

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071223\
 Data File : VD076722.D
 Acq On : 12 Jul 2023 09:14
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

07/13/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Jul 12 09:33:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	170080	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	309607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	249104	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	135383	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	87681	51.454	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.900%	
35) Dibromofluoromethane	7.805	113	98150	53.363	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.720%	
50) Toluene-d8	10.269	98	347392	49.803	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.600%	
62) 4-Bromofluorobenzene	12.575	95	114434	50.549	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.100%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	64280	49.738	ug/l	100
3) Chloromethane	2.146	50	124972	46.496	ug/l	99
4) Vinyl Chloride	2.276	62	175699	58.600	ug/l	100
5) Bromomethane	2.681	94	124750	63.991	ug/l	96
6) Chloroethane	2.828	64	127721	62.151	ug/l	94
7) Trichlorofluoromethane	3.164	101	125240	50.757	ug/l	98
8) Diethyl Ether	3.587	74	42682	45.963	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.958	101	87012	54.756	ug/l	92
10) Methyl Iodide	4.158	142	78865	41.862	ug/l	91
11) Tert butyl alcohol	5.058	59	30431	206.833	ug/l	96
12) 1,1-Dichloroethene	3.934	96	76479	49.141	ug/l	# 79
13) Acrolein	3.787	56	29399	185.514	ug/l	96
14) Allyl chloride	4.558	41	113118	39.744	ug/l	# 89
15) Acrylonitrile	5.252	53	112394	235.375	ug/l	98
16) Acetone	4.022	43	107222	264.419	ug/l	89
17) Carbon Disulfide	4.264	76	198252	46.623	ug/l	100
18) Methyl Acetate	4.564	43	76990	41.199	ug/l	89
19) Methyl tert-butyl Ether	5.311	73	214767	50.450	ug/l	99
20) Methylene Chloride	4.799	84	105109	45.553	ug/l	# 81
21) trans-1,2-Dichloroethene	5.305	96	90077	50.077	ug/l	93
22) Diisopropyl ether	6.211	45	273967	44.516	ug/l	96
23) Vinyl Acetate	6.152	43	678933	222.563	ug/l	# 91
24) 1,1-Dichloroethane	6.105	63	174305	50.720	ug/l	97
25) 2-Butanone	7.081	43	145597	232.144	ug/l	# 86
26) 2,2-Dichloropropane	7.075	77	148171	50.008	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	111328	51.139	ug/l	92
28) Bromochloromethane	7.422	49	45575	45.863	ug/l	# 71
29) Tetrahydrofuran	7.440	42	83714	207.696	ug/l	88
30) Chloroform	7.587	83	181635	53.377	ug/l	95
31) Cyclohexane	7.875	56	139571	52.970	ug/l	98
32) 1,1,1-Trichloroethane	7.787	97	163858	59.570	ug/l	99
36) 1,1-Dichloropropene	8.005	75	140646	54.605	ug/l	97
37) Ethyl Acetate	7.164	43	60087	40.259	ug/l	93
38) Carbon Tetrachloride	7.987	117	130950	56.882	ug/l	98
39) Methylcyclohexane	9.269	83	164197	54.323	ug/l	94
40) Benzene	8.246	78	428507	54.555	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.405	41	35830	42.513	ug/l	#	80
