

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070323\
 Data File : VD076685.D
 Acq On : 03 Jul 2023 11:56
 Operator : KP/SY
 Sample : 03444-09MSD
 Misc : 3.68G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 A46Q1MSD

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
 Supervised By :Mahesh Dadoda 07/05/2023

Quant Time: Jul 04 01:09:44 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	238363	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	203524	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	83599	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	106092	18.277	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	73.120%	
7) Chloroethane-d5	2.793	69	89066	18.976	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	75.920%	
11) 1,1-Dichloroethene-d2	3.905	65	30851m	20.361	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	81.440%	
21) 2-Butanone-d5	6.987	46	52208	59.386	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	118.780%	
24) Chloroform-d	7.569	84	146362	23.306	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	93.240%	
26) 1,2-Dichloroethane-d4	8.228	65	82163	26.521	ug/L	0.00
Spiked Amount	25.000	Range 70 - 130	Recovery	=	106.080%	
32) Benzene-d6	8.199	84	278165	22.343	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	89.360%	
36) 1,2-Dichloropropane-d6	9.204	67	91290	22.972	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	91.880%	
41) Toluene-d8	10.269	98	248096	21.521	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	86.080%	
43) trans-1,3-Dichloroprop...	10.522	79	43023	26.029	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	104.120%	
47) 2-Hexanone-d5	10.875	63	37469	60.740	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	121.480%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	82104	29.040	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	116.160%	
66) 1,2-Dichlorobenzene-d4	13.816	152	70977	23.163	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	92.640%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	94584	25.465	ug/L	100
3) Chloromethane	2.146	50	132636	21.481	ug/L	98
5) Vinyl chloride	2.275	62	139488	20.941	ug/L	100
6) Bromomethane	2.681	94	63426	17.191	ug/L	97
8) Chloroethane	2.828	64	84106	20.613	ug/L	99
9) Trichlorofluoromethane	3.163	101	127553	26.484	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.952	101	69774	22.335	ug/L	96
12) 1,1-Dichloroethene	3.928	96	70661	22.841	ug/L	98
13) Acetone	4.022	43	61353	86.405	ug/L	99
14) Carbon disulfide	4.263	76	225192	20.082	ug/L	97
15) Methyl Acetate	4.563	43	40506	24.989	ug/L	100
16) Methylene chloride	4.799	84	81013	19.554	ug/L	89
17) trans-1,2-Dichloroethene	5.305	96	73893	21.425	ug/L	95
18) Methyl tert-butyl Ether	5.316	73	199211	25.371	ug/L #	74
19) 1,1-Dichloroethane	6.110	63	137544	21.813	ug/L	97
20) cis-1,2-Dichloroethene	7.075	96	84139	21.844	ug/L	98
22) 2-Butanone	7.081	43	65382	57.057	ug/L	97
23) Bromochloromethane	7.422	128	39700	24.285	ug/L	92
25) Chloroform	7.593	83	140726	22.868	ug/L	98

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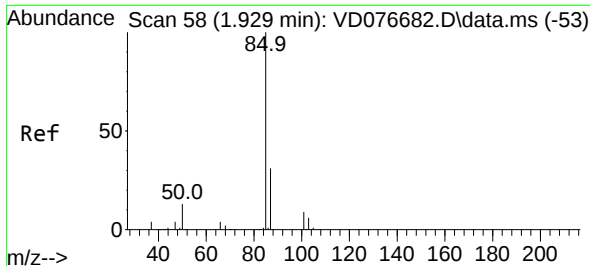
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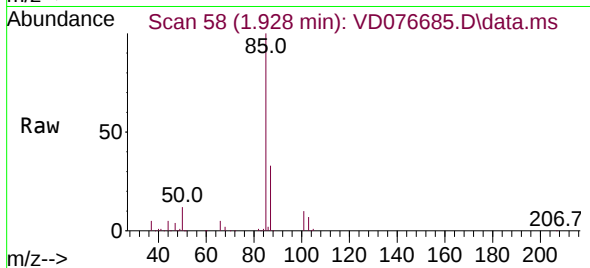
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	95445	25.221	ug/L	99
29) Cyclohexane	7.875	56	91299	16.869	ug/L	96
30) 1,1,1-Trichloroethane	7.793	97	118081	24.974	ug/L	98
31) Carbon tetrachloride	7.987	117	97540	25.796	ug/L	97
33) Benzene	8.251	78	297399	22.079	ug/L	100
34) Trichloroethene	9.028	95	76654	22.153	ug/L	90
35) Methylcyclohexane	9.275	83	68855	12.340	ug/L	98
37) 1,2-Dichloropropane	9.304	63	82314	22.414	ug/L #	97
38) Bromodichloromethane	9.581	83	106293	25.377	ug/L #	97
39) cis-1,3-Dichloropropene	10.016	75	132990	23.716	ug/L	97
40) 4-Methyl-2-pentanone	10.157	43	118146	51.715	ug/L	99
42) Toluene	10.334	91	314872	21.874	ug/L	98
44) trans-1,3-Dichloropropene	10.551	75	114786	25.183	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	65937	26.177	ug/L	96
46) Tetrachloroethene	10.810	164	51655	18.989	ug/L	93
48) 2-Hexanone	10.922	43	81664	52.193	ug/L	97
49) Dibromochloromethane	11.069	129	75434	26.351	ug/L	98
50) 1,2-Dibromoethane	11.181	107	64918	26.553	ug/L	90
51) Chlorobenzene	11.604	112	196115	21.822	ug/L	97
52) Ethylbenzene	11.681	91	318281	20.514	ug/L	98
53) m,p-Xylene	11.792	106	118953	19.509	ug/L	94
54) o-Xylene	12.122	106	113902	19.620	ug/L	93
55) Styrene	12.134	104	209640	20.901	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.669	83	77065	26.770	ug/L	94
59) Bromoform	12.298	173	46177	30.855	ug/L #	98
60) Isopropylbenzene	12.422	105	268397	20.990	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	53685	33.089	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	194517	19.014	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	201274	19.937	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	117189	20.601	ug/L	96
65) 1,4-Dichlorobenzene	13.539	146	121455	21.181	ug/L	96
67) 1,2-Dichlorobenzene	13.834	146	109317	21.571	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	11424	31.596	ug/L	95
69) 1,3,5-Trichlorobenzene	14.592	180	49106	12.942	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	46902	13.892	ug/L #	88
71) Naphthalene	15.328	128	148818	23.023	ug/L #	94
72) 1,2,3-Trichlorobenzene	15.522	180	40643	13.863	ug/L #	91

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



#2
Dichlorodifluoromethane
Concen: 25.465 ug/L
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

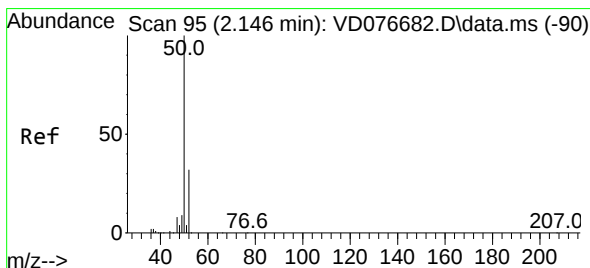
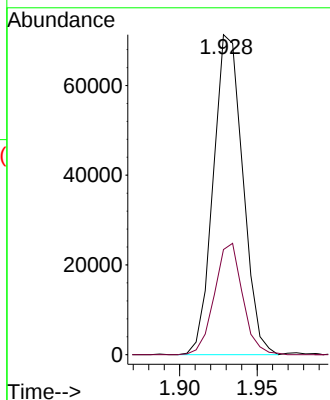
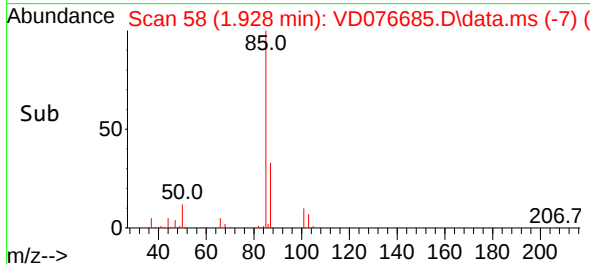
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD



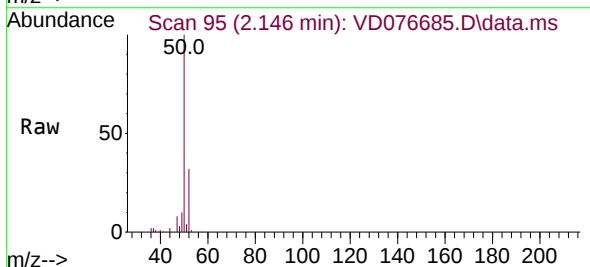
Tgt Ion: 85 Resp: 94584
Ion Ratio Lower Upper
85 100
87 33.2 26.3 39.5

Manual Integrations
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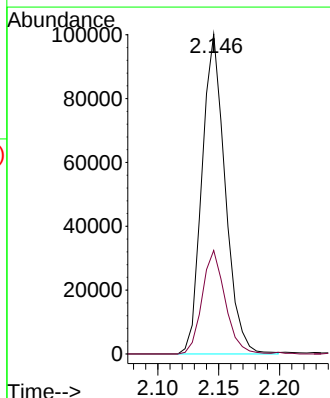
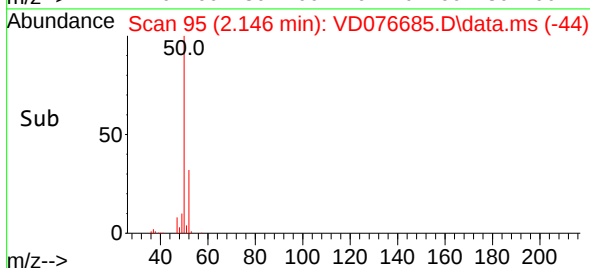
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023

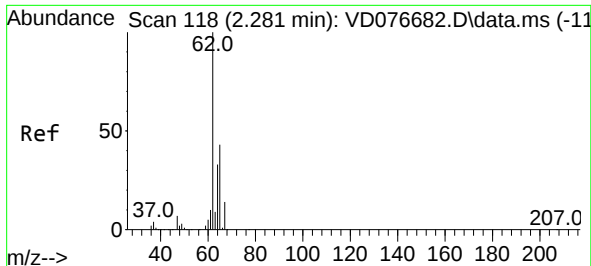


#3
Chloromethane
Concen: 21.481 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56



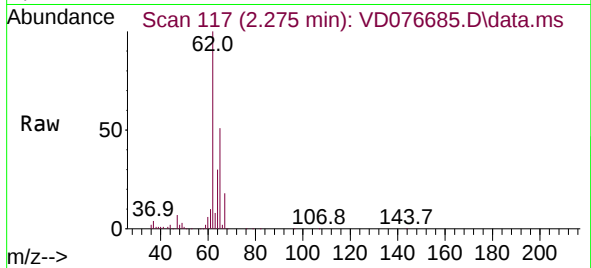
Tgt Ion: 50 Resp: 132636
Ion Ratio Lower Upper
50 100
52 32.3 23.2 43.2





#5
Vinyl chloride
Concen: 20.941 ug/L
RT: 2.275 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

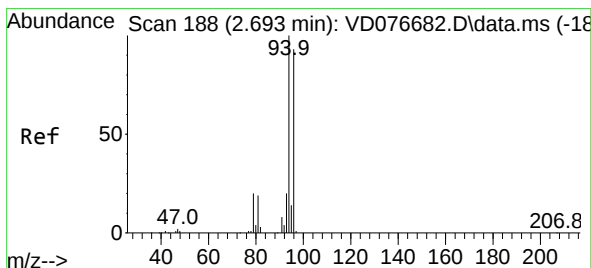
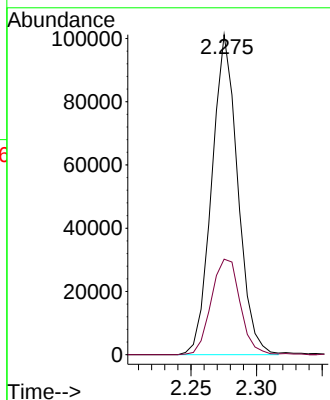
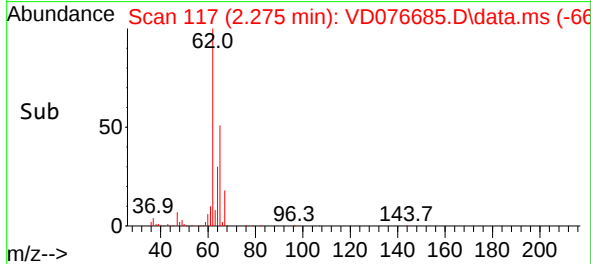
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD



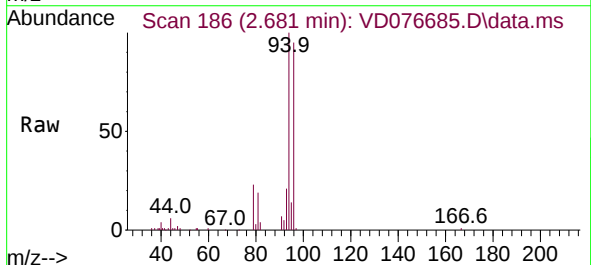
Tgt Ion: 62 Resp: 13948
Ion Ratio Lower Upper
62 100
64 29.8 21.1 39.1

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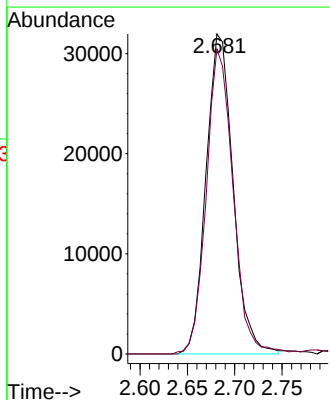
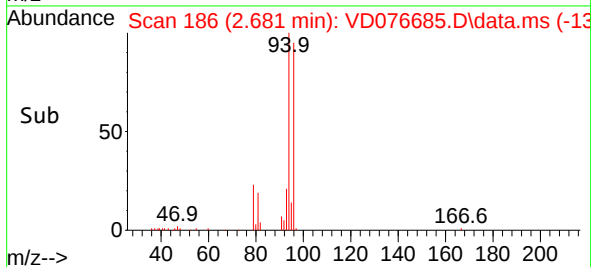
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023

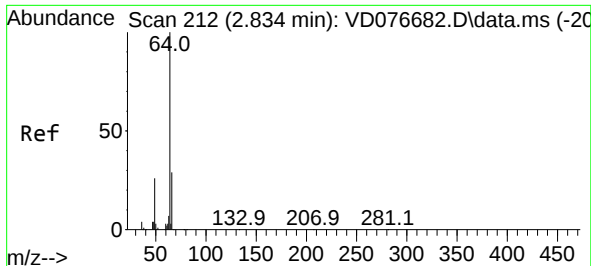


#6
Bromomethane
Concen: 17.191 ug/L
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56



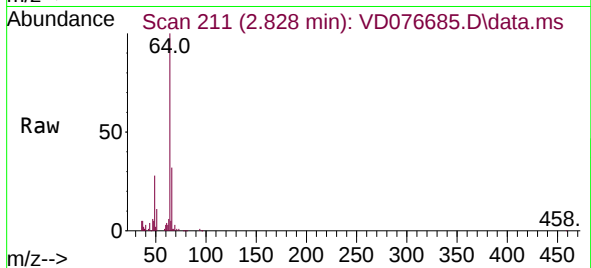
Tgt Ion: 94 Resp: 63426
Ion Ratio Lower Upper
94 100
96 95.3 64.7 120.1





#8
Chloroethane
Concen: 20.613 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

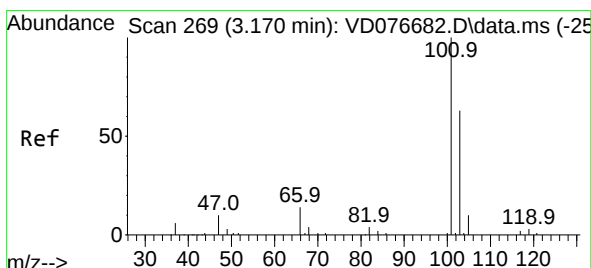
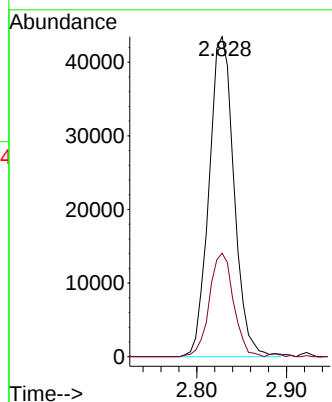
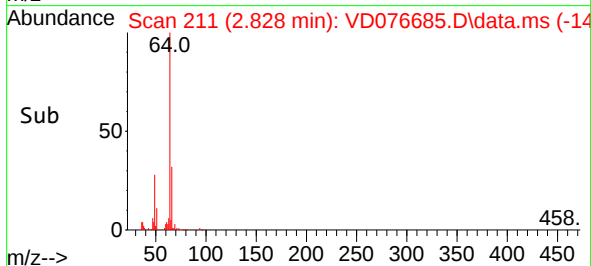
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD



