

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075951.D
 Acq On : 01 May 2023 20:57
 Operator : KP/SY
 Sample : 02548-42MSD
 Misc : 5.79G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DCCS0MSD

Quant Time: May 02 02:36:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDL042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

05/02/2023
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	310564	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	290226	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	146164	25.000	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.269	65	153401	22.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.080%
7) Chloroethane-d5	2.793	69	134584	22.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	3.916	65	34110	21.716	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.880%
21) 2-Butanone-d5	6.987	46	38334	64.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.620%
24) Chloroform-d	7.563	84	182648	23.518	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	8.228	65	84758	25.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.240%
32) Benzene-d6	8.199	84	376788	22.274	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.080%
36) 1,2-Dichloropropane-d6	9.204	67	112910	24.115	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	10.269	98	351989	22.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.920%
43) trans-1,3-Dichloroprop...	10.522	79	46190	23.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.881	63	31949	56.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.340%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	100154	27.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	118846	22.988	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.960%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.928	85	106745	24.933	ug/L	98
3) Chloromethane	2.146	50	174392	29.220	ug/L	95
5) Vinyl chloride	2.275	62	196688	25.216	ug/L	100
6) Bromomethane	2.687	94	98901	18.869	ug/L	98
8) Chloroethane	2.828	64	124025	24.585	ug/L	99
9) Trichlorofluoromethane	3.169	101	150193	23.964	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	100664	23.907	ug/L	96
12) 1,1-Dichloroethene	3.934	96	96875	23.724	ug/L	87
13) Acetone	4.022	43	38858	76.772	ug/L	98
14) Carbon disulfide	4.264	76	328548	23.036	ug/L	98
15) Methyl Acetate	4.569	43	32975m	30.061	ug/L	
16) Methylene chloride	4.799	84	140588	22.315	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	106842	23.334	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	191197	26.032	ug/L	98
19) 1,1-Dichloroethane	6.105	63	169722	25.303	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	112885	23.316	ug/L	96
22) 2-Butanone	7.081	43	41439	62.800	ug/L	# 34
23) Bromochloromethane	7.422	128	58006	25.834	ug/L	92
25) Chloroform	7.599	83	184451	24.536	ug/L	99

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Manual Integrations
 APPROVED

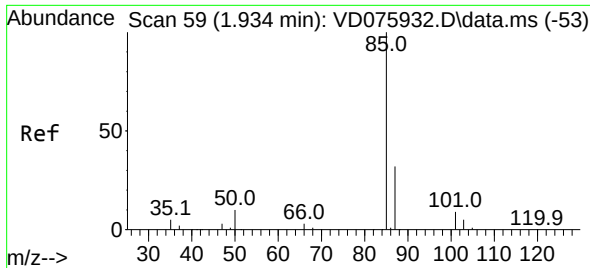
Reviewed By :Krupa
 Patel

05/02/2023
 Supervised By :Semsettin
 Yesilyurt

Quant Time: May 02 02:36:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	104484	26.926	ug/L	95
29) Cyclohexane	7.875	56	117274	23.604	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	143448	23.361	ug/L	99
31) Carbon tetrachloride	7.987	117	115971	23.540	ug/L	99
33) Benzene	8.246	78	415692	23.679	ug/L	100
34) Trichloroethene	9.028	95	103258	22.744	ug/L	96
35) Methylcyclohexane	9.275	83	150182	21.456	ug/L	97
37) 1,2-Dichloropropane	9.304	63	103618	25.695	ug/L	100
38) Bromodichloromethane	9.581	83	133402	24.534	ug/L #	94
39) cis-1,3-Dichloropropene	10.016	75	150923	23.533	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	87862	59.759	ug/L	98
42) Toluene	10.334	91	455480	23.975	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	130256	25.282	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	87962	25.639	ug/L	93
46) Tetrachloroethene	10.810	164	86189	23.146	ug/L	95
48) 2-Hexanone	10.922	43	62118	59.930	ug/L	93
49) Dibromochloromethane	11.075	129	94975	25.429	ug/L	97
50) 1,2-Dibromoethane	11.181	107	81786	26.442	ug/L	95
51) Chlorobenzene	11.610	112	294465	23.693	ug/L	98
52) Ethylbenzene	11.687	91	455187	23.366	ug/L	99
53) m,p-Xylene	11.793	106	184643	23.803	ug/L	99
54) o-Xylene	12.122	106	175566	23.829	ug/L	98
55) Styrene	12.140	104	320993	25.031	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	97296	27.873	ug/L	98
59) Bromoform	12.298	173	58160	25.963	ug/L	99
60) Isopropylbenzene	12.422	105	437073	22.552	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	62487	27.215	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	322680	22.328	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	319738	22.951	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	220842	23.815	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	225888	23.210	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	199877	24.136	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.451	75	12214	26.609	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	122249	19.668	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	99050	19.230	ug/L	97
71) Naphthalene	15.334	128	222576	23.613	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	100170	21.786	ug/L	98

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



#2
Dichlorodifluoromethane
Concen: 24.933 ug/L
RT: 1.928 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD

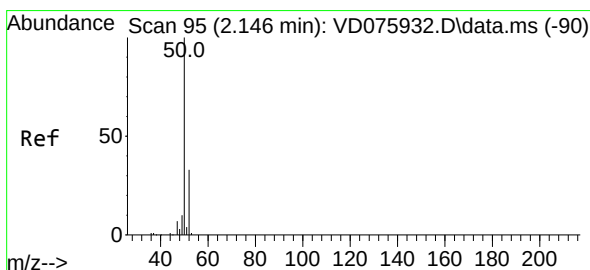
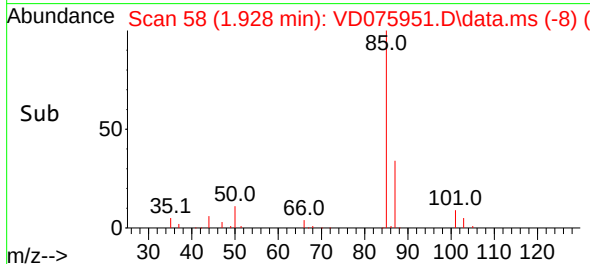
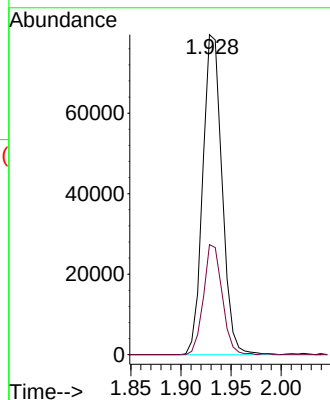
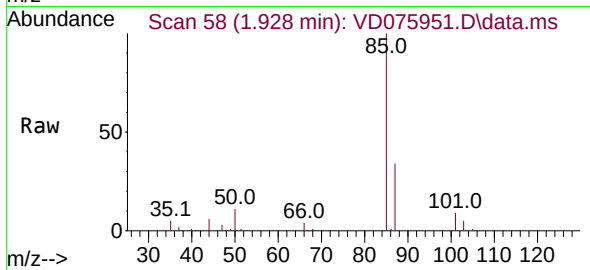
Tgt Ion: 85 Resp: 106749
Ion Ratio Lower Upper
85 100
87 33.3 25.8 38.8

Manual Integrations
APPROVED

Reviewed By :Krupa
Patel

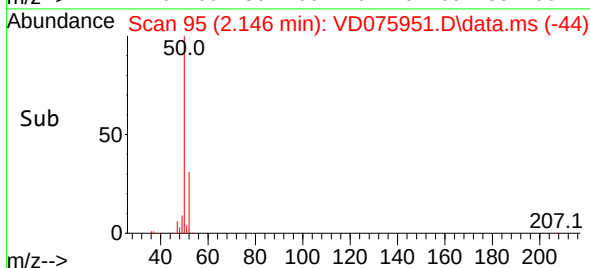
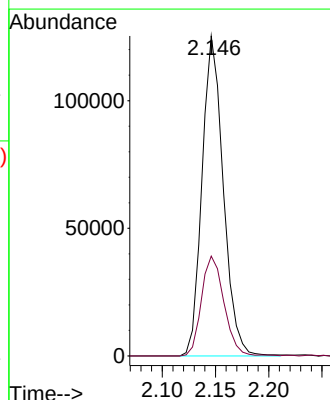
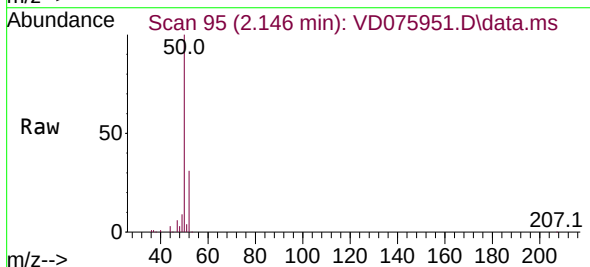
05/02/2023
Supervised By :Semsettin
Yesilyurt

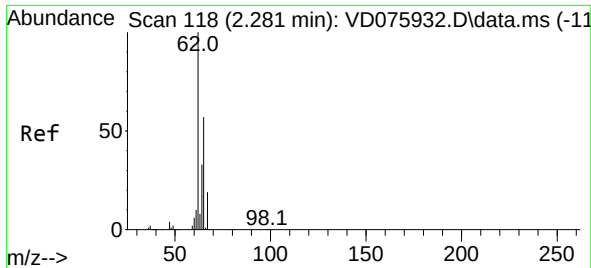
05/02/2023



#3
Chloromethane
Concen: 29.220 ug/L
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion: 50 Resp: 174392
Ion Ratio Lower Upper
50 100
52 31.2 23.7 44.1





#5
Vinyl chloride
Concen: 25.216 ug/L
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD

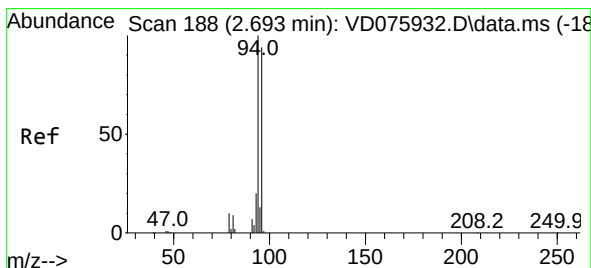
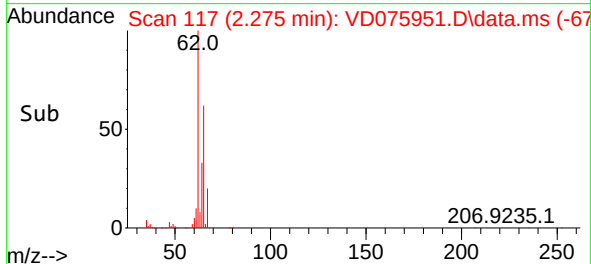
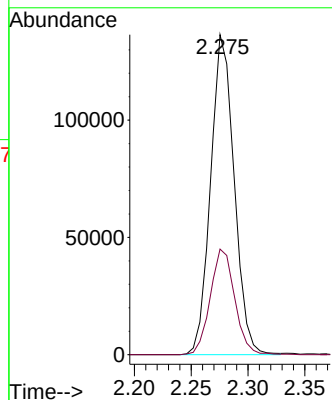
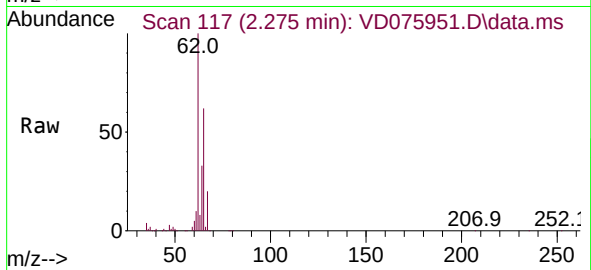
Tgt Ion: 62 Resp: 196688
Ion Ratio Lower Upper
62 100
64 33.0 23.2 43.0

Manual Integrations
APPROVED

Reviewed By :Krupa
Patel

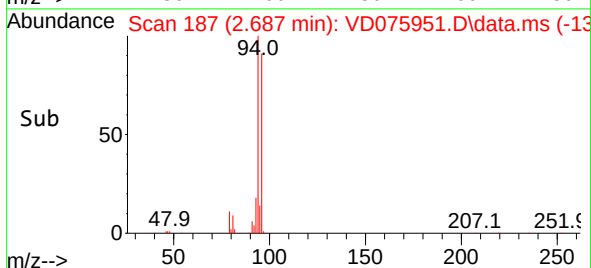
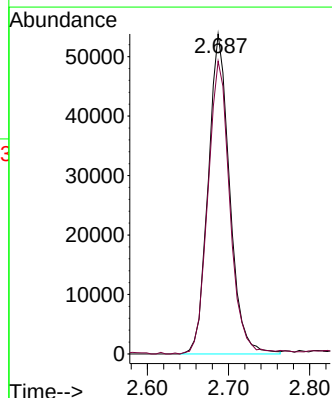
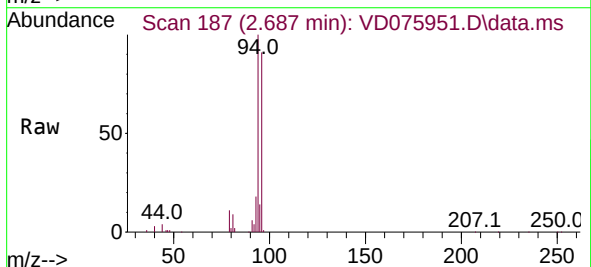
05/02/2023
Supervised By :Semsettin
Yesilyurt

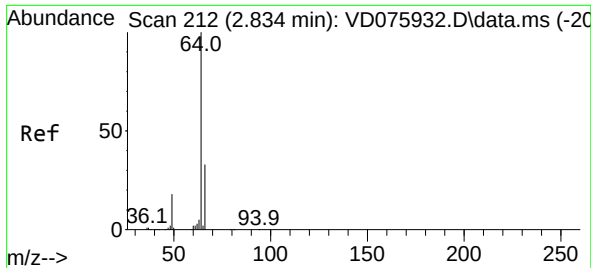
05/02/2023



#6
Bromomethane
Concen: 18.869 ug/L
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

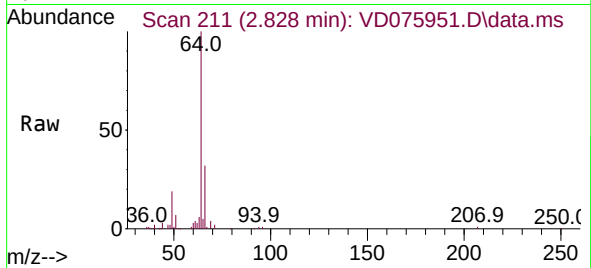
Tgt Ion: 94 Resp: 98901
Ion Ratio Lower Upper
94 100
96 91.5 65.7 121.9





#8
Chloroethane
Concen: 24.585 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



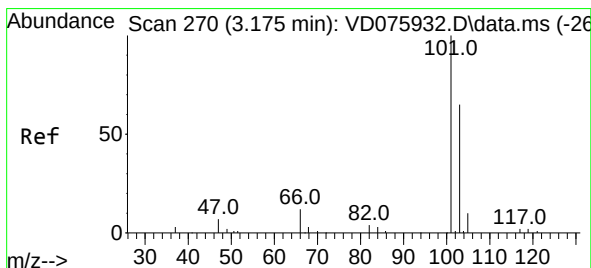
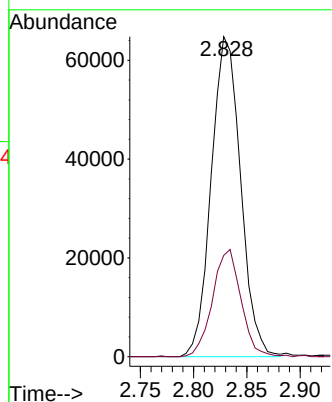
Tgt Ion: 64 Resp: 124025
Ion Ratio Lower Upper
64 100
66 31.6 21.8 40.4