42) 1,2-Dichloroethane	8.328	62	112891	53.191	ug/l		95
43) Isopropyl Acetate	8.358	43	122773	43.450	ug/l		90
44) Trichloroethene	9.028	130	109739	51.792	ug/l		92
45) 1,2-Dichloropropane	9.305	63	112359	52.760	ug/l		99
46) Dibromomethane	9.393	93	61943	54.296	ug/l		88
47) Bromodichloromethane	9.581	83	155903	57.105	ug/l		100
48) Methyl methacrylate	9.381	41	57847	44.666	ug/l	#	82
49) 1,4-Dioxane	9.387	88	15024	1099.130	ug/l	#	91
51) 4-Methyl-2-Pentanone	10.157	43	327200	226.532	ug/l		91
52) Toluene	10.334	92	259214	52.590	ug/l		98
53) t-1,3-Dichloropropene	10.552	75	139998	50.535	ug/l		100
54) cis-1,3-Dichloropropene	10.016	75	171411	52.188	ug/l	#	91
55) 1,1,2-Trichloroethane	10.734	97	78642	49.280	ug/l		94
56) Ethyl methacrylate	10.599	69	100985	48.465	ug/l	#	88
57) 1,3-Dichloropropane	10.875	76	131758	48.224	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.869	63	206770	234.065	ug/l		94
59) 2-Hexanone	10.922	43	222327	221.282	ug/l		90
60) Dibromochloromethane	11.075	129	89313	48.091	ug/l		95
61) 1,2-Dibromoethane	11.181	107	71473	47.711	ug/l		100
64) Tetrachloroethene	10.810	164	71982	48.140	ug/l		94
65) Chlorobenzene	11.604	112	262291	55.423	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.681	131	94230	55.676	ug/l		99
67) Ethyl Benzene	11.681	91	486779	58.050	ug/l		93
68) m/p-Xylenes	11.793	106	395826	120.923	ug/l		93
69) o-Xylene	12.122	106	194419	62.394	ug/l		92
70) Styrene	12.134	104	344648	64.030	ug/l		98
71) Bromoform	12.299	173	57418	56.502	ug/l	#	100
73) Isopropylbenzene	12.422	105	517670	56.793	ug/l		95
74) N-amyl acetate	12.234	43	118713	44.487	ug/l		91
75) 1,1,2,2-Tetrachloroethane	12.675	83	110093	58.532	ug/l		97
76) 1,2,3-Trichloropropane	12.722	75	67770m	50.438	ug/l		
77) Bromobenzene	12.698	156	110424	49.104	ug/l		82
78) n-propylbenzene	12.763	91	636342	56.540	ug/l		96
79) 2-Chlorotoluene	12.846	91	340293	55.061	ug/l		94
80) 1,3,5-Trimethylbenzene	12.904	105	419922	56.413	ug/l		95
81) trans-1,4-Dichloro-2-b...	12.469	75	32230	52.561	ug/l		98
82) 4-Chlorotoluene	12.946	91	353456	55.069	ug/l		93
83) tert-Butylbenzene	13.163	119	368674	55.740	ug/l		97
84) 1,2,4-Trimethylbenzene	13.210	105	420248	56.023	ug/l		96
85) sec-Butylbenzene	13.346	105	574689	58.551	ug/l		94
86) p-Isopropyltoluene	13.457	119	471640	57.507	ug/l		96
87) 1,3-Dichlorobenzene	13.457	146	234659	53.124	ug/l		98
88) 1,4-Dichlorobenzene	13.534	146	226426	51.397	ug/l		95
89) n-Butylbenzene	13.787	91	466978	58.376	ug/l		97
90) Hexachloroethane	14.051	117	88549	58.507	ug/l		81
91) 1,2-Dichlorobenzene	13.828	146	203872	52.818	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14489	51.178	ug/l		98
93) 1,2,4-Trichlorobenzene	15.098	180	123037	47.829	ug/l		96
94) Hexachlorobutadiene	15.204	225	57805	46.220	ug/l		99
95) Naphthalene	15.328	128	265951	51.701	ug/l		97
96) 1,2,3-Trichlorobenzene	15.522	180	109740	48.964	ug/l		98