Tgt Ion: 64 Resp: 84100
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1

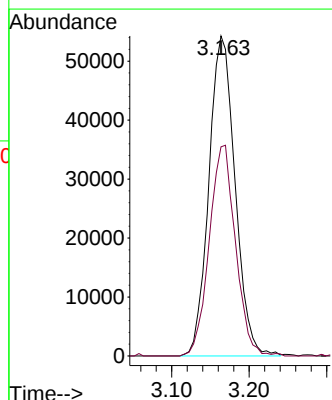
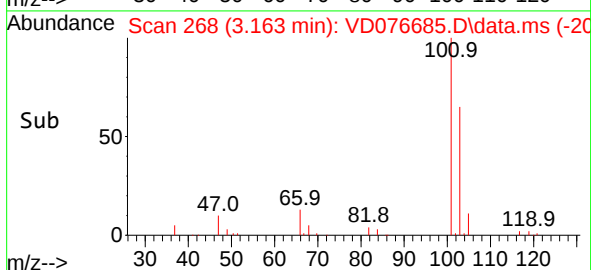
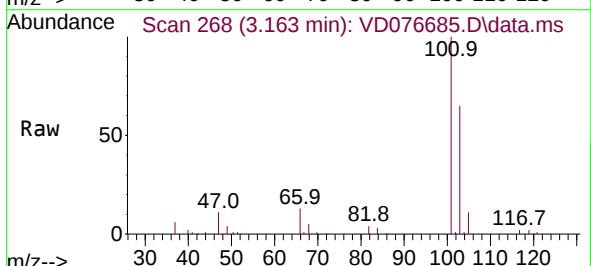
Manual Integrations
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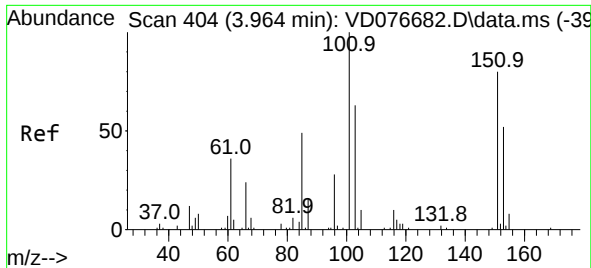
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#9
Trichlorofluoromethane
Concen: 26.484 ug/L
RT: 3.163 min Scan# 268
Delta R.T. -0.006 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Tgt Ion:101 Resp: 127553
Ion Ratio Lower Upper
101 100
103 65.7 51.8 77.6





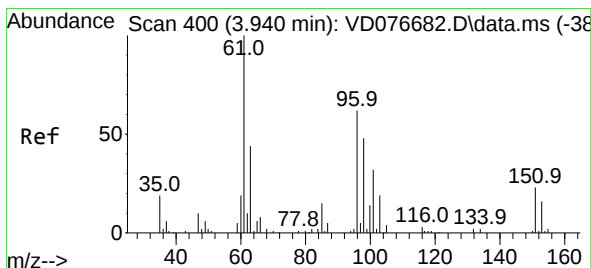
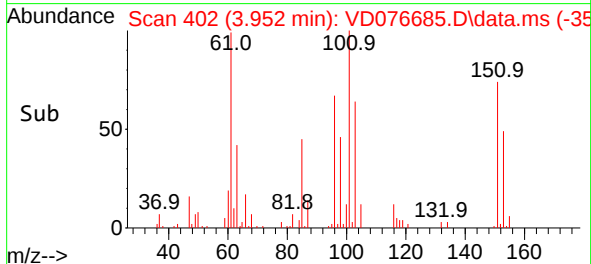
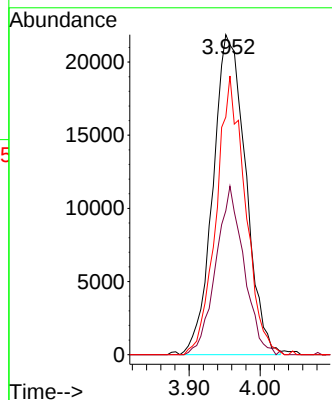
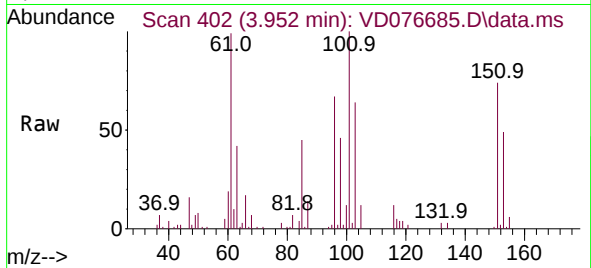
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1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 22.335 ug/L
RT: 3.952 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 69774
Ion Ratio Lower Upper
101 100
85 45.3 35.5 53.3
151 77.5 58.6 87.8

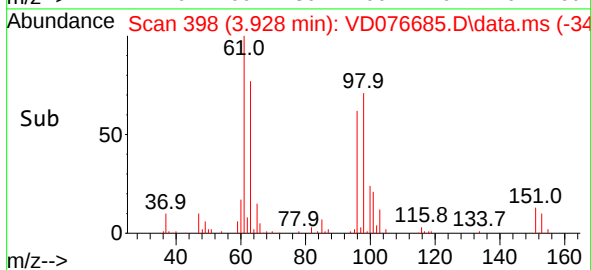
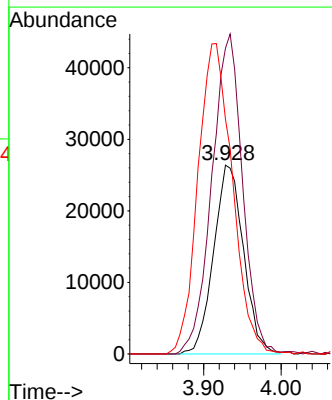
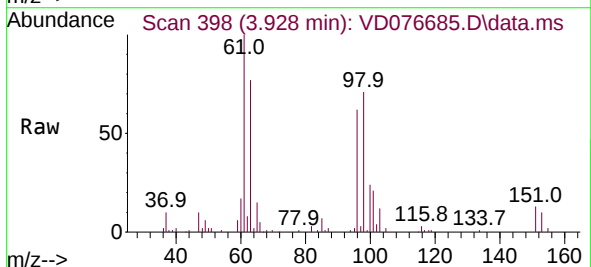
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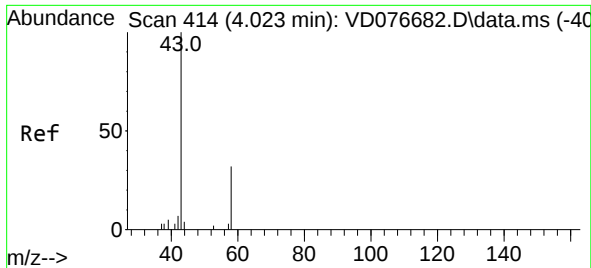
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#12
1,1-Dichloroethene
Concen: 22.841 ug/L
RT: 3.928 min Scan# 398
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Tgt Ion: 96 Resp: 70661
Ion Ratio Lower Upper
96 100
61 162.0 113.0 209.8
63 124.3 83.6 155.2





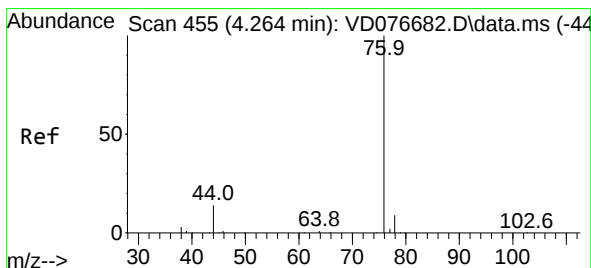
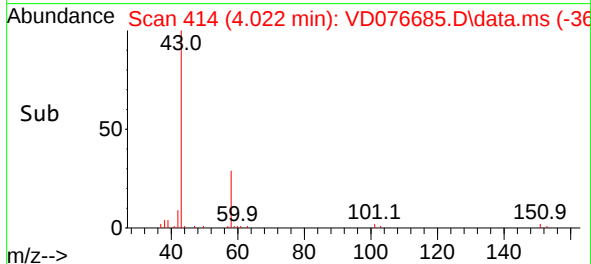
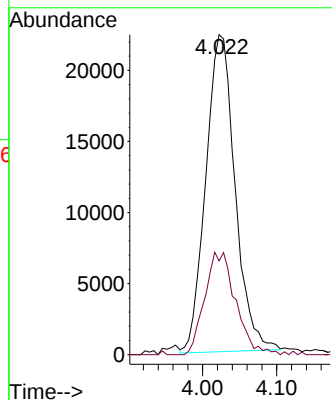
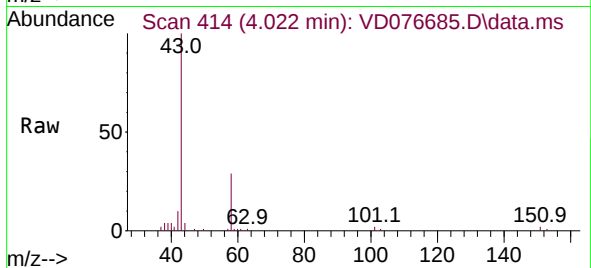
#13
Acetone
Concen: 86.405 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

Tgt Ion: 43 Resp: 6135
Ion Ratio Lower Upper
43 100
58 34.1 0.0 67.4

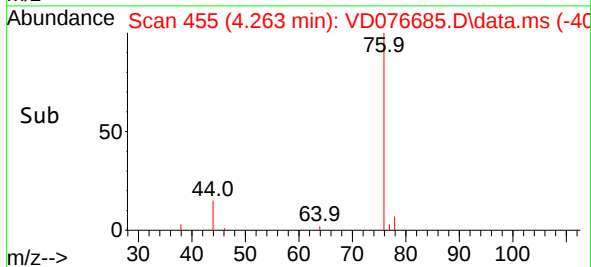
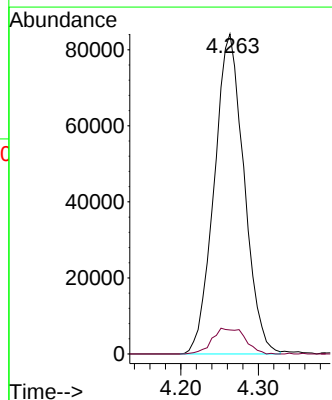
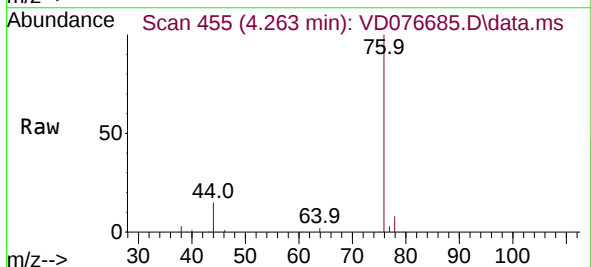
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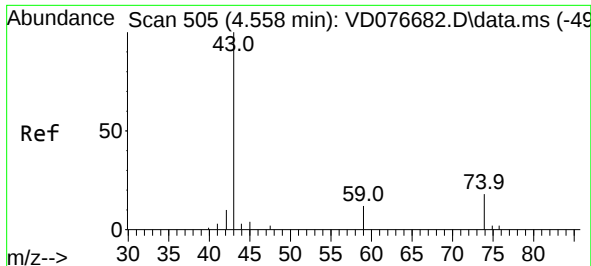
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#14
Carbon disulfide
Concen: 20.082 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Tgt Ion: 76 Resp: 225192
Ion Ratio Lower Upper
76 100
78 7.5 7.0 10.4





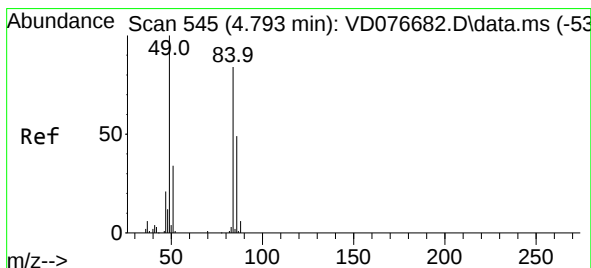
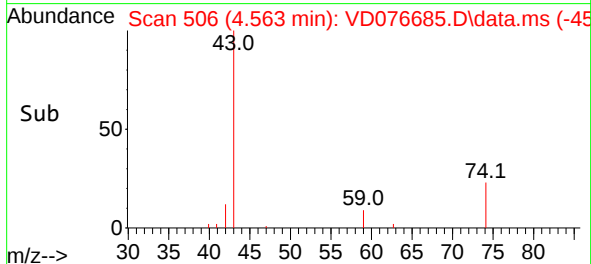
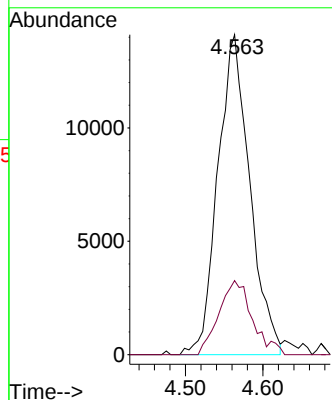
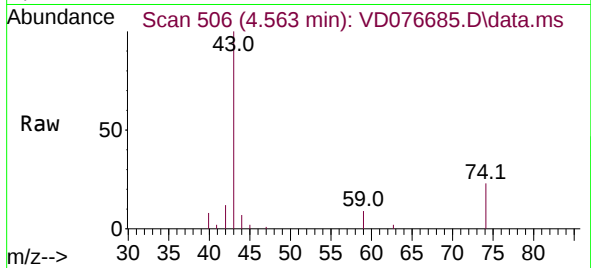
#15
Methyl Acetate
Concen: 24.989 ug/L
RT: 4.563 min Scan# 505
Delta R.T. 0.006 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

Tgt Ion: 43 Resp: 40500
Ion Ratio Lower Upper
43 100
74 22.9 18.2 27.2

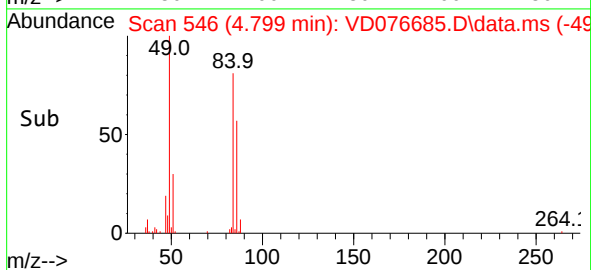
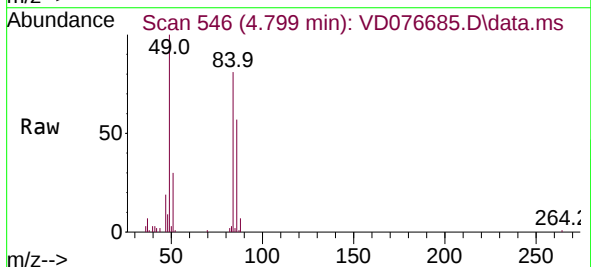
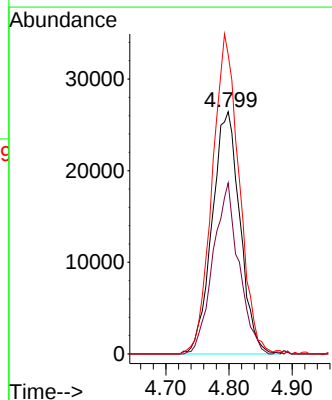
Manual Integrations
APPROVED

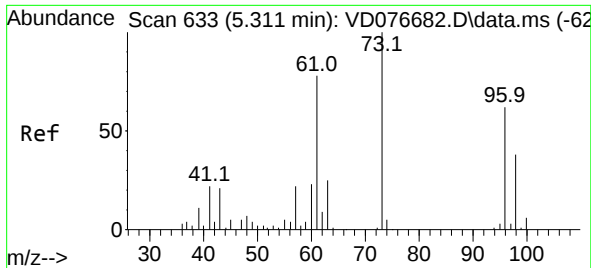
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#16
Methylene chloride
Concen: 19.554 ug/L
RT: 4.799 min Scan# 546
Delta R.T. 0.012 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Tgt Ion: 84 Resp: 81013
Ion Ratio Lower Upper
84 100
86 70.6 45.1 83.9
49 123.5 97.2 180.6





