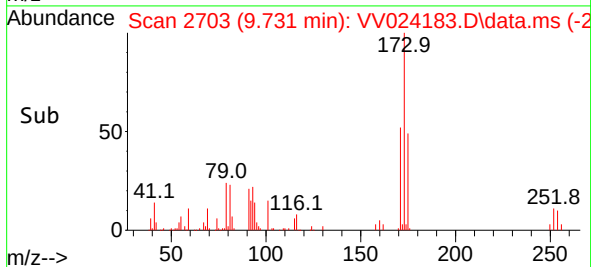
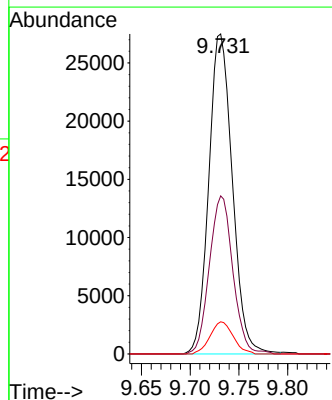
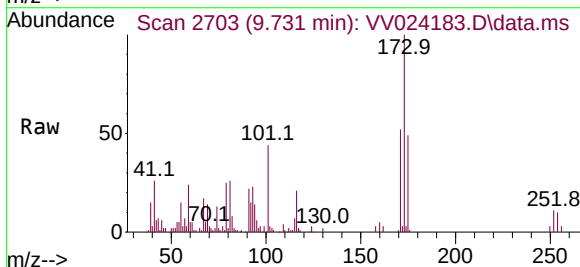
Manual Integrations
APPROVED

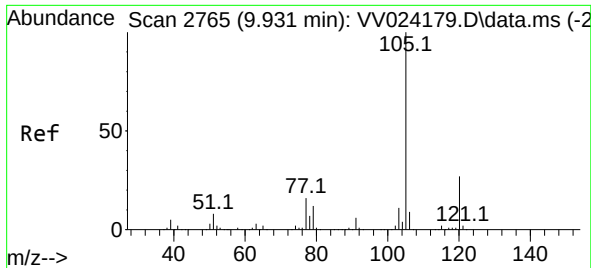
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022



#59
Bromoform
Concen: 4.110 ug/L
RT: 9.731 min Scan# 2703
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

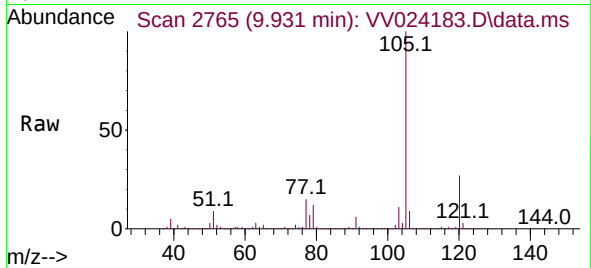
Tgt Ion:173 Resp: 46232
Ion Ratio Lower Upper
173 100
175 49.1 39.4 59.2
254 9.9 7.4 11.0





#60
Isopropylbenzene
Concen: 8.955 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

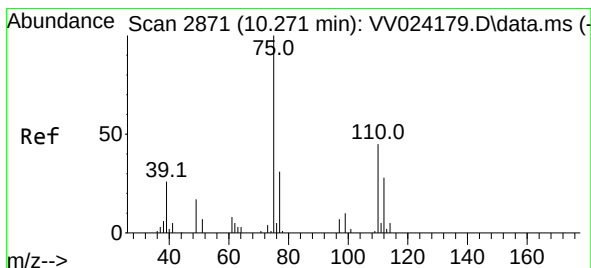
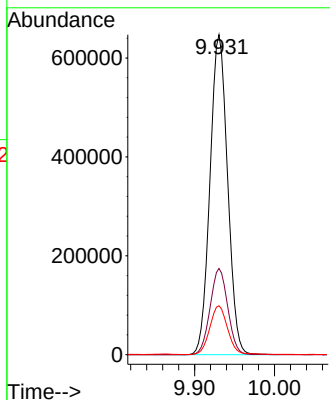
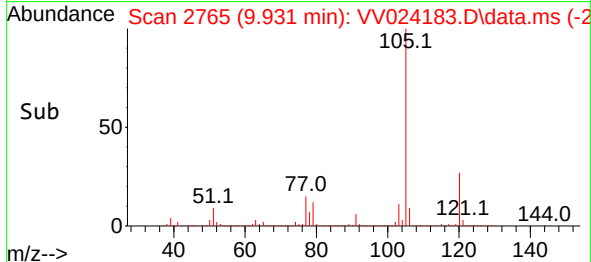
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MSD



