

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD063023\
 Data File : VD076678.D
 Acq On : 30 Jun 2023 22:19
 Operator : KP/SY
 Sample : 03444-08MS
 Misc : 4.60G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q1MS

Quant Time: Jul 03 01:33:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM061523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 16 01:50:34 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023
 Supervised By :Mahesh Dadoda 07/07/2023

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	221244	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	151066	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	45513	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	101338	18.808	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.240%
7) Chloroethane-d5	2.793	69	90642	20.806	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.240%
11) 1,1-Dichloroethene-d2	3.905	65	30816	21.911	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	87.640%
21) 2-Butanone-d5	6.981	46	31730	38.885	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.780%
24) Chloroform-d	7.569	84	139441	23.922	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.680%
26) 1,2-Dichloroethane-d4	8.228	65	70820	24.628	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.520%
32) Benzene-d6	8.198	84	258243	27.945	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.800%
36) 1,2-Dichloropropane-d6	9.210	67	80613	27.329	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	109.320%
41) Toluene-d8	10.269	98	212786	24.868	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.480%
43) trans-1,3-Dichloroprop...	10.528	79	30438	24.809	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	99.240%
47) 2-Hexanone-d5	10.881	63	22646	49.458	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	98.920%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	49449	23.563	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	94.240%
66) 1,2-Dichlorobenzene-d4	13.816	152	37713	22.606	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	107938	31.309	ug/L	99
3) Chloromethane	2.140	50	140920	24.588	ug/L	99
5) Vinyl chloride	2.281	62	151941	24.575	ug/L	94
6) Bromomethane	2.687	94	79573	23.237	ug/L	98
8) Chloroethane	2.834	64	93968	24.812	ug/L	97
9) Trichlorofluoromethane	3.169	101	142101	31.788	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.957	101	65875	22.718	ug/L #	86
12) 1,1-Dichloroethene	3.928	96	76851	26.765	ug/L	94
13) Acetone	4.022	43	48455	73.521	ug/L	71
14) Carbon disulfide	4.263	76	224064	21.527	ug/L	98
15) Methyl Acetate	4.563	43	28529	18.962	ug/L	94
16) Methylene chloride	4.787	84	88115	22.914	ug/L	79
17) trans-1,2-Dichloroethene	5.310	96	81260	25.384	ug/L	94
18) Methyl tert-butyl Ether	5.310	73	180930	24.826	ug/L #	89
19) 1,1-Dichloroethane	6.110	63	151471	25.881	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	88594	24.781	ug/L	99
22) 2-Butanone	7.087	43	47147	44.328	ug/L	95
23) Bromochloromethane	7.422	128	38283	25.230	ug/L	86
25) Chloroform	7.593	83	155312	27.191	ug/L	99

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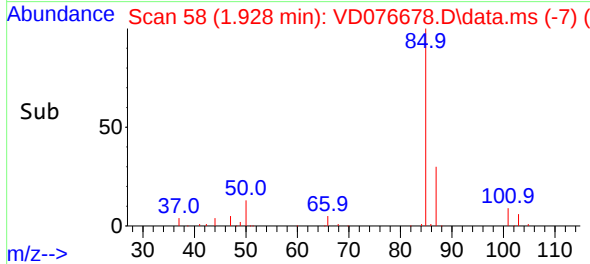
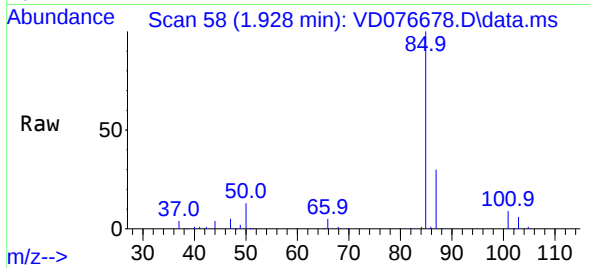
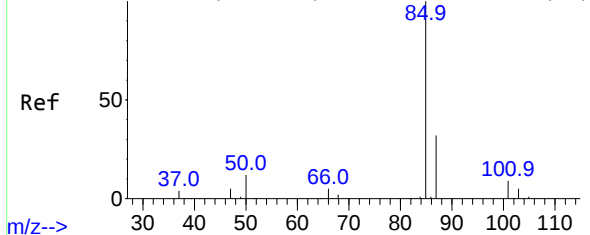
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023
 Supervised By :Mahesh Dadoda 07/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	93193	26.531	ug/L	95
29) Cyclohexane	7.875	56	62571	15.576	ug/L	89
30) 1,1,1-Trichloroethane	7.787	97	130504	37.187	ug/L	96
31) Carbon tetrachloride	7.987	117	94048	33.509	ug/L	98
33) Benzene	8.245	78	313818	31.388	ug/L	100
34) Trichloroethene	9.022	95	76076	29.621	ug/L	94
35) Methylcyclohexane	9.269	83	42449	10.249	ug/L	95
37) 1,2-Dichloropropane	9.304	63	80464	29.519	ug/L	99
38) Bromodichloromethane	9.581	83	102697	33.032	ug/L	100
39) cis-1,3-Dichloropropene	10.016	75	116530	27.997	ug/L	95
40) 4-Methyl-2-pentanone	10.157	43	85495	50.418	ug/L	97
42) Toluene	10.334	91	295507	27.658	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	90451	26.735	ug/L	98
45) 1,1,2-Trichloroethane	10.728	97	54643	29.226	ug/L	99
46) Tetrachloroethene	10.810	164	39523	19.574	ug/L	97
48) 2-Hexanone	10.922	43	62583	53.888	ug/L #	94
49) Dibromochloromethane	11.075	129	62726	29.521	ug/L	99
50) 1,2-Dibromoethane	11.181	107	51737	28.510	ug/L	95
51) Chlorobenzene	11.604	112	161688	24.239	ug/L	97
52) Ethylbenzene	11.681	91	252246	21.904	ug/L	99
53) m,p-Xylene	11.792	106	91188	20.149	ug/L	96
54) o-Xylene	12.116	106	89922	20.868	ug/L	92
55) Styrene	12.134	104	146411	19.666	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.669	83	49729	23.273	ug/L	92
59) Bromoform	12.298	173	32595	40.006	ug/L #	97
60) Isopropylbenzene	12.422	105	179061	25.722	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	37849	42.850	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	118007	21.187	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	124205	22.599	ug/L	96
64) 1,3-Dichlorobenzene	13.457	146	68074	21.981	ug/L #	93
65) 1,4-Dichlorobenzene	13.533	146	71923	23.039	ug/L	90
67) 1,2-Dichlorobenzene	13.828	146	63514	23.021	ug/L #	88
68) 1,2-Dibromo-3-chloropr...	14.445	75	6781	34.448	ug/L	94
69) 1,3,5-Trichlorobenzene	14.592	180	22295	10.793	ug/L	97
70) 1,2,4-trichlorobenzene	15.098	180	19796	10.770	ug/L #	57
71) Naphthalene	15.333	128	65232	18.537	ug/L #	95
72) 1,2,3-Trichlorobenzene	15.527	180	26538m	16.626	ug/L	

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

Abundance Scan 58 (1.928 min): VD076663.D\data.ms (-53)



#2
Dichlorodifluoromethane
Concen: 31.309 ug/L
RT: 1.928 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

Tgt Ion: 85 Resp: 107938
Ion Ratio Lower Upper
85 100
87 32.6 26.3 39.5

Instrument :

MSVOA_D

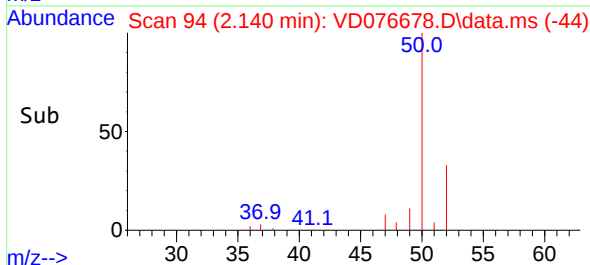
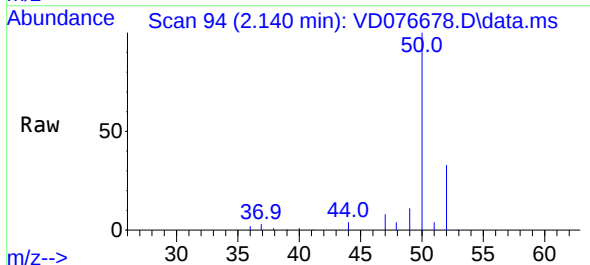
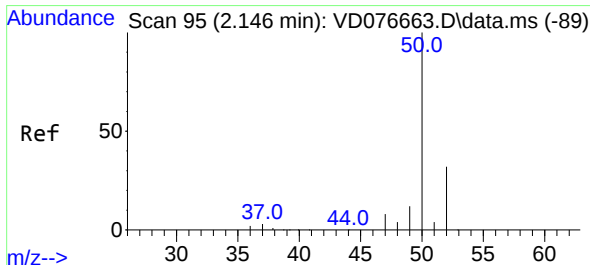
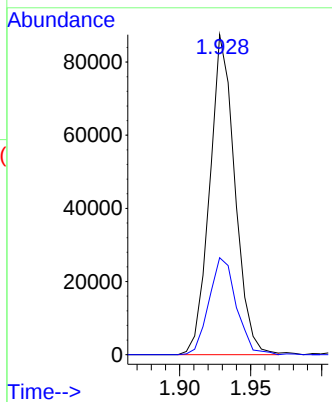
ClientSampleId :

A46Q1MS

Manual Integrations

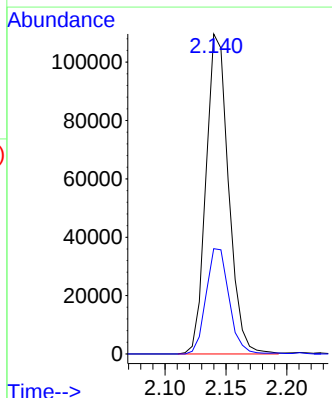
APPROVED

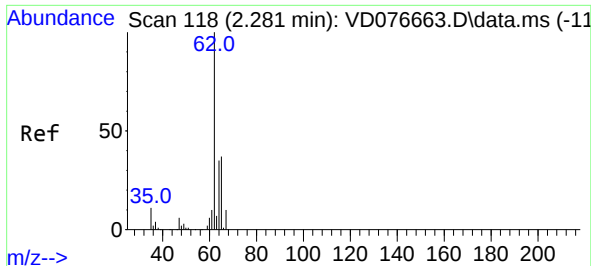
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#3
Chloromethane
Concen: 24.588 ug/L
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

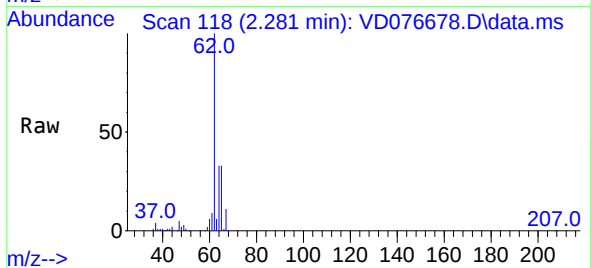
Tgt Ion: 50 Resp: 140920
Ion Ratio Lower Upper
50 100
52 32.9 23.2 43.2





#5
Vinyl chloride
Concen: 24.575 ug/L
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

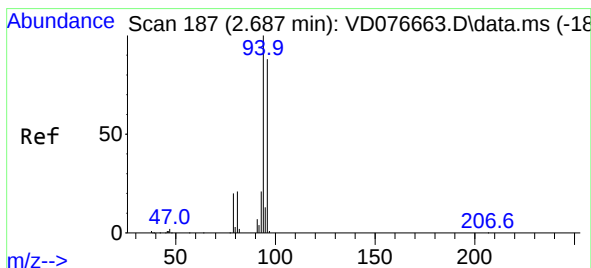
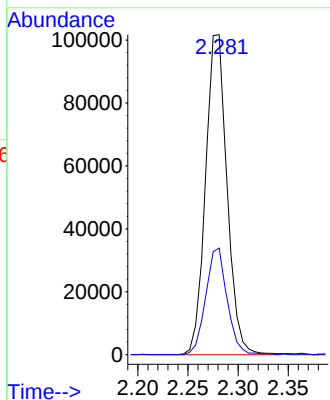
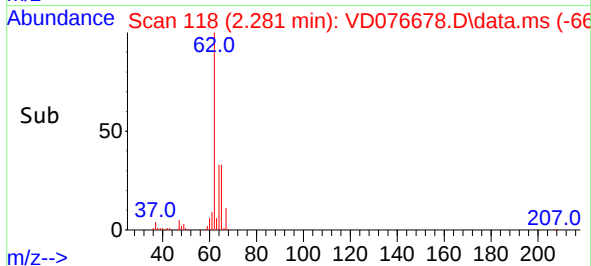
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



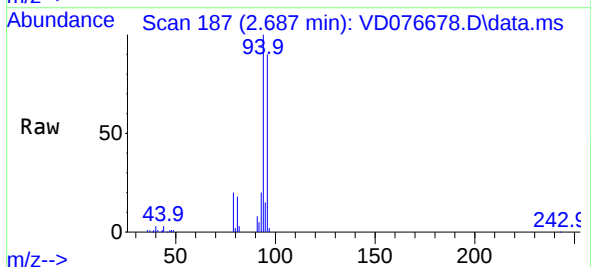
Tgt Ion: 62 Resp: 15194
Ion Ratio Lower Upper
62 100
64 33.3 21.1 39.1

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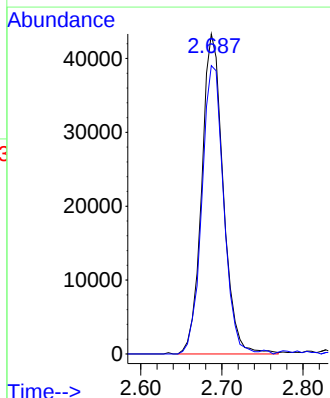
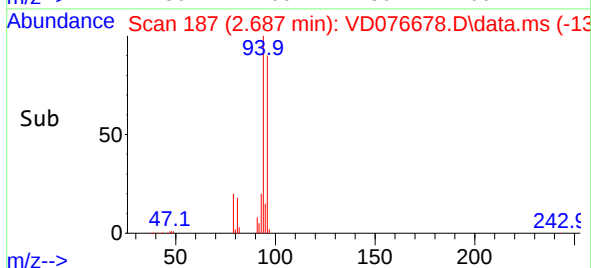
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

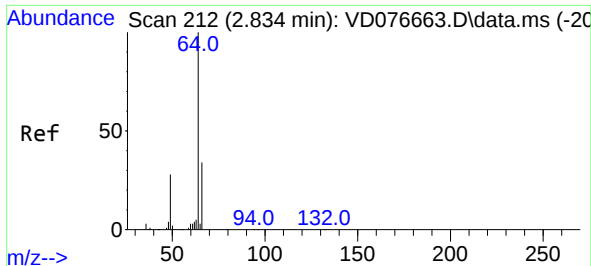


#6
Bromomethane
Concen: 23.237 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



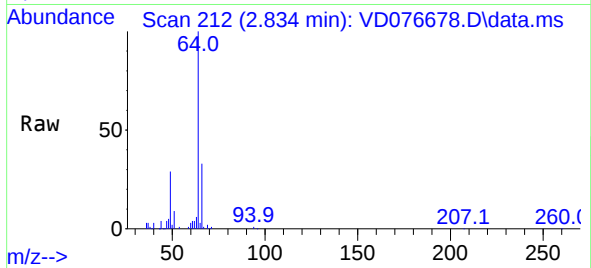
Tgt Ion: 94 Resp: 79573
Ion Ratio Lower Upper
94 100
96 90.1 64.7 120.1





#8
Chloroethane
Concen: 24.812 ug/L
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

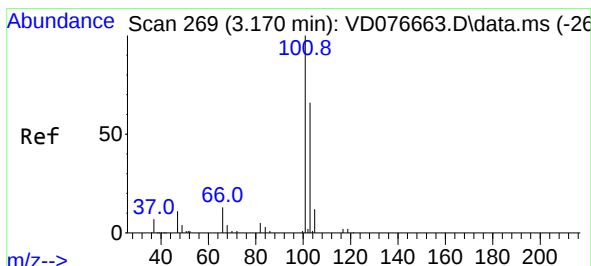
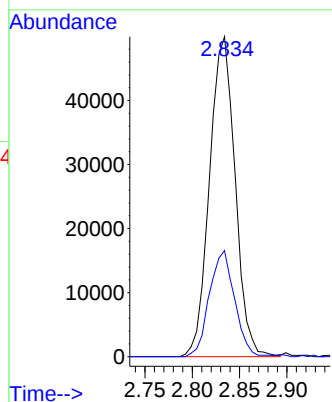
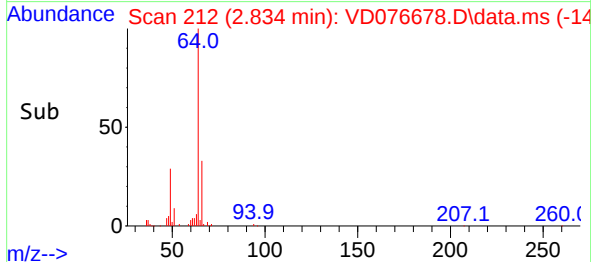
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