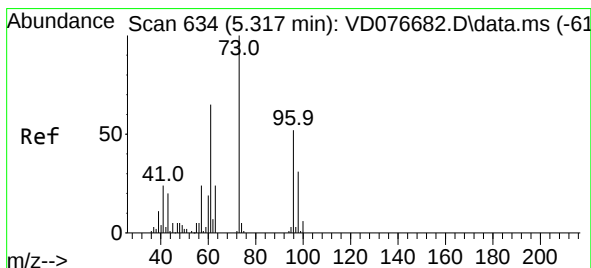
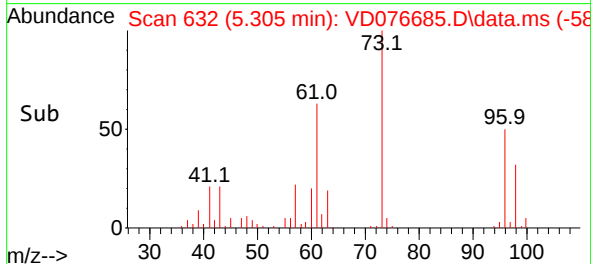
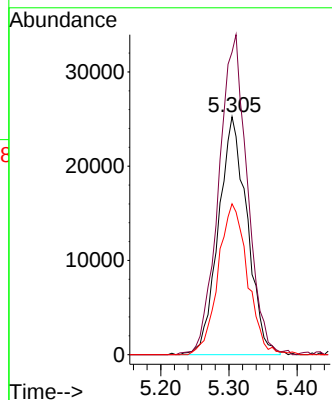
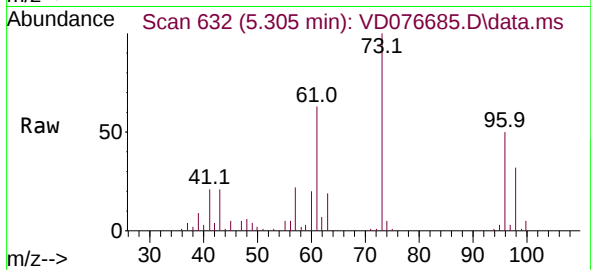
#17
trans-1,2-Dichloroethene
Concen: 21.425 ug/L
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

Tgt Ion: 96 Resp: 7389
Ion Ratio Lower Upper
96 100
61 127.1 94.5 175.5
98 63.4 46.0 85.4

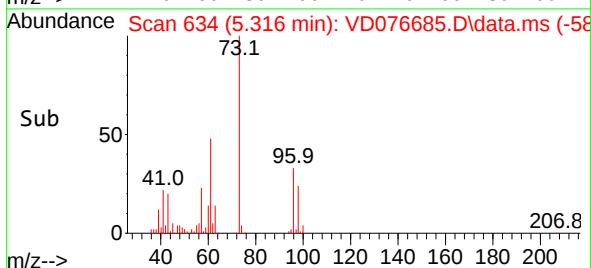
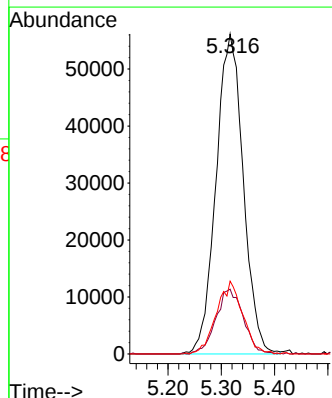
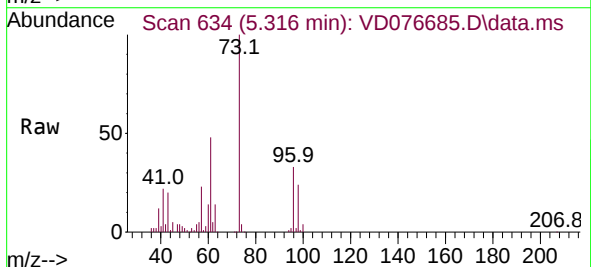
Manual Integrations
APPROVED

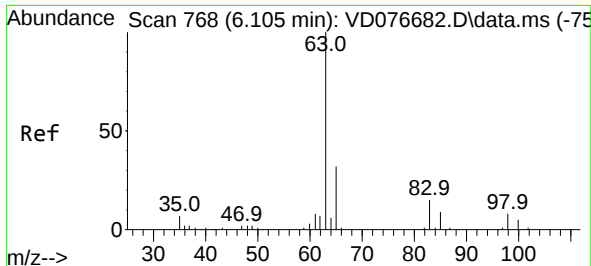
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#18
Methyl tert-butyl Ether
Concen: 25.371 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Tgt Ion: 73 Resp: 199211
Ion Ratio Lower Upper
73 100
43 20.4 7.2 10.8#
57 11.7 18.6 28.0#





#19

1,1-Dichloroethane

Concen: 21.813 ug/L

RT: 6.110 min Scan# 7

Delta R.T. 0.006 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MSD

Tgt Ion: 63 Resp: 137544

Ion Ratio Lower Upper

63 100

65 27.5 20.8 38.6

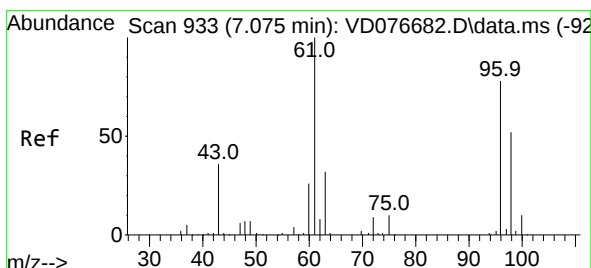
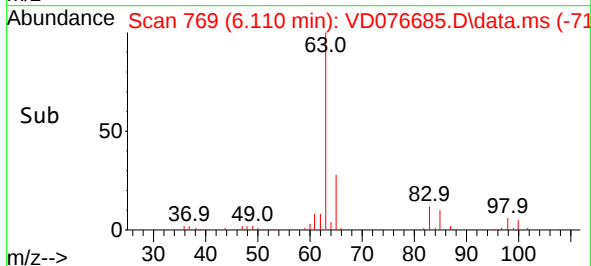
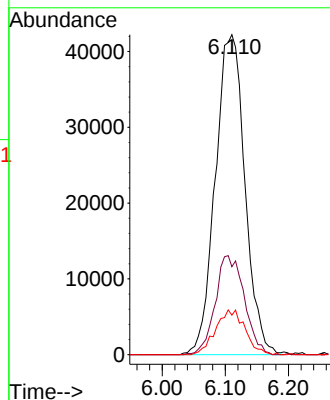
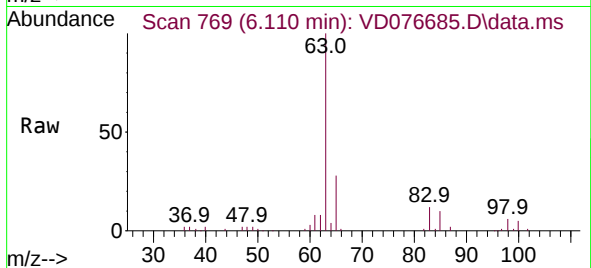
83 12.3 8.9 16.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023

Supervised By :Mahesh Dadoda 07/05/2023



#20

cis-1,2-Dichloroethene

Concen: 21.844 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

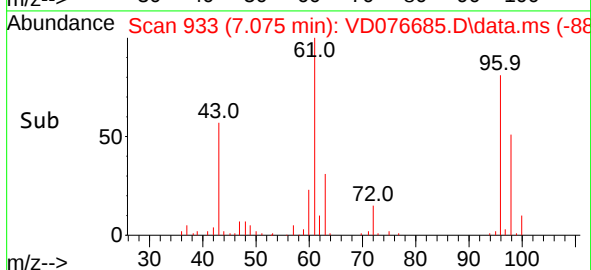
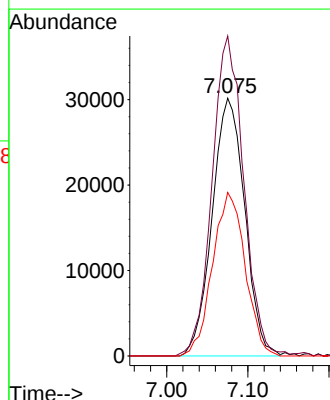
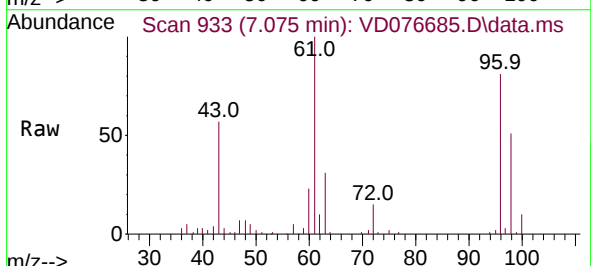
Tgt Ion: 96 Resp: 84139

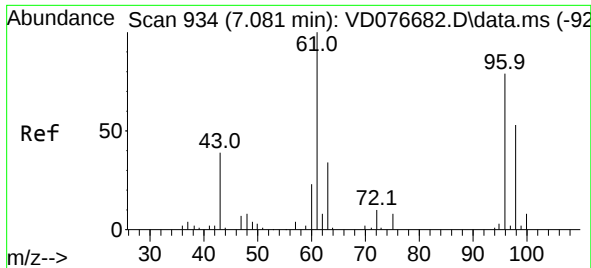
Ion Ratio Lower Upper

96 100

61 124.2 86.0 159.6

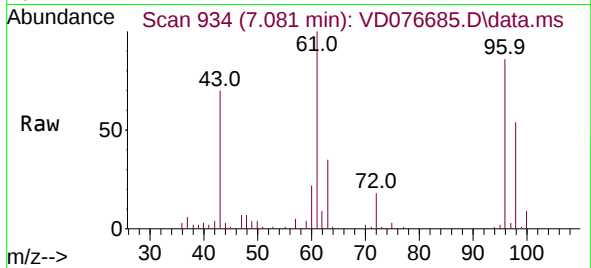
98 63.5 42.2 78.4





#22
2-Butanone
Concen: 57.057 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

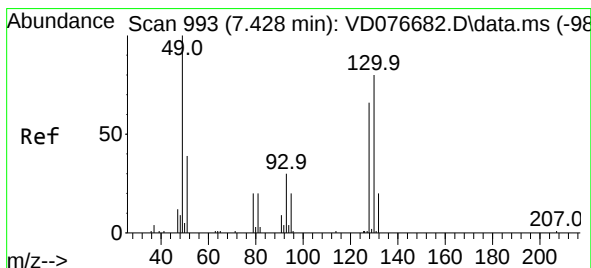
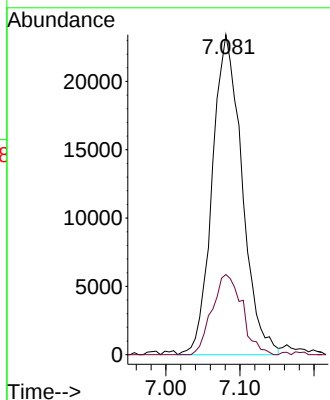
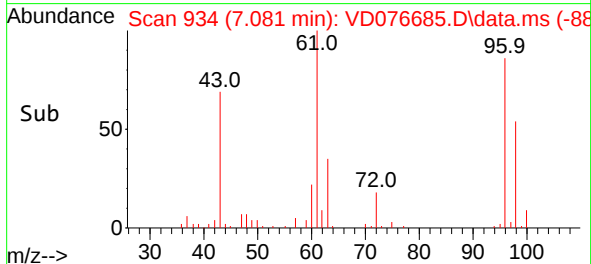
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD



Tgt Ion: 43 Resp: 6538
Ion Ratio Lower Upper
43 100
72 24.3 12.9 38.7

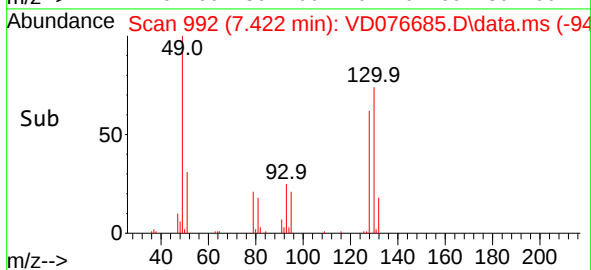
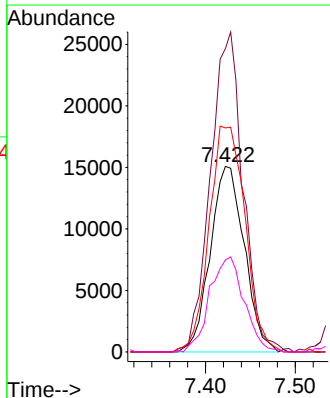
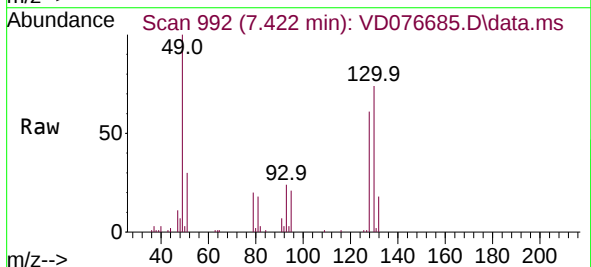
Manual Integrations
APPROVED

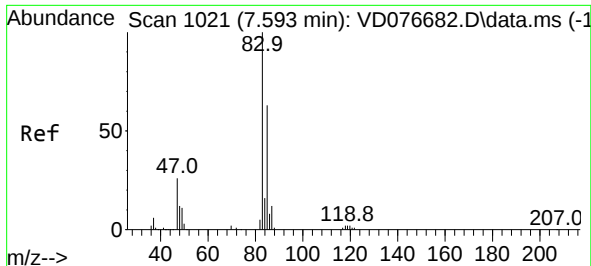
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#23
Bromochloromethane
Concen: 24.285 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

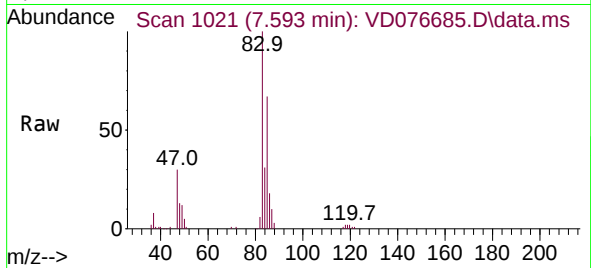
Tgt Ion:128 Resp: 39700
Ion Ratio Lower Upper
128 100
49 163.5 124.7 231.7
130 120.7 80.0 148.6
51 49.6 42.7 64.1





#25
Chloroform
Concen: 22.868 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

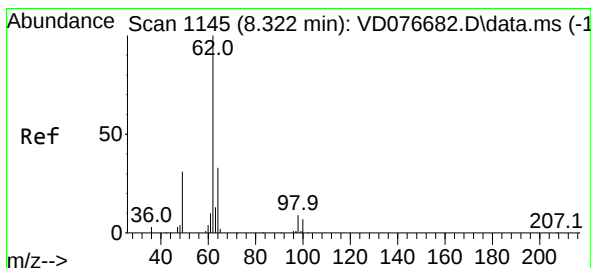
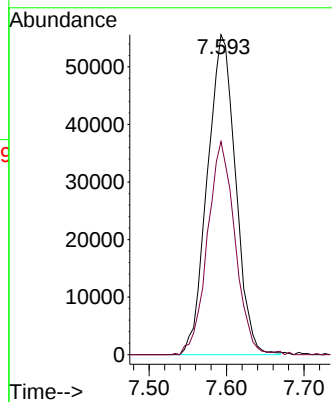
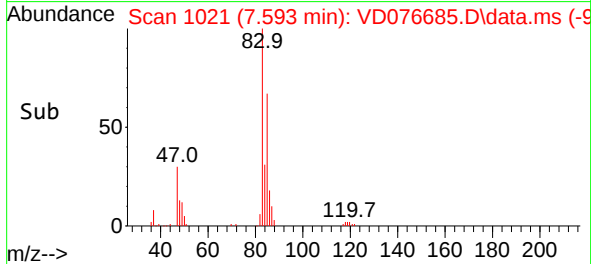
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD



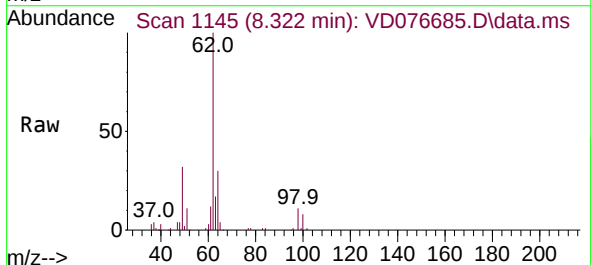
Tgt Ion: 83 Resp: 140720
Ion Ratio Lower Upper
83 100
85 66.6 45.4 84.4