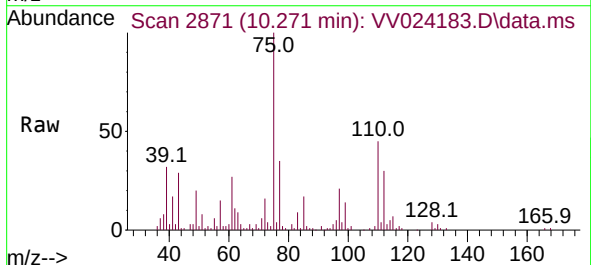
Tgt Ion:105 Resp: 988139
Ion Ratio Lower Upper
105 100
120 27.0 21.4 32.0
77 15.5 12.2 18.4

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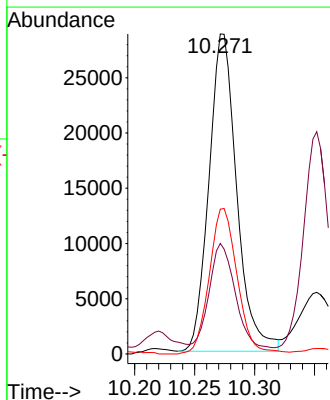
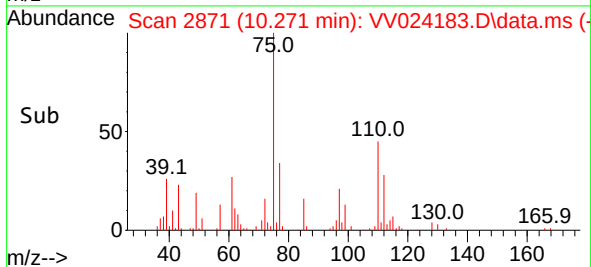
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

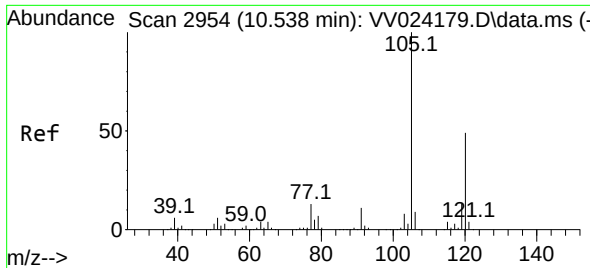


#61
1,2,3-Trichloropropane
Concen: 3.756 ug/L
RT: 10.271 min Scan# 2871
Delta R.T. -0.003 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40



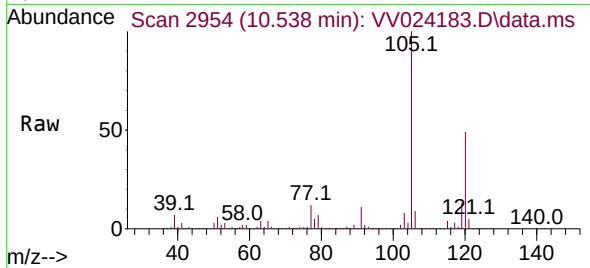
Tgt Ion: 75 Resp: 46381
Ion Ratio Lower Upper
75 100
77 0.0 26.4 39.6#
110 46.1 34.2 51.2





#62
 1,3,5-Trimethylbenzene
 Concen: 6.323 ug/L
 RT: 10.538 min Scan# 2954
 Delta R.T. -0.000 min
 Lab File: VV024183.D
 Acq: 27 Dec 2021 16:40