Tgt Ion: 64 Resp: 93968
Ion Ratio Lower Upper
64 100
66 33.2 22.1 41.1

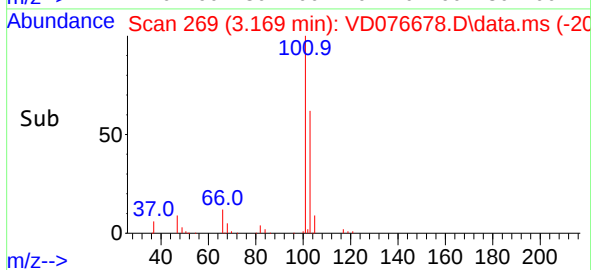
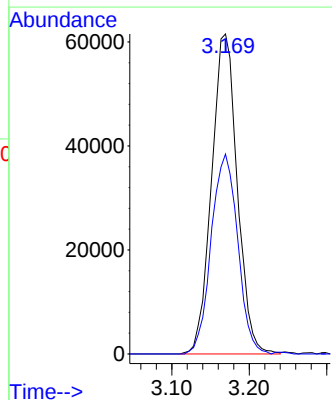
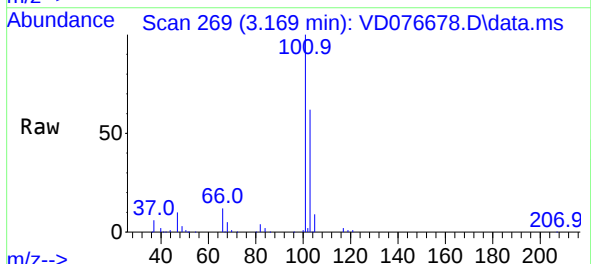
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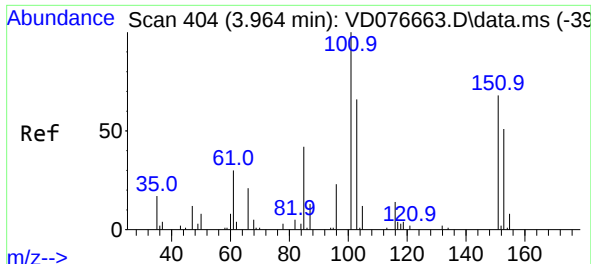
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#9
Trichlorofluoromethane
Concen: 31.788 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

Tgt Ion:101 Resp: 142101
Ion Ratio Lower Upper
101 100
103 64.4 51.8 77.6





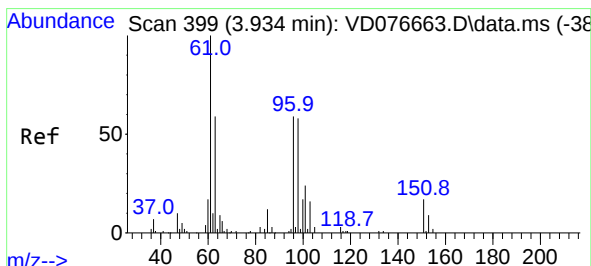
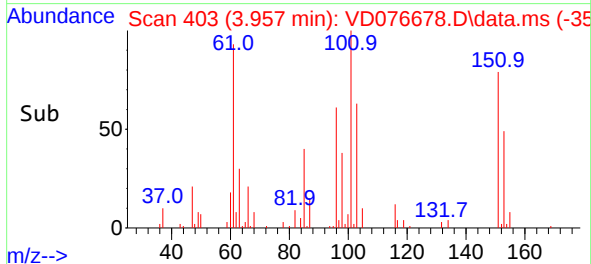
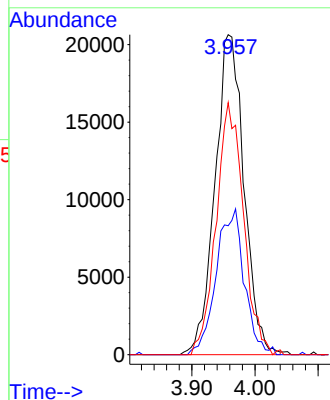
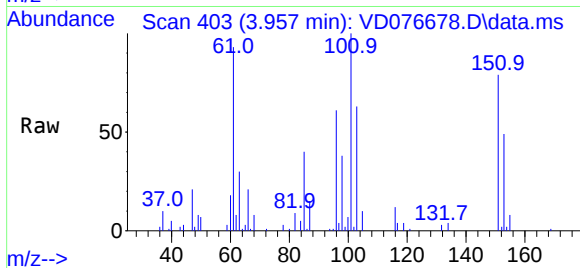
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.718 ug/L
RT: 3.957 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS

Tgt Ion:101 Resp: 6587
Ion Ratio Lower Upper
101 100
85 22.0 35.5 53.3
151 74.3 58.6 87.8

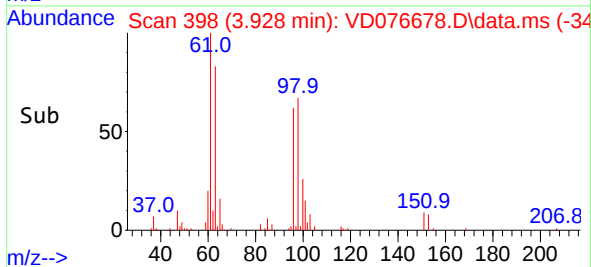
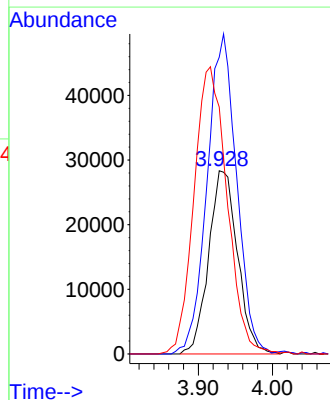
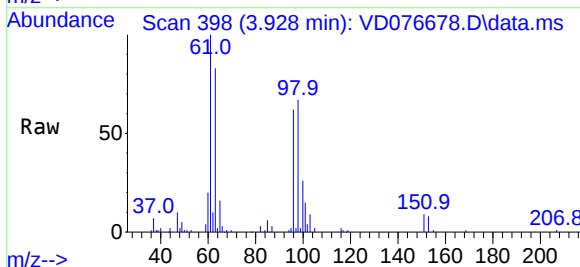
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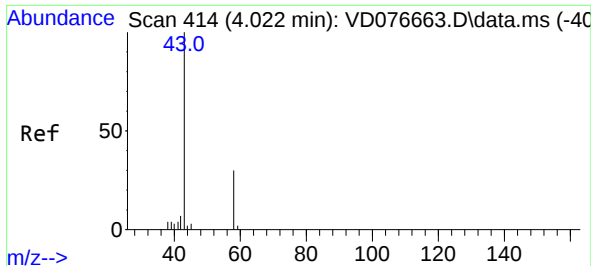
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#12
1,1-Dichloroethene
Concen: 26.765 ug/L
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

Tgt Ion: 96 Resp: 76851
Ion Ratio Lower Upper
96 100
61 161.9 113.0 209.8
63 134.7 83.6 155.2





#13

Acetone

Concen: 73.521 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD076678.D

Acq: 30 Jun 2023 22:19

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MS

Tgt Ion: 43 Resp: 4845

Ion Ratio Lower Upper

43 100

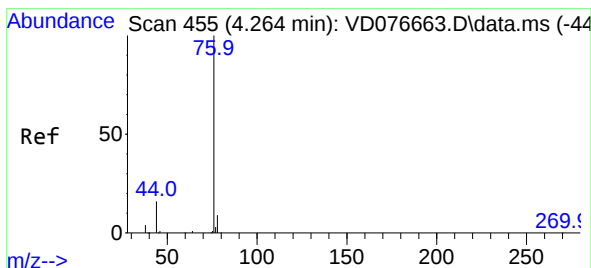
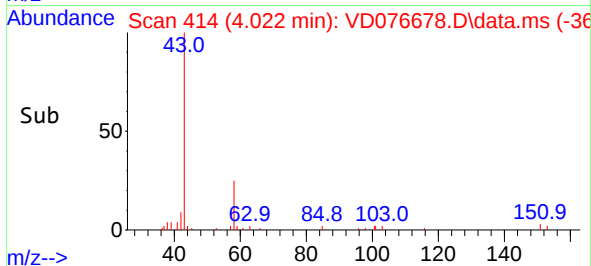
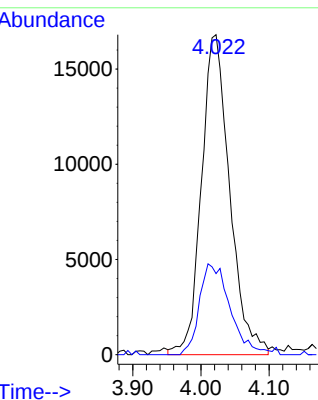
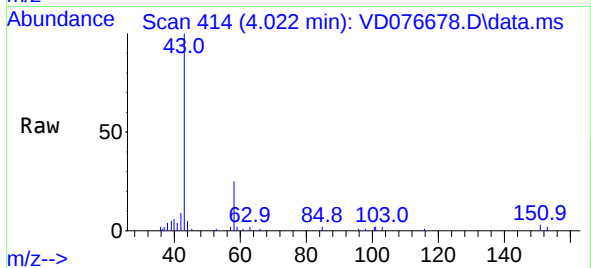
58 17.3 0.0 67.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023

Supervised By :Mahesh Dadoda 07/07/2023



#14

Carbon disulfide

Concen: 21.527 ug/L

RT: 4.263 min Scan# 455

Delta R.T. -0.000 min

Lab File: VD076678.D

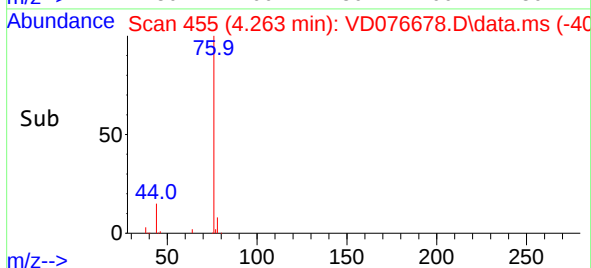
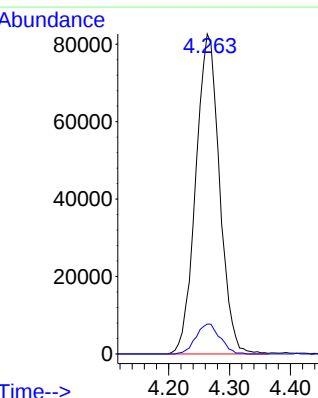
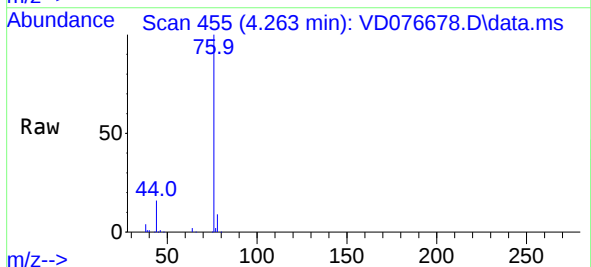
Acq: 30 Jun 2023 22:19

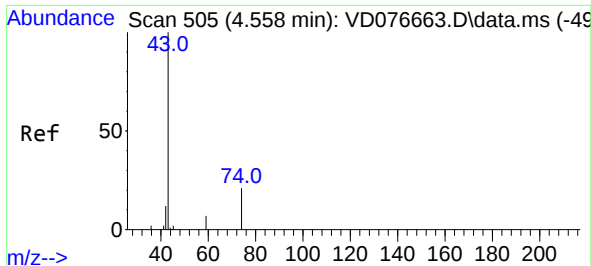
Tgt Ion: 76 Resp: 224064

Ion Ratio Lower Upper

76 100

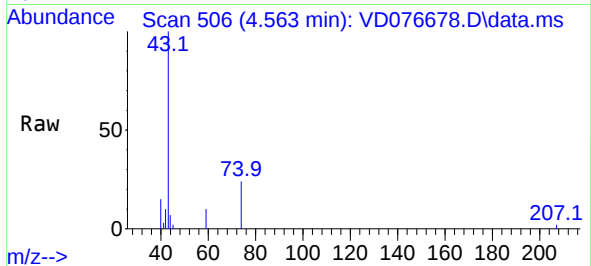
78 9.4 7.0 10.4





#15
Methyl Acetate
Concen: 18.962 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

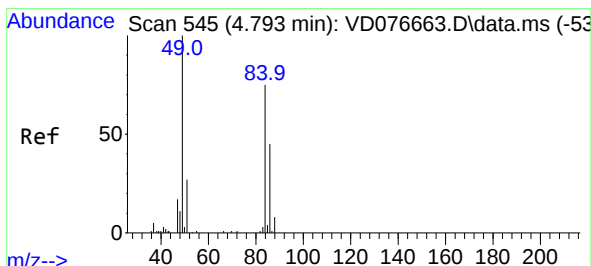
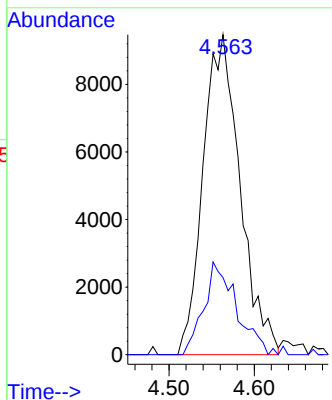
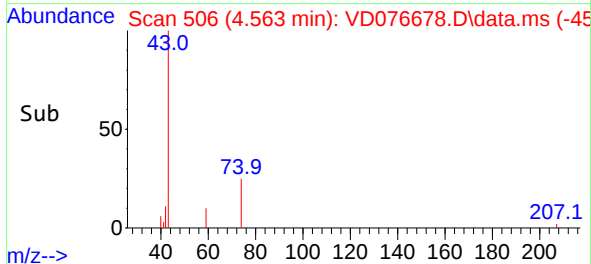
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



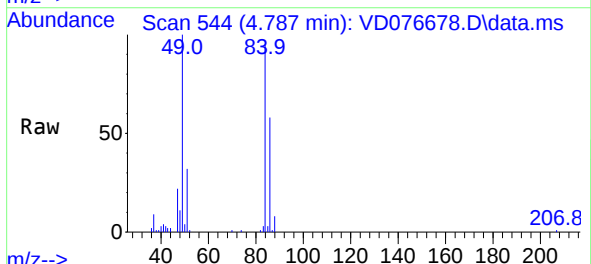
Tgt Ion: 43 Resp: 28529
Ion Ratio Lower Upper
43 100
74 25.4 18.2 27.2

Manual Integrations
APPROVED

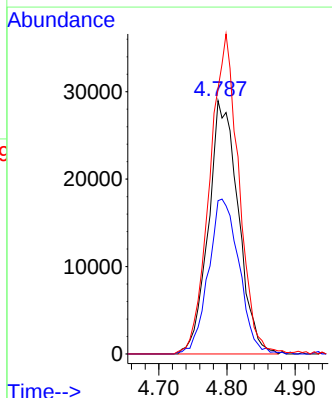
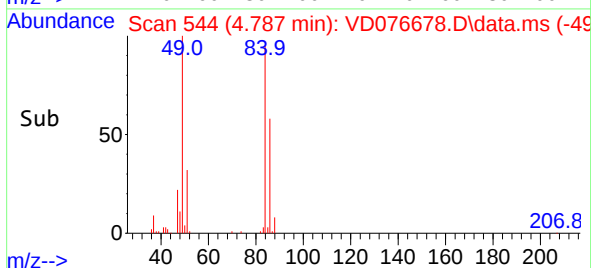
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

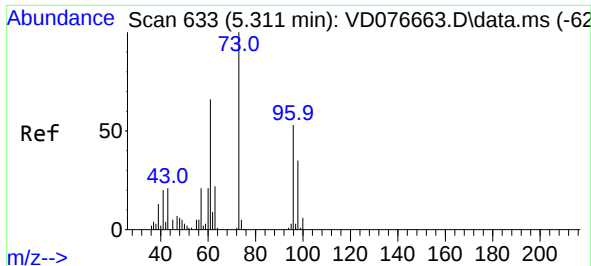


#16
Methylene chloride
Concen: 22.914 ug/L
RT: 4.787 min Scan# 544
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