Manual Integrations
APPROVED

Reviewed By :Krupa
Patel

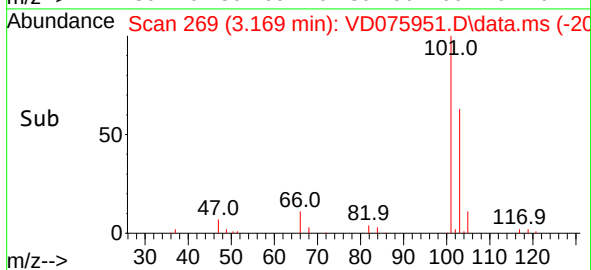
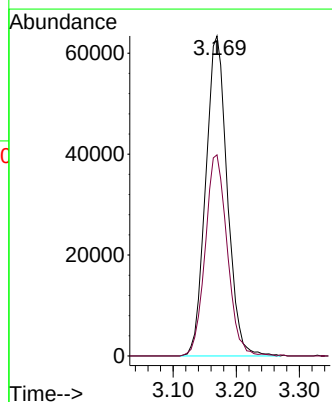
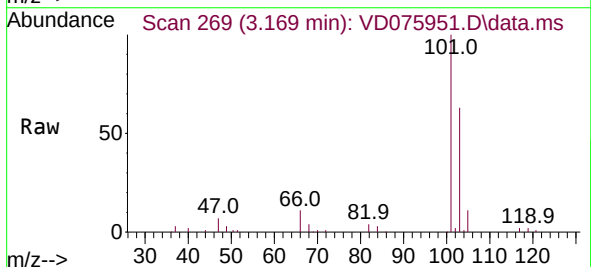
05/02/2023
Supervised By :Semsettin
Yesilyurt

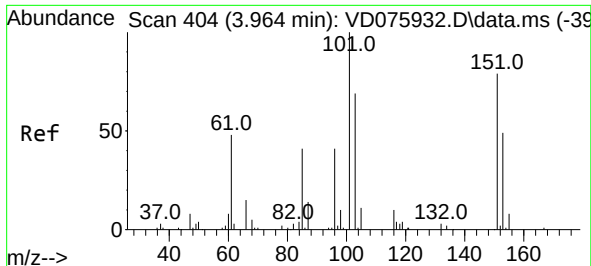
05/02/2023



#9
Trichlorofluoromethane
Concen: 23.964 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

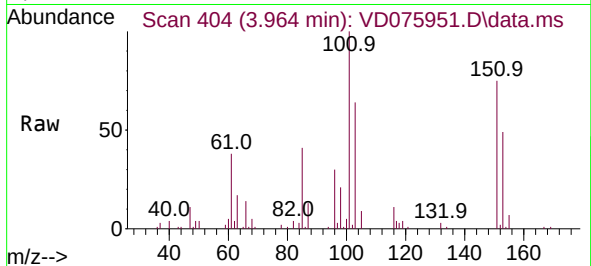
Tgt Ion:101 Resp: 150193
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.4





#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 23.907 ug/L
RT: 3.964 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



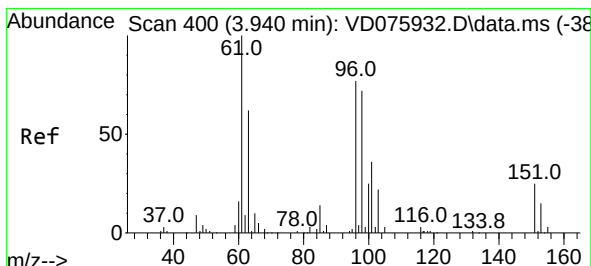
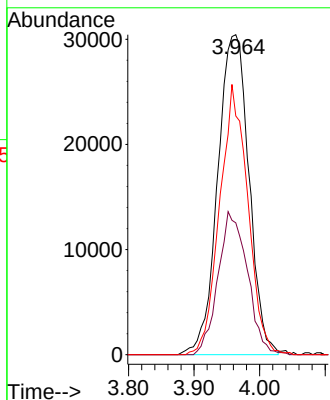
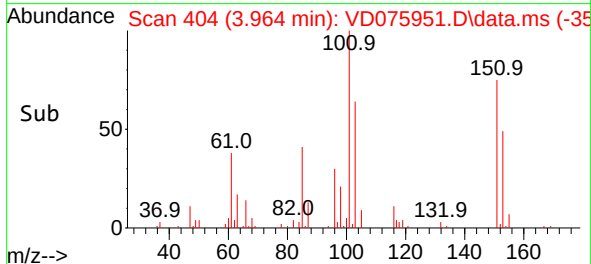
Tgt Ion:101 Resp: 100664
Ion Ratio Lower Upper
101 100
85 41.8 32.9 49.3
151 76.0 57.2 85.8

Manual Integrations
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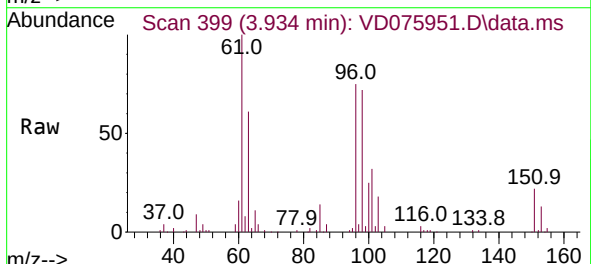
Reviewed By :Krupa
Patel

05/02/2023
Supervised By :Semsettin
Yesilyurt

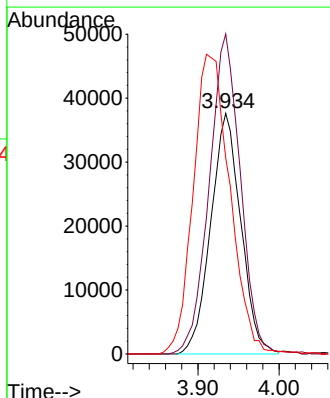
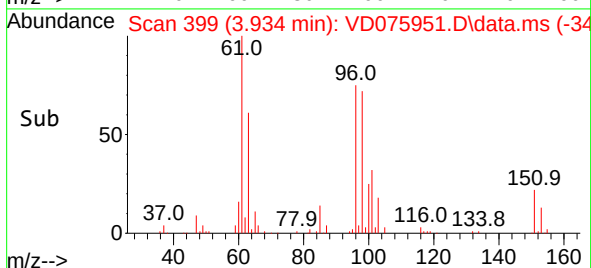
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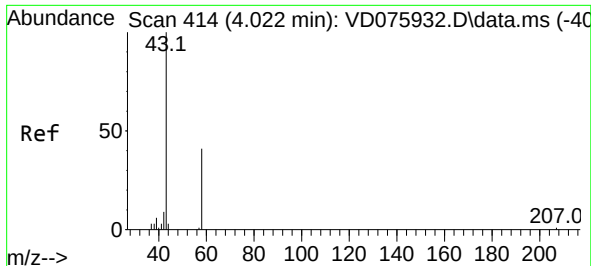


#12
1,1-Dichloroethene
Concen: 23.724 ug/L
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57



Tgt Ion: 96 Resp: 96875
Ion Ratio Lower Upper
96 100
61 132.9 92.6 172.0
63 81.4 77.4 143.8





#13

Acetone

Concen: 76.772 ug/L

RT: 4.022 min Scan# 41

Delta R.T. -0.000 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

ClientSampleId :

DCCS0MSD

Tgt Ion: 43 Resp: 3885

Ion Ratio Lower Upper

43 100

58 42.4 0.0 87.4

Manual Integrations

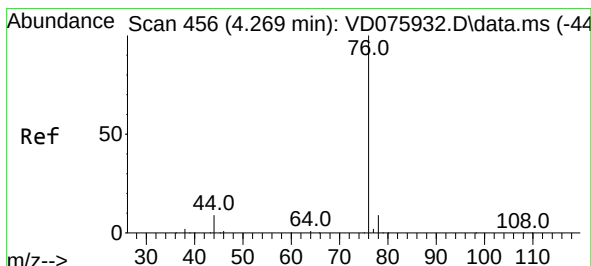
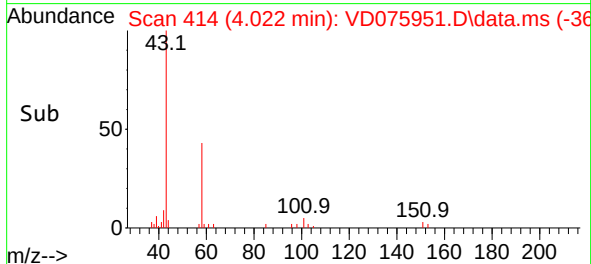
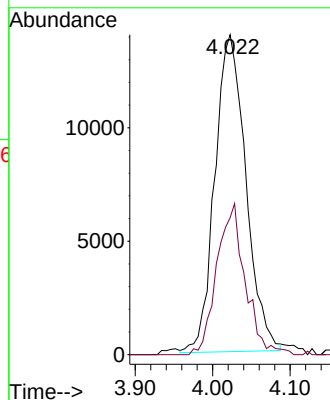
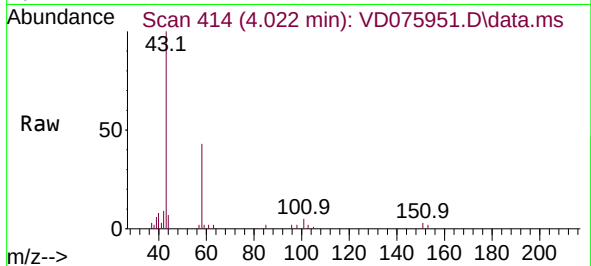
APPROVED

Reviewed By :Krupa
Patel

05/02/2023

Supervised By :Semsettin
Yesilyurt

05/02/2023



#14

Carbon disulfide

Concen: 23.036 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD075951.D

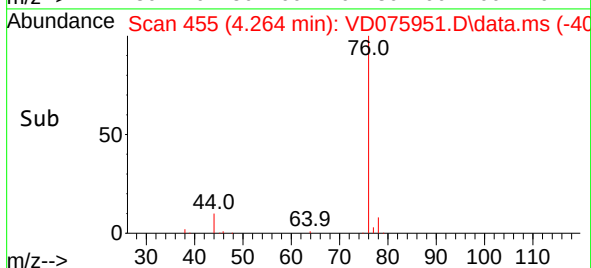
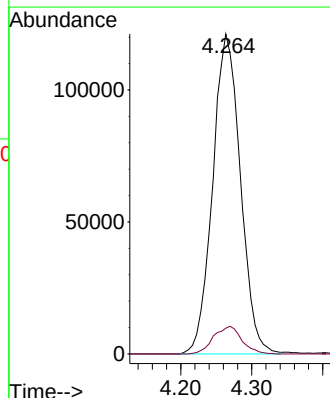
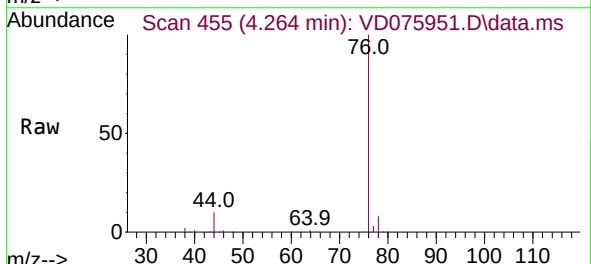
Acq: 01 May 2023 20:57

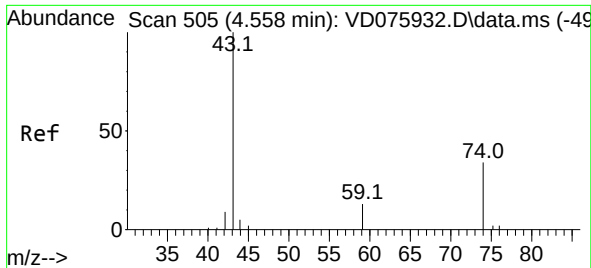
Tgt Ion: 76 Resp: 328548

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.6





#15
Methyl Acetate
Concen: 30.061 ug/L m
RT: 4.569 min Scan# 507
Delta R.T. 0.012 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD

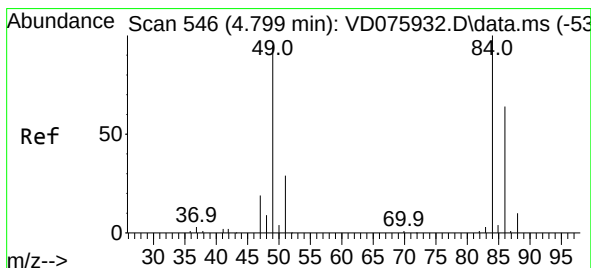
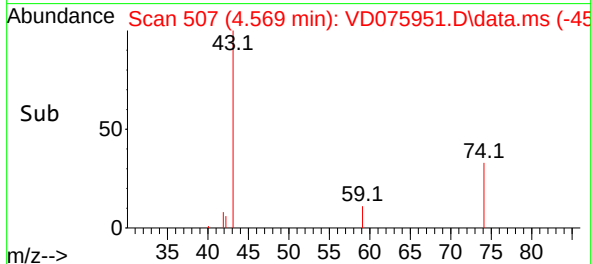
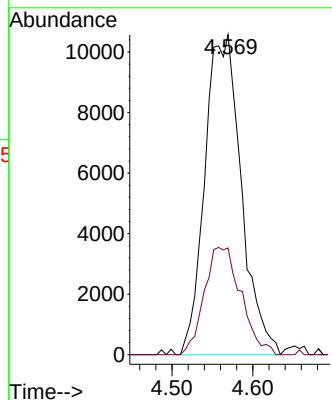
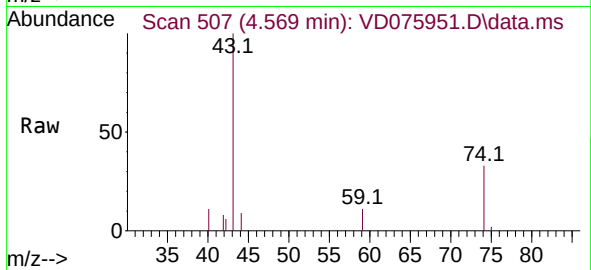
Tgt Ion: 43 Resp: 3297
Ion Ratio Lower Upper
43 100
74 19.0 12.8 19.2

Manual Integrations
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Reviewed By :Krupa
Patel

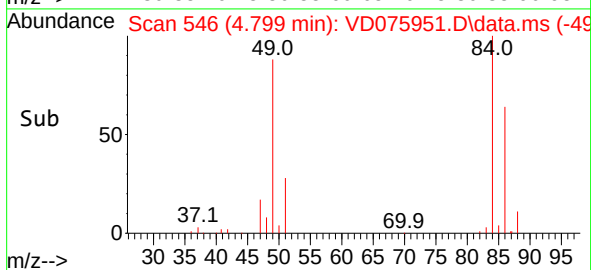
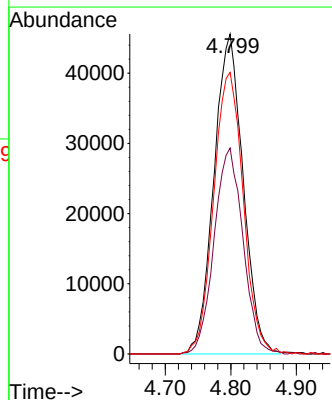
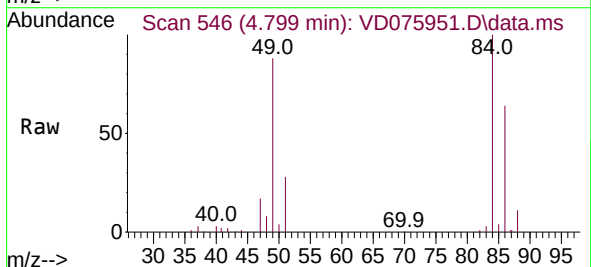
05/02/2023
Supervised By :Semsettin
Yesilyurt

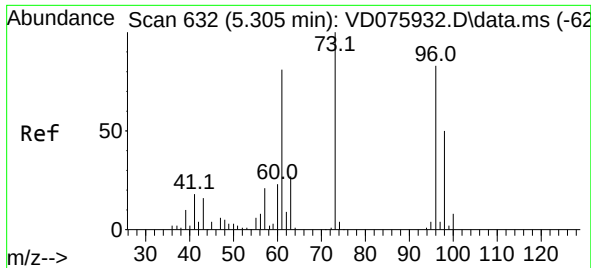
05/02/2023



#16
Methylene chloride
Concen: 22.315 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion: 84 Resp: 140588
Ion Ratio Lower Upper
84 100
86 64.4 45.8 85.2
49 88.0 60.8 112.8





#17
trans-1,2-Dichloroethene
Concen: 23.334 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

ClientSampleId :

DCCS0MSD

Tgt Ion: 96 Resp: 10684
Ion Ratio Lower Upper
96 100
61 106.2 72.9 135.5
98 64.0 43.0 79.8