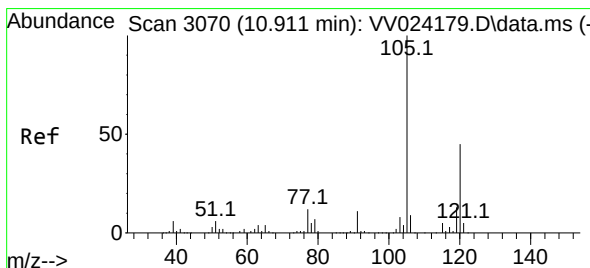
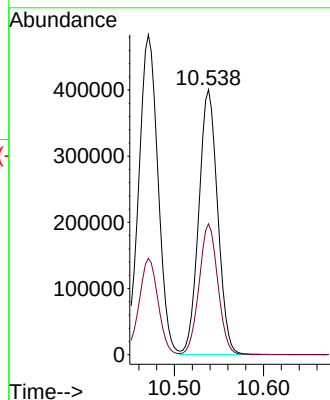
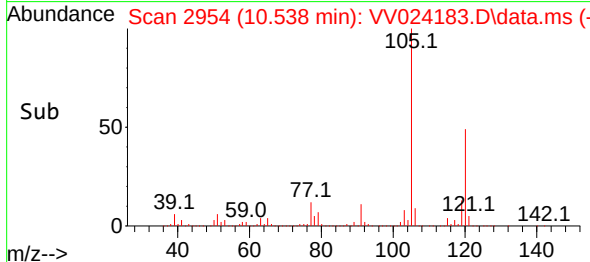
Instrument :
 MSVOA_V
 ClientSampleId :
 GBCC9MSD



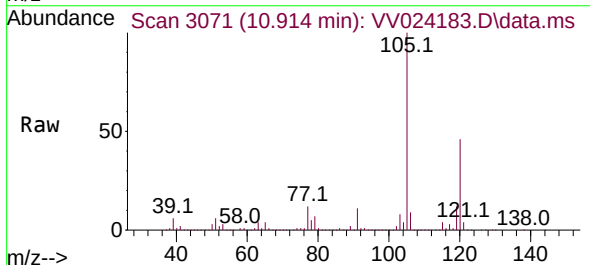
Tgt Ion:105 Resp: 58826
 Ion Ratio Lower Upper
 105 100
 120 49.1 40.1 60.1

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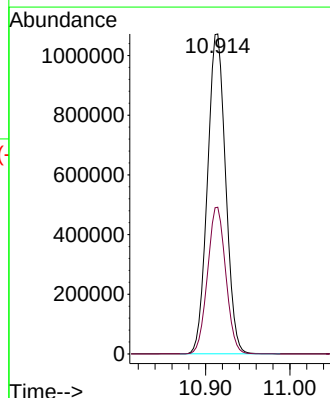
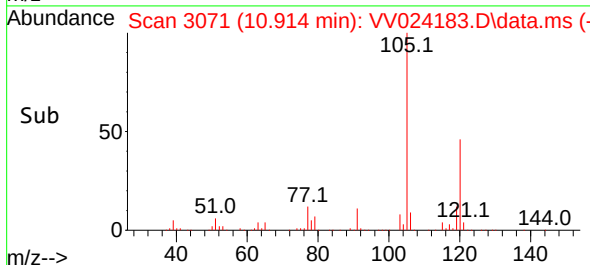
Reviewed By :Amit Patel 12/29/2021
 Supervised By :Semsettin Yesilyurt 01/02/2022

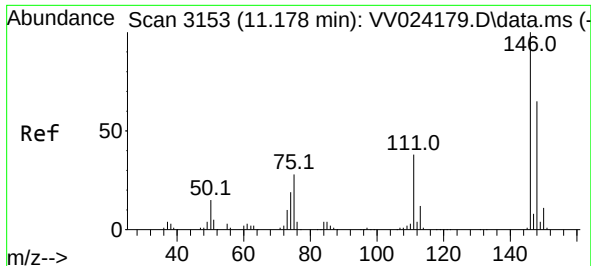


#63
 1,2,4-Trimethylbenzene
 Concen: 16.964 ug/L
 RT: 10.914 min Scan# 3071
 Delta R.T. -0.000 min
 Lab File: VV024183.D
 Acq: 27 Dec 2021 16:40



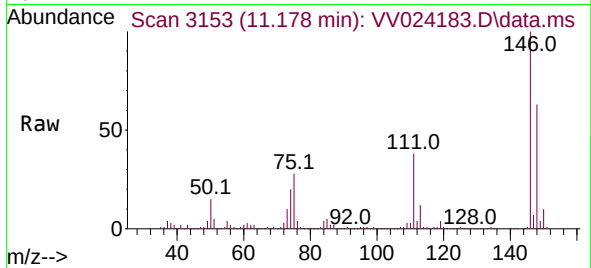
Tgt Ion:105 Resp: 1608665
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.7 55.1