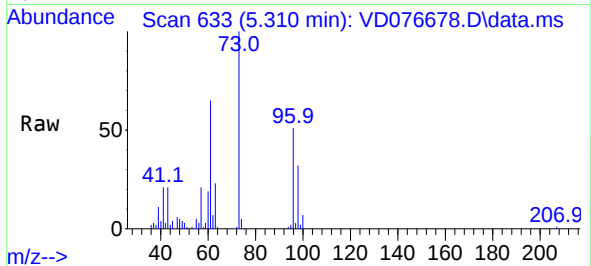
Tgt Ion: 84 Resp: 88115
Ion Ratio Lower Upper
84 100
86 60.5 45.1 83.9
49 104.8 97.2 180.6





#17
trans-1,2-Dichloroethene
Concen: 25.384 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

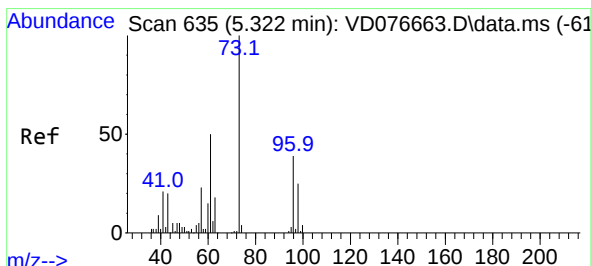
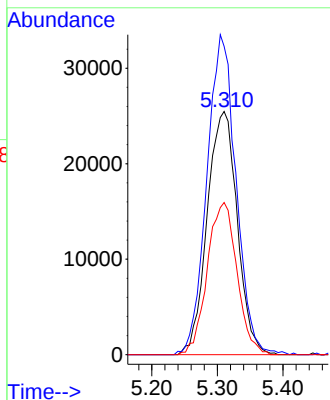
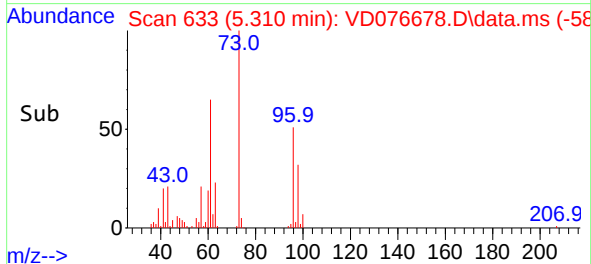
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



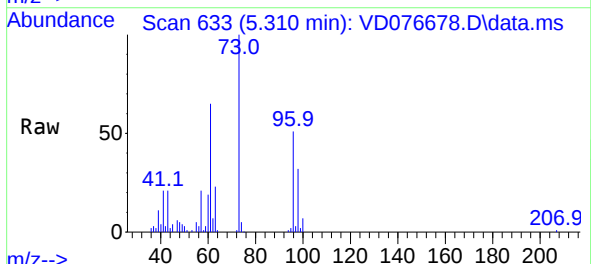
Tgt Ion: 96 Resp: 81260
Ion Ratio Lower Upper
96 100
61 126.8 94.5 175.5
98 62.6 46.0 85.4

Manual Integrations
APPROVED

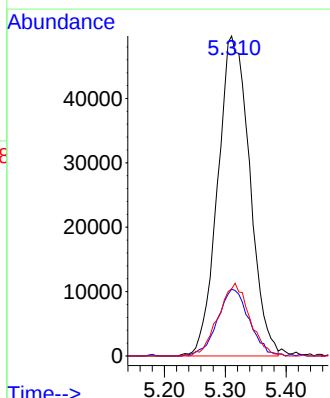
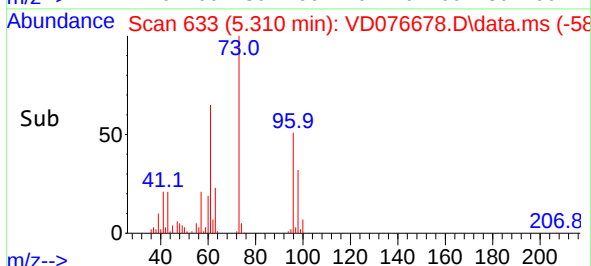
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

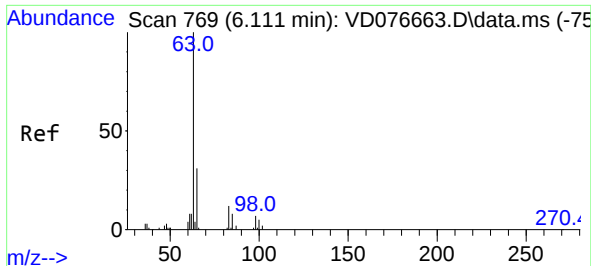


#18
Methyl tert-butyl Ether
Concen: 24.826 ug/L
RT: 5.310 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



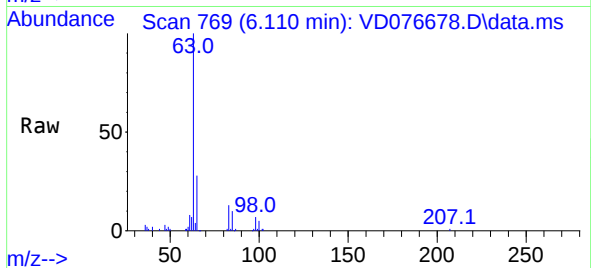
Tgt Ion: 73 Resp: 180930
Ion Ratio Lower Upper
73 100
43 20.6 7.2 10.8#
57 22.1 18.6 28.0





#19
1,1-Dichloroethane
Concen: 25.881 ug/L
RT: 6.110 min Scan# 769
Delta R.T. 0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

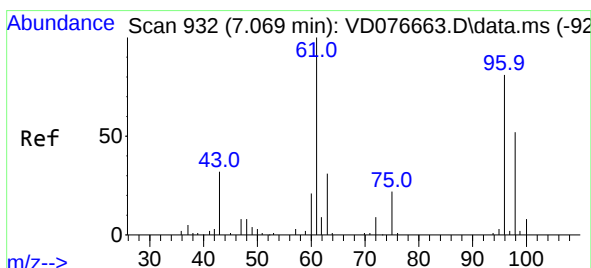
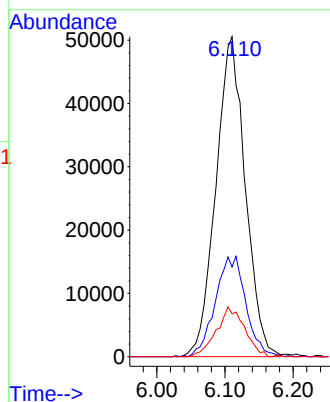
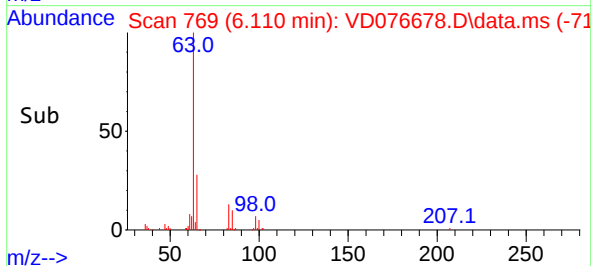
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



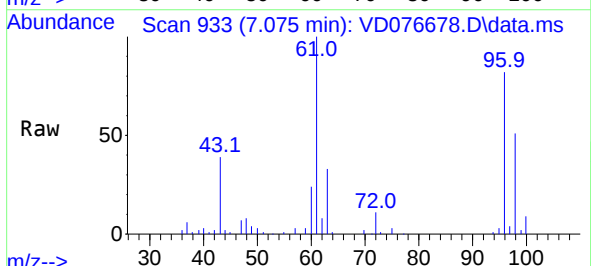
Tgt Ion: 63 Resp: 15147
Ion Ratio Lower Upper
63 100
65 28.1 20.8 38.6
83 13.4 8.9 16.5

Manual Integrations
APPROVED

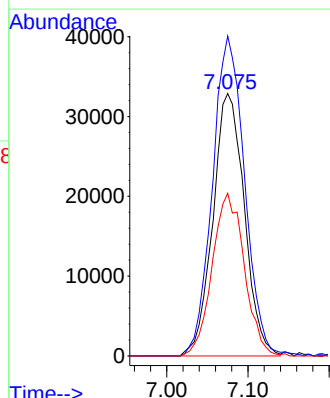
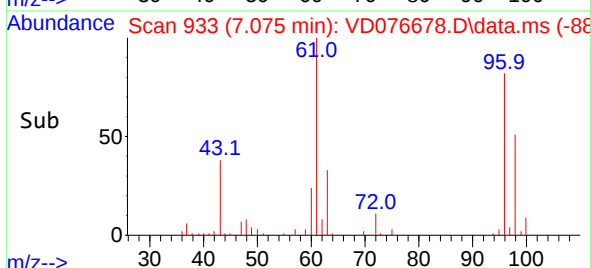
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

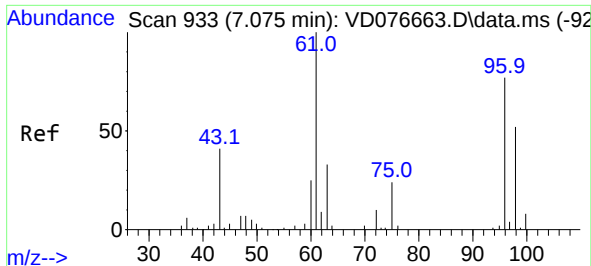


#20
cis-1,2-Dichloroethene
Concen: 24.781 ug/L
RT: 7.075 min Scan# 933
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



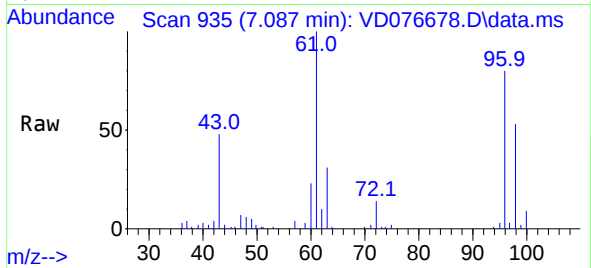
Tgt Ion: 96 Resp: 88594
Ion Ratio Lower Upper
96 100
61 121.9 86.0 159.6
98 62.0 42.2 78.4





#22
2-Butanone
Concen: 44.328 ug/L
RT: 7.087 min Scan# 911
Delta R.T. 0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

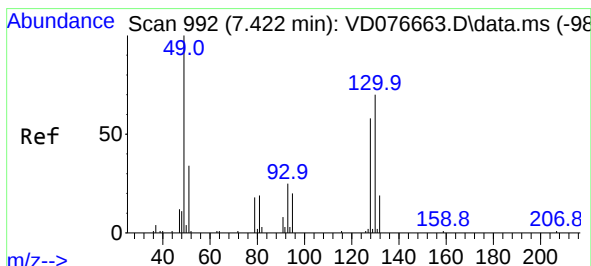
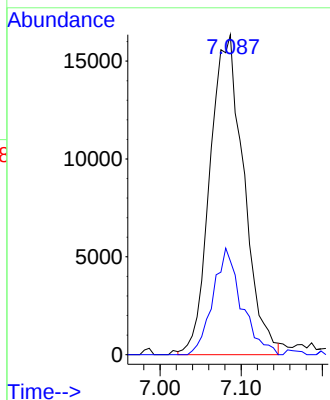
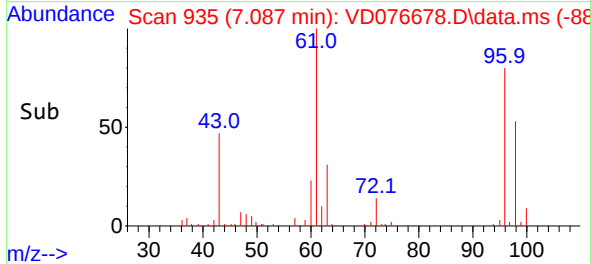
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



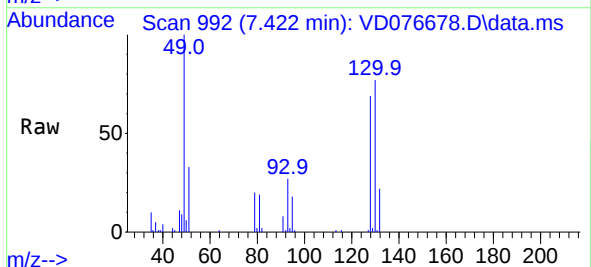
Tgt Ion: 43 Resp: 4714
Ion Ratio Lower Upper
43 100
72 28.4 12.9 38.7

Manual Integrations
APPROVED

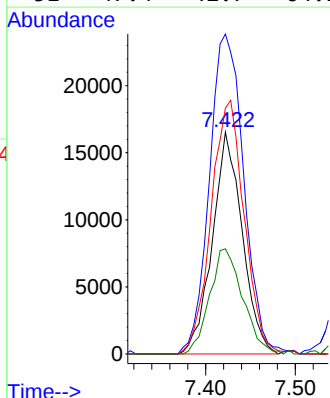
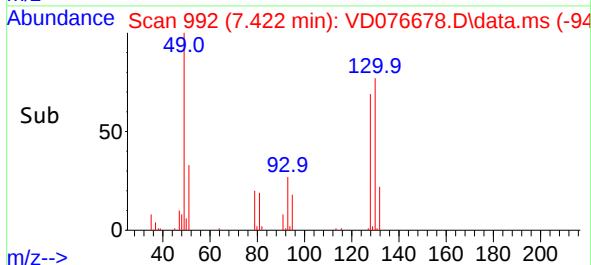
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

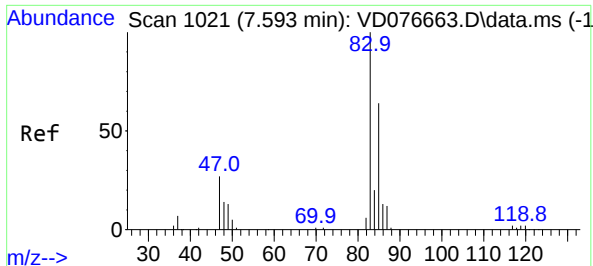


#23
Bromochloromethane
Concen: 25.230 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



Tgt Ion:128 Resp: 38283
Ion Ratio Lower Upper
128 100
49 144.2 124.7 231.7
130 112.6 80.0 148.6
51 47.4 42.7 64.1





#25

Chloroform

Concen: 27.191 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076678.D

Acq: 30 Jun 2023 22:19

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MS

Tgt Ion: 83 Resp: 15531

Ion Ratio Lower Upper

83 100

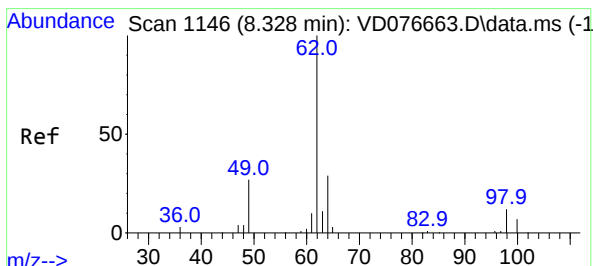
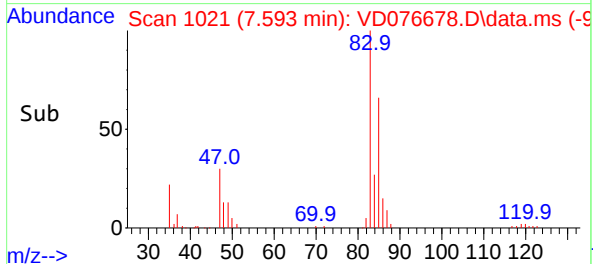
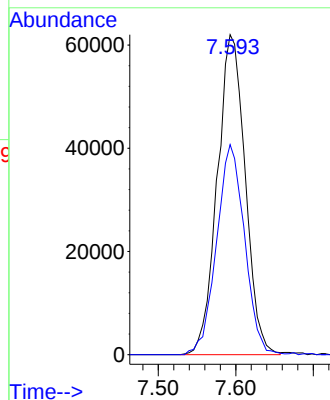
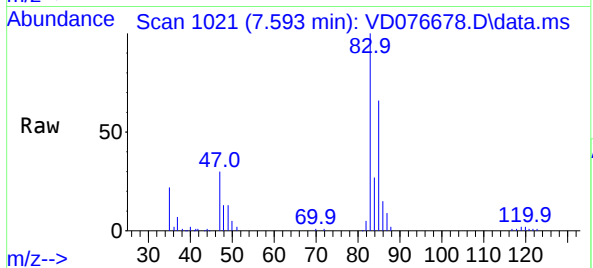
85 65.6 45.4 84.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023