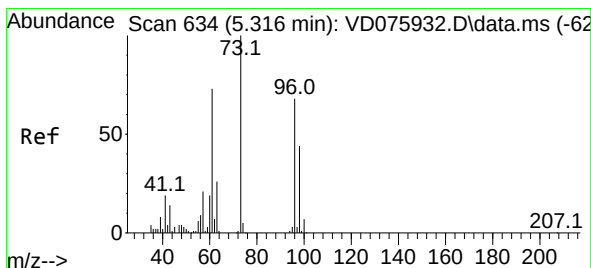
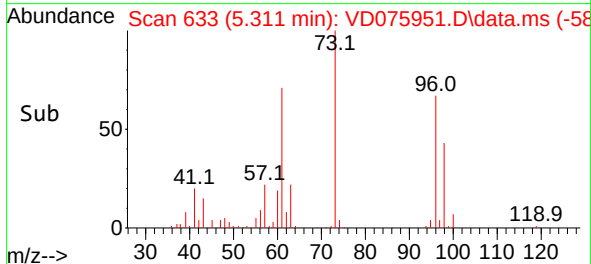
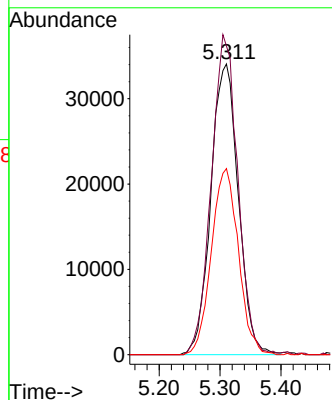
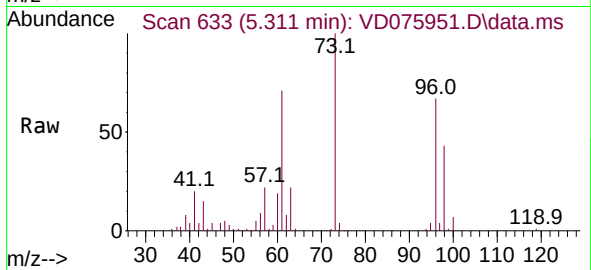
Manual Integrations
APPROVED

Reviewed By :Krupa
Patel

05/02/2023

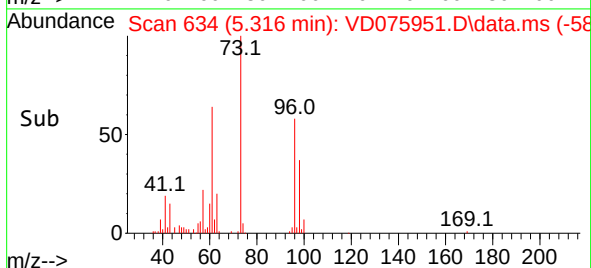
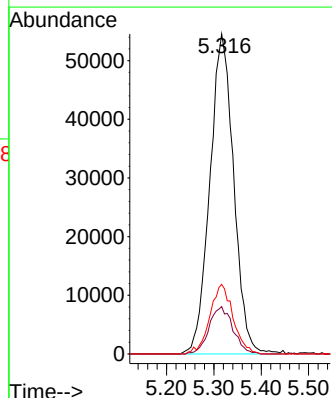
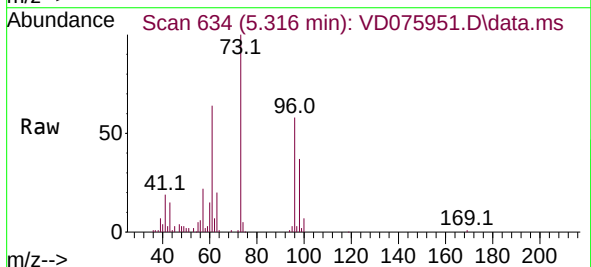
Supervised By :Semsettin
Yesilyurt

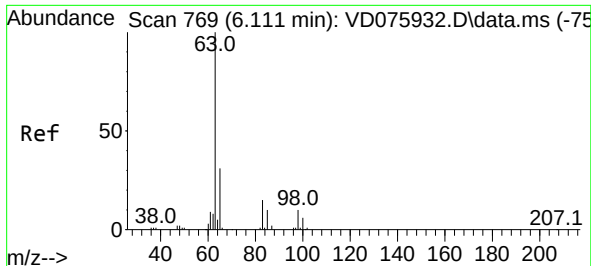
05/02/2023



#18
Methyl tert-butyl Ether
Concen: 26.032 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

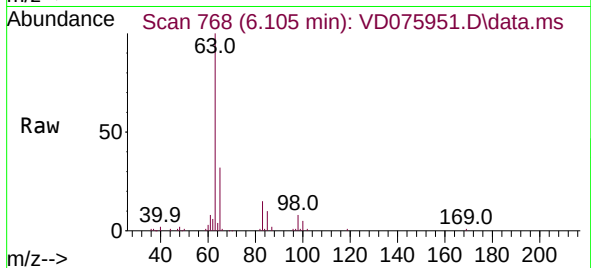
Tgt Ion: 73 Resp: 191197
Ion Ratio Lower Upper
73 100
43 14.7 11.3 16.9
57 21.2 16.3 24.5





#19
1,1-Dichloroethane
Concen: 25.303 ug/L
RT: 6.105 min Scan# 768
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



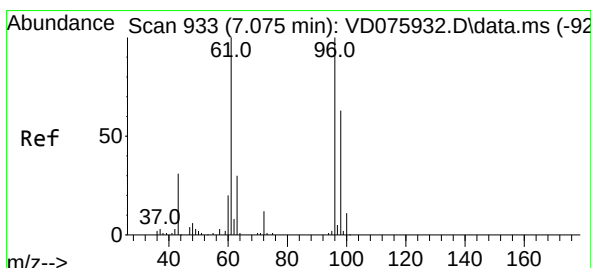
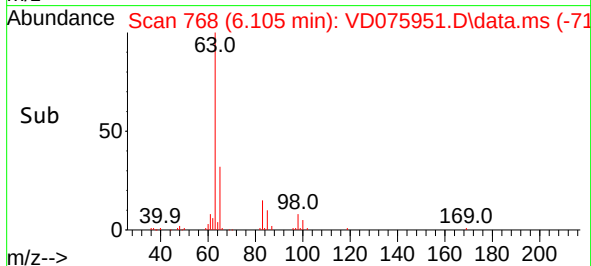
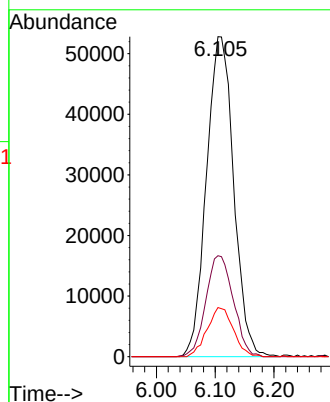
Tgt Ion: 63 Resp: 16972
Ion Ratio Lower Upper
63 100
65 31.5 22.8 42.4
83 15.3 11.2 20.8

Manual Integrations
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Reviewed By :Krupa
Patel

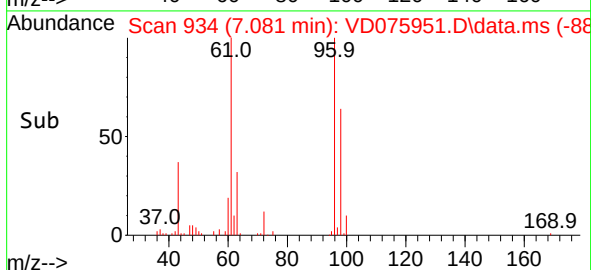
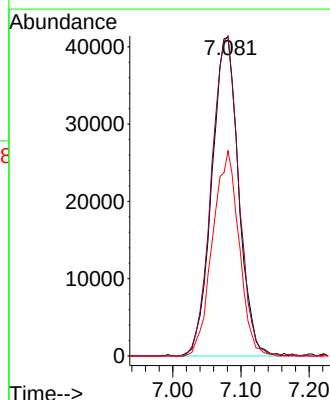
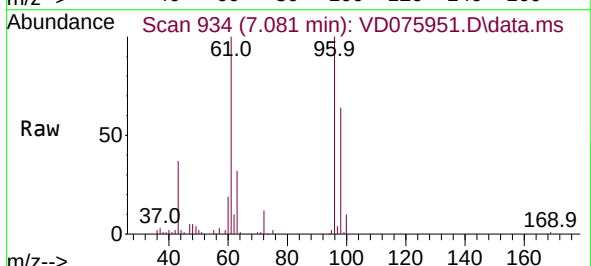
05/02/2023
Supervised By :Semsettin
Yesilyurt

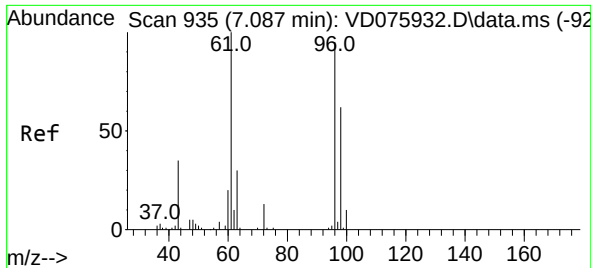
05/02/2023



#20
cis-1,2-Dichloroethene
Concen: 23.316 ug/L
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

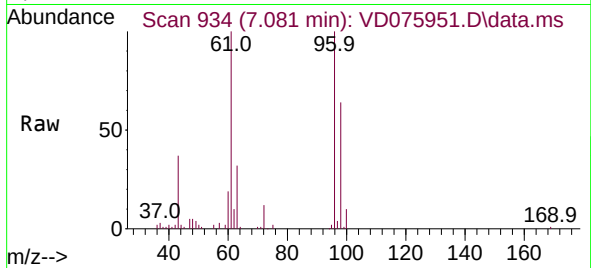
Tgt Ion: 96 Resp: 112885
Ion Ratio Lower Upper
96 100
61 100.4 67.5 125.3
98 64.3 47.5 88.1





#22
2-Butanone
Concen: 62.800 ug/L
RT: 7.081 min Scan# 911
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



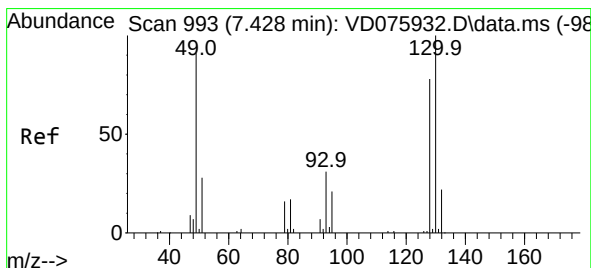
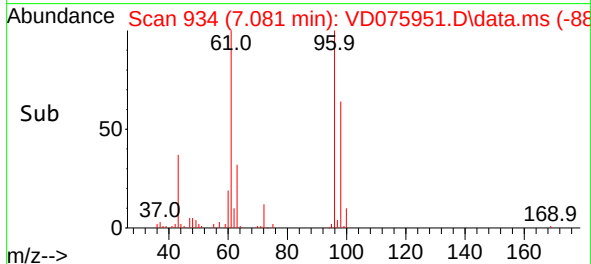
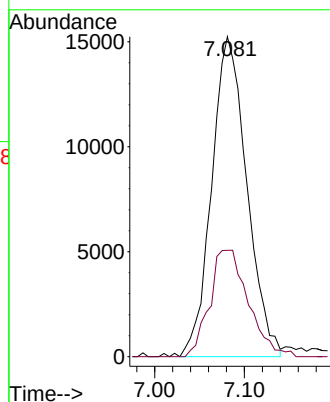
Tgt Ion: 43 Resp: 41439
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5

Manual Integrations
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Reviewed By :Krupa
Patel

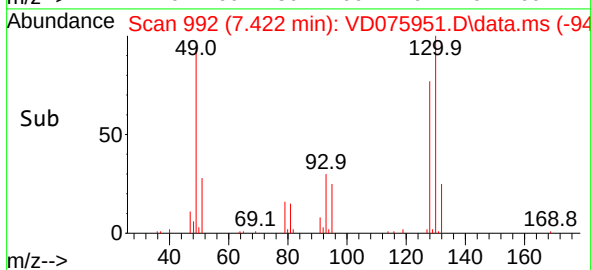
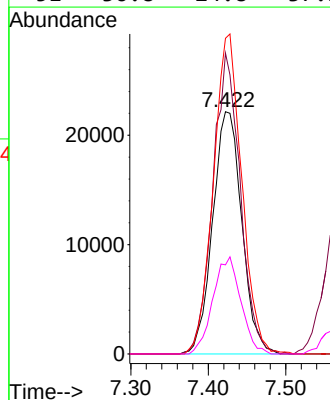
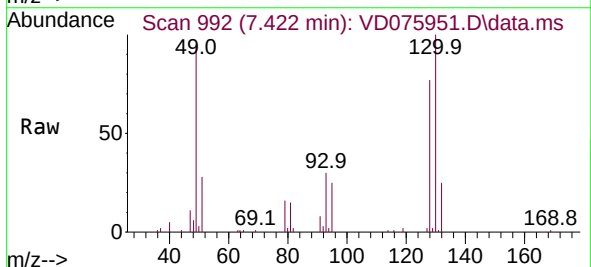
05/02/2023
Supervised By :Semsettin
Yesilyurt

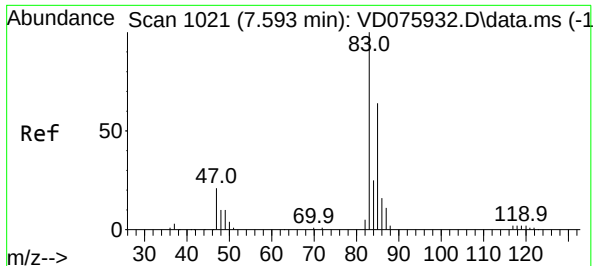
05/02/2023



#23
Bromochloromethane
Concen: 25.834 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion:128 Resp: 58006
Ion Ratio Lower Upper
128 100
49 124.1 76.4 142.0
130 130.3 93.5 173.7
51 36.8 24.8 37.2





#25
Chloroform
Concen: 24.536 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD

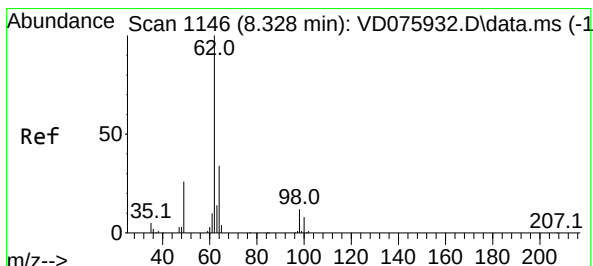
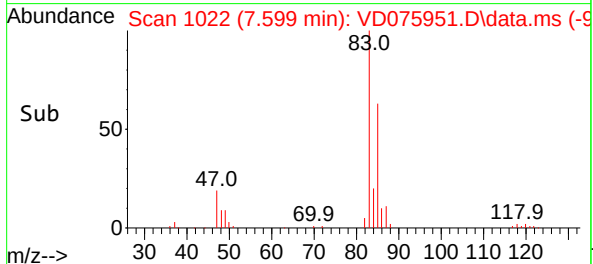
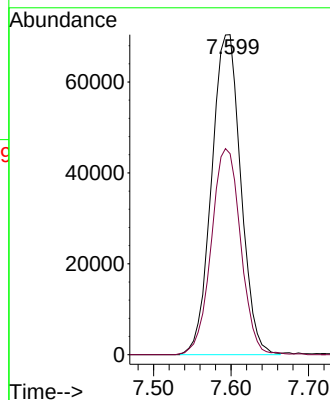
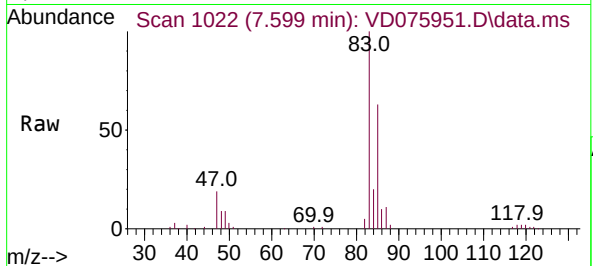
Tgt Ion: 83 Resp: 18445
Ion Ratio Lower Upper
83 100
85 62.8 44.4 82.5

Manual Integrations
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Reviewed By :Krupa
Patel