#64
1,3-Dichlorobenzene
Concen: 4.821 ug/L
RT: 11.178 min Scan# 3153
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

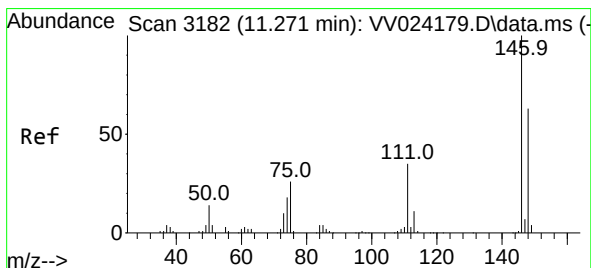
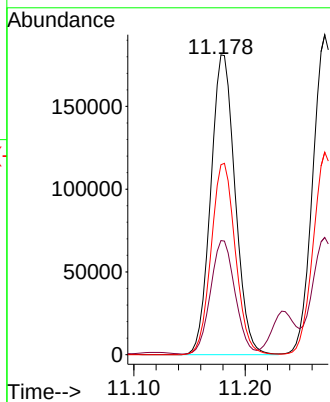
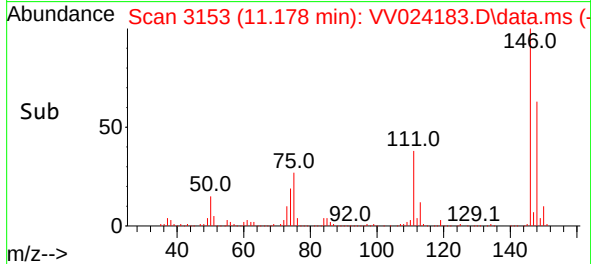
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MSD



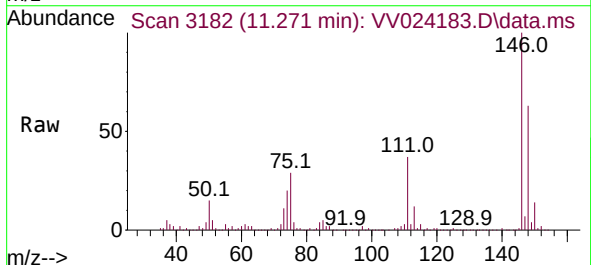
Tgt Ion:146 Resp: 275649
Ion Ratio Lower Upper
146 100
111 38.1 26.3 48.9
148 63.3 44.4 82.5

Manual Integrations
APPROVED

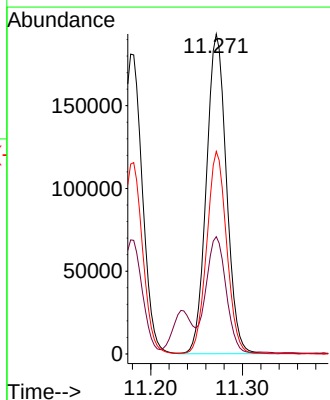
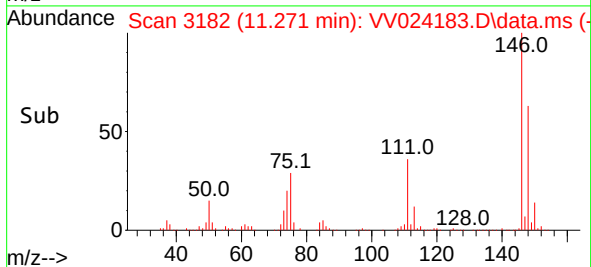
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

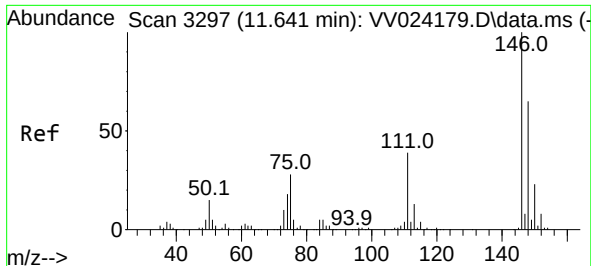


#65
1,4-Dichlorobenzene
Concen: 5.181 ug/L
RT: 11.271 min Scan# 3182
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40