Supervised By :Mahesh Dadoda 07/07/2023



#27

1,2-Dichloroethane

Concen: 26.531 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD076678.D

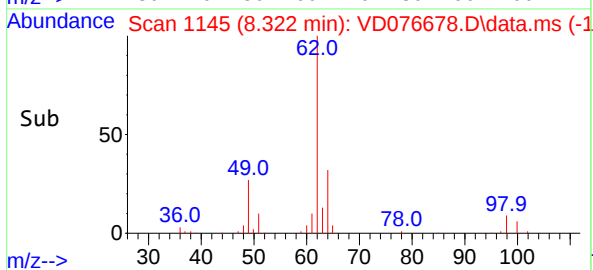
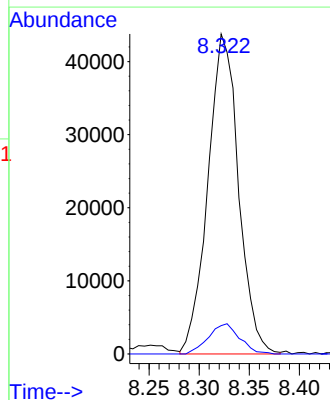
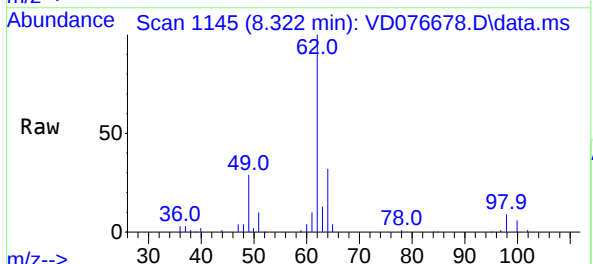
Acq: 30 Jun 2023 22:19

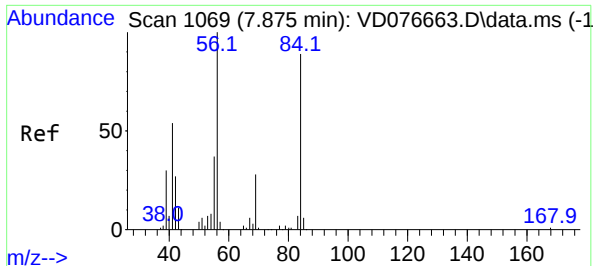
Tgt Ion: 62 Resp: 93193

Ion Ratio Lower Upper

62 100

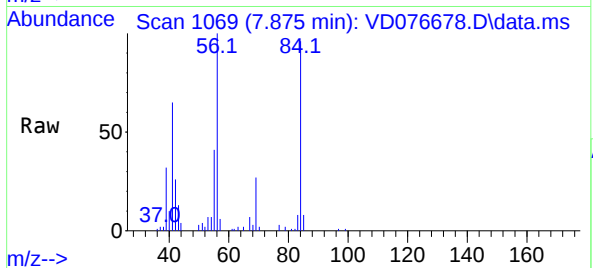
98 8.9 8.7 13.1





#29
Cyclohexane
Concen: 15.576 ug/L
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

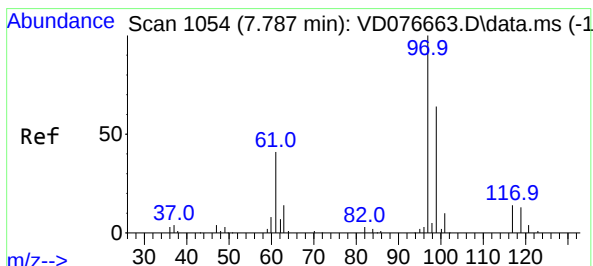
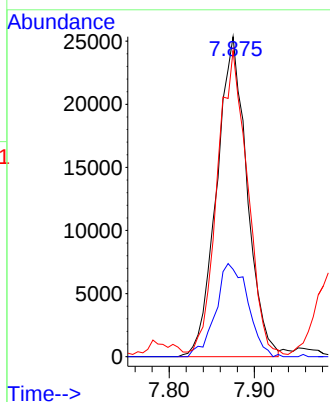
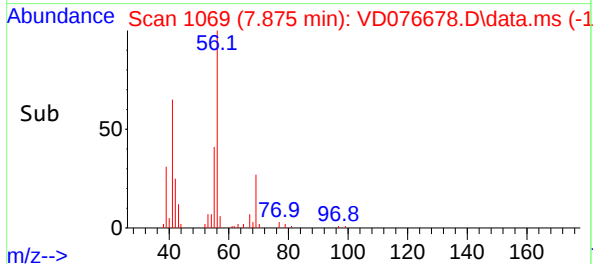
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



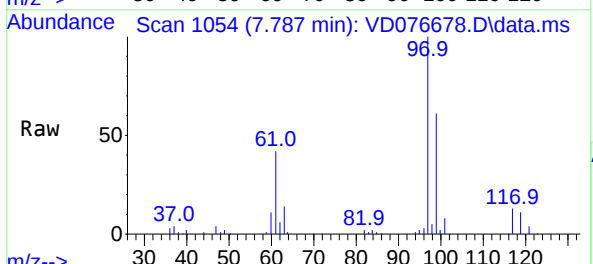
Tgt Ion: 56 Resp: 6257
Ion Ratio Lower Upper
56 100
69 29.6 23.4 35.0
84 96.3 66.3 99.5

Manual Integrations
APPROVED

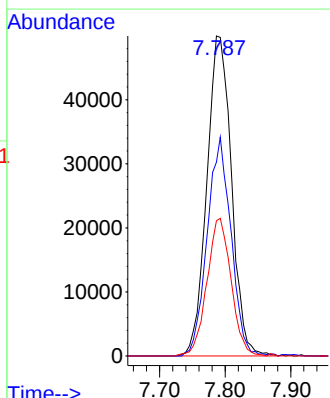
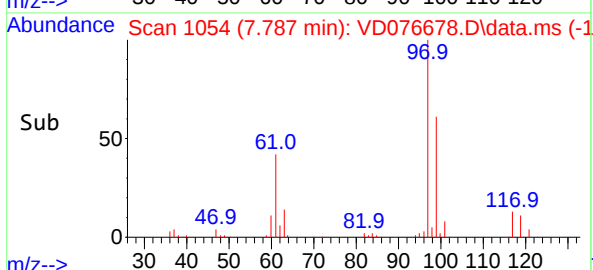
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

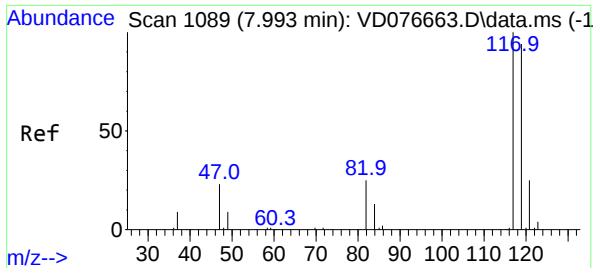


#30
1,1,1-Trichloroethane
Concen: 37.187 ug/L
RT: 7.787 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



Tgt Ion: 97 Resp: 130504
Ion Ratio Lower Upper
97 100
99 66.0 51.0 76.6
61 42.1 36.4 54.6





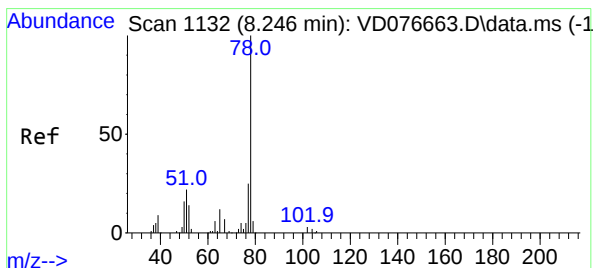
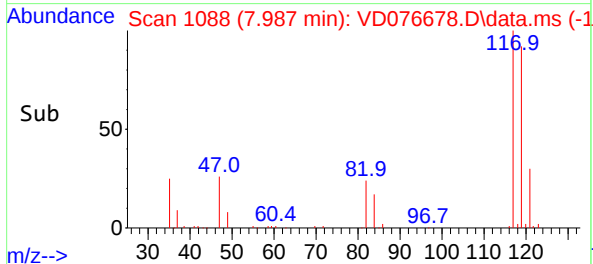
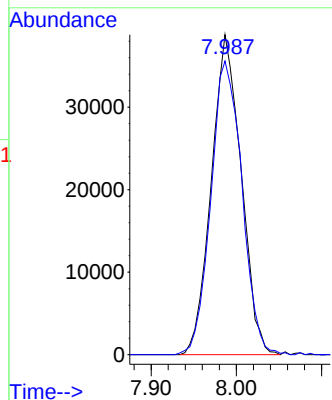
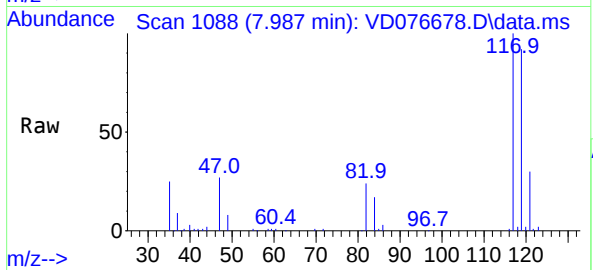
#31
Carbon tetrachloride
Concen: 33.509 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS

Tgt Ion:117 Resp: 94048
Ion Ratio Lower Upper
117 100
119 95.7 77.8 116.6

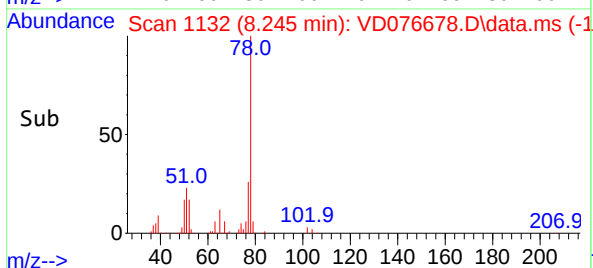
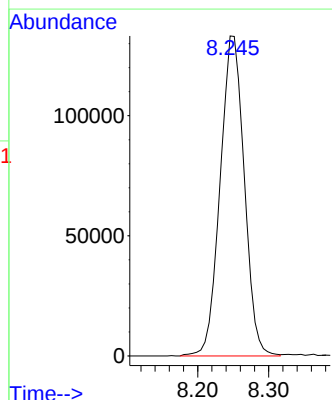
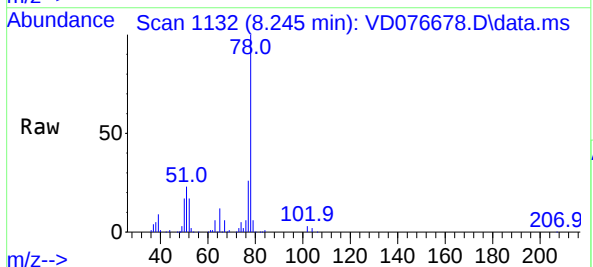
Manual Integrations
APPROVED

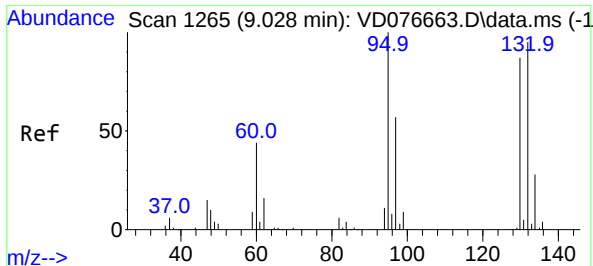
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#33
Benzene
Concen: 31.388 ug/L
RT: 8.245 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

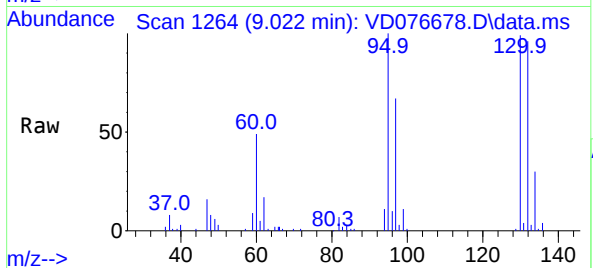
Tgt Ion: 78 Resp: 313818





#34
Trichloroethene
Concen: 29.621 ug/L
RT: 9.022 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

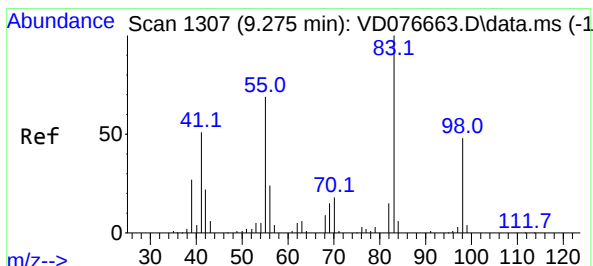
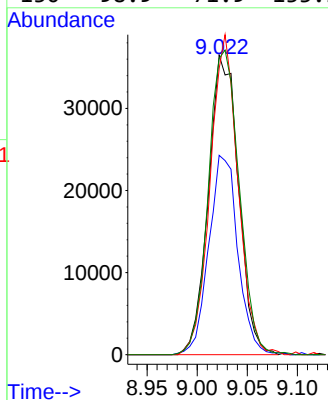
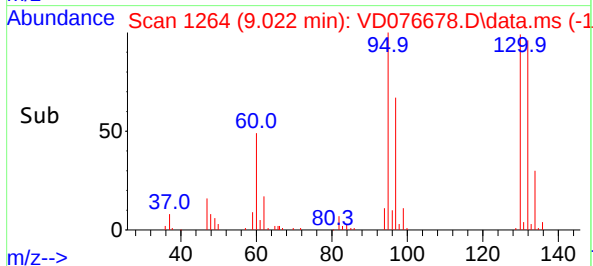
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



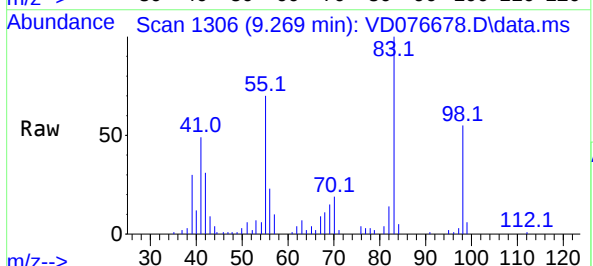
Tgt Ion: 95 Resp: 76070
Ion Ratio Lower Upper
95 100
97 66.6 43.1 80.1
132 95.6 71.8 133.4
130 98.9 71.9 133.5

Manual Integrations
APPROVED

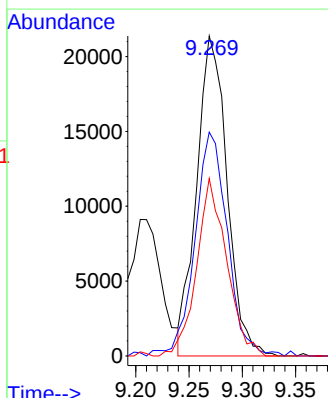
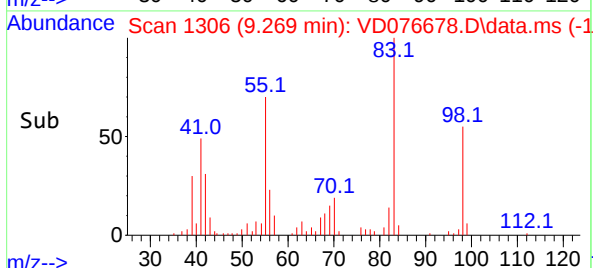
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

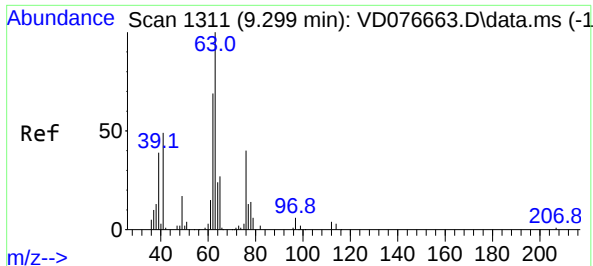


#35
Methylcyclohexane
Concen: 10.249 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



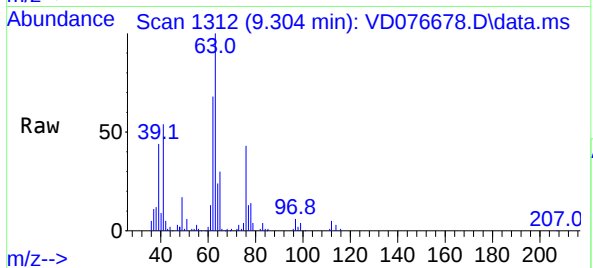
Tgt Ion: 83 Resp: 42449
Ion Ratio Lower Upper
83 100
55 73.5 59.8 89.6
98 54.7 37.8 56.6





#37
1,2-Dichloropropane
Concen: 29.519 ug/L
RT: 9.304 min Scan# 111
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