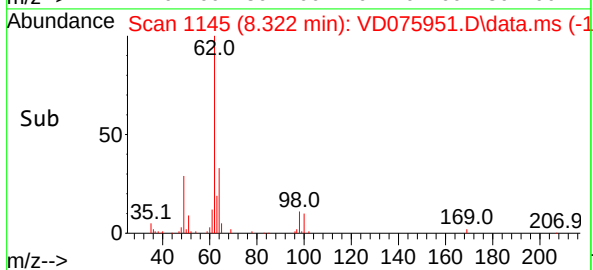
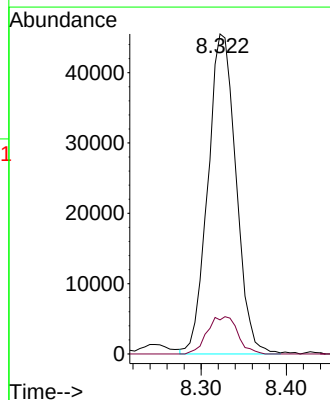
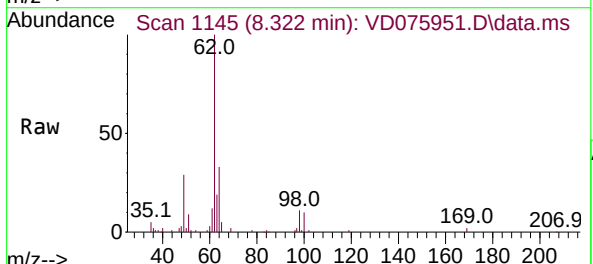
05/02/2023
Supervised By :Semsettin
Yesilyurt

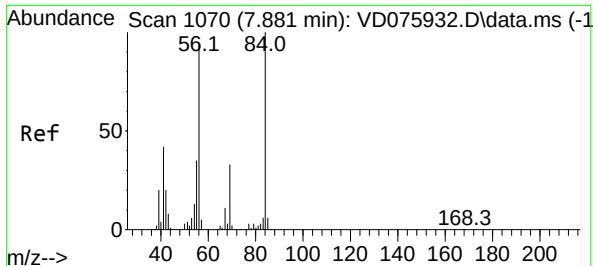
05/02/2023



#27
1,2-Dichloroethane
Concen: 26.926 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion: 62 Resp: 104484
Ion Ratio Lower Upper
62 100
98 10.7 10.2 15.2





#29

Cyclohexane

Concen: 23.604 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075951.D

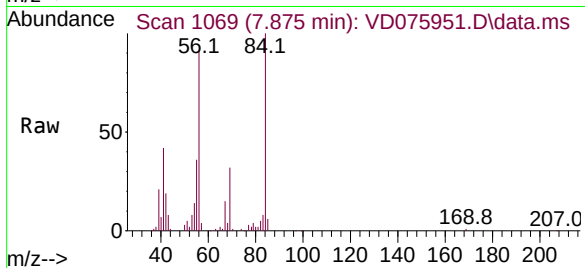
Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

ClientSampleId :

DCCS0MSD



Tgt Ion: 56 Resp: 117274

Ion	Ratio	Lower	Upper
56	100		
69	35.4	28.2	42.2
84	108.8	92.4	138.6

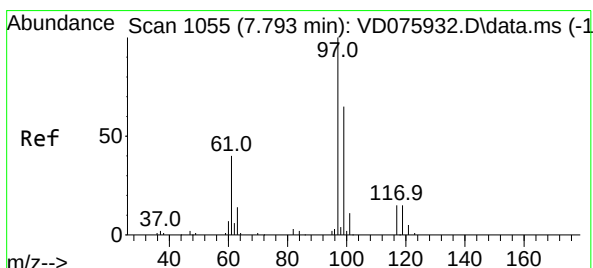
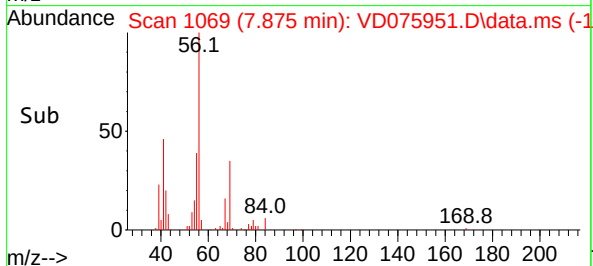
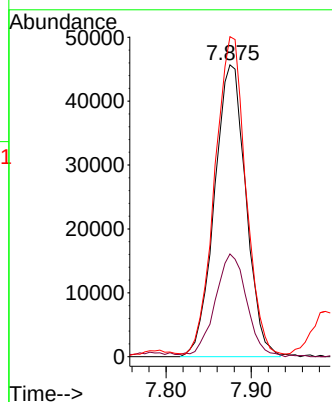
Manual Integrations
APPROVED

Reviewed By :Krupa
Patel

05/02/2023

Supervised By :Semsettin
Yesilyurt

05/02/2023



#30

1,1,1-Trichloroethane

Concen: 23.361 ug/L

RT: 7.793 min Scan# 1055

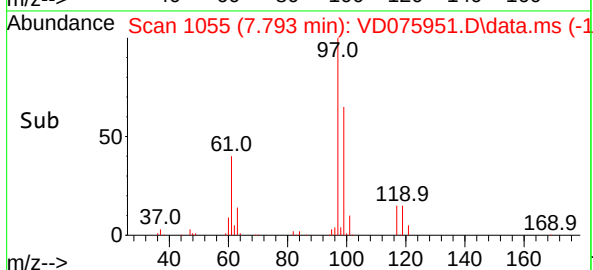
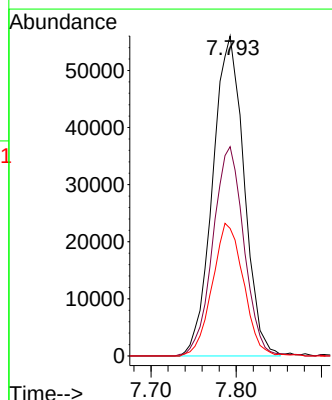
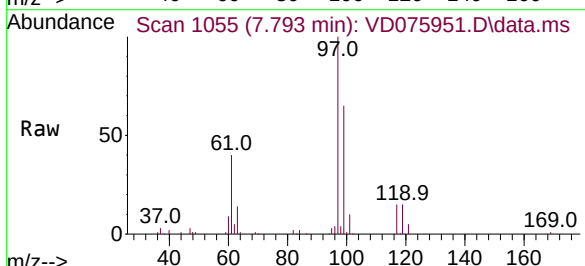
Delta R.T. -0.000 min

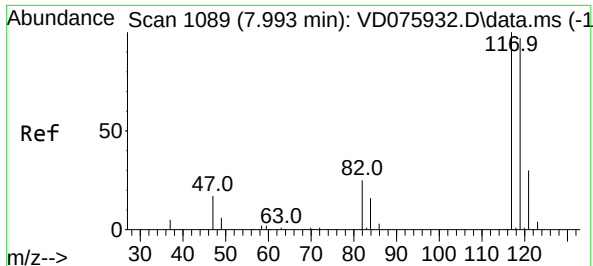
Lab File: VD075951.D

Acq: 01 May 2023 20:57

Tgt Ion: 97 Resp: 143448

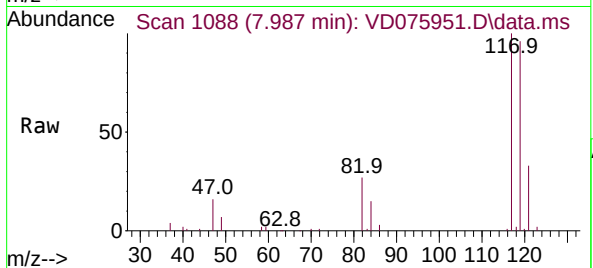
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.5	77.3
61	41.0	32.1	48.1





#31
Carbon tetrachloride
Concen: 23.540 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



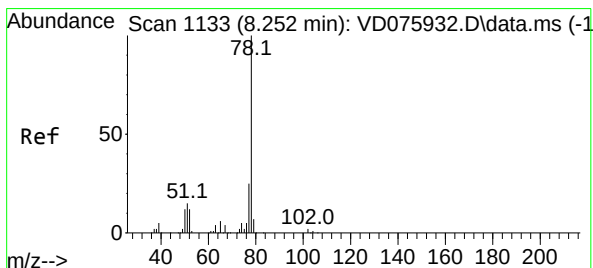
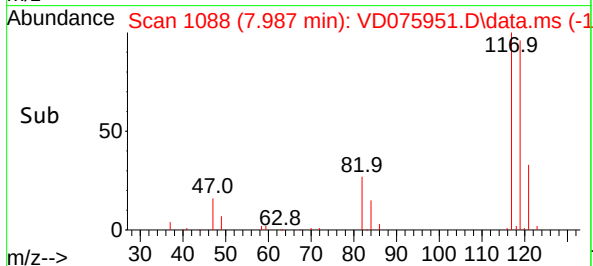
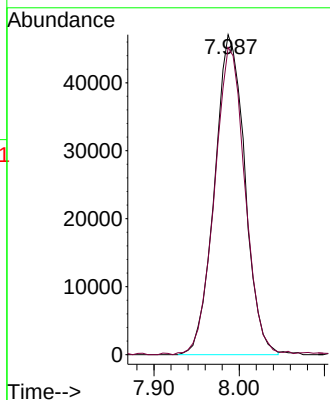
Tgt Ion:117 Resp: 11597
Ion Ratio Lower Upper
117 100
119 96.9 78.2 117.4

Manual Integrations
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Reviewed By :Krupa
Patel

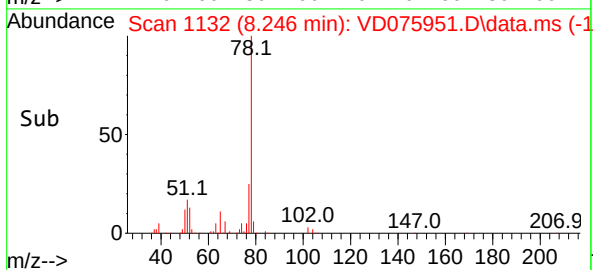
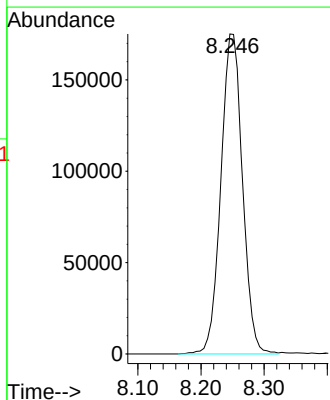
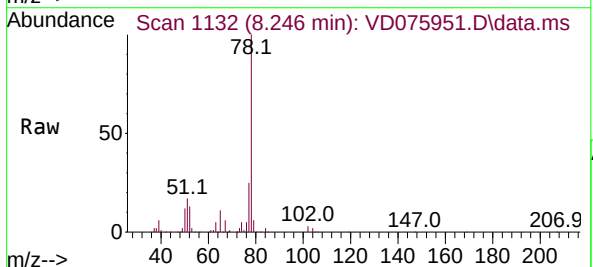
05/02/2023
Supervised By :Semsettin
Yesilyurt

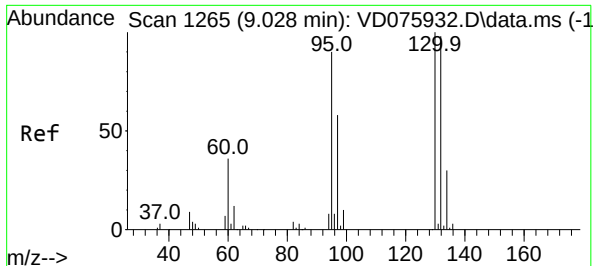
05/02/2023



#33
Benzene
Concen: 23.679 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

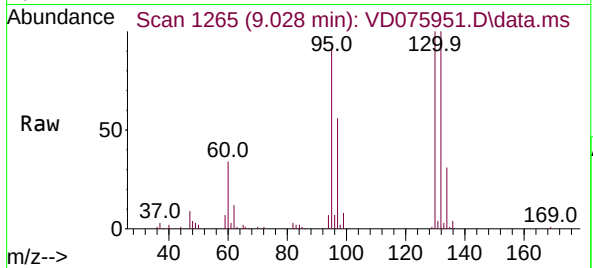
Tgt Ion: 78 Resp: 415692





#34
Trichloroethene
Concen: 22.744 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



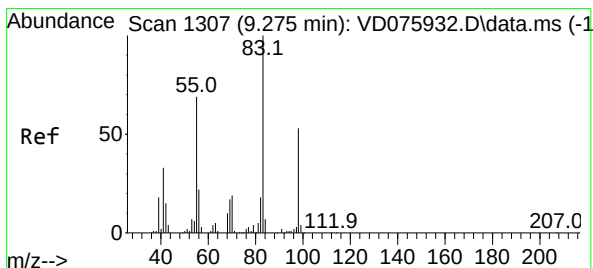
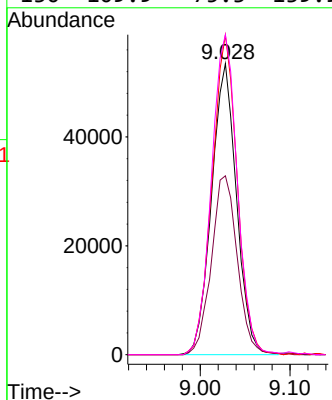
Tgt Ion: 95 Resp: 103258
Ion Ratio Lower Upper
95 100
97 61.5 46.0 85.4
132 109.8 73.3 136.1
130 109.9 75.3 139.9

Manual Integrations
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Reviewed By :Krupa
Patel

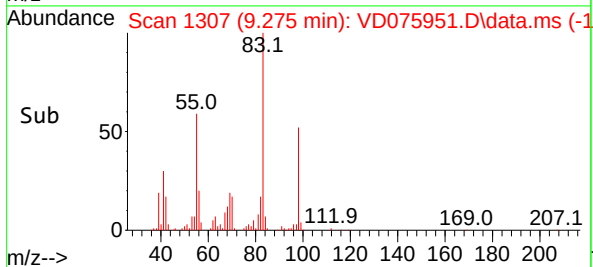
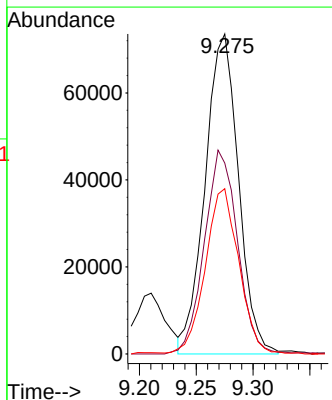
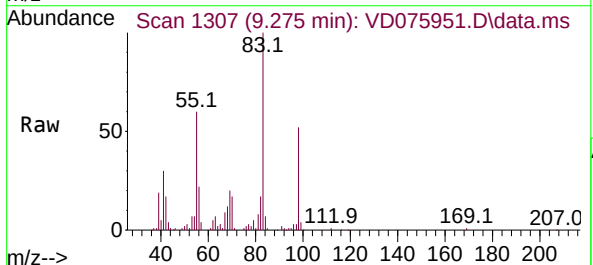
05/02/2023
Supervised By :Semsettin
Yesilyurt

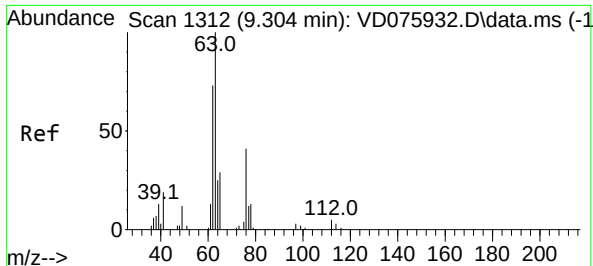
05/02/2023



#35
Methylcyclohexane
Concen: 21.456 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion: 83 Resp: 150182
Ion Ratio Lower Upper
83 100
55 63.4 48.2 72.2
98 52.0 40.8 61.2





#37

1,2-Dichloropropane

Concen: 25.695 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

ClientSampleId :