Manual Integrations
APPROVED

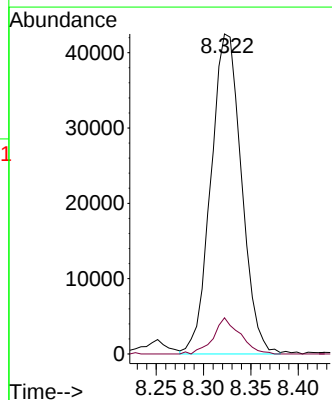
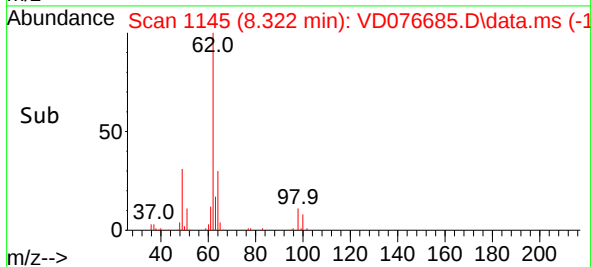
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023

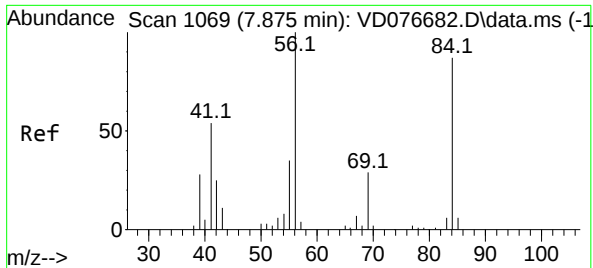


#27
1,2-Dichloroethane
Concen: 25.221 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56



Tgt Ion: 62 Resp: 95445
Ion Ratio Lower Upper
62 100
98 11.3 8.7 13.1





#29

Cyclohexane

Concen: 16.869 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

Instrument :

MSVOA_D

ClientSampleId :

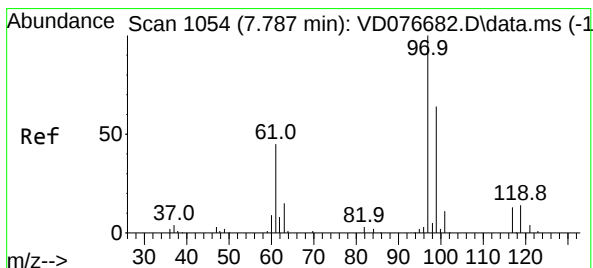
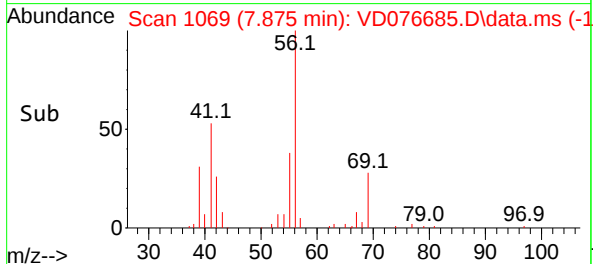
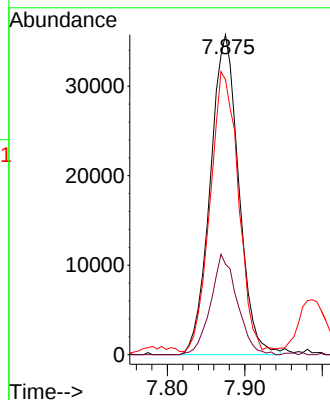
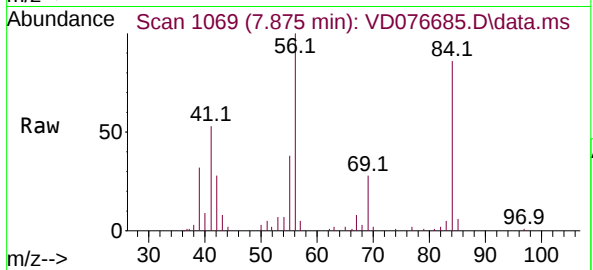
A46Q1MSD

Tgt Ion: 56	Resp: 91299
Ion Ratio	Lower Upper
56	100
69	29.2 23.4 35.0
84	88.0 66.3 99.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#30

1,1,1-Trichloroethane

Concen: 24.974 ug/L

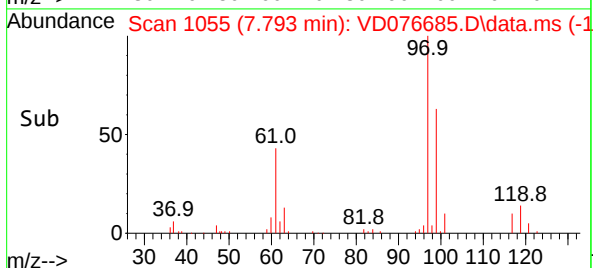
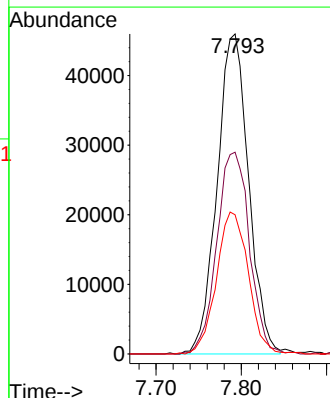
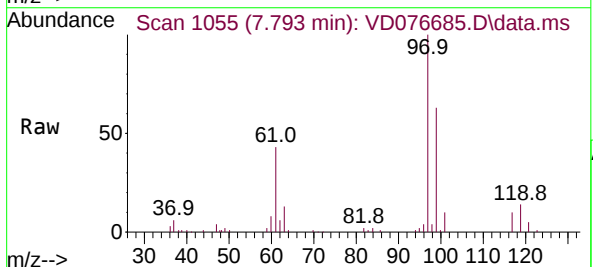
RT: 7.793 min Scan# 1055

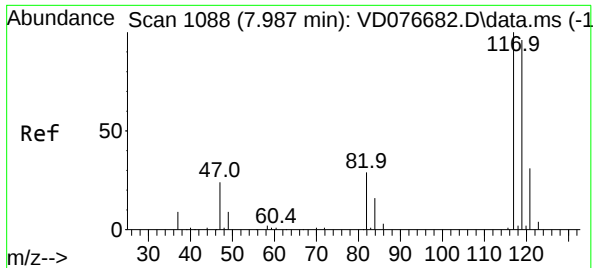
Delta R.T. 0.006 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

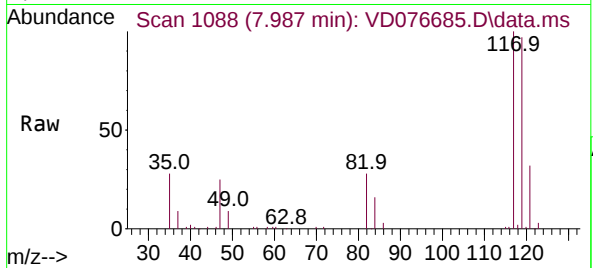
Tgt Ion: 97	Resp: 118081
Ion Ratio	Lower Upper
97	100
99	65.3 51.0 76.6
61	44.8 36.4 54.6





#31
Carbon tetrachloride
Concen: 25.796 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

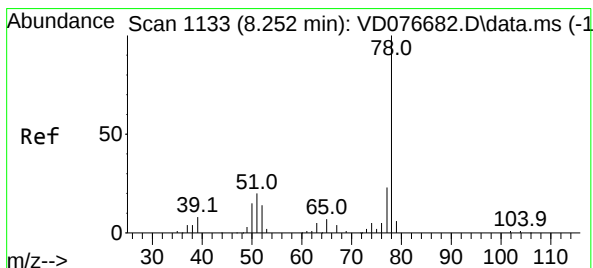
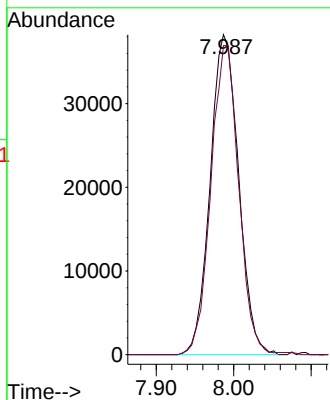
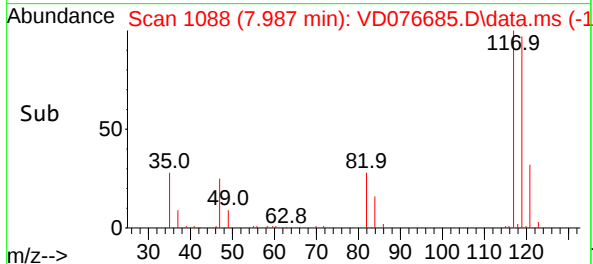
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD



Tgt Ion:117 Resp: 97540
Ion Ratio Lower Upper
117 100
119 94.4 77.8 116.6

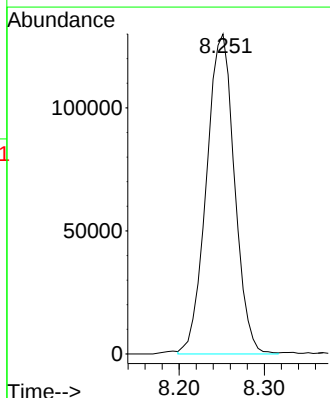
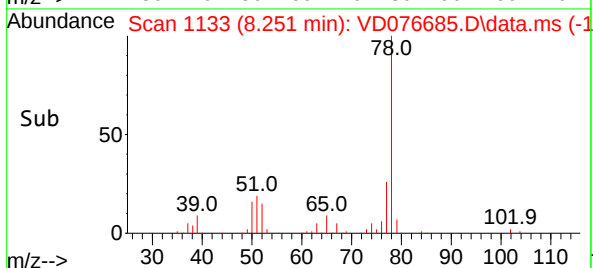
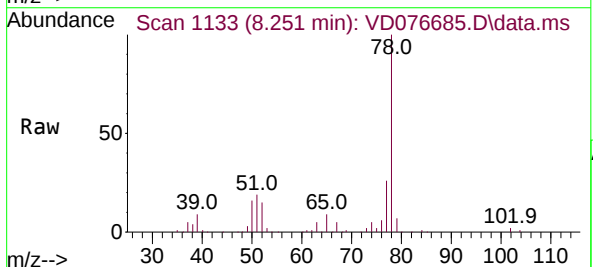
Manual Integrations
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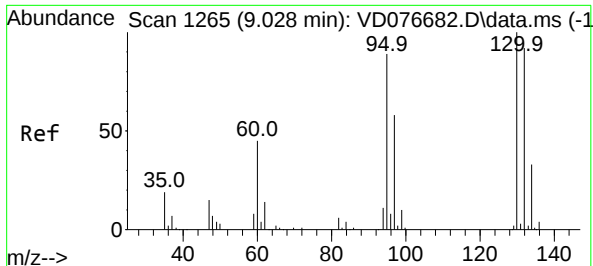
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#33
Benzene
Concen: 22.079 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. 0.006 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Tgt Ion: 78 Resp: 297399





#34

Trichloroethene

Concen: 22.153 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076685.D

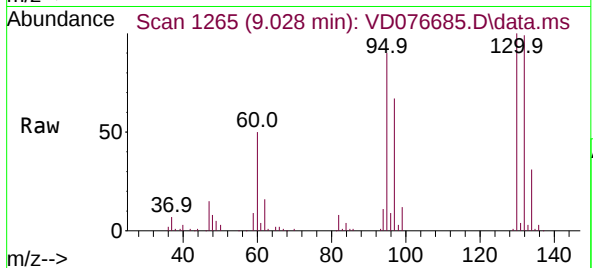
Acq: 03 Jul 2023 11:56

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MSD



Tgt Ion: 95 Resp: 76654

Ion Ratio Lower Upper

95 100

97 74.8 43.1 80.1

132 109.8 71.8 133.4

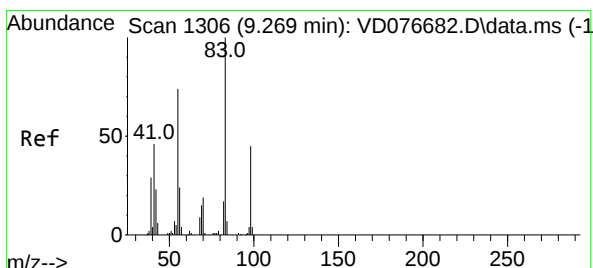
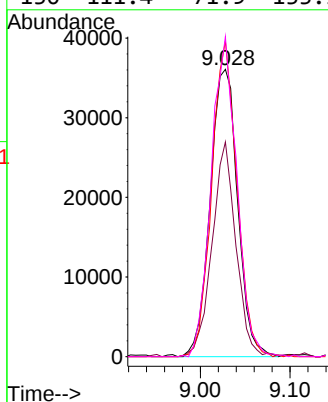
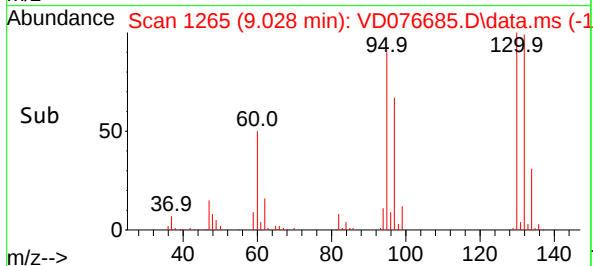
130 111.4 71.9 133.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023

Supervised By :Mahesh Dadoda 07/05/2023



#35

Methylcyclohexane

Concen: 12.340 ug/L

RT: 9.275 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

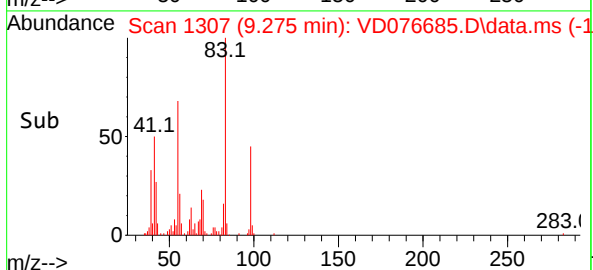
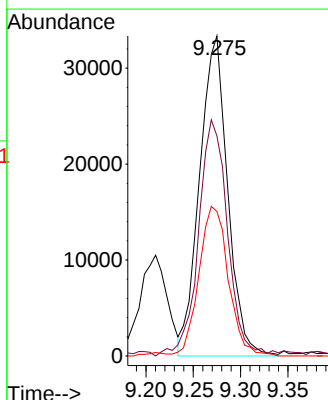
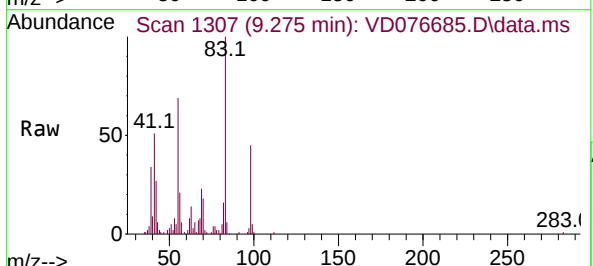
Tgt Ion: 83 Resp: 68855

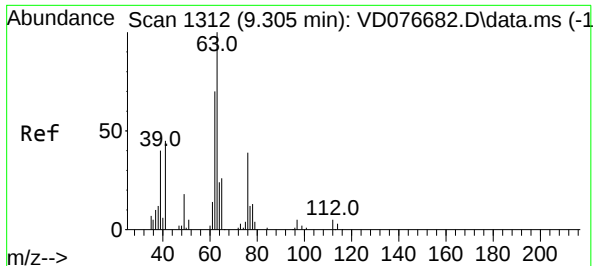
Ion Ratio Lower Upper

83 100

55 76.1 59.8 89.6

98 48.9 37.8 56.6





#37

1,2-Dichloropropane

Concen: 22.414 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MSD

Tgt Ion: 63 Resp: 82314

Ion Ratio Lower Upper

63 100

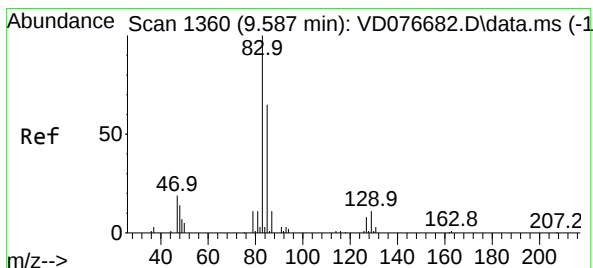
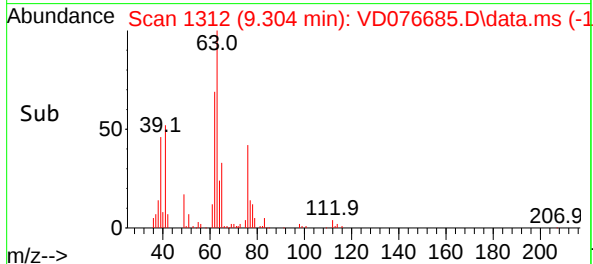
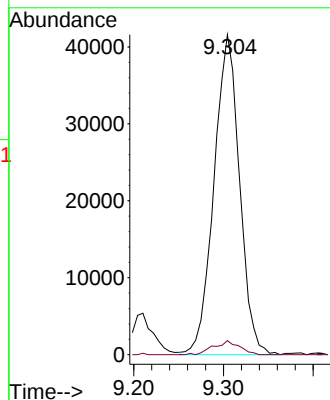
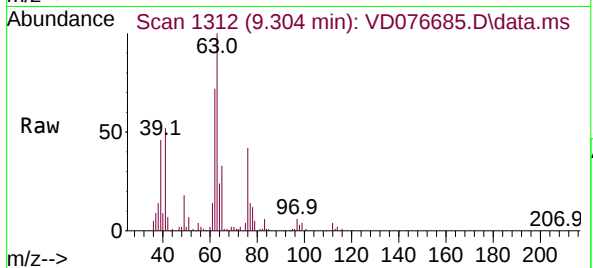
112 3.0 3.1 4.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023