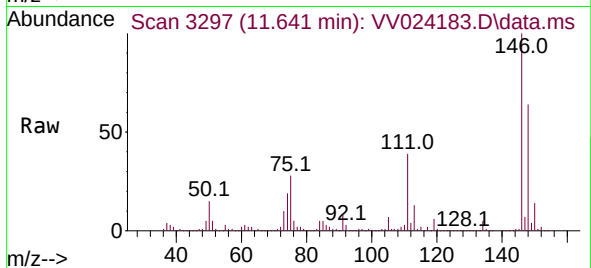
Tgt Ion:146 Resp: 293545
Ion Ratio Lower Upper
146 100
111 36.7 25.6 47.6
148 63.3 44.8 83.2





#67
1,2-Dichlorobenzene
Concen: 10.608 ug/L
RT: 11.641 min Scan# 3297
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

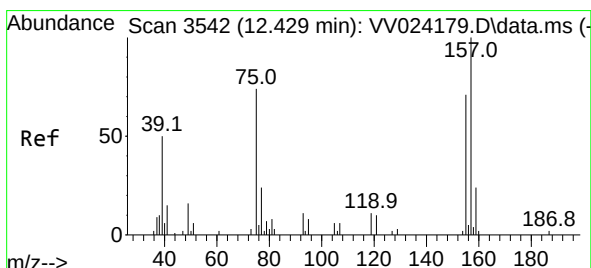
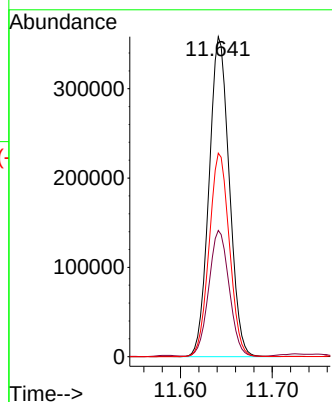
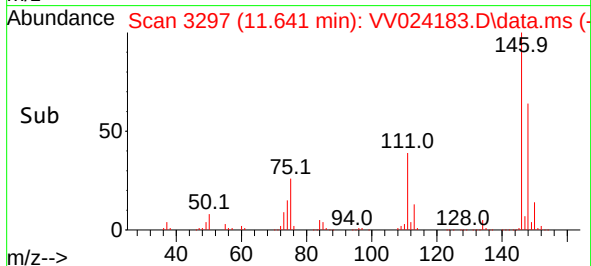
Instrument :
MSVOA_V
ClientSampleId :
GBCC9MSD



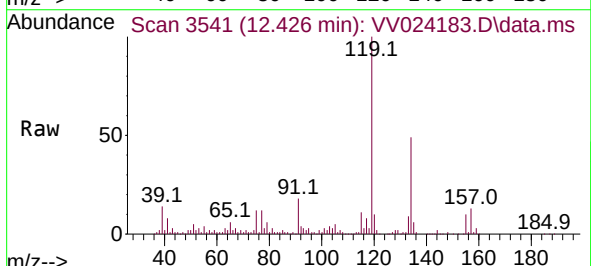
Tgt Ion:146 Resp: 54899
Ion Ratio Lower Upper
146 100
111 39.4 31.9 47.9
148 63.6 50.5 75.7

Manual Integrations
APPROVED

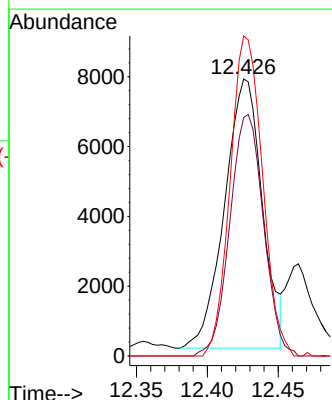
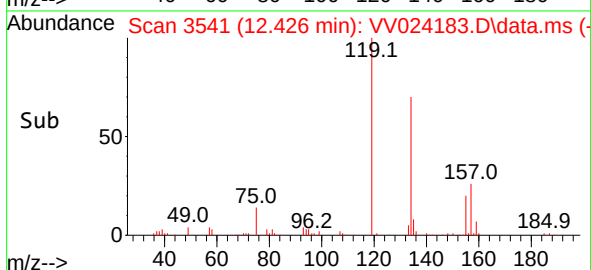
Reviewed By :Amit Patel 12/29/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