DCCS0MSD

Tgt Ion: 63 Resp: 103618

Ion Ratio Lower Upper

63 100

112 5.2 4.0 6.0

Manual Integrations

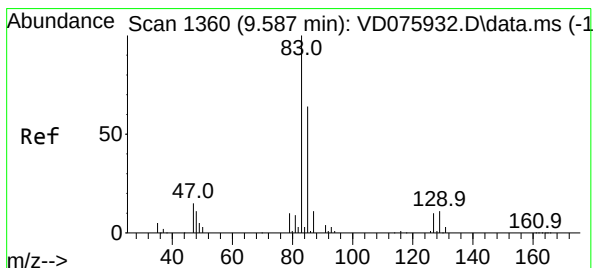
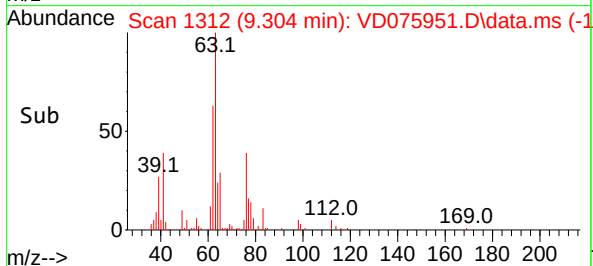
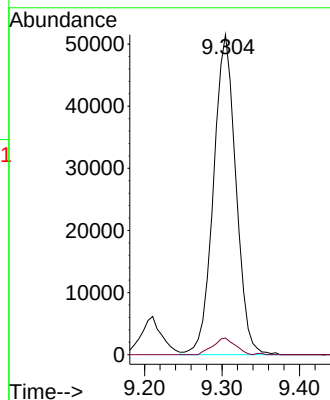
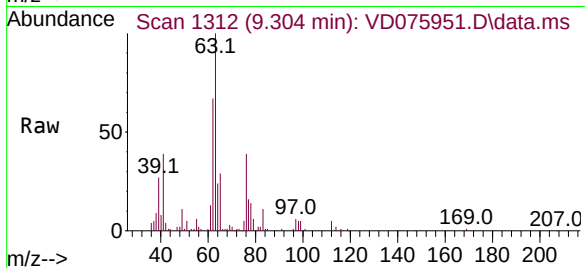
APPROVED

Reviewed By :Krupa
Patel

05/02/2023

Supervised By :Semsettin
Yesilyurt

05/02/2023



#38

Bromodichloromethane

Concen: 24.534 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

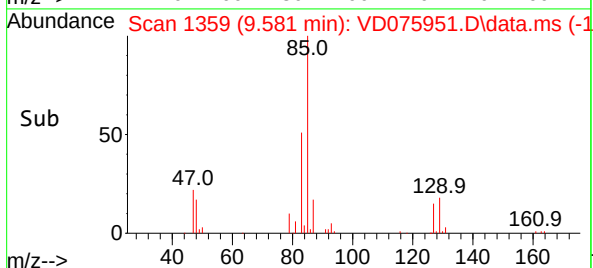
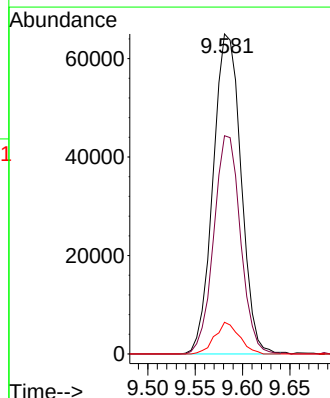
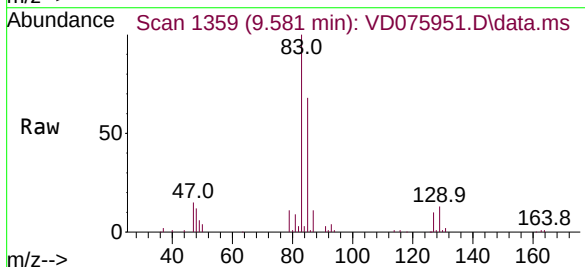
Tgt Ion: 83 Resp: 133402

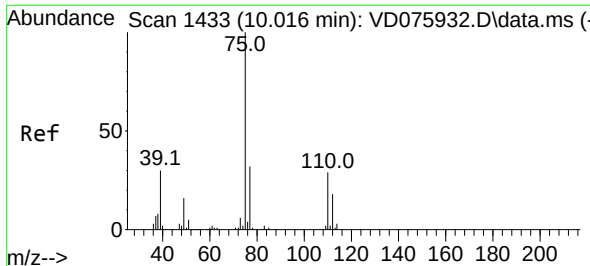
Ion Ratio Lower Upper

83 100

85 68.2 44.2 82.2

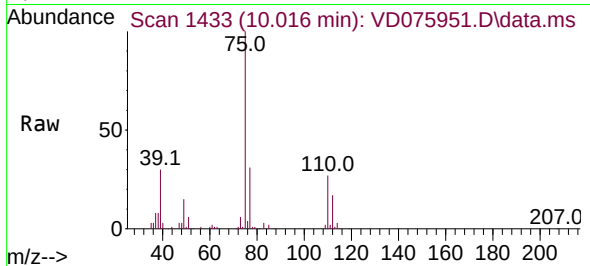
127 9.9 6.3 9.5#





#39
cis-1,3-Dichloropropene
Concen: 23.533 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



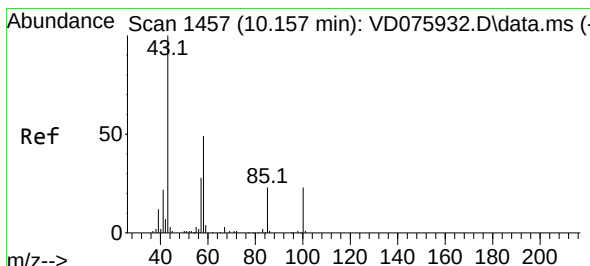
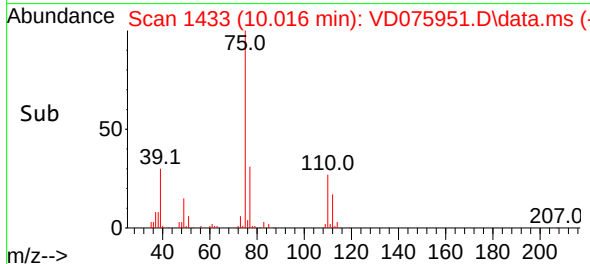
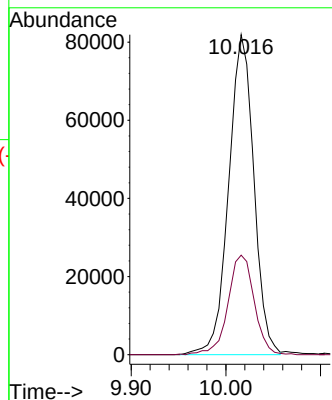
Tgt Ion: 75 Resp: 150923
Ion Ratio Lower Upper
75 100
77 31.1 23.4 43.6

Manual Integrations
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Reviewed By :Krupa
Patel

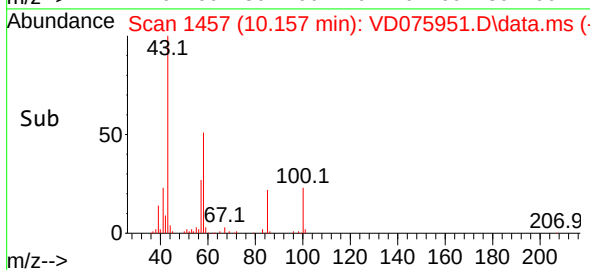
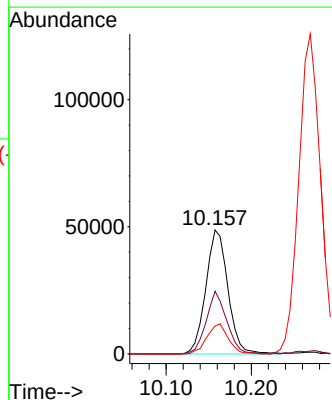
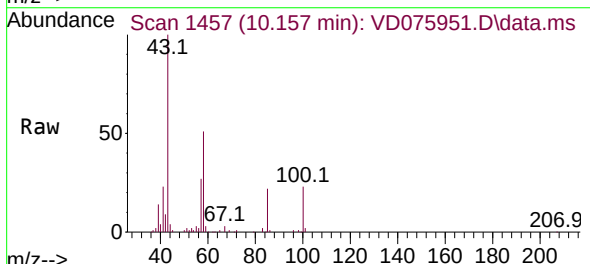
05/02/2023
Supervised By :Semsettin
Yesilyurt

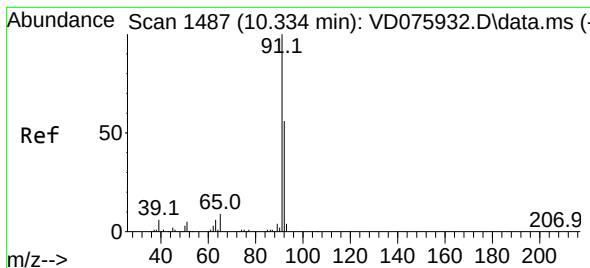
05/02/2023



#40
4-Methyl-2-pentanone
Concen: 59.759 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion: 43 Resp: 87862
Ion Ratio Lower Upper
43 100
58 47.0 39.1 58.7
100 23.5 19.4 29.0





#42

Toluene

Concen: 23.975 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

ClientSampleId :

DCCS0MSD

Tgt Ion: 91 Resp: 455480

Ion Ratio Lower Upper

91 100

92 56.3 39.3 72.9

Manual Integrations

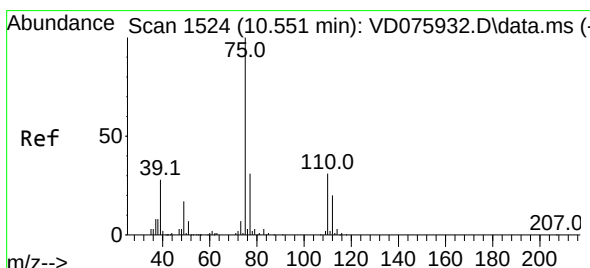
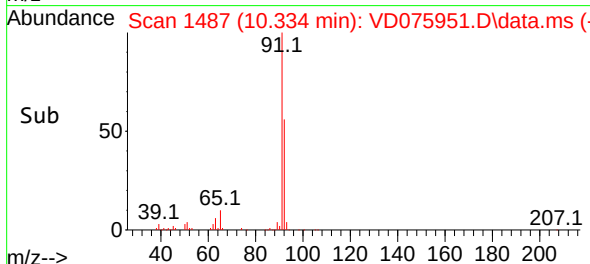
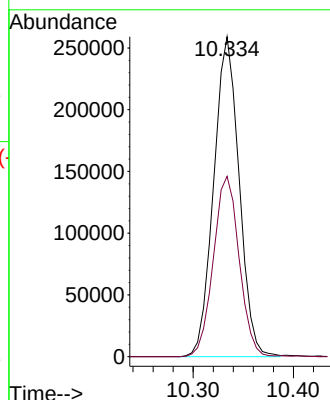
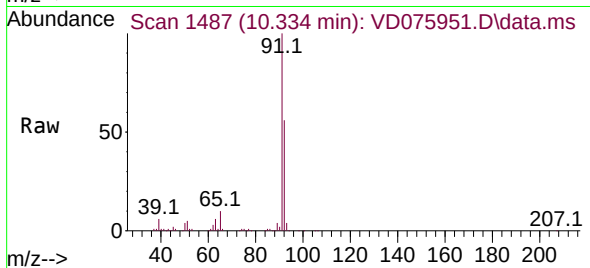
APPROVED

Reviewed By :Krupa
Patel

05/02/2023

Supervised By :Semsettin
Yesilyurt

05/02/2023



#44

trans-1,3-Dichloropropene

Concen: 25.282 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD075951.D

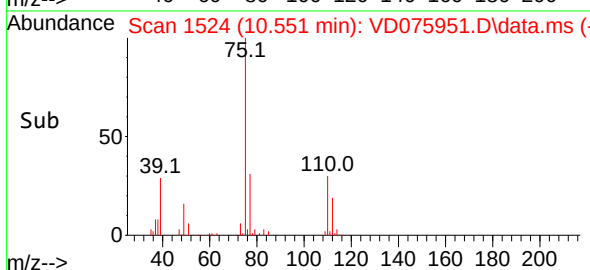
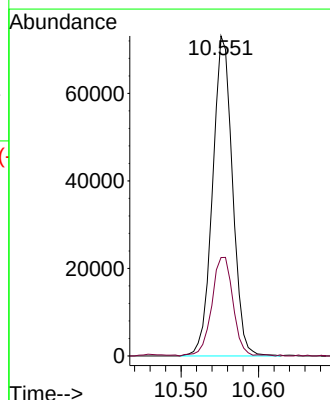
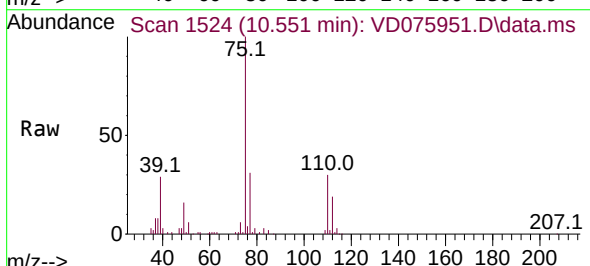
Acq: 01 May 2023 20:57

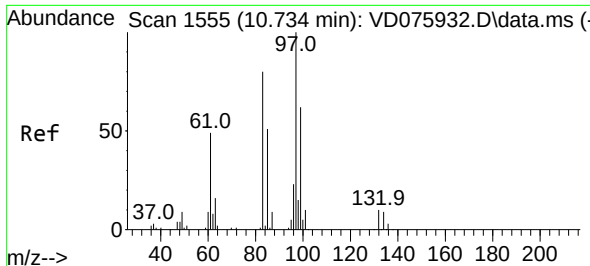
Tgt Ion: 75 Resp: 130256

Ion Ratio Lower Upper

75 100

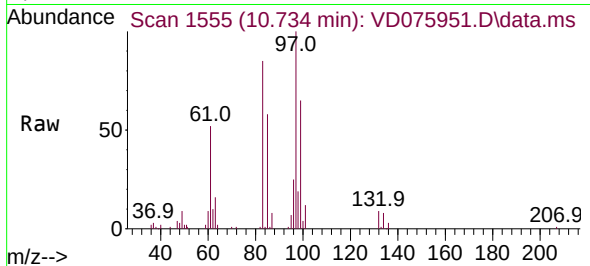
77 30.8 22.0 41.0





#45
1,1,2-Trichloroethane
Concen: 25.639 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



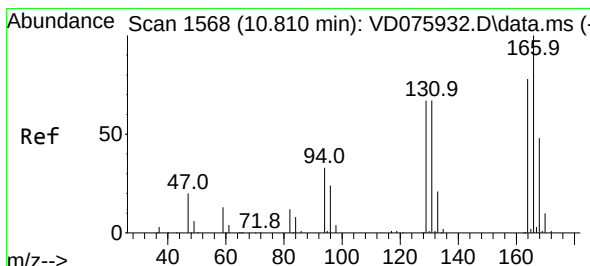
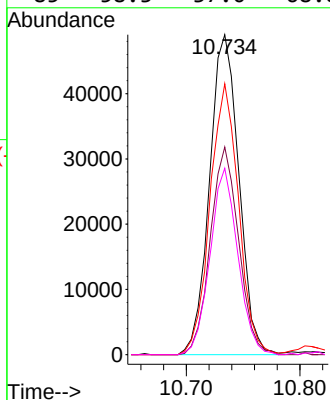
Tgt Ion:	97	Resp:	8796
Ion Ratio	100	Lower	Upper
99	64.9	42.2	78.4
83	84.7	54.8	101.8
85	58.3	37.0	68.8

Manual Integrations
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Reviewed By :Krupa
Patel

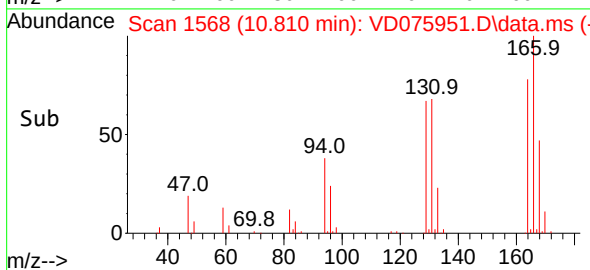
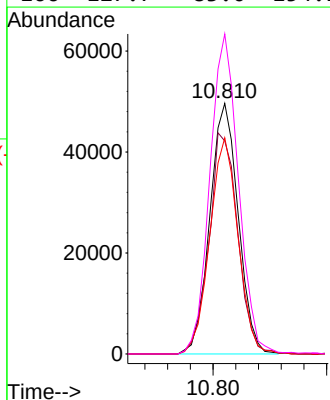
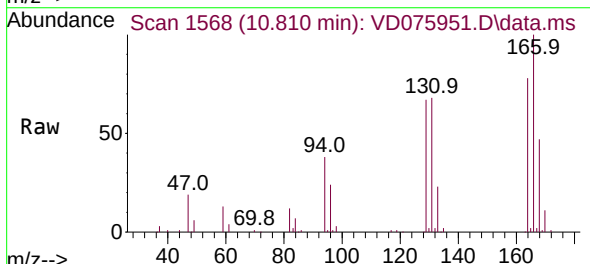
05/02/2023
Supervised By :Semsettin
Yesilyurt