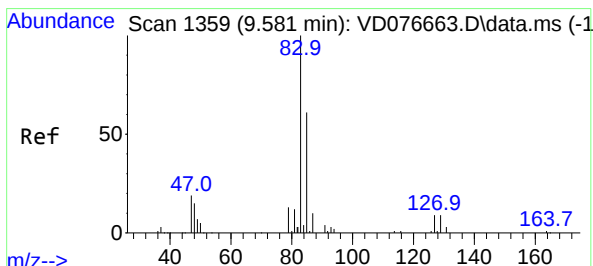
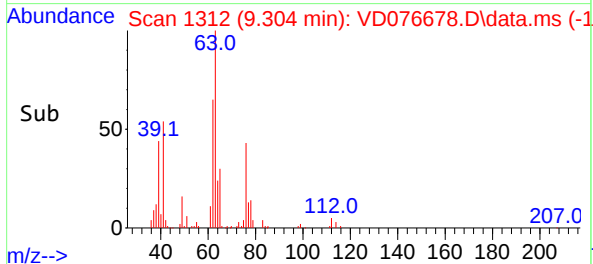
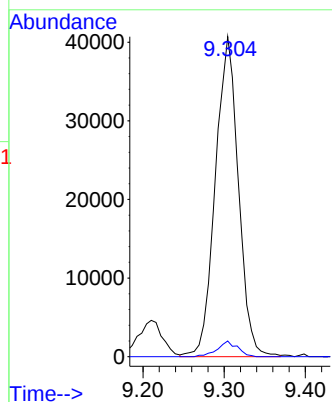
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



Tgt Ion: 63 Resp: 80464
Ion Ratio Lower Upper
63 100
112 4.3 3.1 4.7

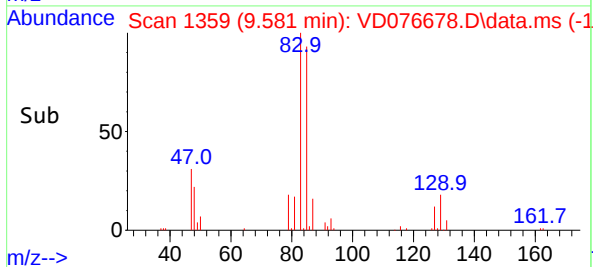
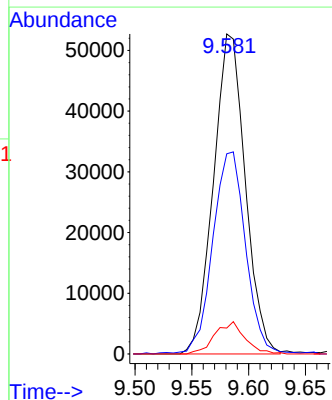
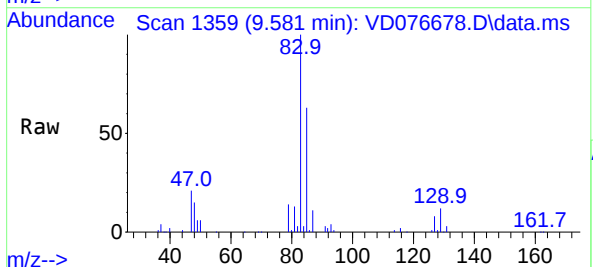
Manual Integrations
APPROVED

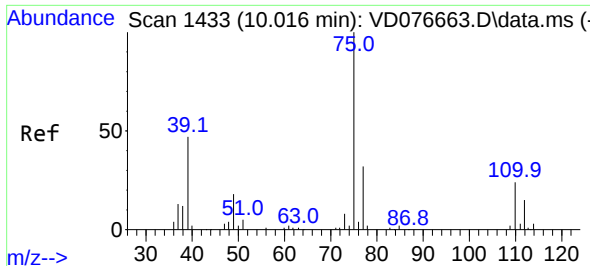
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#38
Bromodichloromethane
Concen: 33.032 ug/L
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

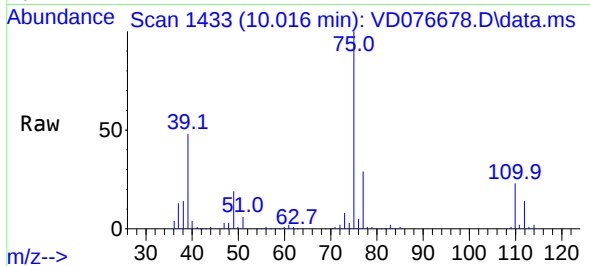
Tgt Ion: 83 Resp: 102697
Ion Ratio Lower Upper
83 100
85 62.5 43.9 81.5
127 8.1 6.6 9.8





#39
cis-1,3-Dichloropropene
Concen: 27.997 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

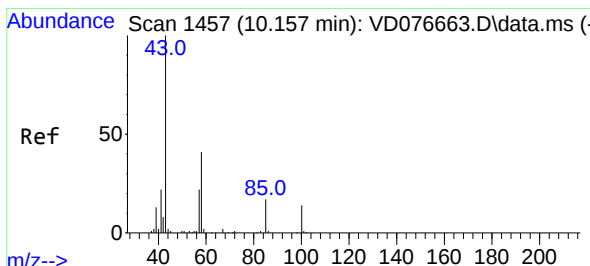
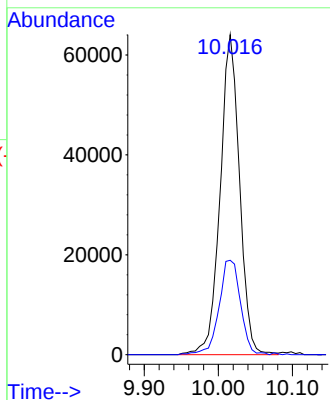
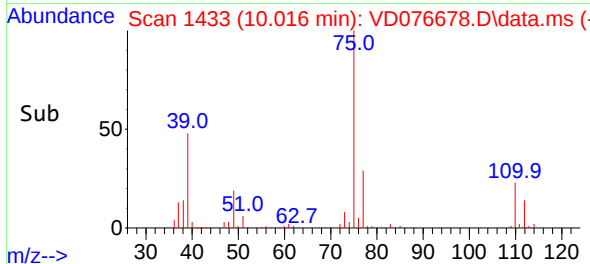
Instrument : MSVOA_D
ClientSampleId : A46Q1MS



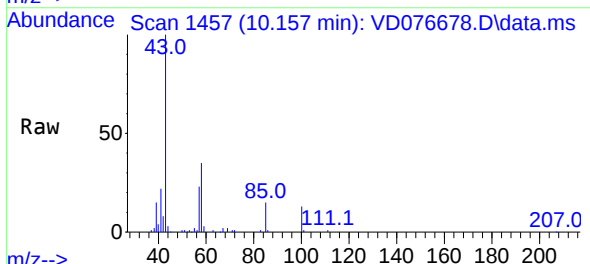
Tgt Ion: 75 Resp: 116530
Ion Ratio Lower Upper
75 100
77 29.5 22.7 42.3

Manual Integrations
APPROVED

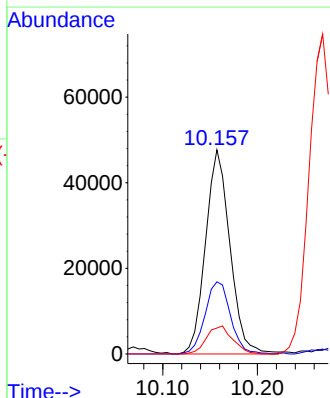
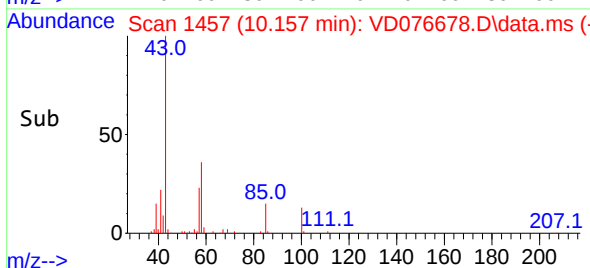
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

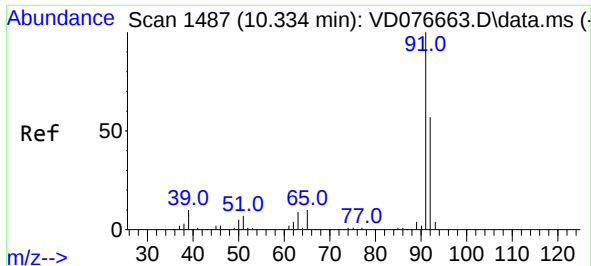


#40
4-Methyl-2-pentanone
Concen: 50.418 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



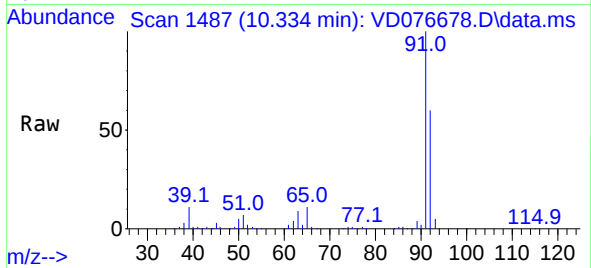
Tgt Ion: 43 Resp: 85495
Ion Ratio Lower Upper
43 100
58 36.8 30.7 46.1
100 14.6 11.0 16.4





#42
Toluene
Concen: 27.658 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

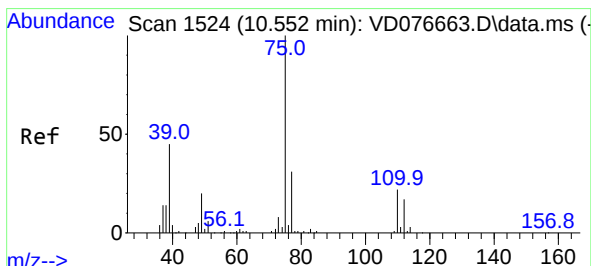
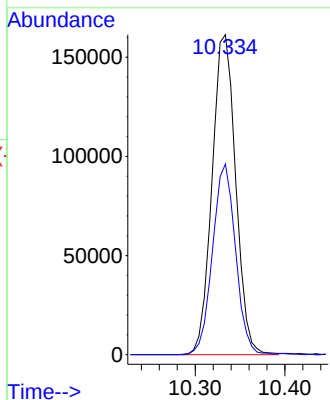
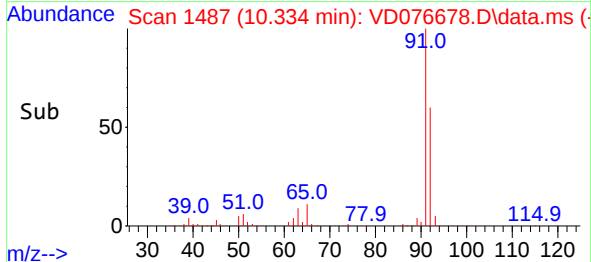
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



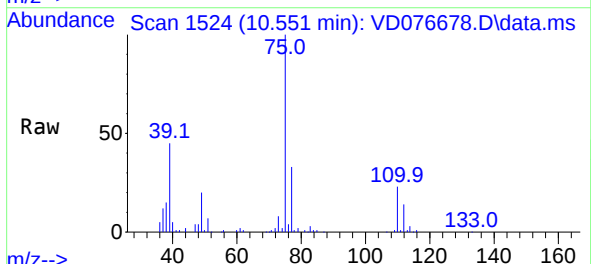
Tgt Ion: 91 Resp: 29550
Ion Ratio Lower Upper
91 100
92 59.6 39.3 73.1

Manual Integrations
APPROVED

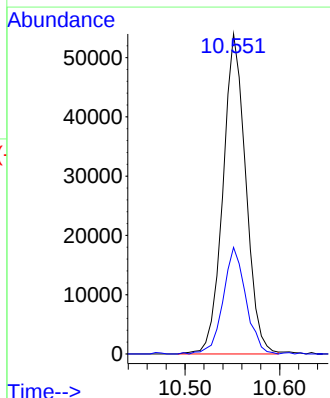
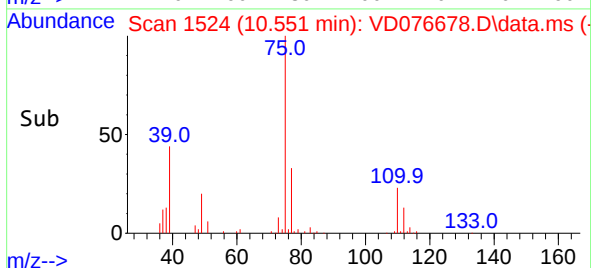
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

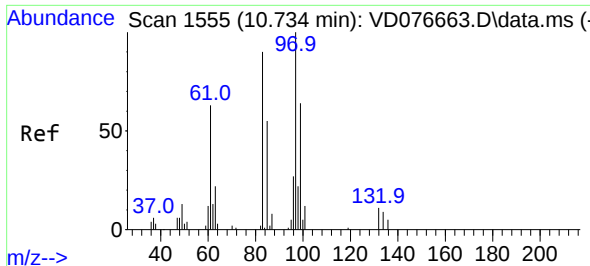


#44
trans-1,3-Dichloropropene
Concen: 26.735 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



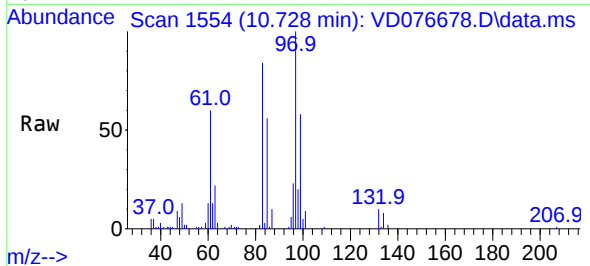
Tgt Ion: 75 Resp: 90451
Ion Ratio Lower Upper
75 100
77 33.3 22.5 41.7





#45
1,1,2-Trichloroethane
Concen: 29.226 ug/L
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS

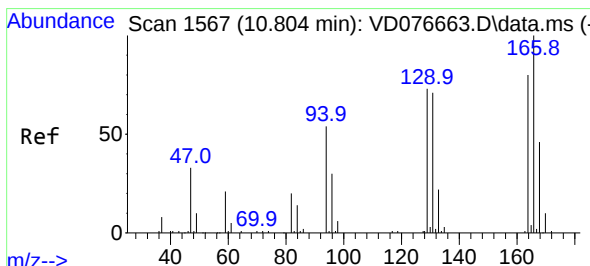
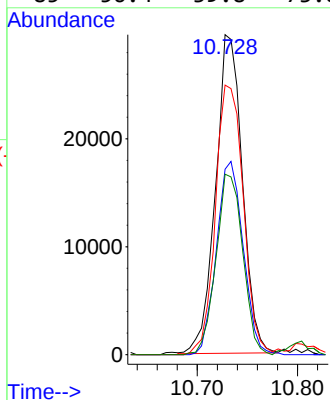
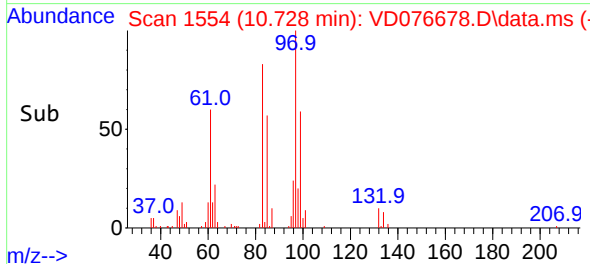


Tgt Ion: 97 Resp: 5464

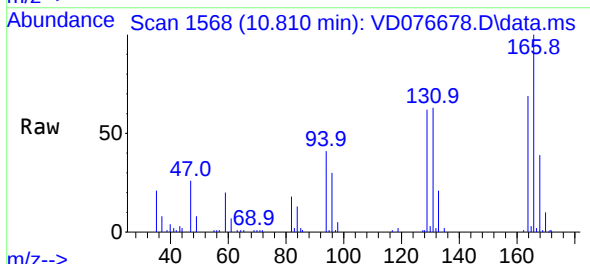
Ion	Ratio	Lower	Upper
97	100		
99	58.0	41.9	77.9
83	84.3	59.2	110.0
85	56.4	39.8	73.8

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

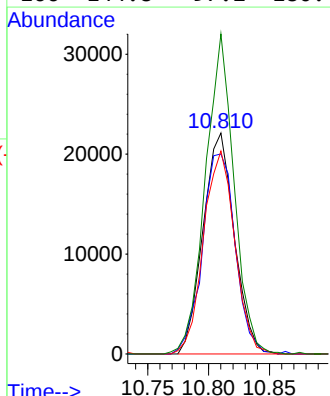
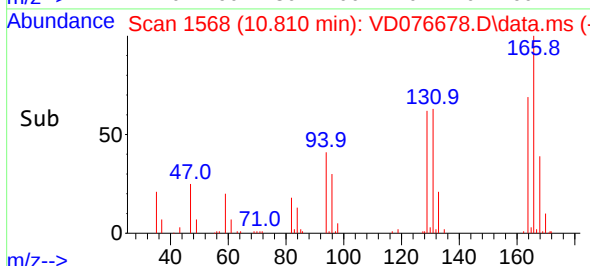