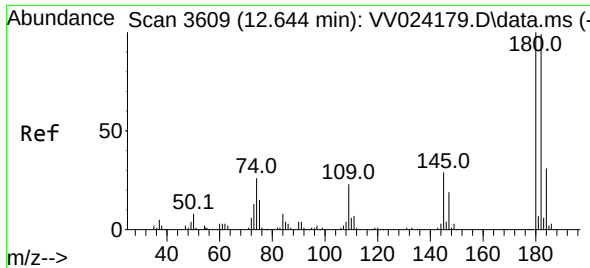


#68
1,2-Dibromo-3-chloropropane
Concen: 5.348 ug/L
RT: 12.426 min Scan# 3541
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40



Tgt Ion: 75 Resp: 14244
Ion Ratio Lower Upper
75 100
155 86.1 71.7 107.5
157 115.5 103.3 154.9





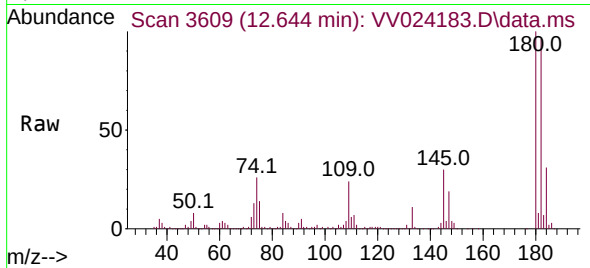
#69
1,3,5-Trichlorobenzene
Concen: 4.731 ug/L
RT: 12.644 min Scan# 3609
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MSD



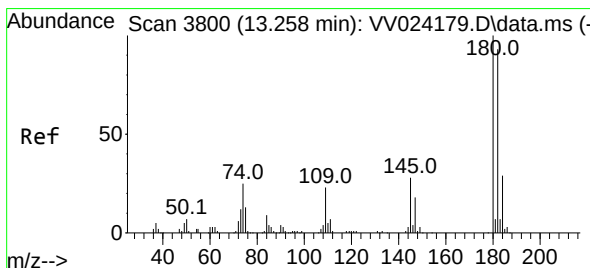
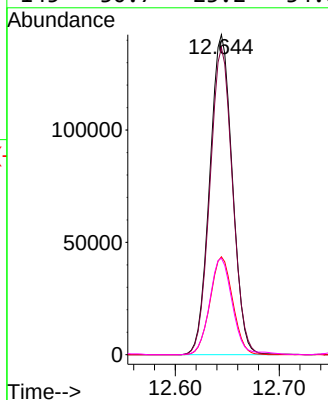
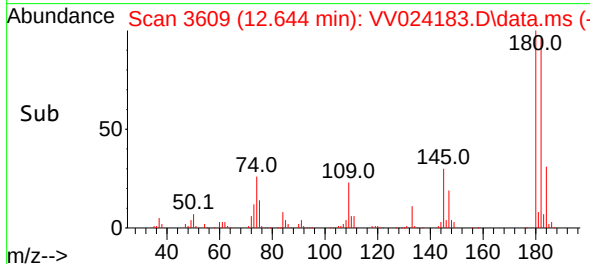
Tgt Ion:180 Resp: 215399
Ion Ratio Lower Upper
180 100
182 95.9 76.4 114.6
184 30.6 24.2 36.4
145 30.7 23.2 34.8

Manual Integrations

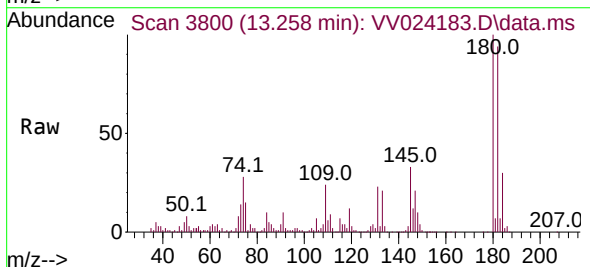
APPROVED

Reviewed By :Amit Patel 12/29/2021

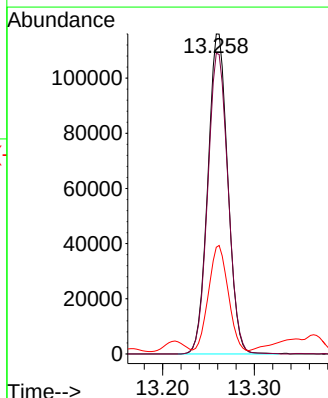
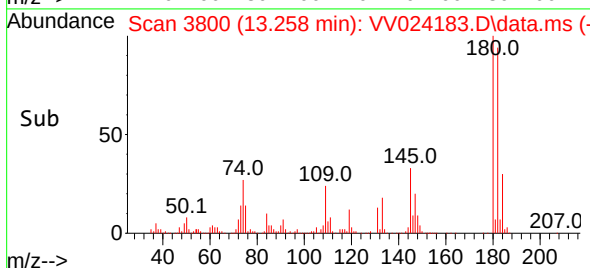
Supervised By :Semsettin Yesilyurt 01/02/2022