Supervised By :Mahesh Dadoda 07/05/2023



#38

Bromodichloromethane

Concen: 25.377 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

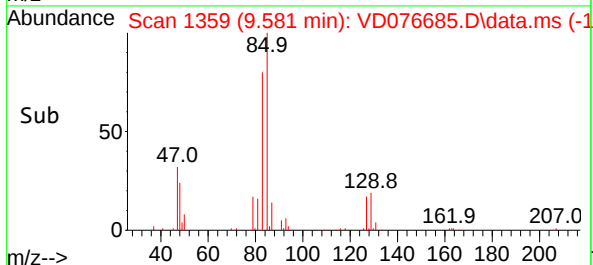
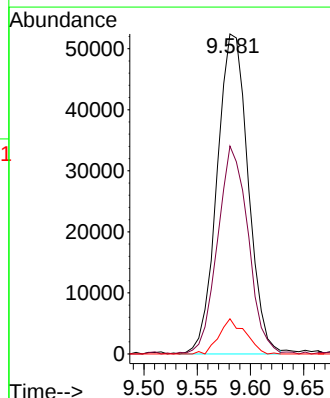
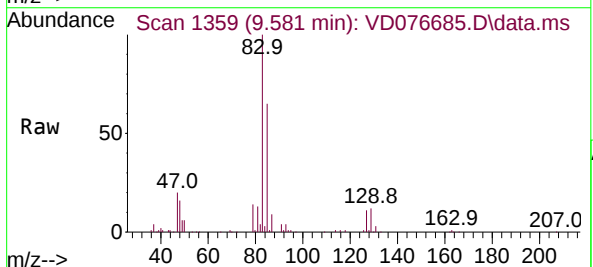
Tgt Ion: 83 Resp: 106293

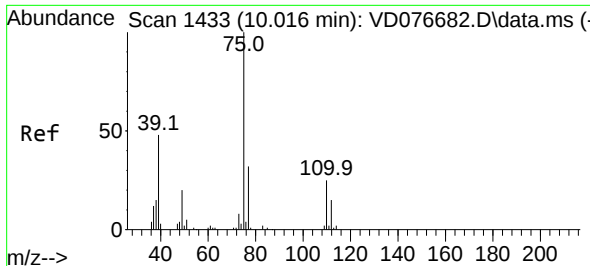
Ion Ratio Lower Upper

83 100

85 65.0 43.9 81.5

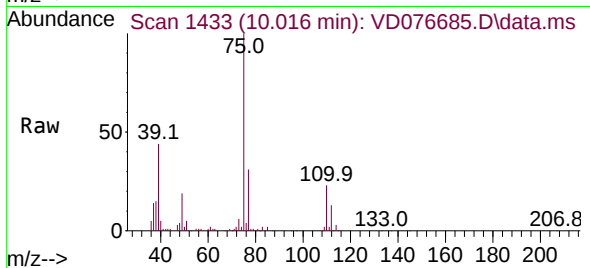
127 11.0 6.6 9.8





#39
cis-1,3-Dichloropropene
Concen: 23.716 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

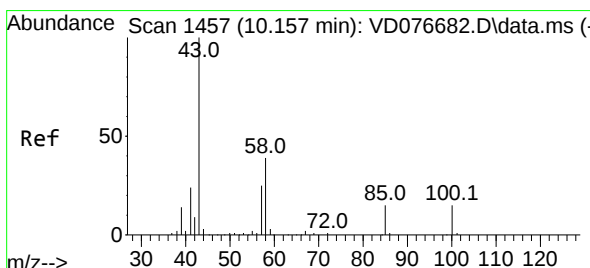
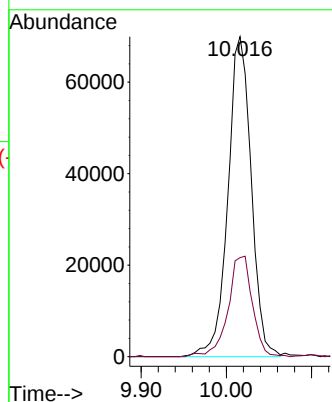
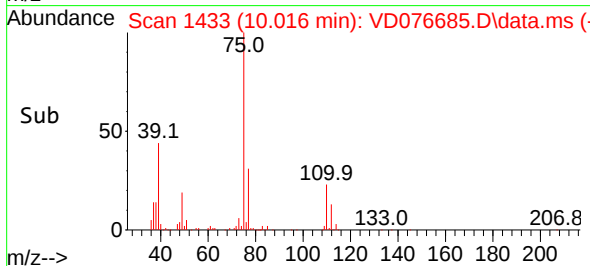
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD



Tgt Ion: 75 Resp: 132990
Ion Ratio Lower Upper
75 100
77 31.0 22.7 42.3

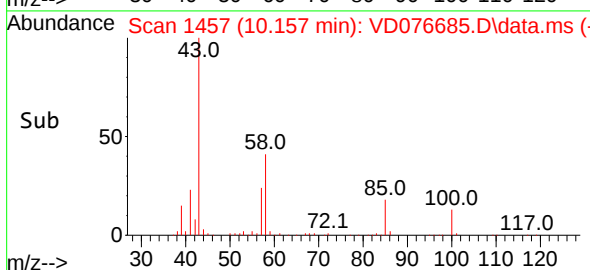
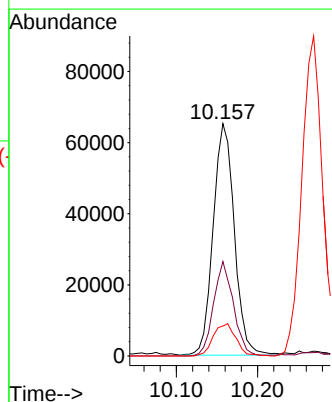
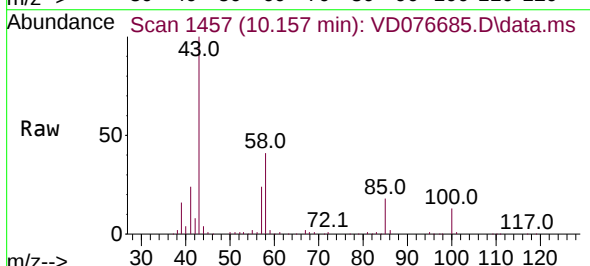
Manual Integrations
APPROVED

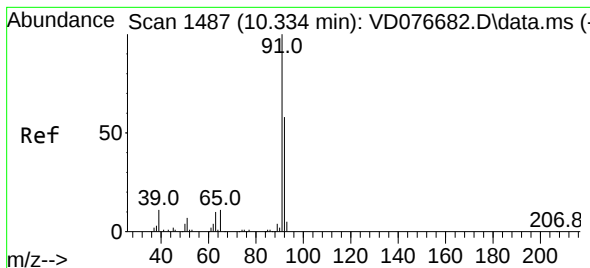
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#40
4-Methyl-2-pentanone
Concen: 51.715 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Tgt Ion: 43 Resp: 118146
Ion Ratio Lower Upper
43 100
58 38.2 30.7 46.1
100 14.9 11.0 16.4





#42

Toluene

Concen: 21.874 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MSD

Tgt Ion: 91 Resp: 31487

Ion Ratio Lower Upper

91 100

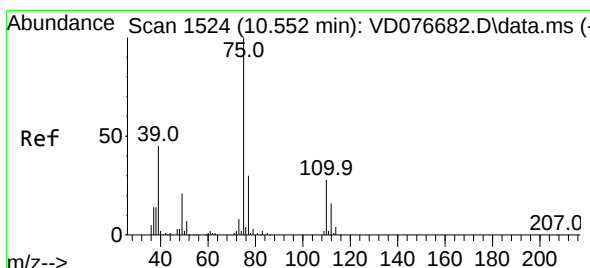
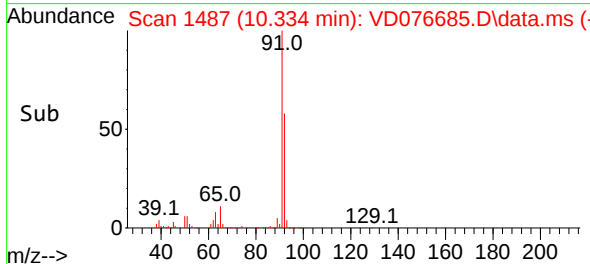
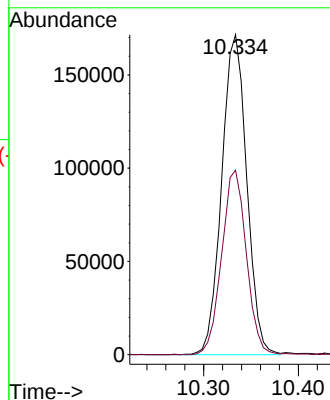
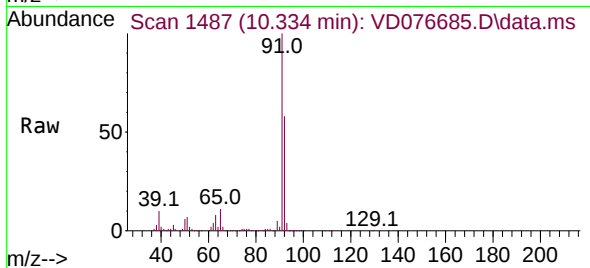
92 57.6 39.3 73.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023

Supervised By :Mahesh Dadoda 07/05/2023



#44

trans-1,3-Dichloropropene

Concen: 25.183 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD076685.D

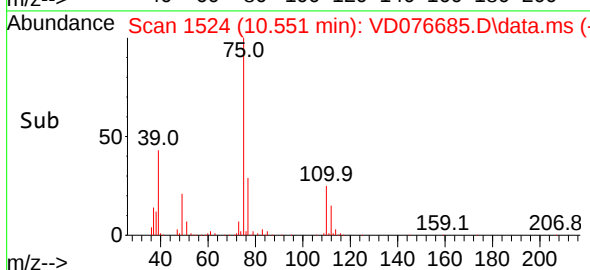
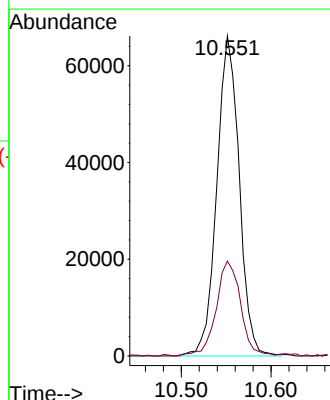
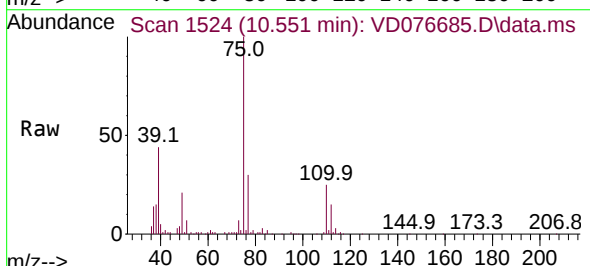
Acq: 03 Jul 2023 11:56

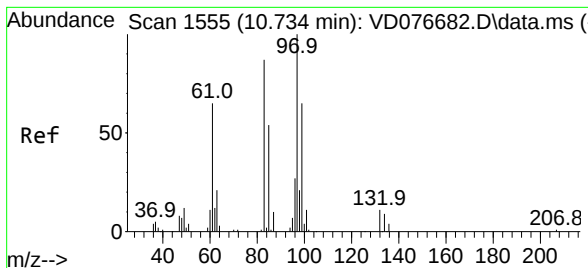
Tgt Ion: 75 Resp: 114786

Ion Ratio Lower Upper

75 100

77 29.6 22.5 41.7





#45

1,1,2-Trichloroethane

Concen: 26.177 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MSD

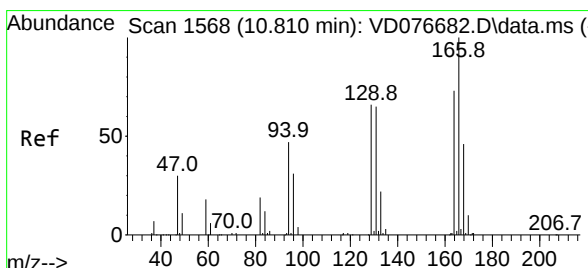
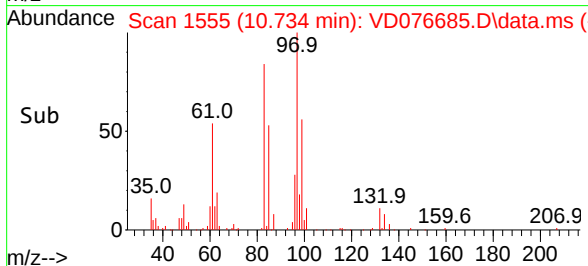
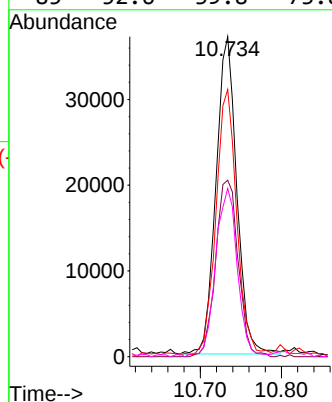
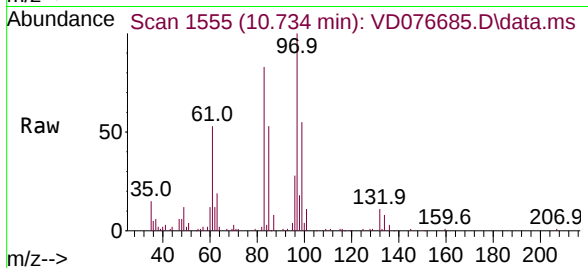
Tgt Ion:	97	Resp:	6593
Ion	Ratio	Lower	Upper
97	100		
99	55.1	41.9	77.9
83	83.5	59.2	110.0
85	52.6	39.8	73.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023

Supervised By :Mahesh Dadoda 07/05/2023



#46

Tetrachloroethene

Concen: 18.989 ug/L

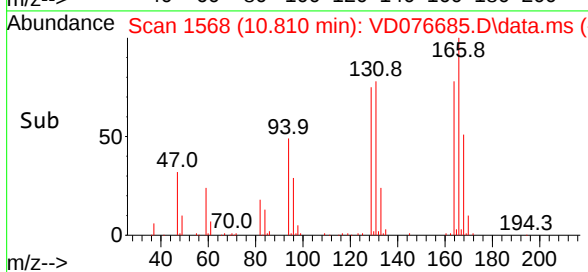
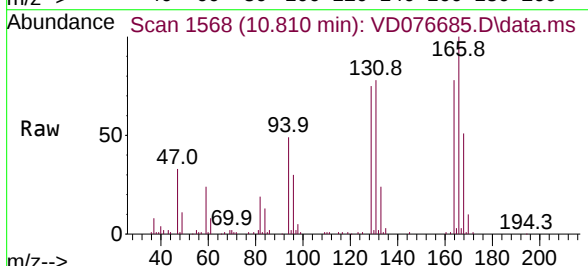
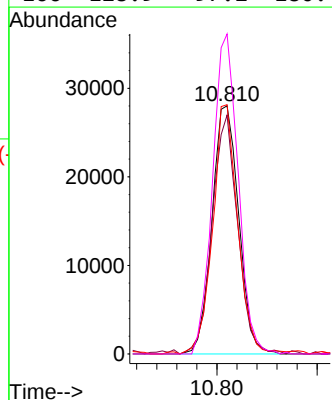
RT: 10.810 min Scan# 1568