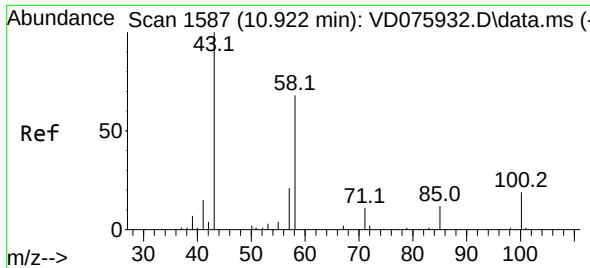
05/02/2023



#46
Tetrachloroethene
Concen: 23.146 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

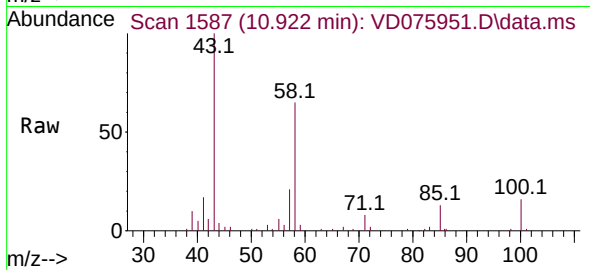
Tgt Ion:	164	Resp:	86189
Ion Ratio	100	Lower	Upper
129	84.9	60.3	112.1
131	86.2	58.9	109.3
166	127.7	83.0	154.1





#48
2-Hexanone
Concen: 59.930 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



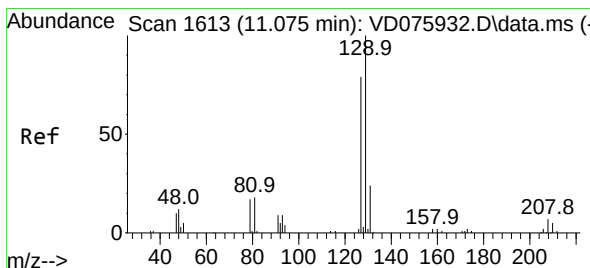
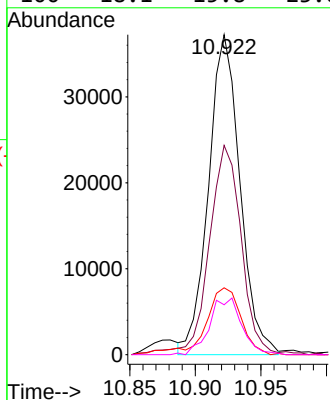
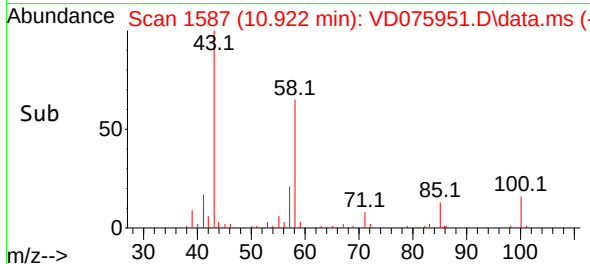
Tgt Ion: 43 Resp: 62118
Ion Ratio Lower Upper
43 100
58 66.7 59.7 89.5
57 21.7 17.9 26.9
100 18.1 15.8 23.6

Manual Integrations
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Reviewed By :Krupa
Patel

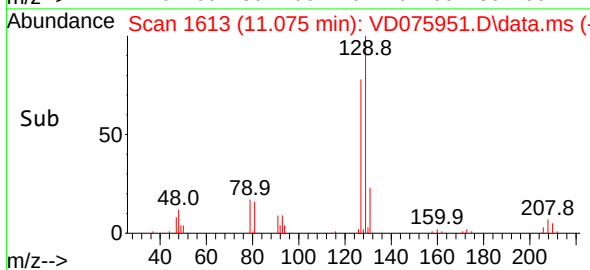
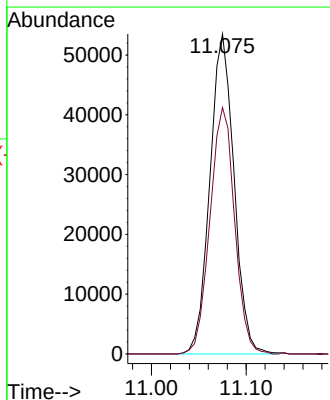
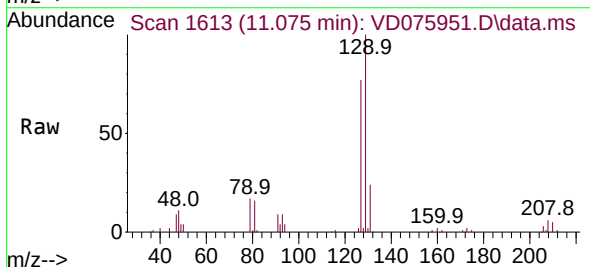
05/02/2023
Supervised By :Semsettin
Yesilyurt

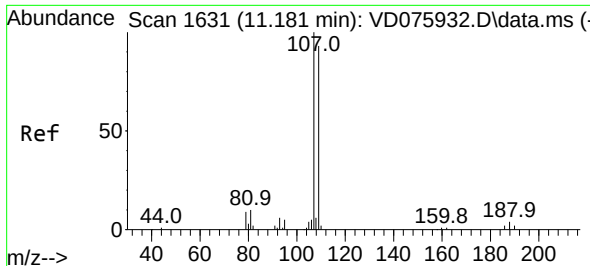
05/02/2023



#49
Dibromochloromethane
Concen: 25.429 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

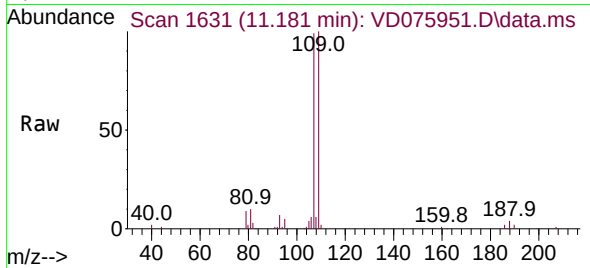
Tgt Ion:129 Resp: 94975
Ion Ratio Lower Upper
129 100
127 77.0 55.6 103.4





#50
1,2-Dibromoethane
Concen: 26.442 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



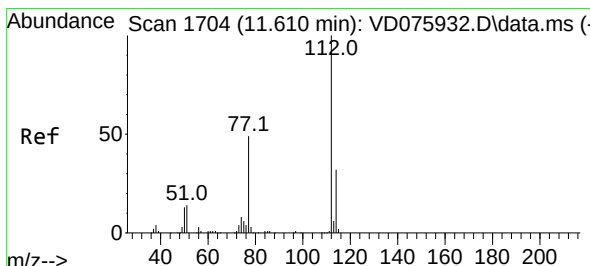
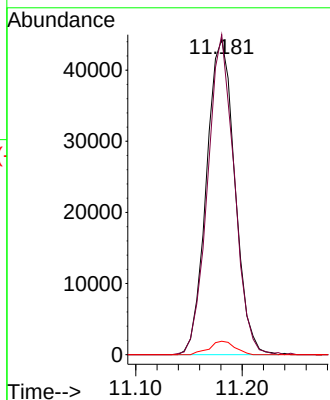
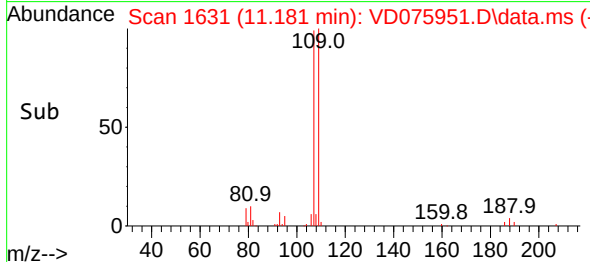
Tgt Ion:107 Resp: 81780
Ion Ratio Lower Upper
107 100
109 101.5 67.6 125.6
188 4.3 3.0 4.6

Manual Integrations
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Reviewed By :Krupa
Patel

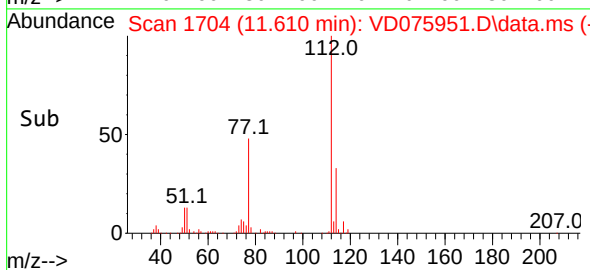
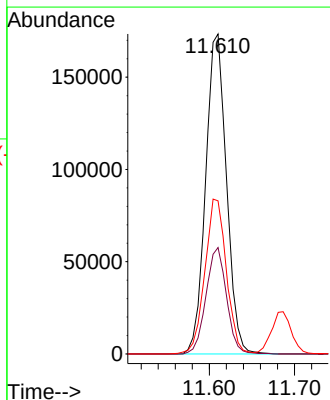
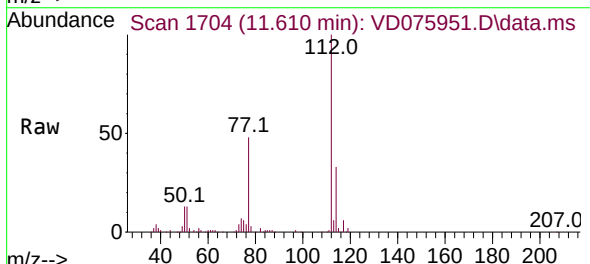
05/02/2023
Supervised By :Semsettin
Yesilyurt

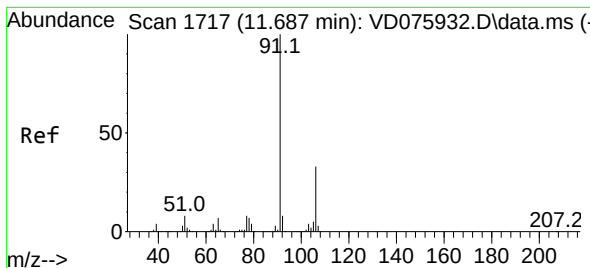
05/02/2023



#51
Chlorobenzene
Concen: 23.693 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion:112 Resp: 294465
Ion Ratio Lower Upper
112 100
114 33.2 23.0 42.8
77 47.9 39.7 59.5





#52
Ethylbenzene
Concen: 23.366 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD

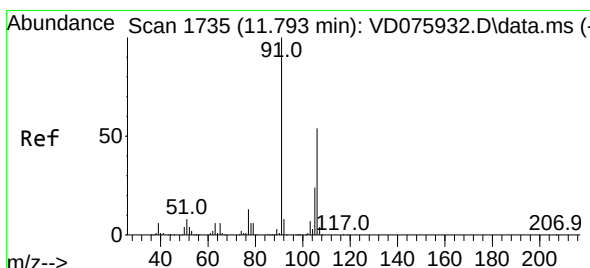
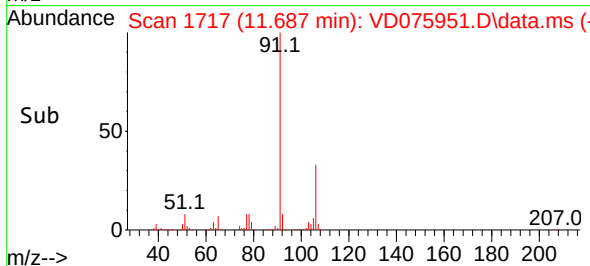
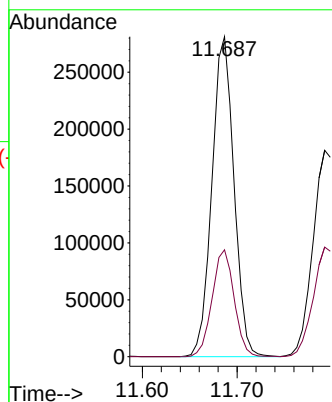
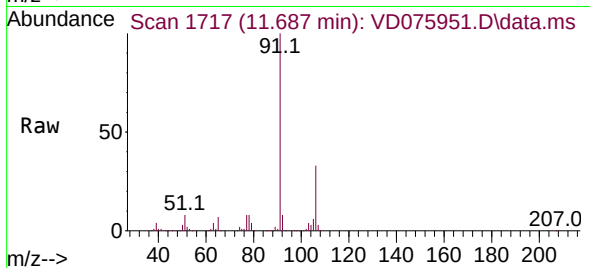
Tgt Ion: 91 Resp: 45518
Ion Ratio Lower Upper
91 100
106 33.4 23.7 43.9

Manual Integrations
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Reviewed By :Krupa
Patel

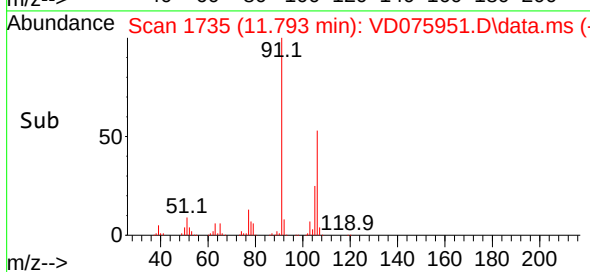
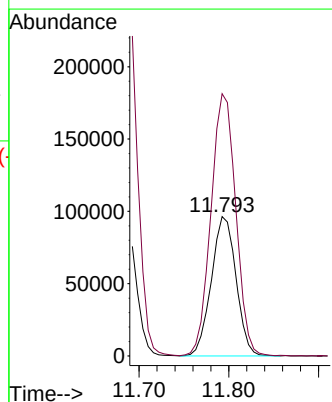
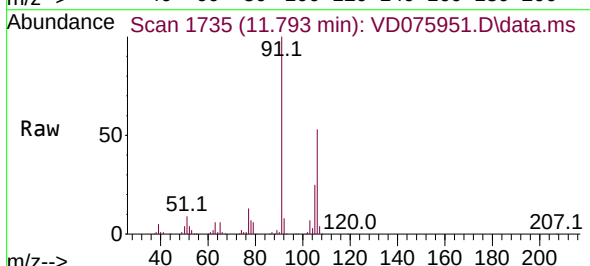
05/02/2023
Supervised By :Semsettin
Yesilyurt

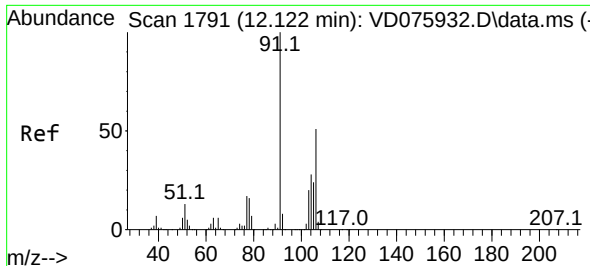
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#53
m,p-Xylene
Concen: 23.803 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

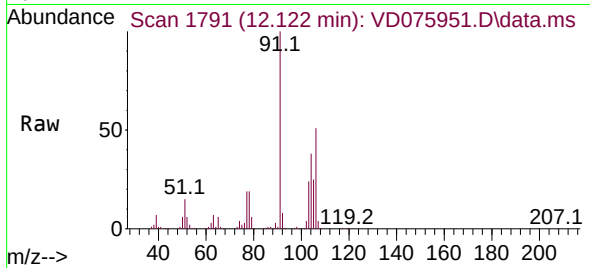
Tgt Ion:106 Resp: 184643
Ion Ratio Lower Upper
106 100
91 188.1 130.9 243.1





#54
o-Xylene
Concen: 23.829 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



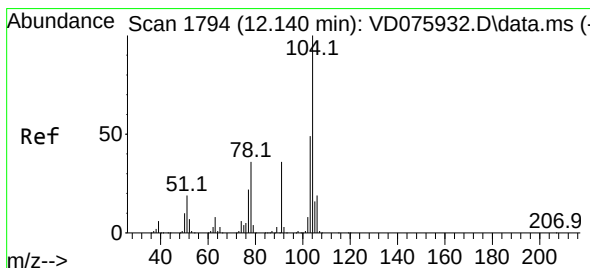
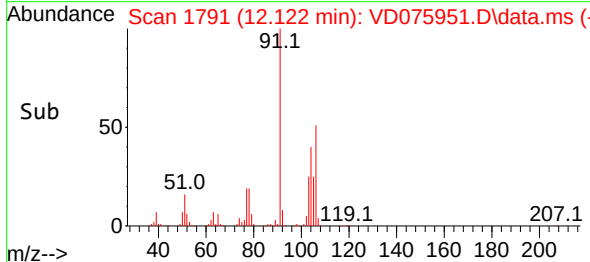
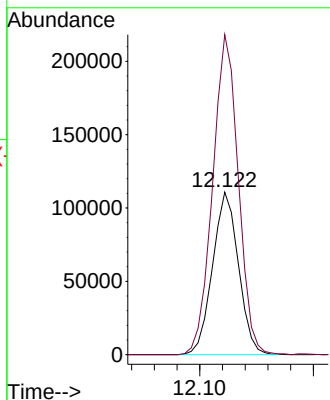
Tgt Ion:106 Resp: 175560
Ion Ratio Lower Upper
106 100
91 196.9 139.8 259.6