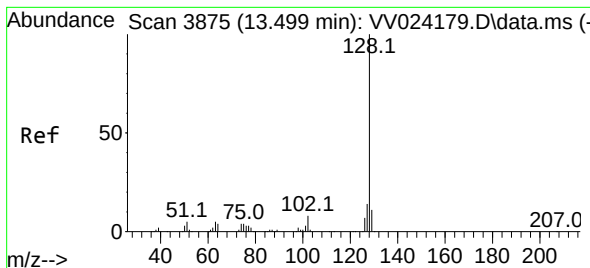


#70
1,2,4-trichlorobenzene
Concen: 4.992 ug/L
RT: 13.258 min Scan# 3800
Delta R.T. -0.000 min
Lab File: VV024183.D
Acq: 27 Dec 2021 16:40



Tgt Ion:180 Resp: 175013
Ion Ratio Lower Upper
180 100
182 95.9 74.4 111.6
145 32.0 23.3 34.9





#71

Naphthalene

Concen: 24.792 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. -0.003 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Instrument :

MSVOA_V

ClientSampleId :

GBCC9MSD

Tgt Ion:128 Resp: 1290520

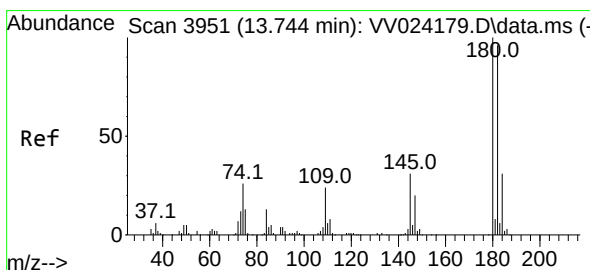
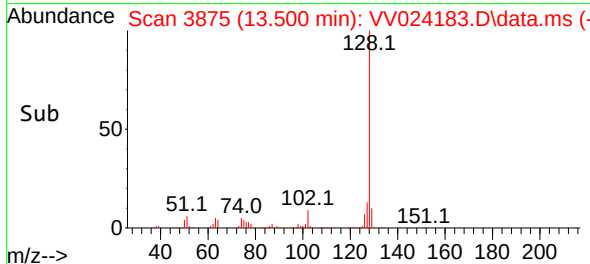
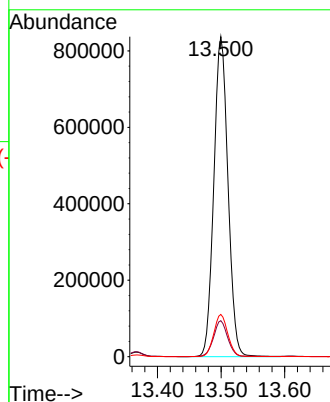
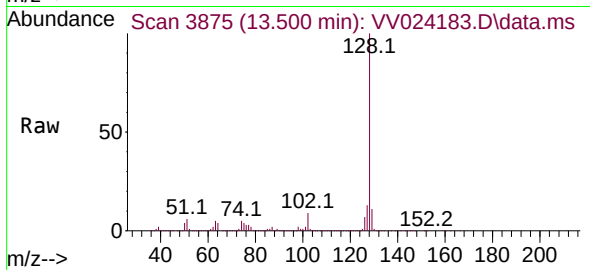
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.2	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Amit Patel 12/29/2021

Supervised By :Semsettin Yesilyurt 01/02/2022



#72

1,2,3-Trichlorobenzene

Concen: 4.727 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. -0.000 min

Lab File: VV024183.D

Acq: 27 Dec 2021 16:40

Tgt Ion:180 Resp: 145754

Ion	Ratio	Lower	Upper
180	100		
182	94.5	76.8	115.2
145	45.8	25.8	38.6