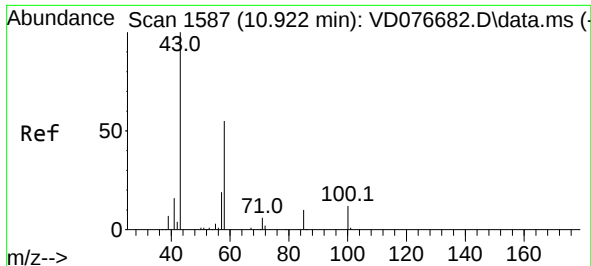
Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

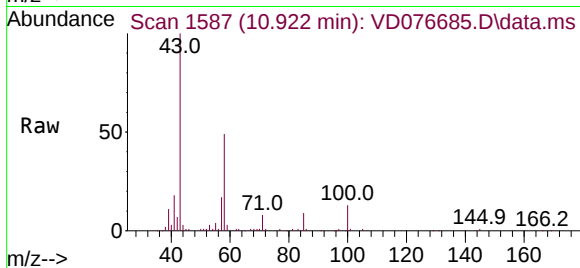
Tgt Ion:	164	Resp:	51655
Ion	Ratio	Lower	Upper
164	100		
129	96.3	65.5	121.6
131	100.4	64.8	120.3
166	128.9	97.2	180.4





#48
2-Hexanone
Concen: 52.193 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

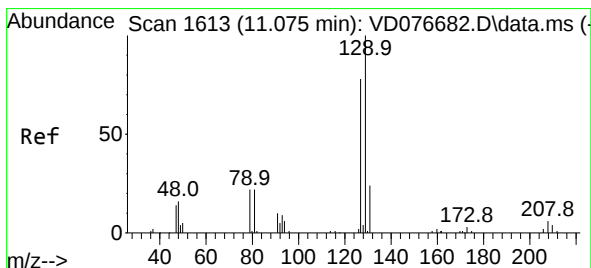
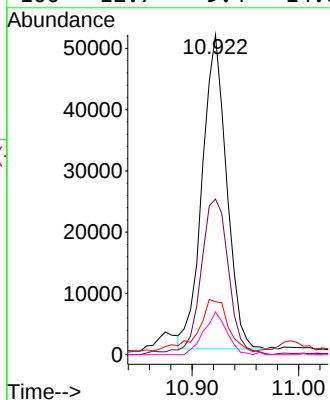
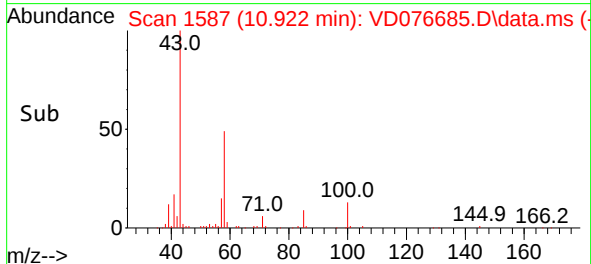
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD



Tgt Ion: 43 Resp: 81664
Ion Ratio Lower Upper
43 100
58 55.8 42.9 64.3
57 18.9 13.7 20.5
100 12.7 9.4 14.0

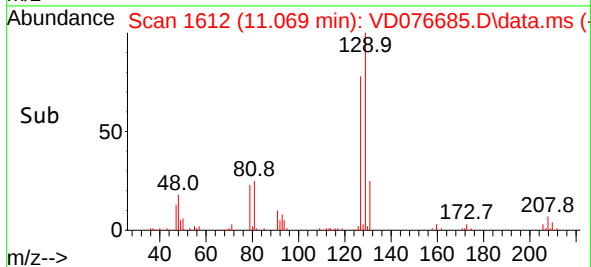
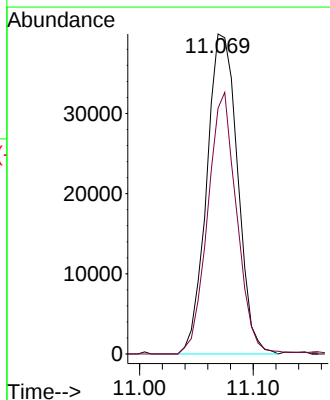
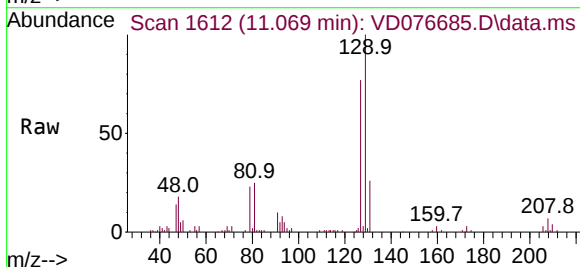
Manual Integrations
APPROVED

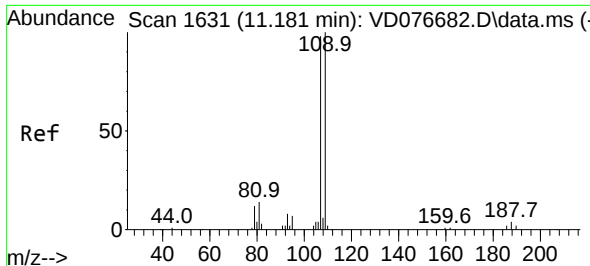
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#49
Dibromochloromethane
Concen: 26.351 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

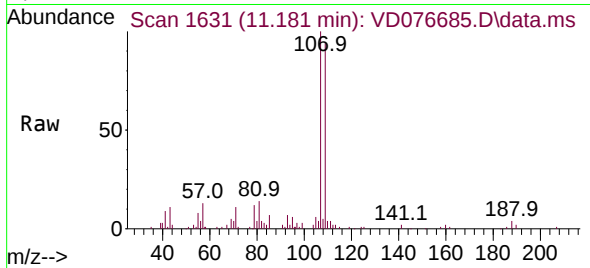
Tgt Ion:129 Resp: 75434
Ion Ratio Lower Upper
129 100
127 76.8 55.2 102.6





#50
1,2-Dibromoethane
Concen: 26.553 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

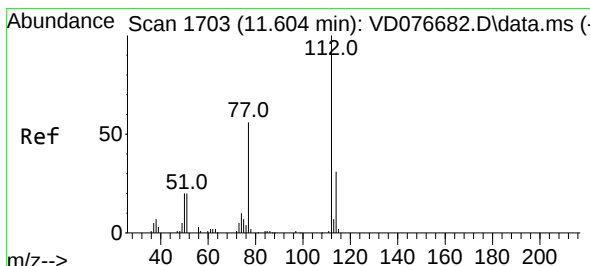
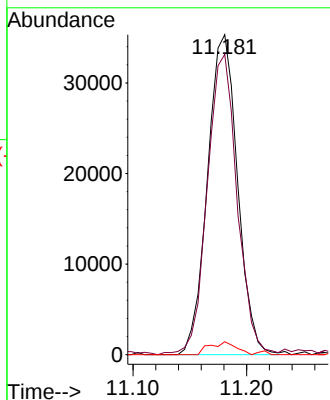
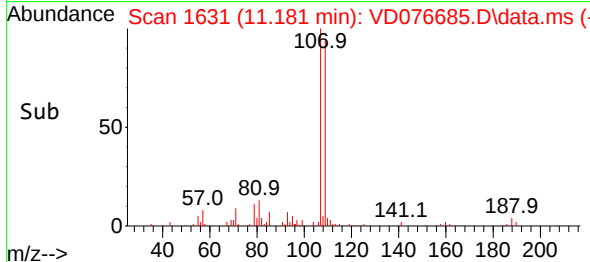
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD



Tgt Ion:107 Resp: 64918
Ion Ratio Lower Upper
107 100
109 93.9 58.8 109.2
188 4.1 2.9 4.3

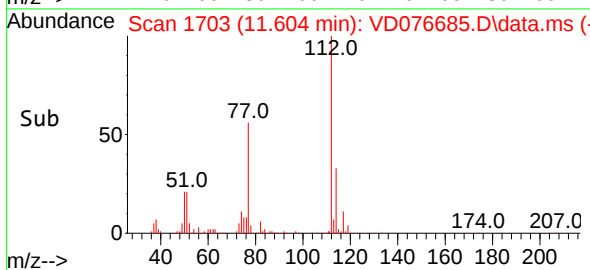
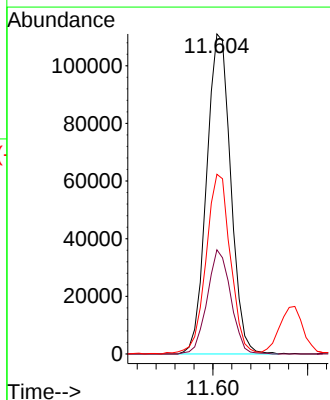
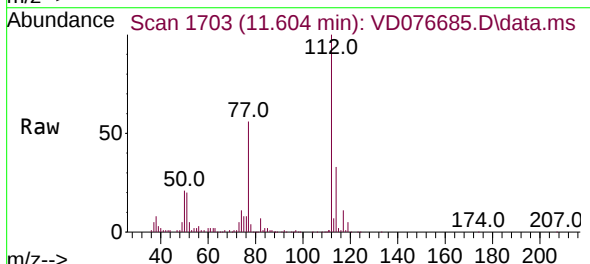
Manual Integrations
APPROVED

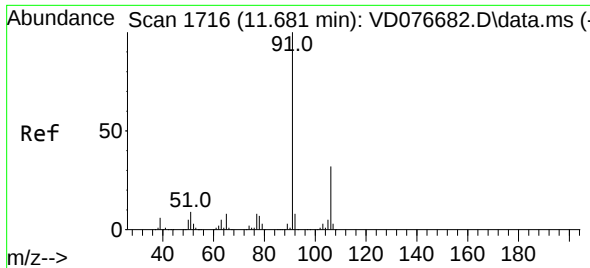
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#51
Chlorobenzene
Concen: 21.822 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

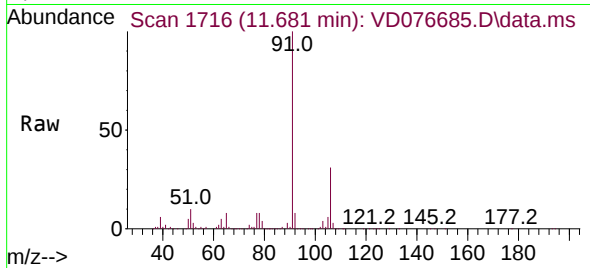
Tgt Ion:112 Resp: 196115
Ion Ratio Lower Upper
112 100
114 32.6 21.5 39.9
77 56.2 43.4 65.2





#52
Ethylbenzene
Concen: 20.514 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

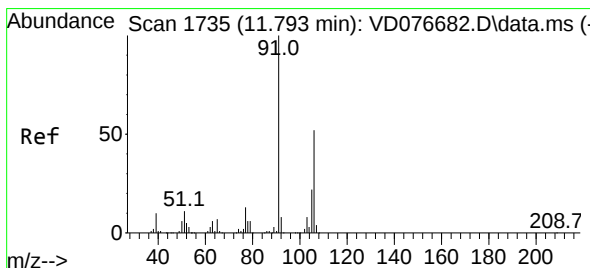
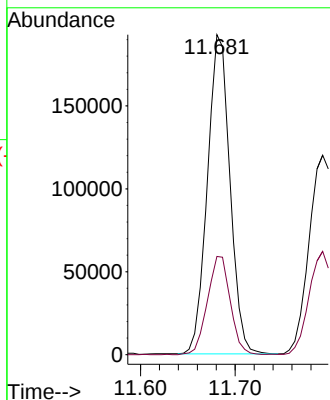
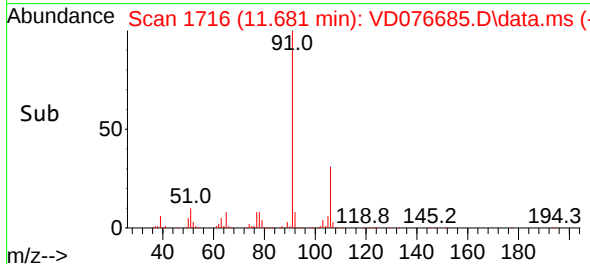
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD



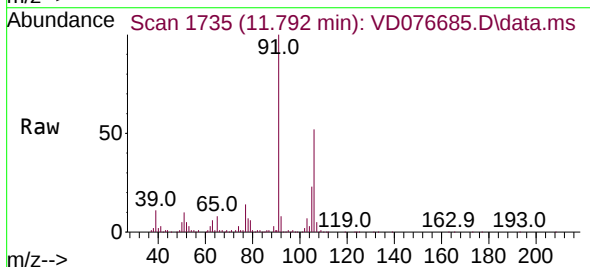
Tgt Ion: 91 Resp: 31828
Ion Ratio Lower Upper
91 100
106 30.7 22.4 41.6

Manual Integrations
APPROVED

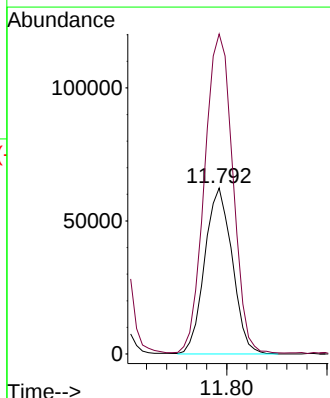
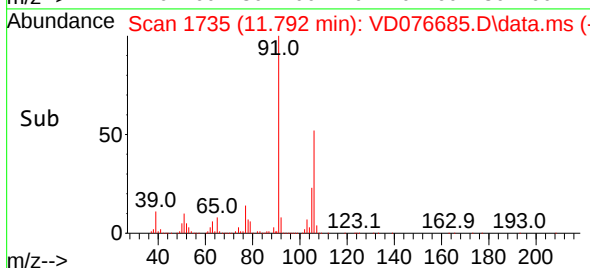
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023

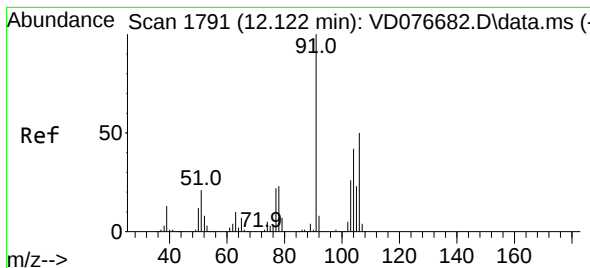


#53
m,p-Xylene
Concen: 19.509 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56



Tgt Ion:106 Resp: 118953
Ion Ratio Lower Upper
106 100
91 192.9 141.5 262.9





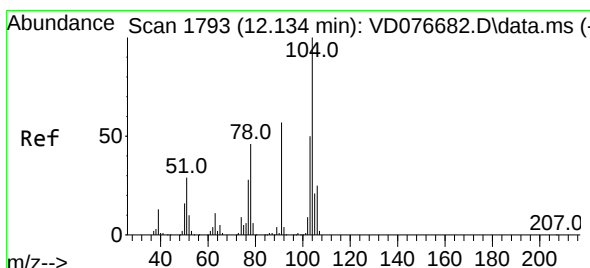
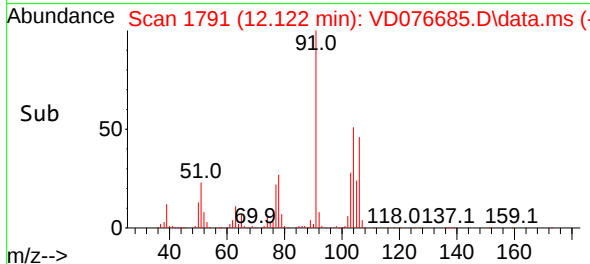
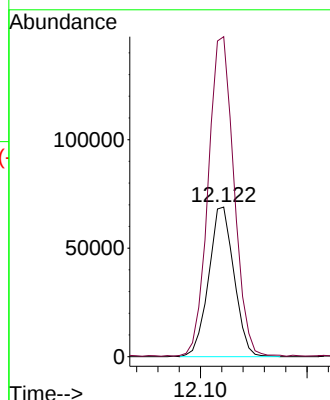
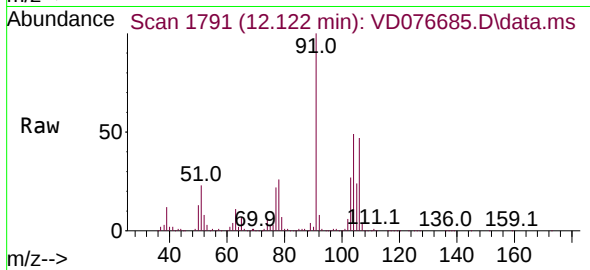
#54
o-Xylene
Concen: 19.620 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