Manual Integrations
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Reviewed By :Krupa
Patel

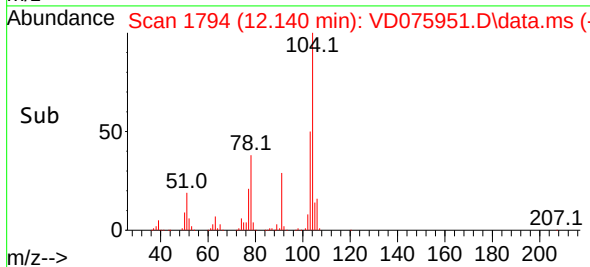
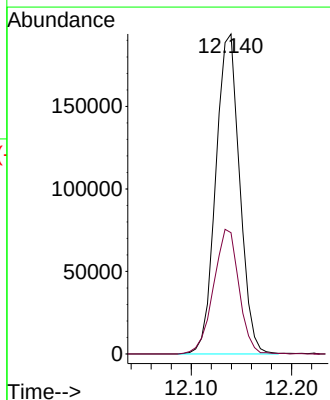
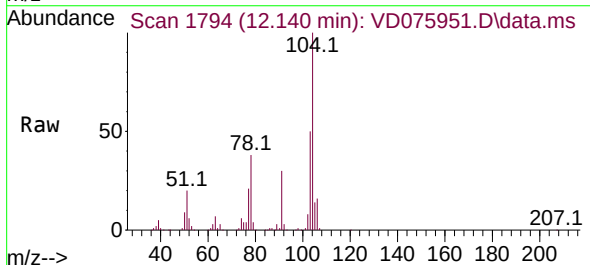
05/02/2023
Supervised By :Semsettin
Yesilyurt

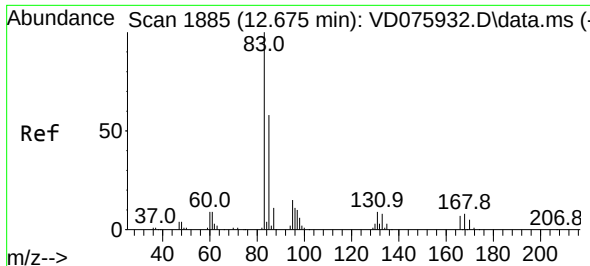
05/02/2023



#55
Styrene
Concen: 25.031 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

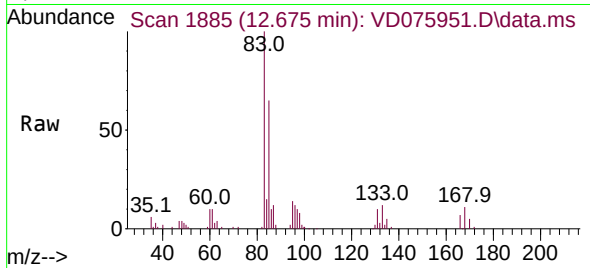
Tgt Ion:104 Resp: 320993
Ion Ratio Lower Upper
104 100
78 37.9 26.2 48.6





#57
1,1,2,2-Tetrachloroethane
Concen: 27.873 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



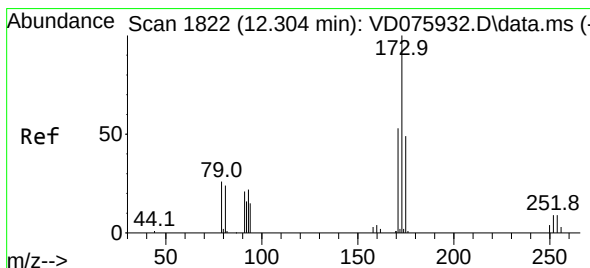
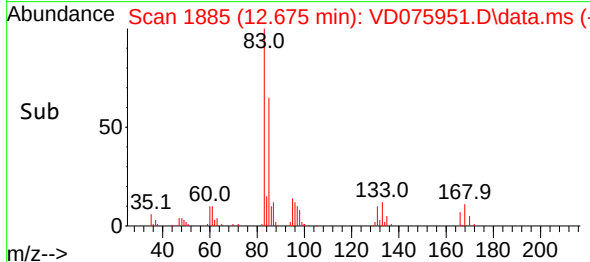
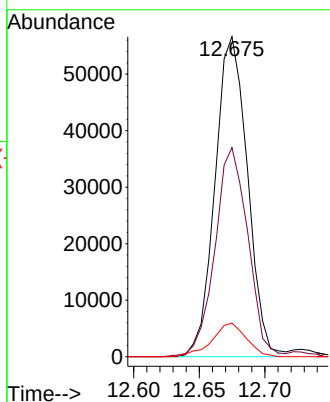
Tgt Ion: 83 Resp: 97290
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7
131 10.5 7.0 10.6

Manual Integrations
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Reviewed By :Krupa
Patel

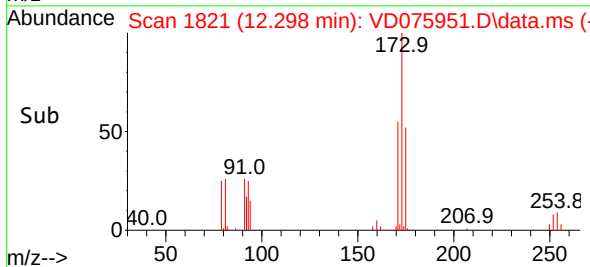
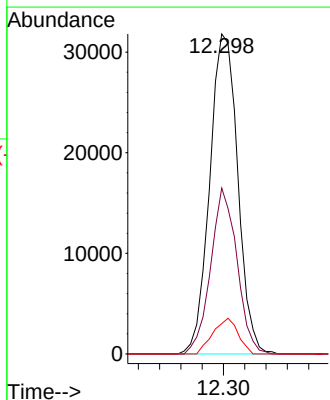
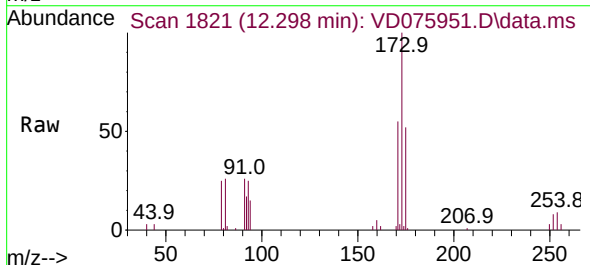
05/02/2023
Supervised By :Semsettin
Yesilyurt

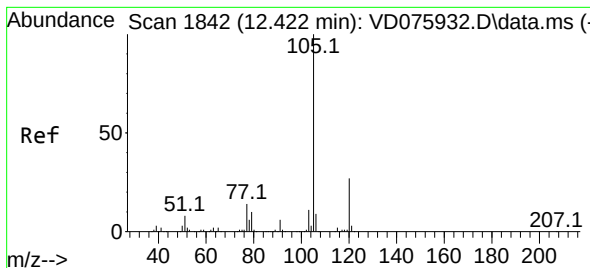
05/02/2023



#59
Bromoform
Concen: 25.963 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

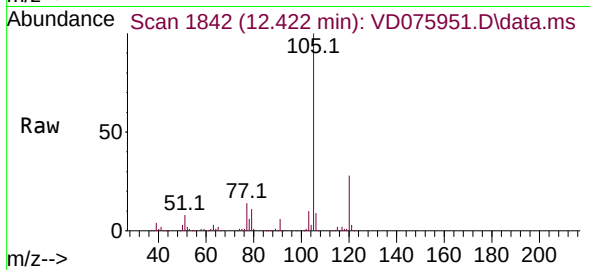
Tgt Ion:173 Resp: 58160
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.0
254 9.9 7.4 11.2





#60
Isopropylbenzene
Concen: 22.552 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



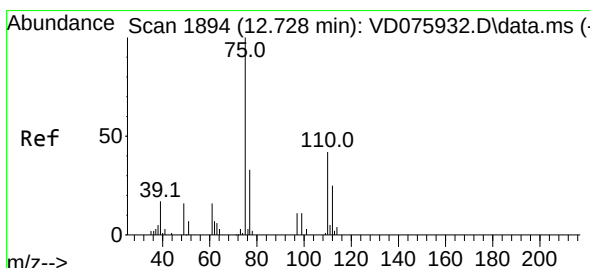
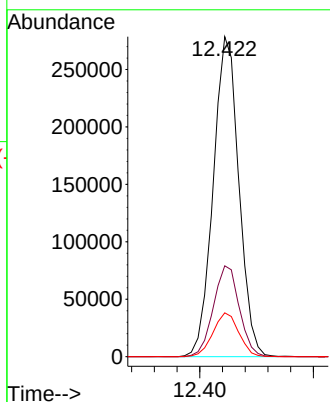
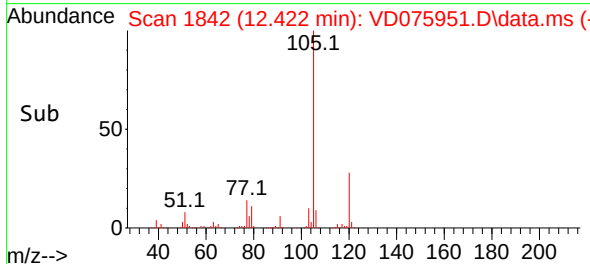
Tgt Ion:105 Resp: 43707
Ion Ratio Lower Upper
105 100
120 28.6 22.7 34.1
77 13.8 10.9 16.3

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Reviewed By :Krupa
Patel

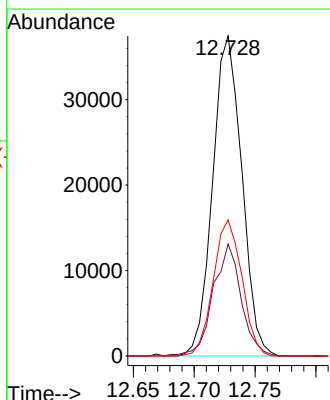
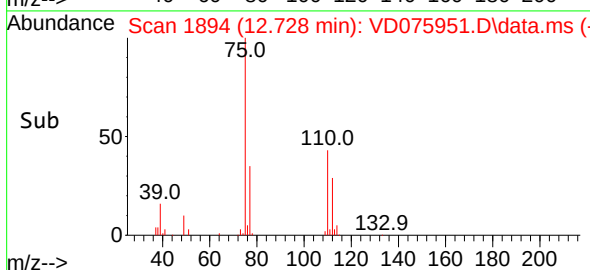
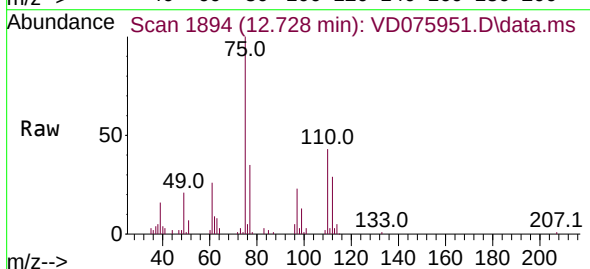
05/02/2023
Supervised By :Semsettin
Yesilyurt

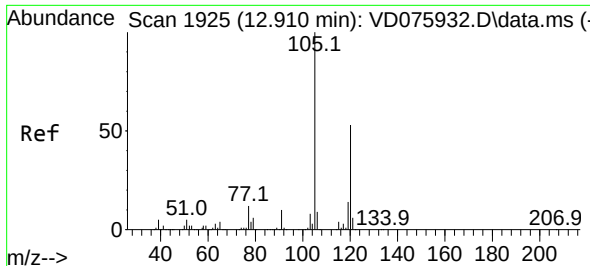
05/02/2023



#61
1,2,3-Trichloropropane
Concen: 27.215 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

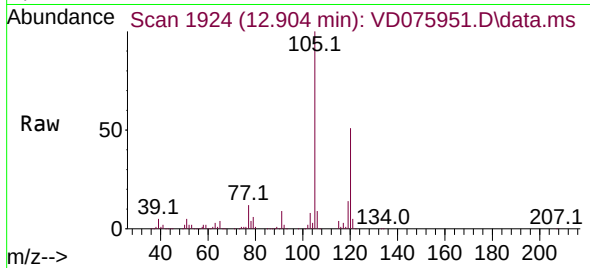
Tgt Ion: 75 Resp: 62487
Ion Ratio Lower Upper
75 100
77 33.6 26.6 39.8
110 41.8 33.5 50.3





#62
1,3,5-Trimethylbenzene
Concen: 22.328 ug/L
RT: 12.904 min Scan# 1925
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



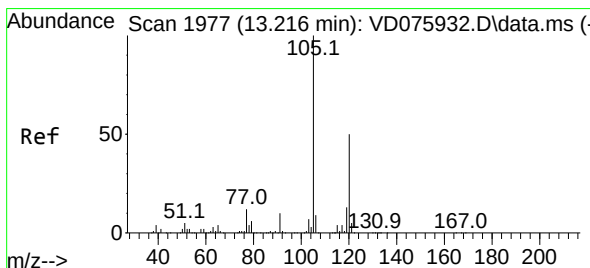
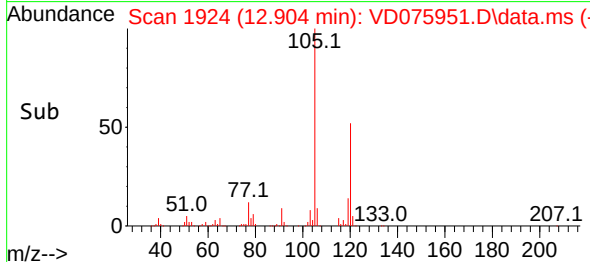
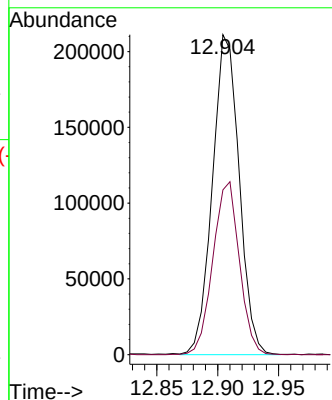
Tgt Ion:105 Resp: 322680
Ion Ratio Lower Upper
105 100
120 53.5 42.0 63.0

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Reviewed By :Krupa
Patel

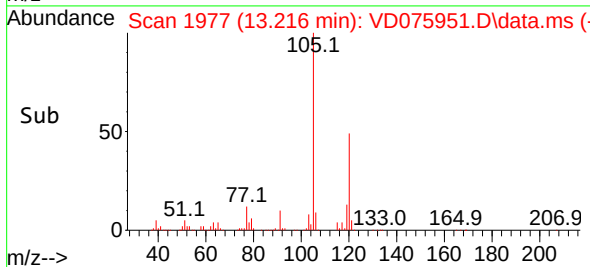
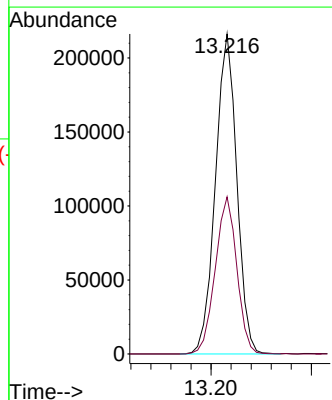
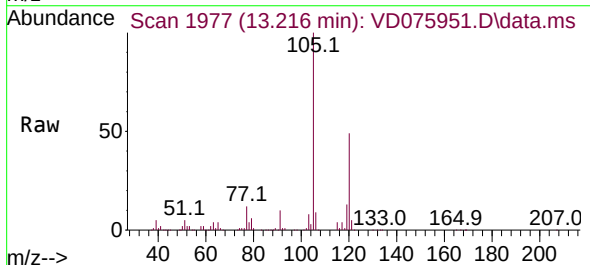
05/02/2023
Supervised By :Semsettin
Yesilyurt