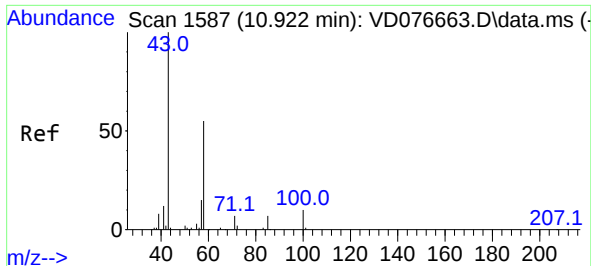
#46
Tetrachloroethene
Concen: 19.574 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



Tgt Ion:164 Resp: 39523

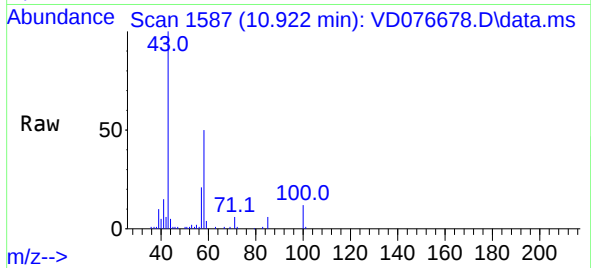
Ion	Ratio	Lower	Upper
164	100		
129	90.5	65.5	121.6
131	91.8	64.8	120.3
166	144.8	97.2	180.4





#48
2-Hexanone
Concen: 53.888 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

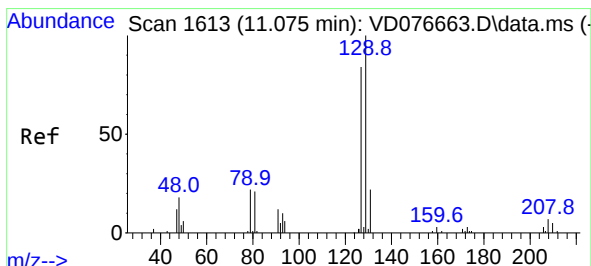
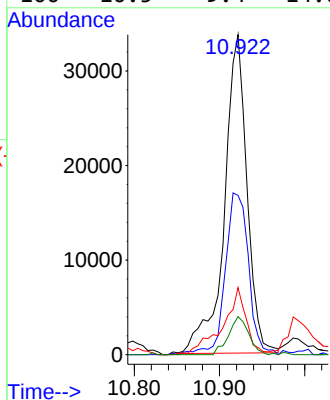
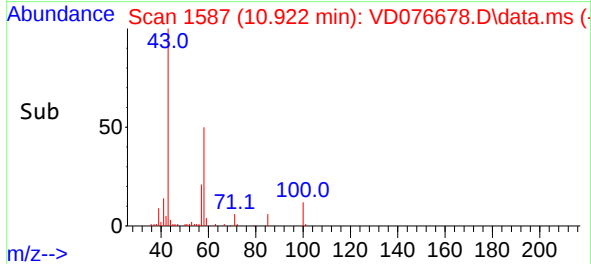
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



Tgt Ion: 43 Resp: 62583
Ion Ratio Lower Upper
43 100
58 50.1 42.9 64.3
57 21.8 13.7 20.5
100 10.5 9.4 14.0

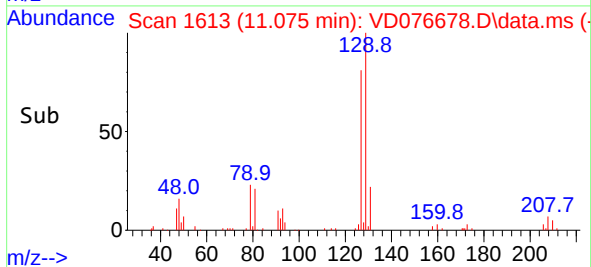
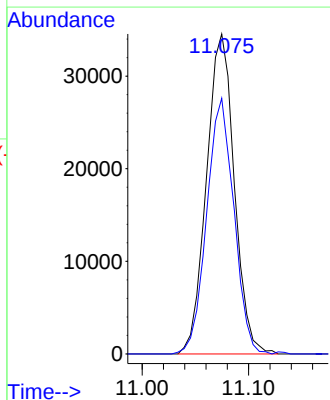
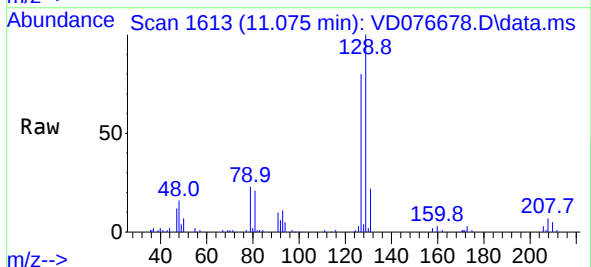
Manual Integrations
APPROVED

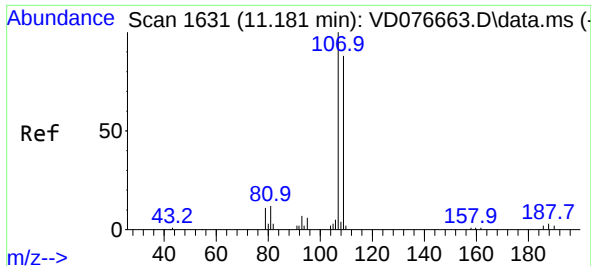
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#49
Dibromochloromethane
Concen: 29.521 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

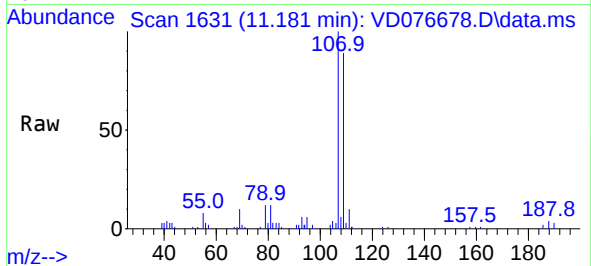
Tgt Ion:129 Resp: 62726
Ion Ratio Lower Upper
129 100
127 79.9 55.2 102.6





#50
1,2-Dibromoethane
Concen: 28.510 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

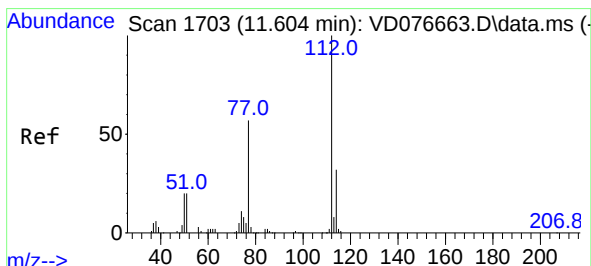
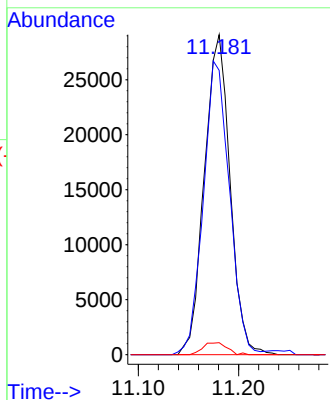
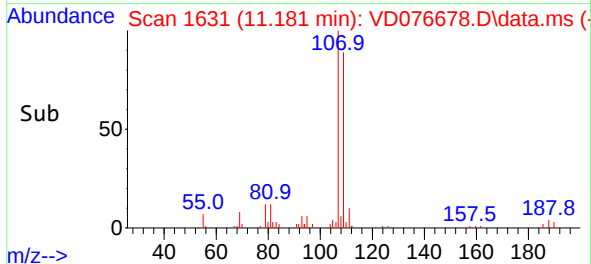
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



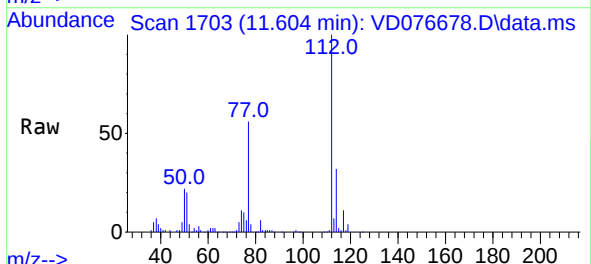
Tgt Ion:107 Resp: 5173
Ion Ratio Lower Upper
107 100
109 88.9 58.8 109.2
188 3.8 2.9 4.3

Manual Integrations
APPROVED

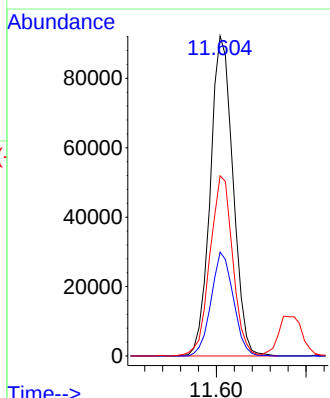
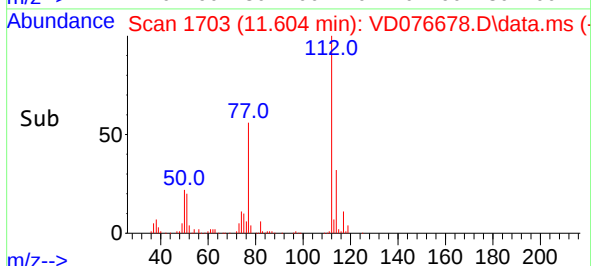
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

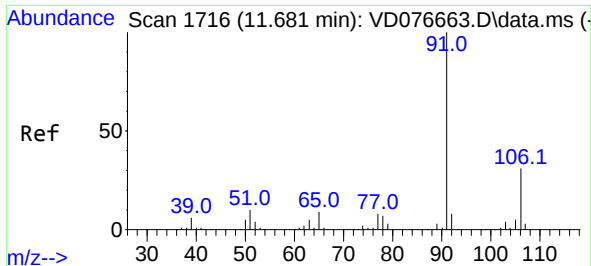


#51
Chlorobenzene
Concen: 24.239 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



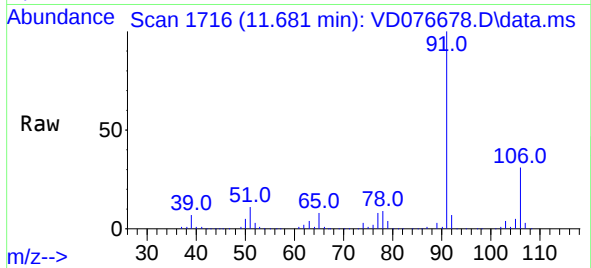
Tgt Ion:112 Resp: 161688
Ion Ratio Lower Upper
112 100
114 32.5 21.5 39.9
77 56.3 43.4 65.2





#52
Ethylbenzene
Concen: 21.904 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

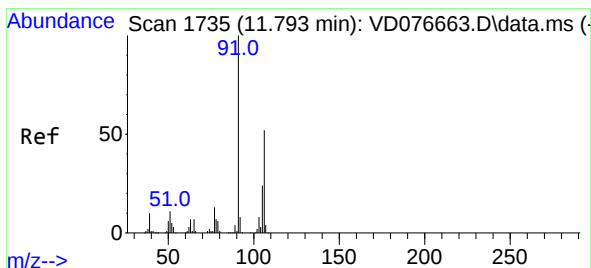
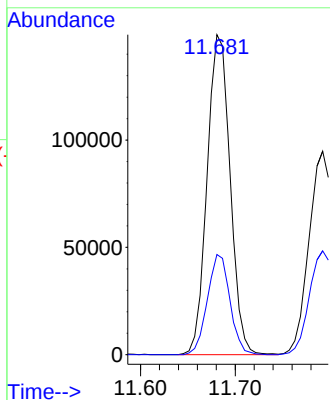
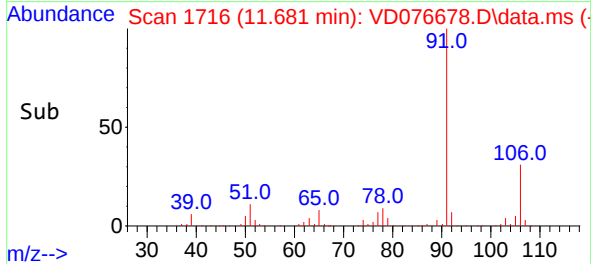
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



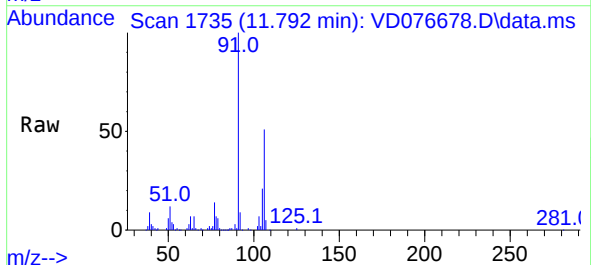
Tgt Ion: 91 Resp: 252240
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6

Manual Integrations
APPROVED

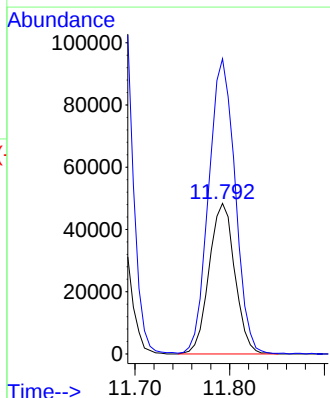
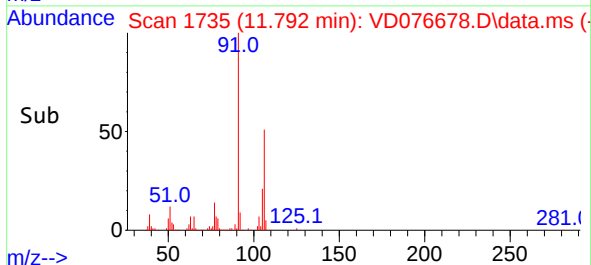
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

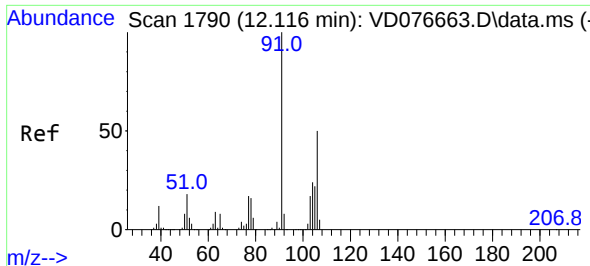


#53
m,p-Xylene
Concen: 20.149 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



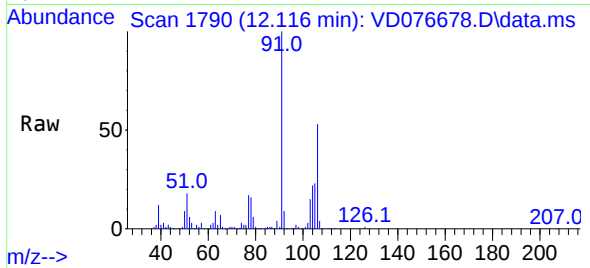
Tgt Ion:106 Resp: 91188
Ion Ratio Lower Upper
106 100
91 196.2 141.5 262.9





#54
o-Xylene
Concen: 20.868 ug/L
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

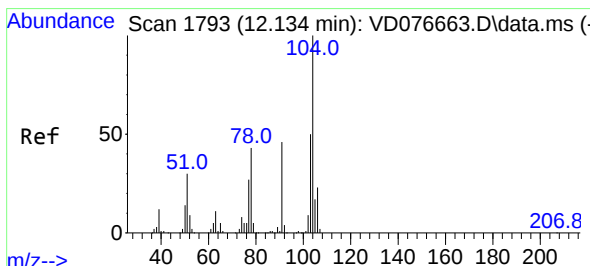
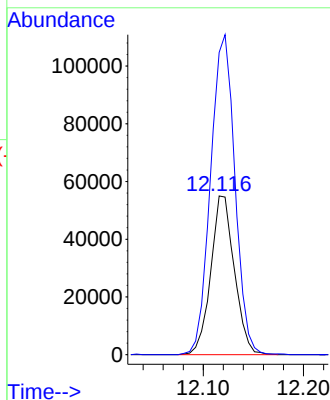
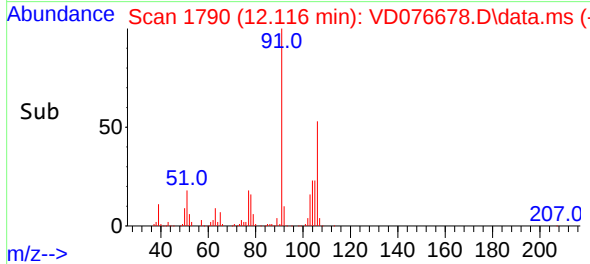
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