Tgt Ion:106 Resp: 113902
Ion Ratio Lower Upper
106 100
91 213.9 142.2 264.2

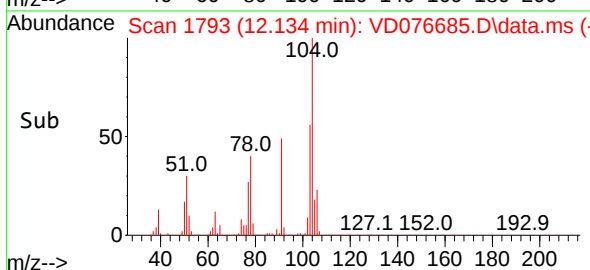
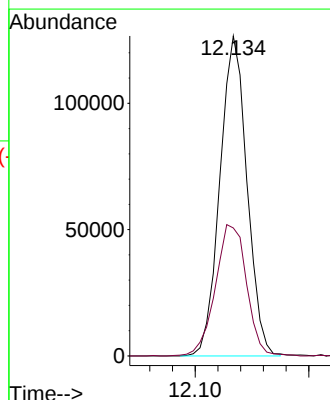
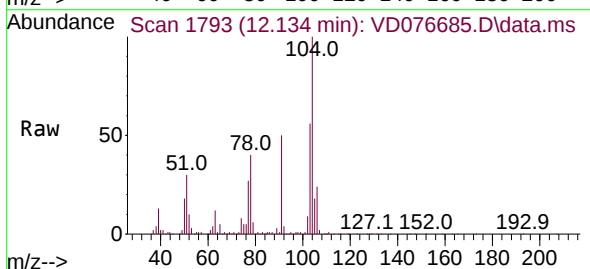
Manual Integrations
APPROVED

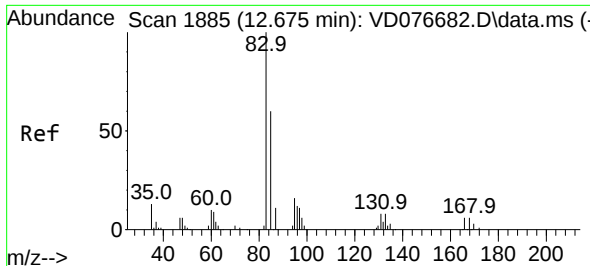
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#55
Styrene
Concen: 20.901 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Tgt Ion:104 Resp: 209640
Ion Ratio Lower Upper
104 100
78 40.0 31.3 58.1





#57

1,1,2,2-Tetrachloroethane

Concen: 26.770 ug/L

RT: 12.669 min Scan# 1885

Delta R.T. -0.006 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

Instrument :

MSVOA_D

ClientSampleId :

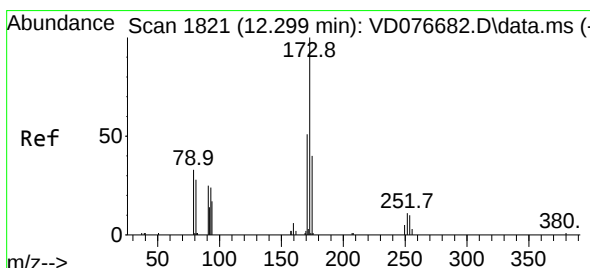
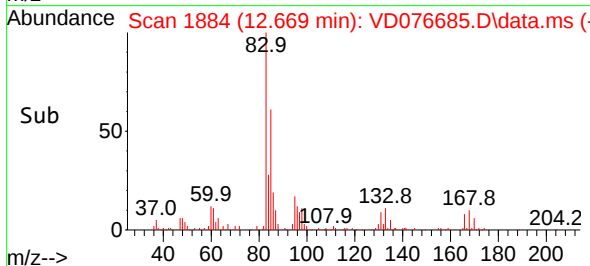
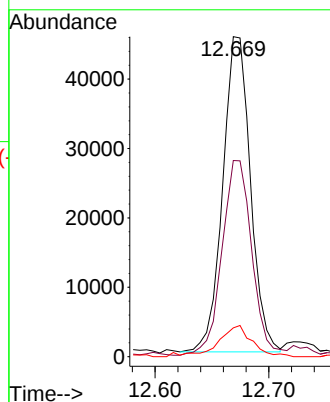
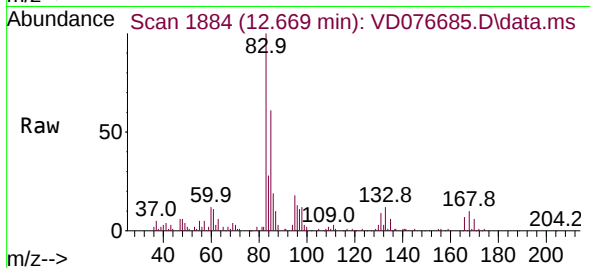
A46Q1MSD

Tgt Ion:	83	Resp:	7706
Ion Ratio	Lower	Upper	
83	100		
85	61.3	46.3	86.1
131	9.0	7.0	10.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#59

Bromoform

Concen: 30.855 ug/L

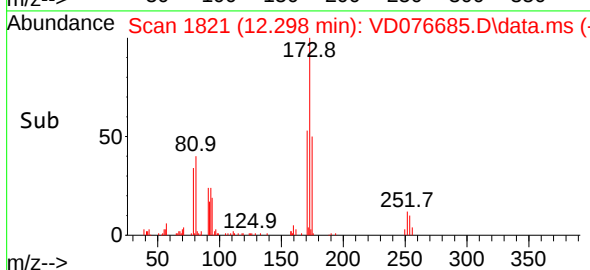
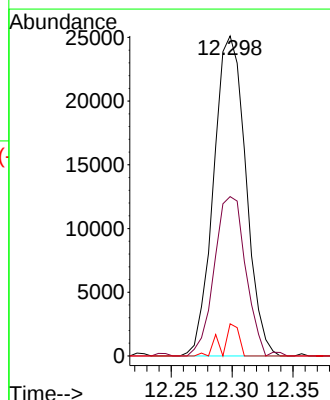
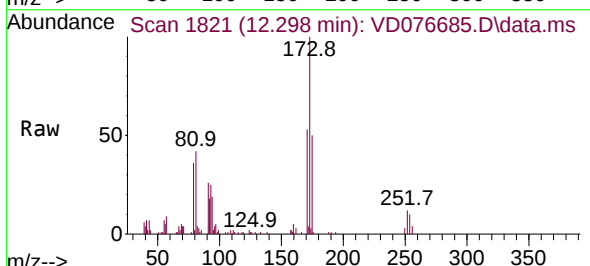
RT: 12.298 min Scan# 1821

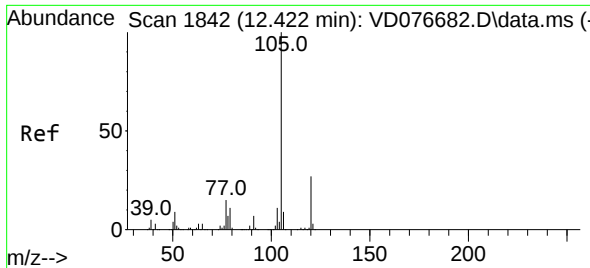
Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

Tgt Ion:	173	Resp:	46177
Ion Ratio	Lower	Upper	
173	100		
175	48.3	39.0	58.4
254	3.6	5.3	7.9





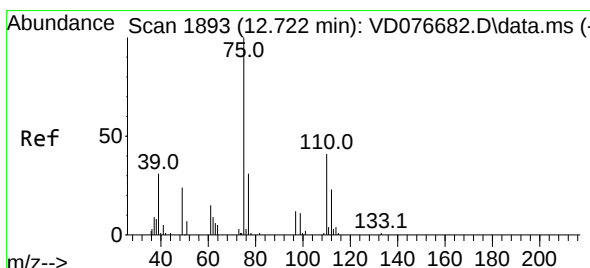
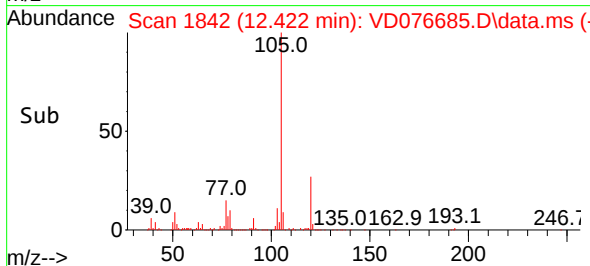
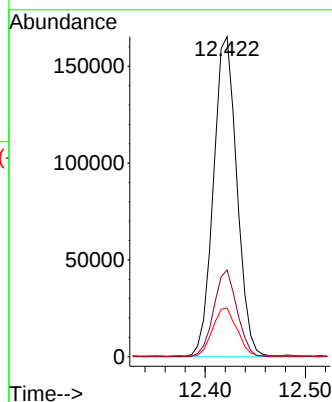
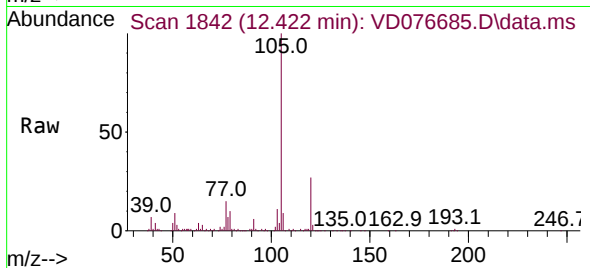
#60
Isopropylbenzene
Concen: 20.990 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD

Tgt Ion:105 Resp: 26839
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.3 12.2 18.4

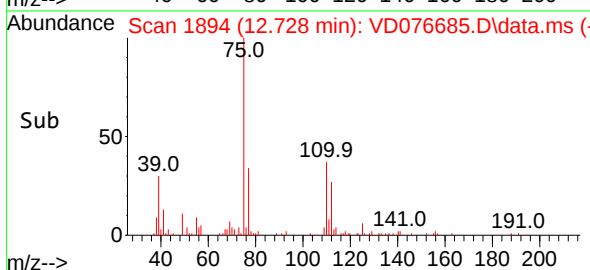
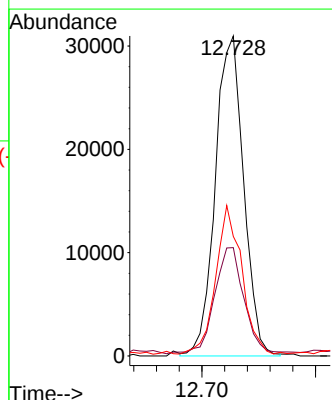
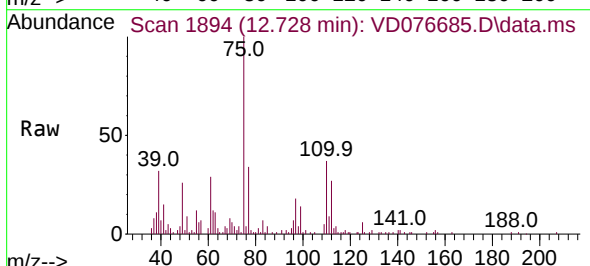
Manual Integrations
APPROVED

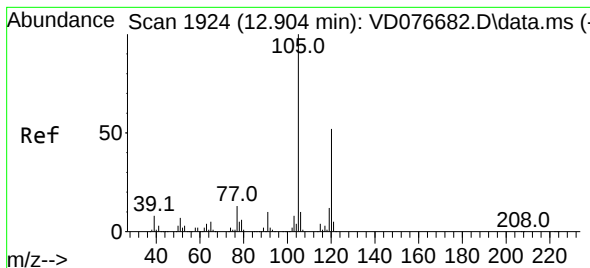
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#61
1,2,3-Trichloropropane
Concen: 33.089 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

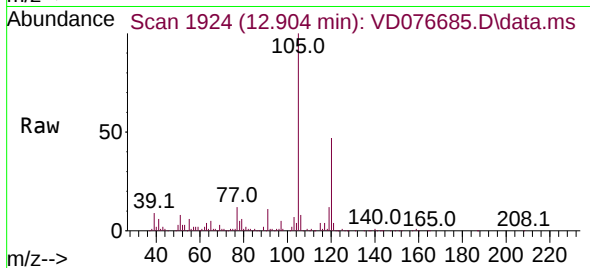
Tgt Ion: 75 Resp: 53685
Ion Ratio Lower Upper
75 100
77 32.8 27.2 40.8
110 42.3 31.8 47.6





#62
1,3,5-Trimethylbenzene
Concen: 19.014 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

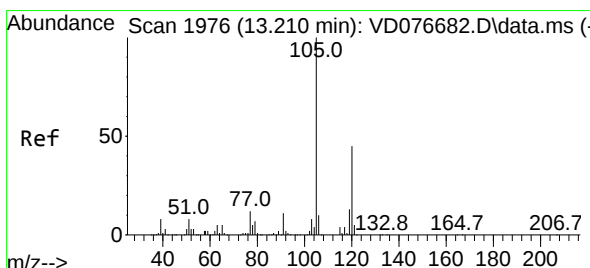
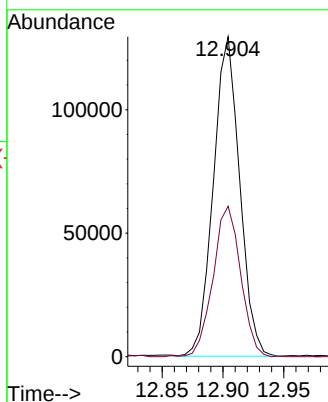
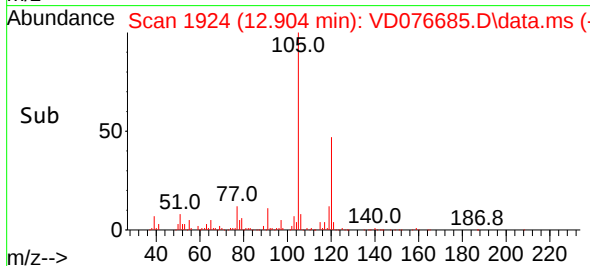
Instrument :
MSVOA_D
ClientSampleId :
A46Q1MSD



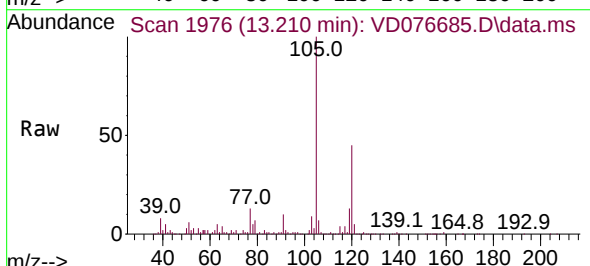
Tgt Ion:105 Resp: 19451
Ion Ratio Lower Upper
105 100
120 49.2 39.8 59.6

Manual Integrations
APPROVED

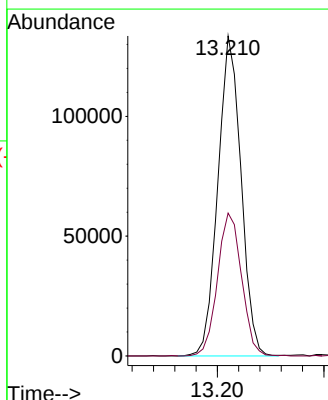
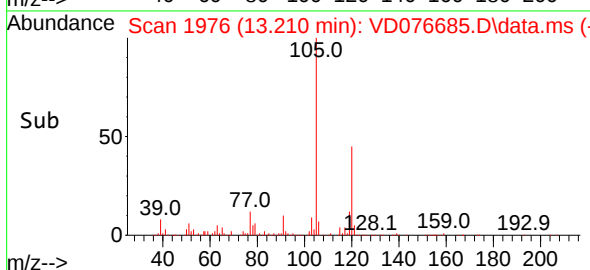
Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023

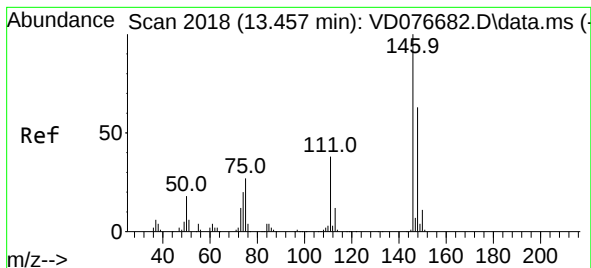


#63
1,2,4-Trimethylbenzene
Concen: 19.937 ug/L
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56