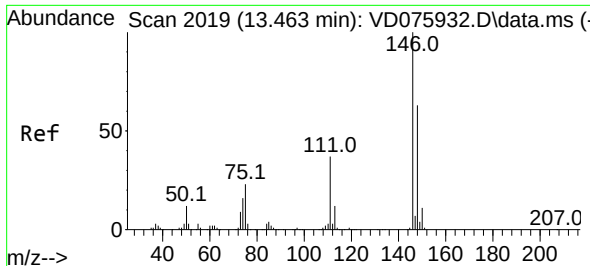
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#63
1,2,4-Trimethylbenzene
Concen: 22.951 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

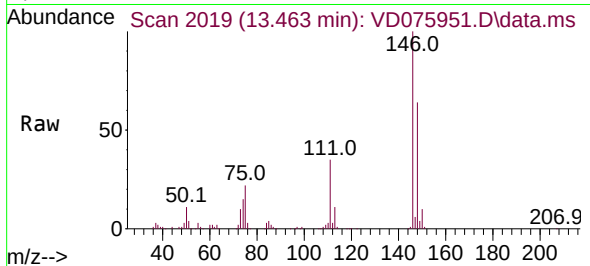
Tgt Ion:105 Resp: 319738
Ion Ratio Lower Upper
105 100
120 49.5 39.0 58.6





#64
1,3-Dichlorobenzene
Concen: 23.815 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



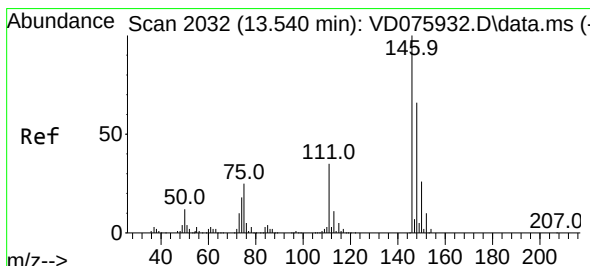
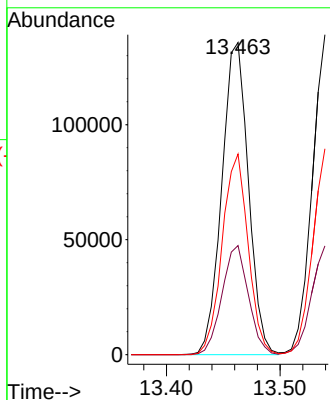
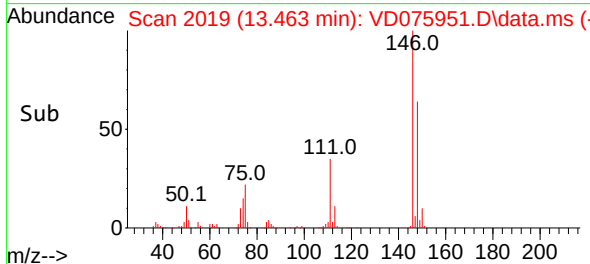
Tgt Ion:146 Resp: 22084
Ion Ratio Lower Upper
146 100
111 35.0 26.5 49.1
148 64.3 43.8 81.3

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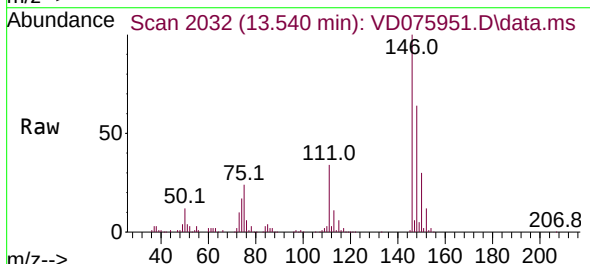
Reviewed By :Krupa
Patel

05/02/2023
Supervised By :Semsettin
Yesilyurt

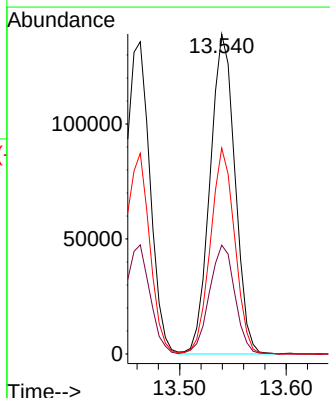
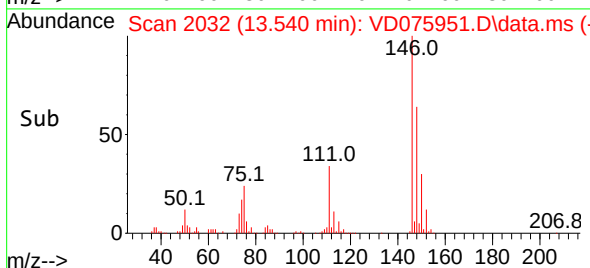
05/02/2023

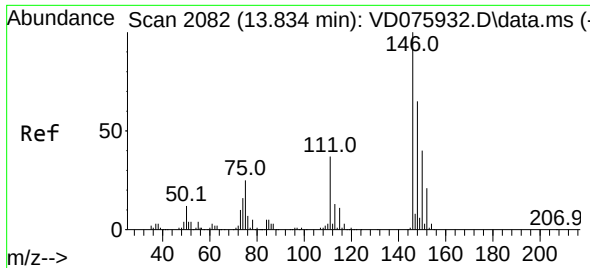


#65
1,4-Dichlorobenzene
Concen: 23.210 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57



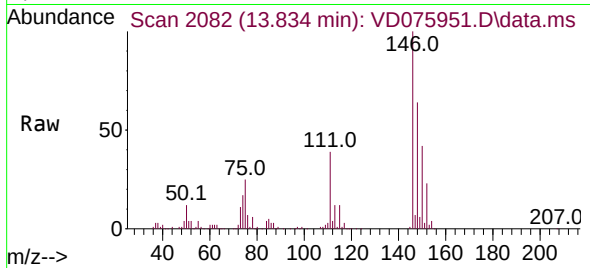
Tgt Ion:146 Resp: 225888
Ion Ratio Lower Upper
146 100
111 34.0 24.6 45.8
148 64.4 44.4 82.4





#67
1,2-Dichlorobenzene
Concen: 24.136 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



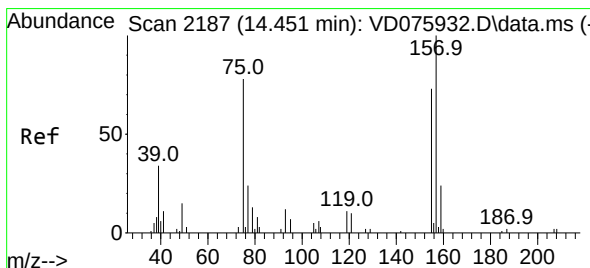
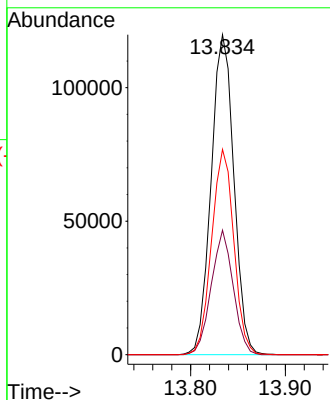
Tgt Ion:146 Resp: 19987
Ion Ratio Lower Upper
146 100
111 38.9 30.6 46.0
148 64.1 51.4 77.0

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Reviewed By :Krupa
Patel

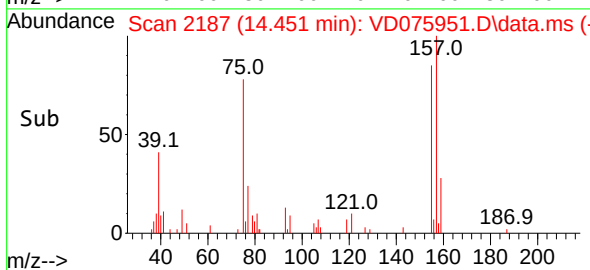
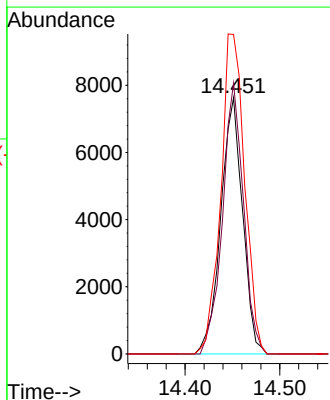
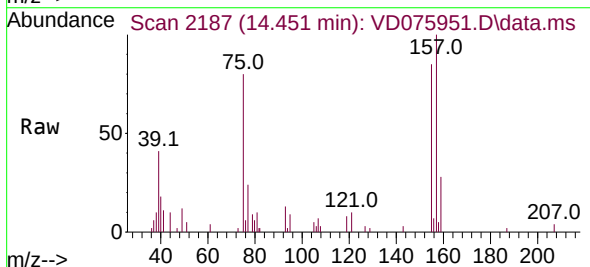
05/02/2023
Supervised By :Semsettin
Yesilyurt

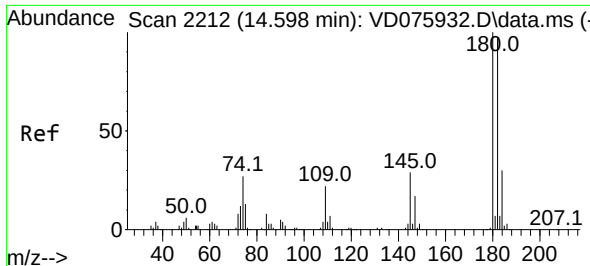
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#68
1,2-Dibromo-3-chloropropane
Concen: 26.609 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion: 75 Resp: 12214
Ion Ratio Lower Upper
75 100
155 105.7 74.6 111.8
157 124.7 109.4 164.2





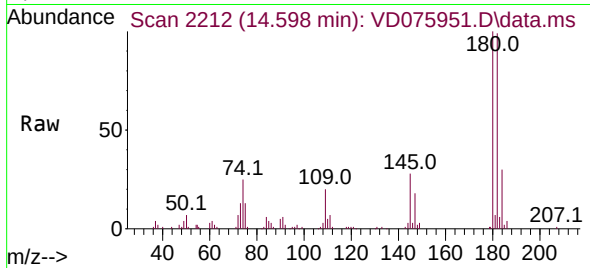
#69
 1,3,5-Trichlorobenzene
 Concen: 19.668 ug/L
 RT: 14.598 min Scan# 2212
 Delta R.T. -0.000 min
 Lab File: VD075951.D
 Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

ClientSampleId :

DCCS0MSD



Tgt Ion:180 Resp: 122249
 Ion Ratio Lower Upper
 180 100
 182 95.2 74.9 112.3
 184 29.9 25.0 37.4
 145 27.1 22.8 34.2

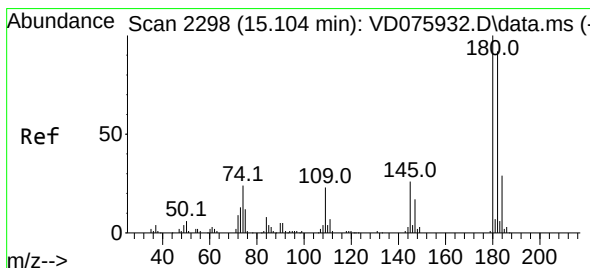
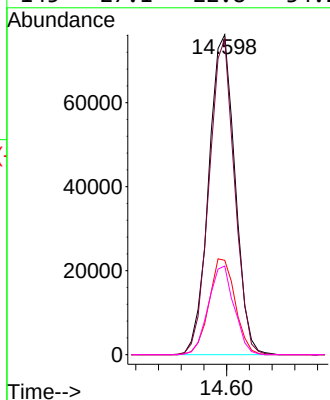
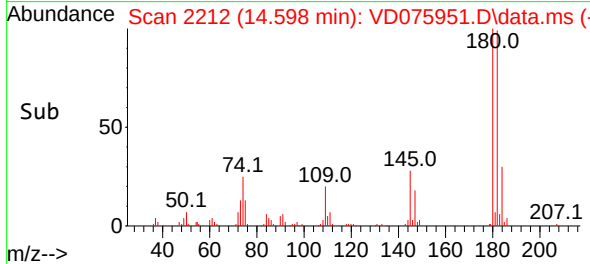
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Reviewed By :Krupa
 Patel

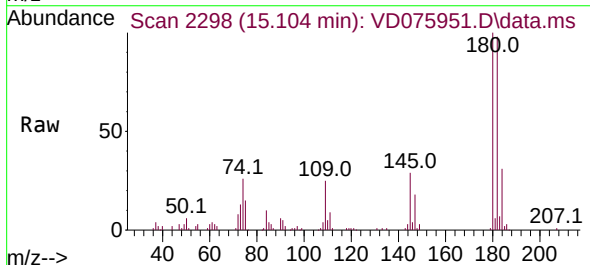
05/02/2023

Supervised By :Semsettin
 Yesilyurt

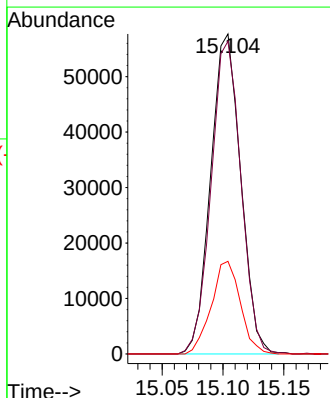
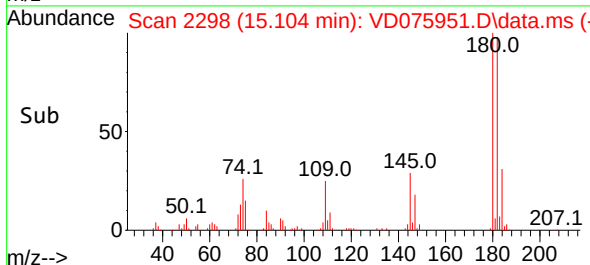
05/02/2023

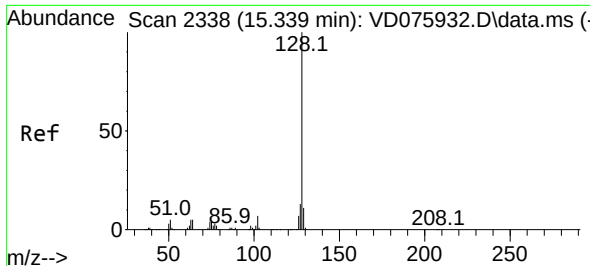


#70
 1,2,4-trichlorobenzene
 Concen: 19.230 ug/L
 RT: 15.104 min Scan# 2298
 Delta R.T. -0.000 min
 Lab File: VD075951.D
 Acq: 01 May 2023 20:57



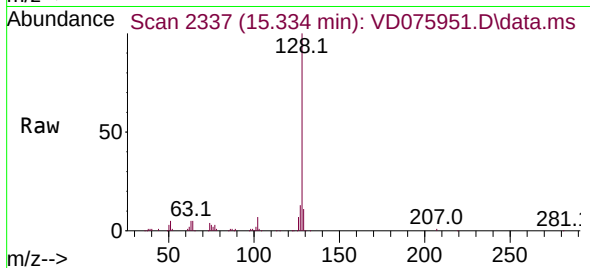
Tgt Ion:180 Resp: 99050
 Ion Ratio Lower Upper
 180 100
 182 97.0 75.4 113.2
 145 27.9 23.6 35.4





#71
Naphthalene
Concen: 23.613 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :
DCCS0MSD



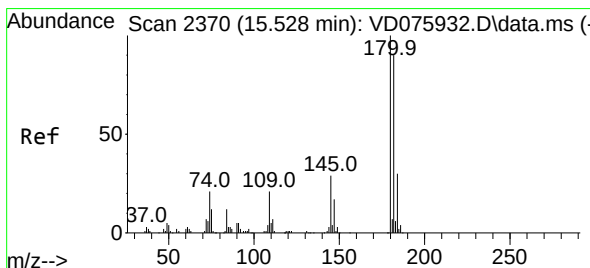
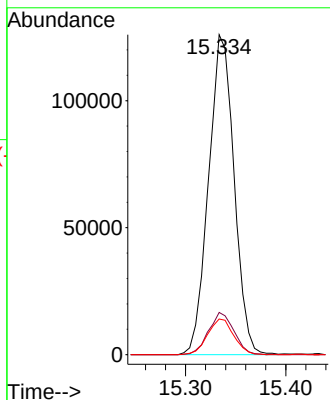
Tgt Ion:128 Resp: 222570
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.4 9.1 13.7

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Reviewed By :Krupa
Patel

05/02/2023
Supervised By :Semsettin
Yesilyurt

05/02/2023



#72
1,2,3-Trichlorobenzene
Concen: 21.786 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion:180 Resp: 100170
Ion Ratio Lower Upper
180 100
182 93.9 76.3 114.5
145 29.4 25.0 37.6