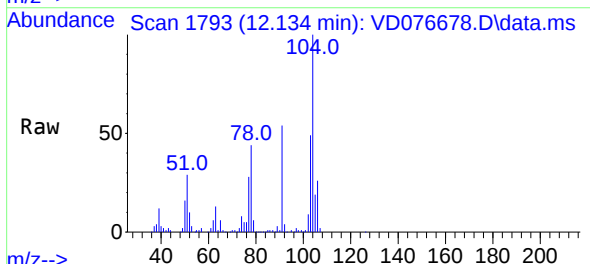
Tgt Ion:106 Resp: 8992
Ion Ratio Lower Upper
106 100
91 190.5 142.2 264.2

Manual Integrations
APPROVED

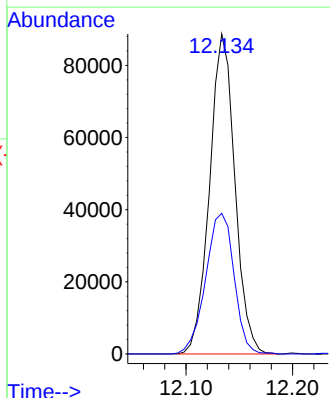
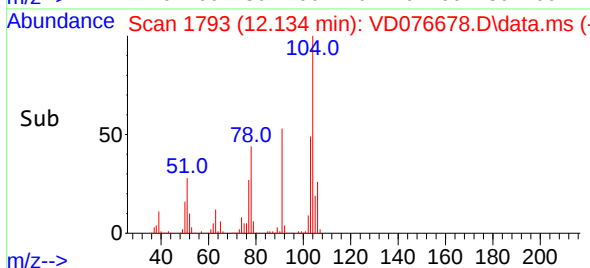
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

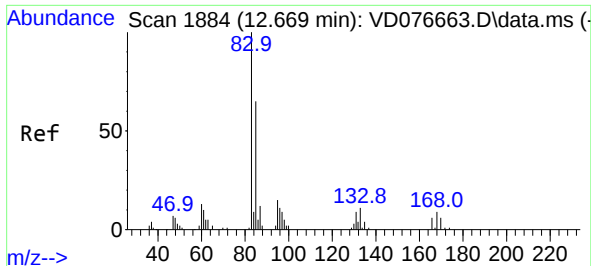


#55
Styrene
Concen: 19.666 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



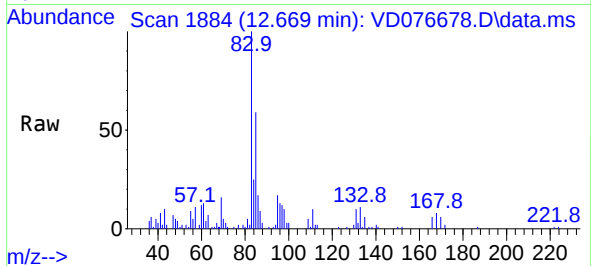
Tgt Ion:104 Resp: 146411
Ion Ratio Lower Upper
104 100
78 43.9 31.3 58.1





#57
1,1,2,2-Tetrachloroethane
Concen: 23.273 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

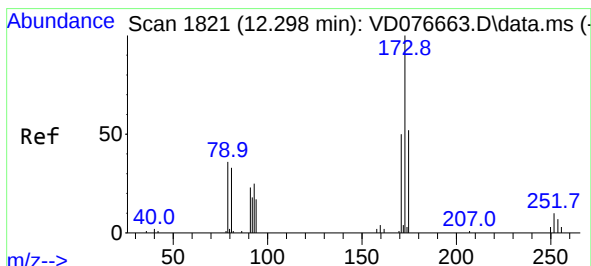
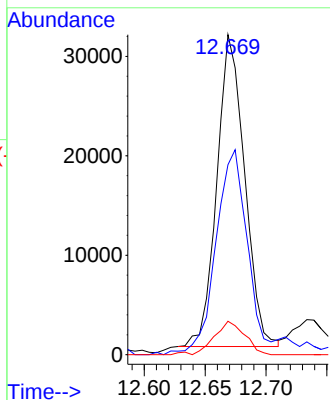
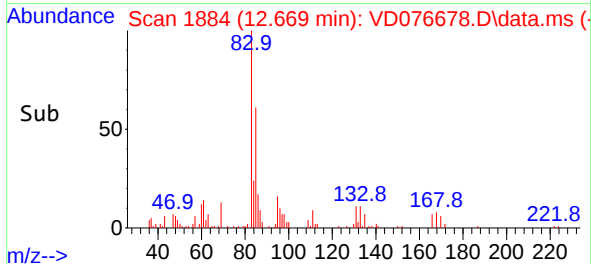
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



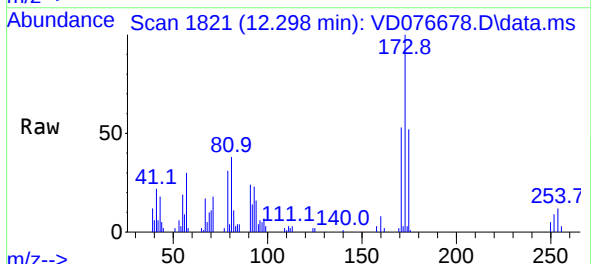
Tgt Ion: 83 Resp: 49729
Ion Ratio Lower Upper
83 100
85 59.3 46.3 86.1
131 10.4 7.0 10.4

Manual Integrations
APPROVED

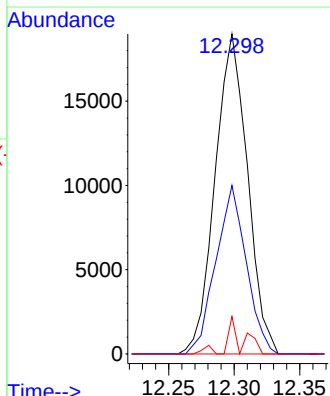
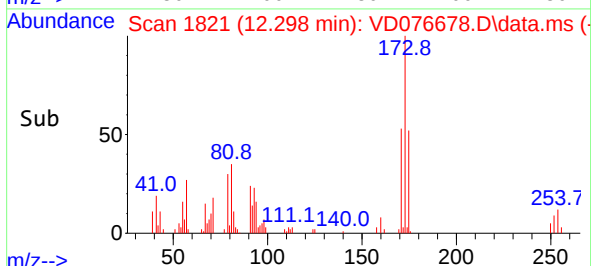
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

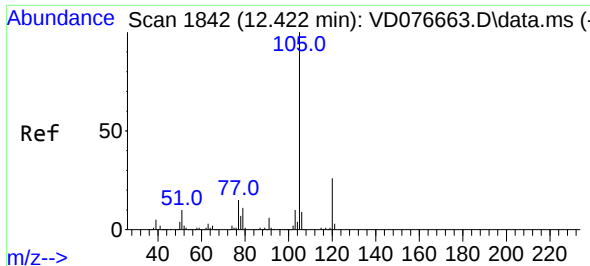


#59
Bromoform
Concen: 40.006 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



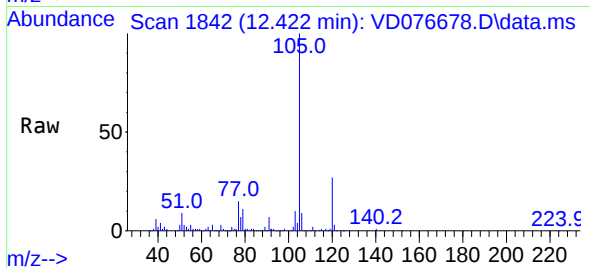
Tgt Ion:173 Resp: 32595
Ion Ratio Lower Upper
173 100
175 49.6 39.0 58.4
254 2.4 5.3 7.9





#60
Isopropylbenzene
Concen: 25.722 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

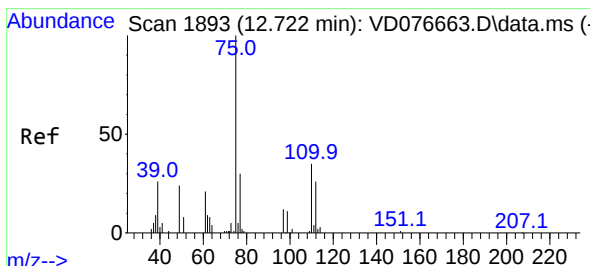
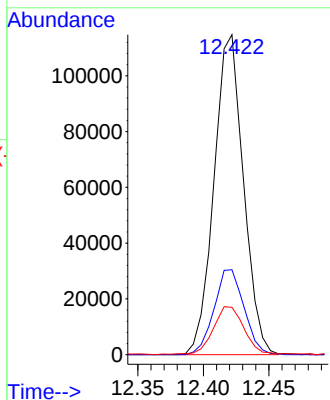
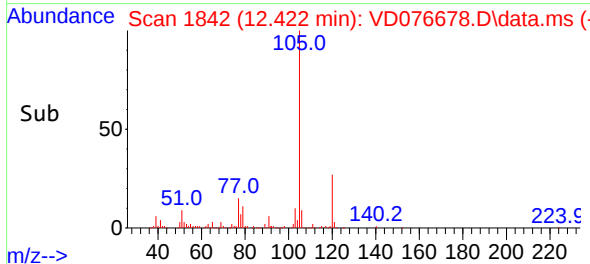
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



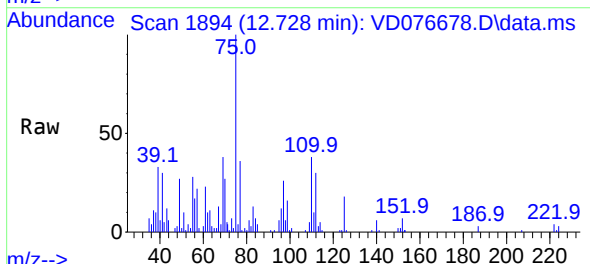
Tgt Ion:105 Resp: 17906
Ion Ratio Lower Upper
105 100
120 27.1 21.3 31.9
77 15.8 12.2 18.4

Manual Integrations
APPROVED

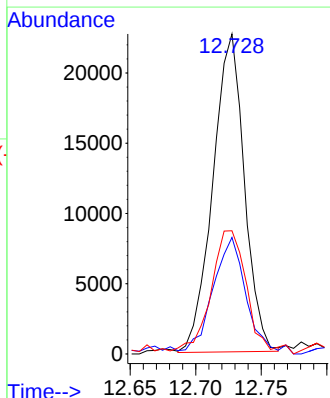
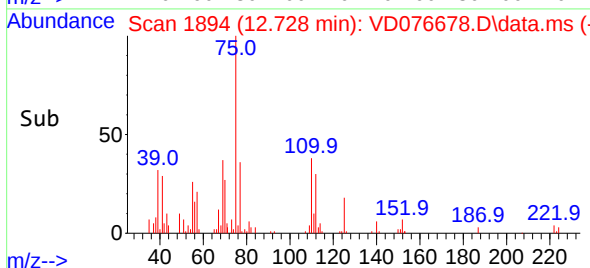
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

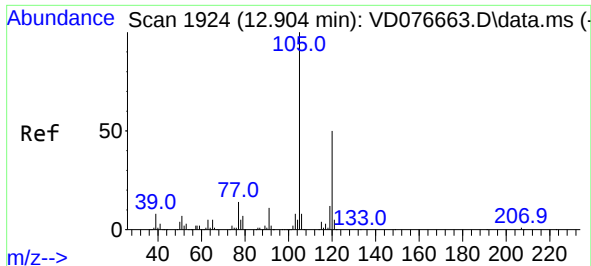


#61
1,2,3-Trichloropropane
Concen: 42.850 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



Tgt Ion: 75 Resp: 37849
Ion Ratio Lower Upper
75 100
77 36.3 27.2 40.8
110 40.8 31.8 47.6





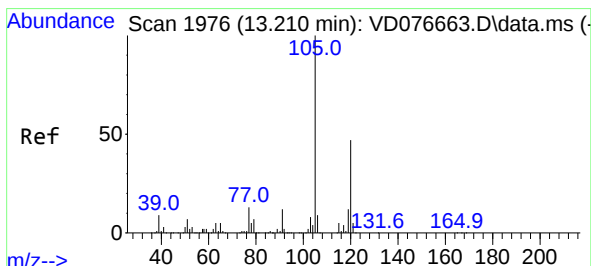
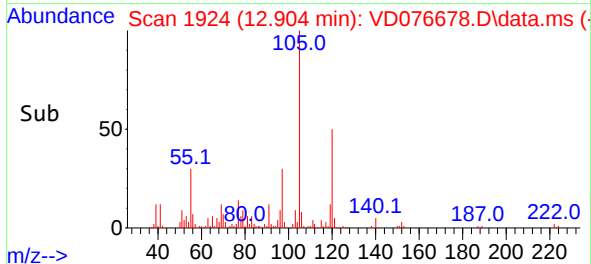
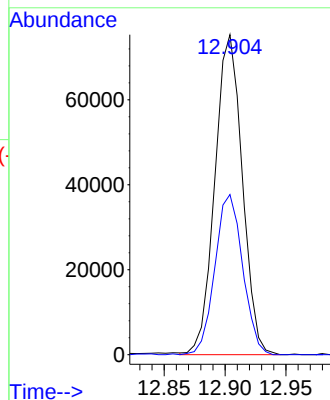
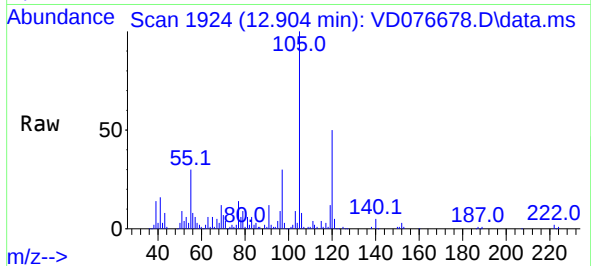
#62
1,3,5-Trimethylbenzene
Concen: 21.187 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076663.D
Acq: 30 Jun 2023 22:19

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS

Tgt Ion:105 Resp: 11800
Ion Ratio Lower Upper
105 100
120 50.6 39.8 59.6

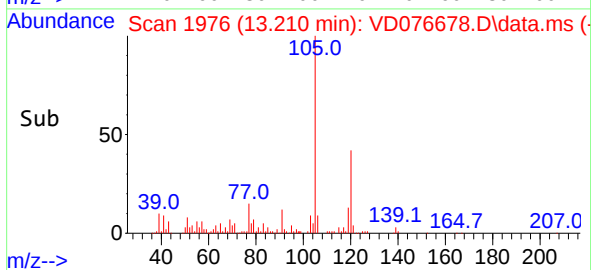
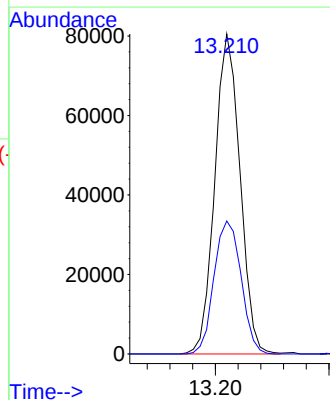
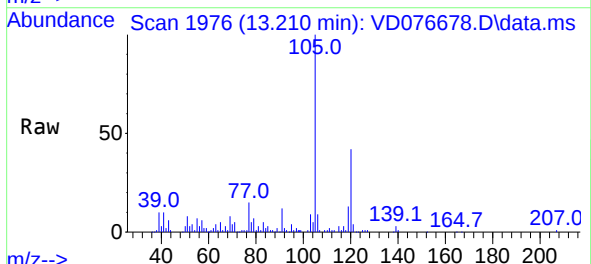
Manual Integrations
APPROVED

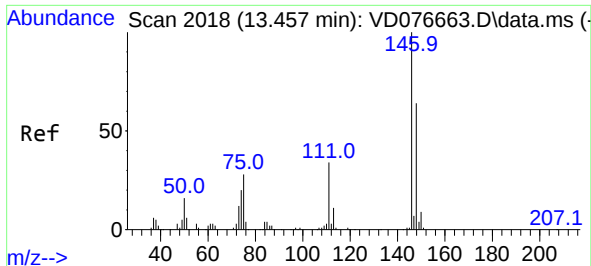
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#63
1,2,4-Trimethylbenzene
Concen: 22.599 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

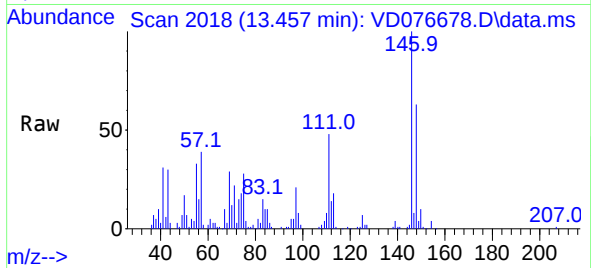
Tgt Ion:105 Resp: 124205
Ion Ratio Lower Upper
105 100
120 44.5 37.5 56.3





#64
1,3-Dichlorobenzene
Concen: 21.981 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