Tgt Ion:105 Resp: 201274
Ion Ratio Lower Upper
105 100
120 46.4 37.5 56.3





#64

1,3-Dichlorobenzene

Concen: 20.601 ug/L

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MSD

Tgt Ion:146 Resp: 117189

Ion Ratio Lower Upper

146 100

111 39.1 25.6 47.4

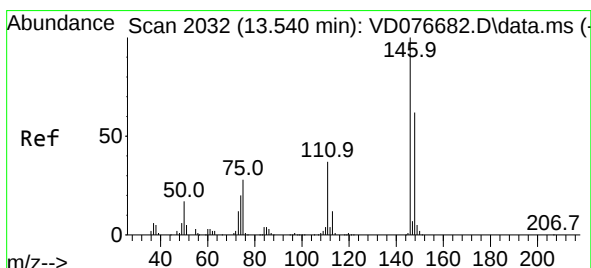
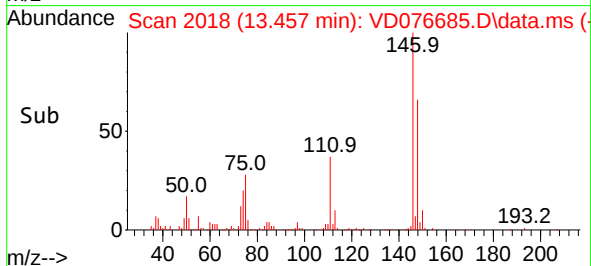
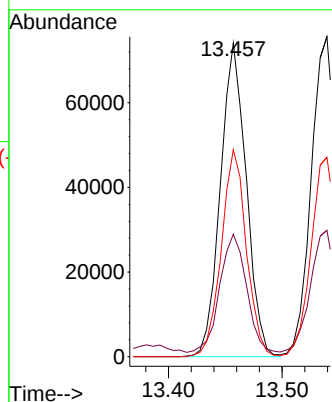
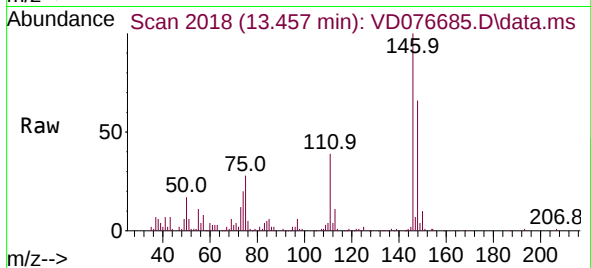
148 66.0 44.3 82.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023

Supervised By :Mahesh Dadoda 07/05/2023



#65

1,4-Dichlorobenzene

Concen: 21.181 ug/L

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

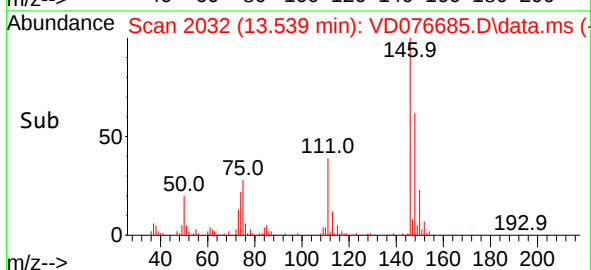
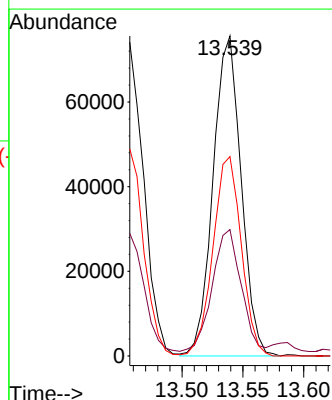
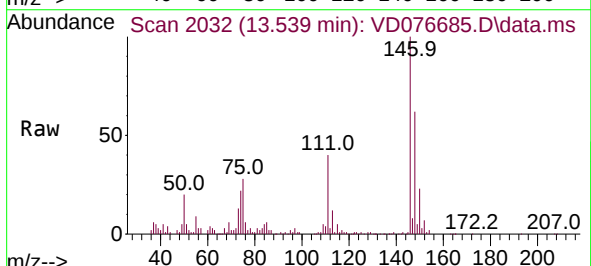
Tgt Ion:146 Resp: 121455

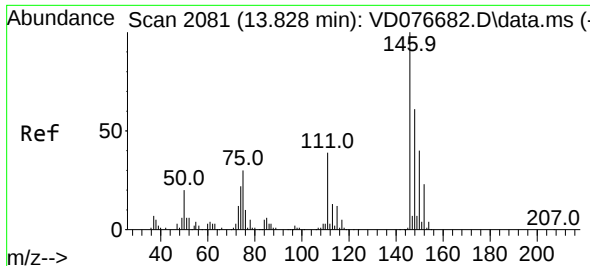
Ion Ratio Lower Upper

146 100

111 39.5 25.7 47.7

148 62.3 45.4 84.2





#67

1,2-Dichlorobenzene

Concen: 21.571 ug/L

RT: 13.834 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

Instrument :

MSVOA_D

ClientSampleId :

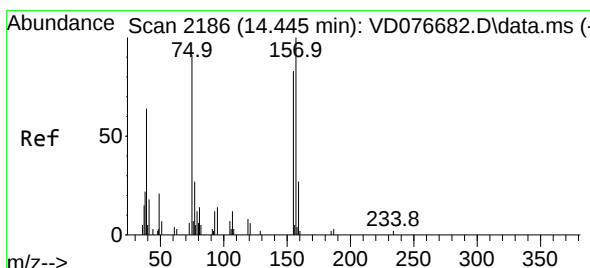
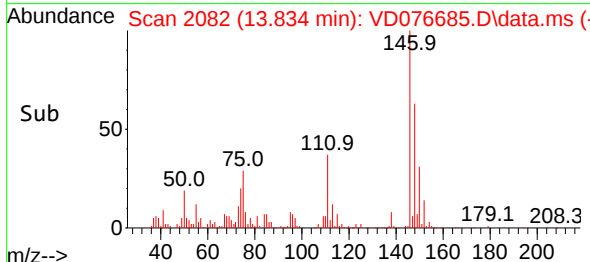
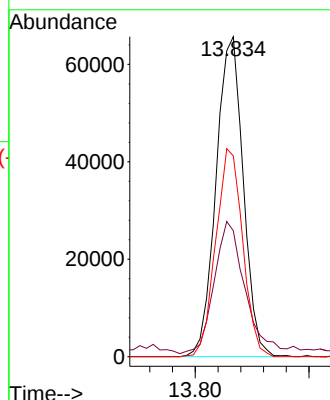
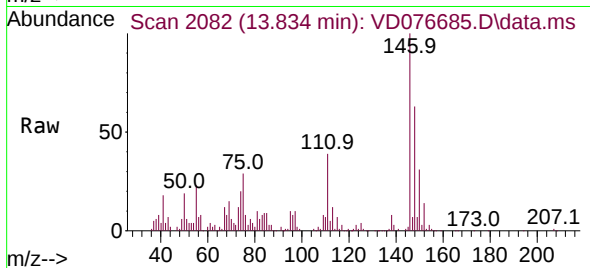
A46Q1MSD

Tgt Ion:	146	Resp:	10931
Ion Ratio	Lower	Upper	
146	100		
111	39.3	31.3	46.9
148	62.8	51.7	77.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#68

1,2-Dibromo-3-chloropropane

Concen: 31.596 ug/L

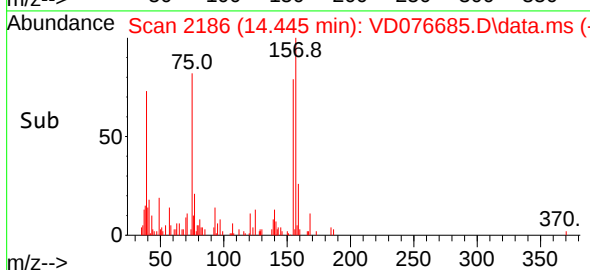
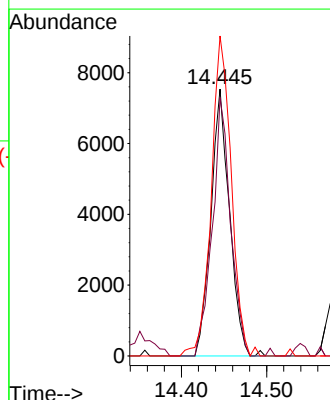
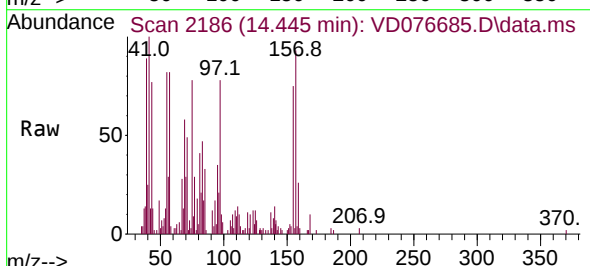
RT: 14.445 min Scan# 2186

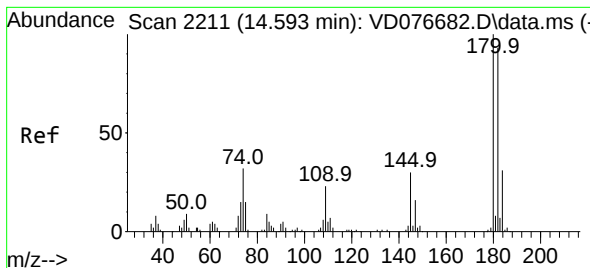
Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

Tgt Ion:	75	Resp:	11424
Ion Ratio	Lower	Upper	
75	100		
155	96.8	76.2	114.4
157	119.9	89.4	134.2





#69

1,3,5-Trichlorobenzene

Concen: 12.942 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

Instrument :

MSVOA_D

ClientSampleId :

A46Q1MSD

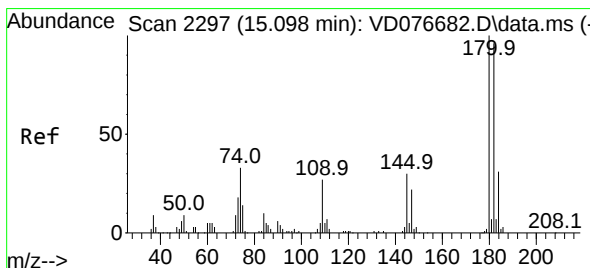
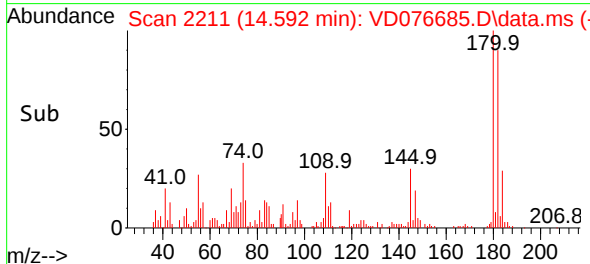
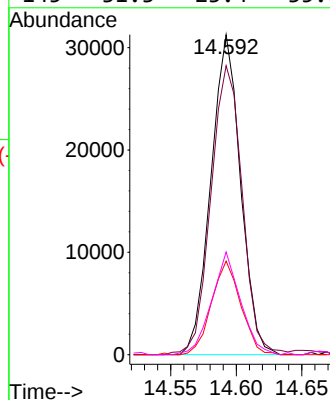
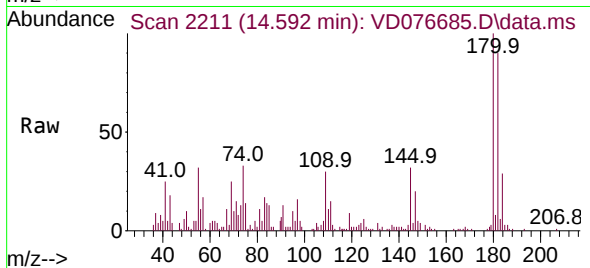
Tgt Ion:	180	Resp:	49100
Ion Ratio	Lower	Upper	
180	100		
182	95.2	77.1	115.7
184	28.7	25.0	37.4
145	31.3	23.4	35.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023

Supervised By :Mahesh Dadoda 07/05/2023



#70

1,2,4-trichlorobenzene

Concen: 13.892 ug/L

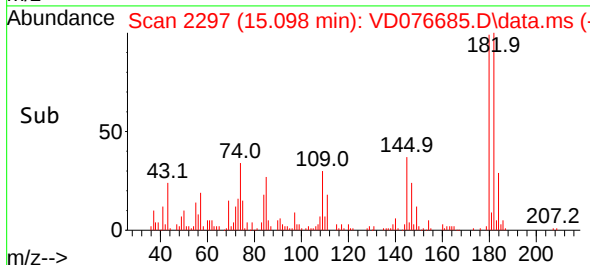
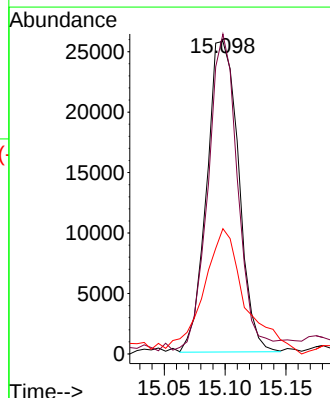
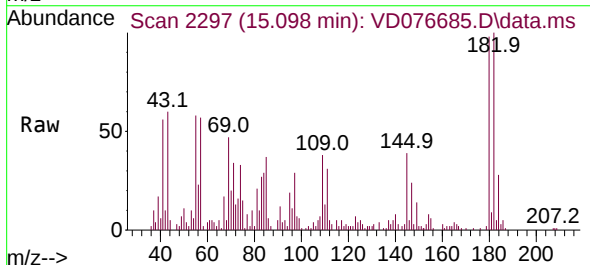
RT: 15.098 min Scan# 2297

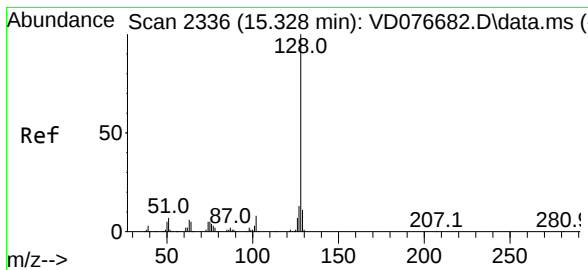
Delta R.T. -0.000 min

Lab File: VD076685.D

Acq: 03 Jul 2023 11:56

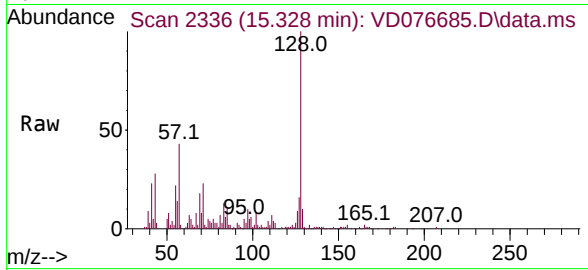
Tgt Ion:	180	Resp:	46902
Ion Ratio	Lower	Upper	
180	100		
182	93.8	76.9	115.3
145	53.1	23.5	35.3





#71
Naphthalene
Concen: 23.023 ug/L
RT: 15.328 min Scan# 2336
Delta R.T. -0.006 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

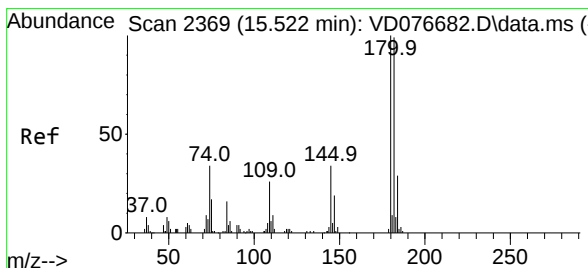
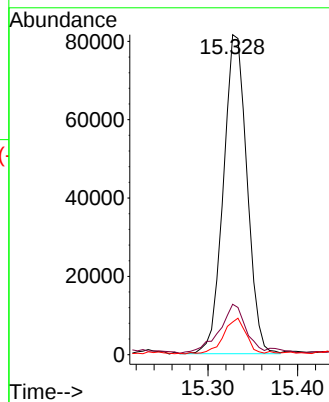
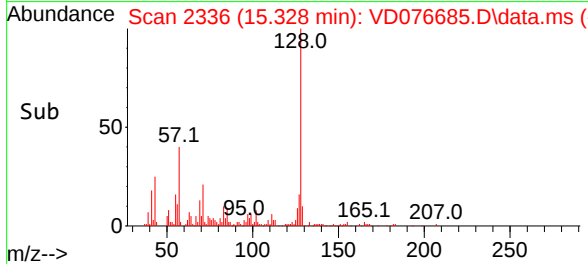
Instrument : MSVOA_D
ClientSampleId : A46Q1MSD



Tgt Ion:128 Resp: 148818
Ion Ratio Lower Upper
128 100
127 17.2 10.8 16.2
129 10.1 8.6 12.8

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2023
Supervised By :Mahesh Dadoda 07/05/2023



#72
1,2,3-Trichlorobenzene
Concen: 13.863 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076685.D
Acq: 03 Jul 2023 11:56

Tgt Ion:180 Resp: 40643
Ion Ratio Lower Upper
180 100
182 94.1 74.3 111.5
145 48.0 25.0 37.6