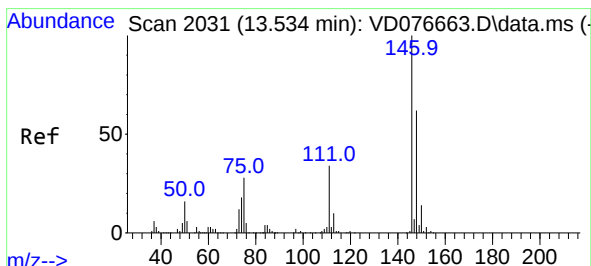
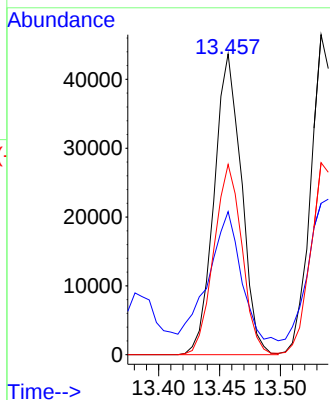
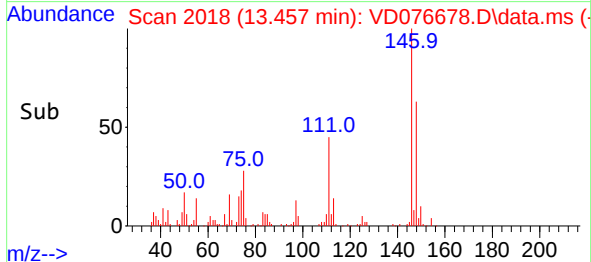
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



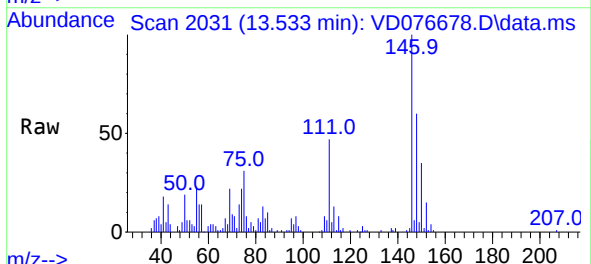
Tgt Ion:146 Resp: 68074
Ion Ratio Lower Upper
146 100
111 47.6 25.6 47.4
148 63.3 44.3 82.3

Manual Integrations
APPROVED

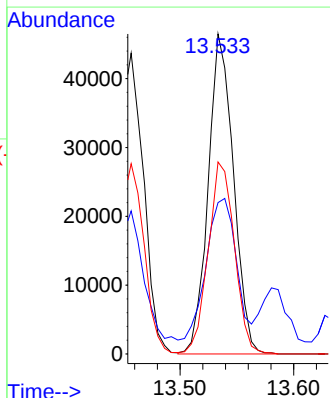
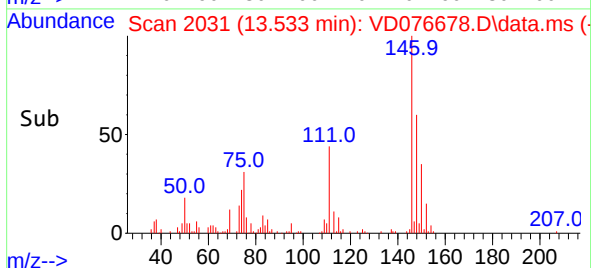
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

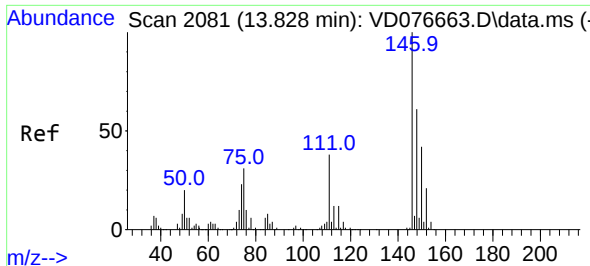


#65
1,4-Dichlorobenzene
Concen: 23.039 ug/L
RT: 13.533 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



Tgt Ion:146 Resp: 71923
Ion Ratio Lower Upper
146 100
111 47.3 25.7 47.7
148 60.0 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 23.021 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD076678.D

Acq: 30 Jun 2023 22:19

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MS

Tgt Ion:146 Resp: 63514

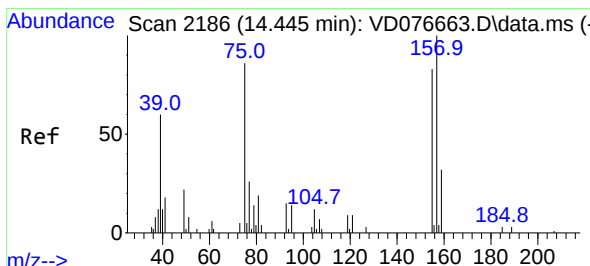
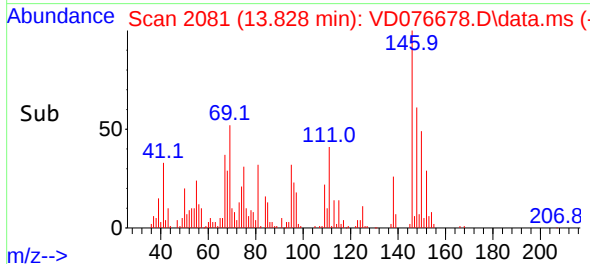
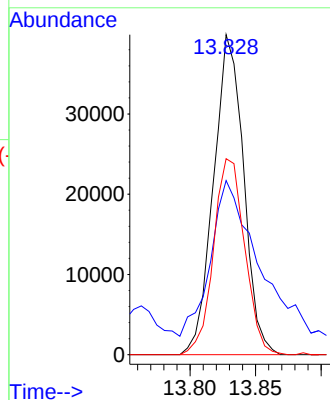
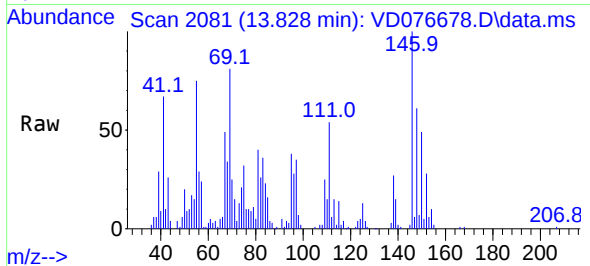
Ion	Ratio	Lower	Upper
146	100		
111	54.4	31.3	46.9
148	61.3	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023

Supervised By :Mahesh Dadoda 07/07/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 34.448 ug/L

RT: 14.445 min Scan# 2186

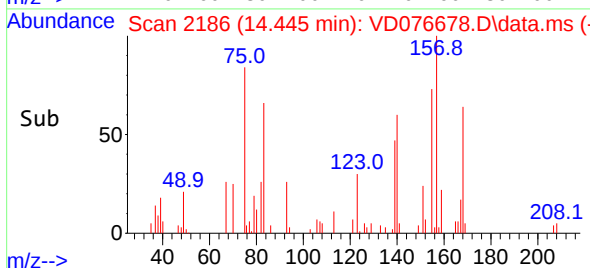
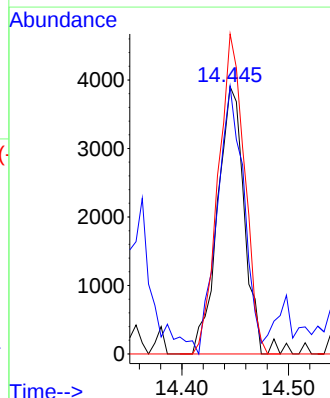
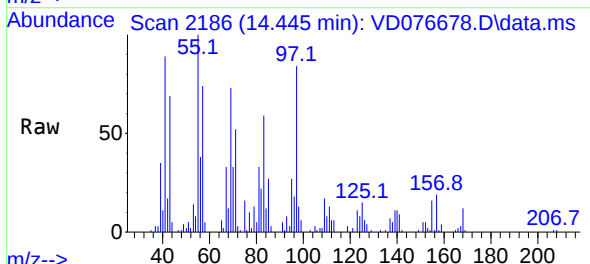
Delta R.T. -0.000 min

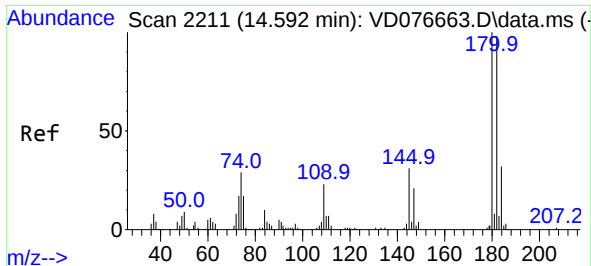
Lab File: VD076678.D

Acq: 30 Jun 2023 22:19

Tgt Ion: 75 Resp: 6781

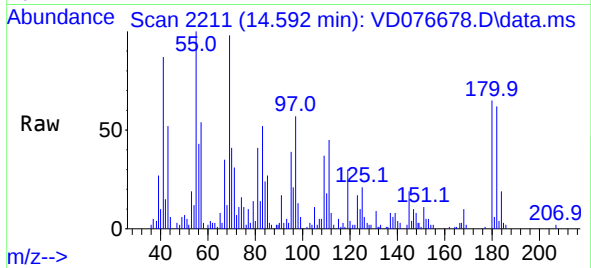
Ion	Ratio	Lower	Upper
75	100		
155	100.1	76.2	114.4
157	119.7	89.4	134.2





#69
1,3,5-Trichlorobenzene
Concen: 10.793 ug/L
RT: 14.592 min Scan# 2211
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

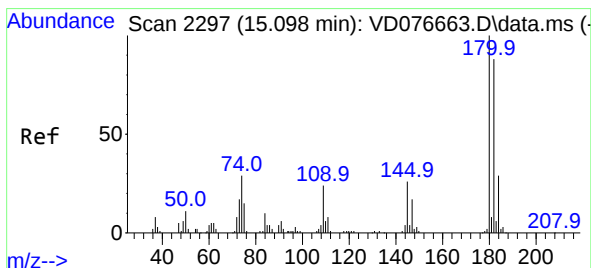
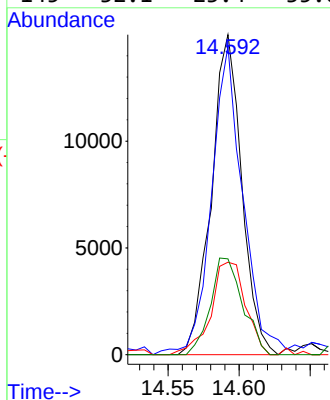
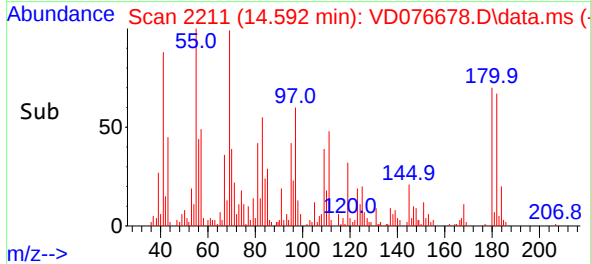
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



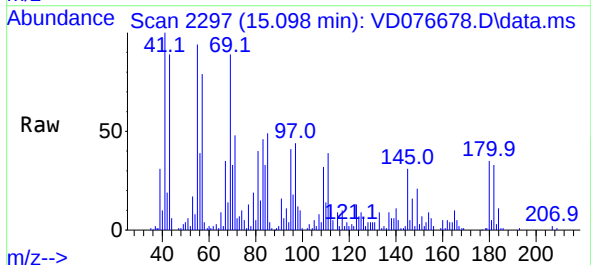
Tgt Ion:180 Resp: 2229
Ion Ratio Lower Upper
180 100
182 94.3 77.1 115.7
184 33.0 25.0 37.4
145 32.1 23.4 35.0

Manual Integrations
APPROVED

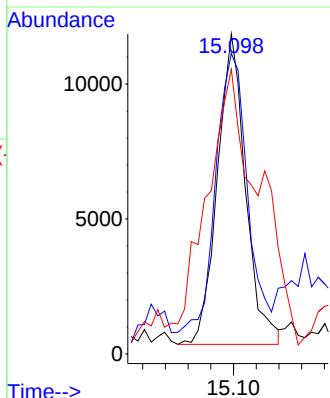
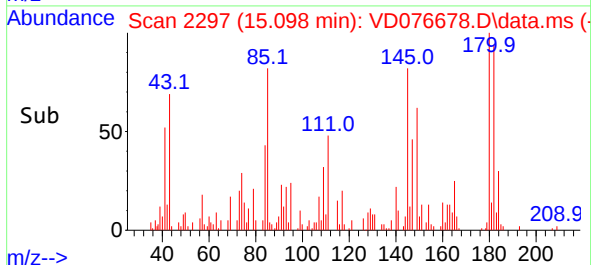
Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023

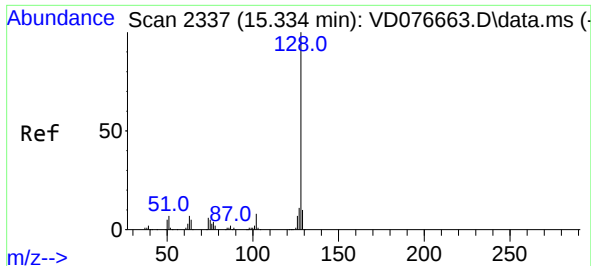


#70
1,2,4-trichlorobenzene
Concen: 10.770 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



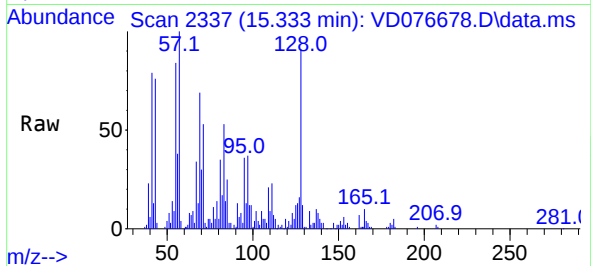
Tgt Ion:180 Resp: 19796
Ion Ratio Lower Upper
180 100
182 104.2 76.9 115.3
145 112.7 23.5 35.3#





#71
Naphthalene
Concen: 18.537 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19

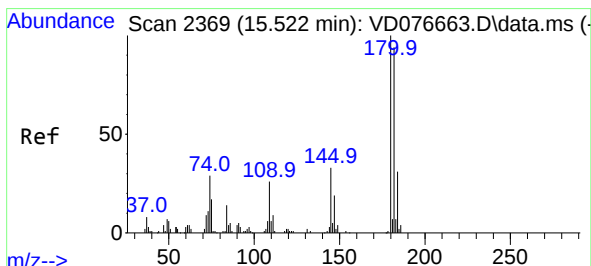
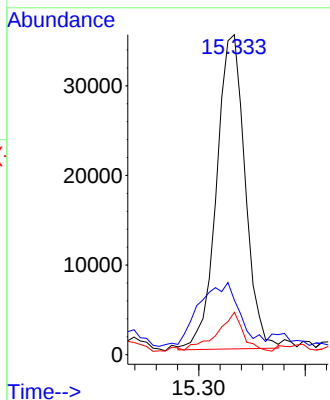
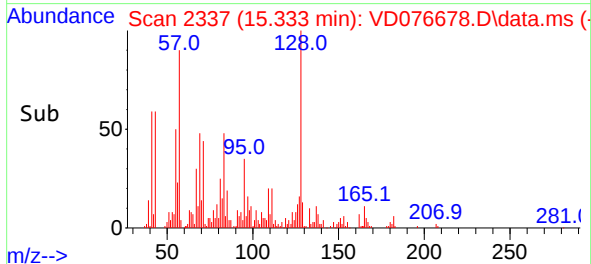
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MS



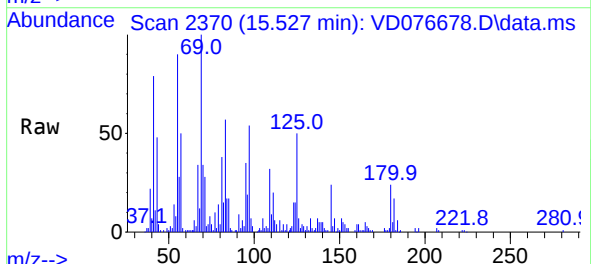
Tgt Ion:128 Resp: 6523
Ion Ratio Lower Upper
128 100
127 16.8 10.8 16.2
129 11.3 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/03/2023
Supervised By :Mahesh Dadoda 07/07/2023



#72
1,2,3-Trichlorobenzene
Concen: 16.626 ug/L m
RT: 15.527 min Scan# 2370
Delta R.T. 0.006 min
Lab File: VD076678.D
Acq: 30 Jun 2023 22:19



Tgt Ion:180 Resp: 26538
Ion Ratio Lower Upper
180 100
182 6.0 74.3 111.5#
145 1.4 25.0 37.6#