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Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

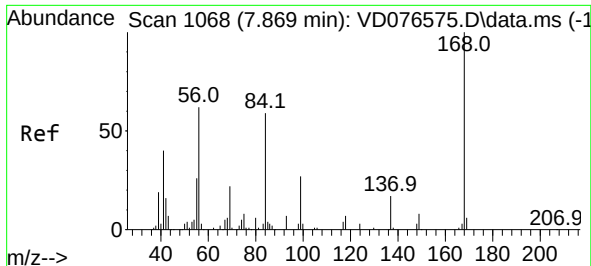
Reviewed By :John
Carlone

07/13/2023
Supervised By :Mahesh
Dadoda

07/13/2023

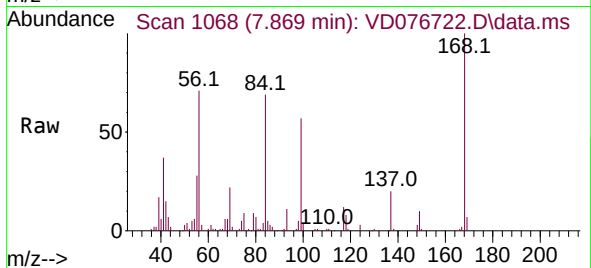
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
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ClientSampleId :
VSTDCCC050



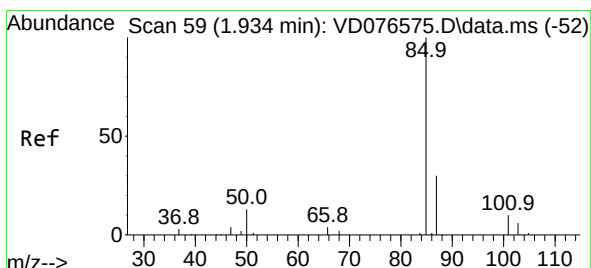
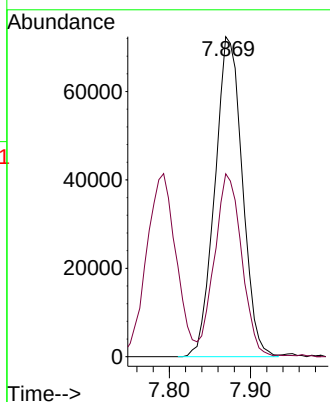
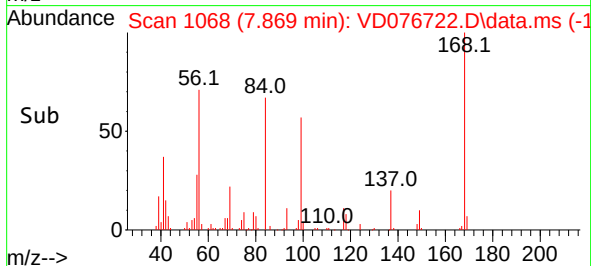
Tgt Ion:168 Resp: 170080
Ion Ratio Lower Upper
168 100
99 56.7 36.7 55.1

Manual Integrations
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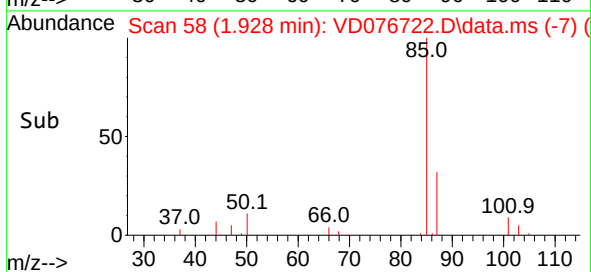
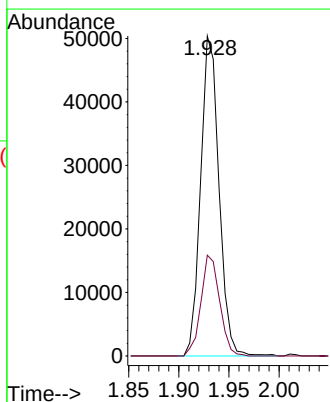
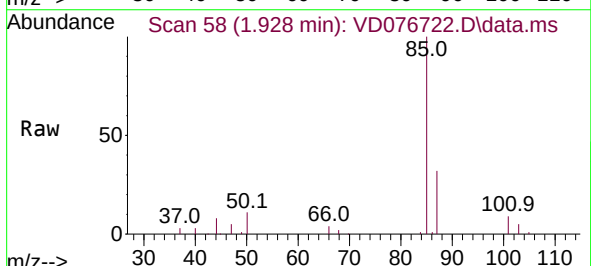
07/13/2023
Supervised By :Mahesh
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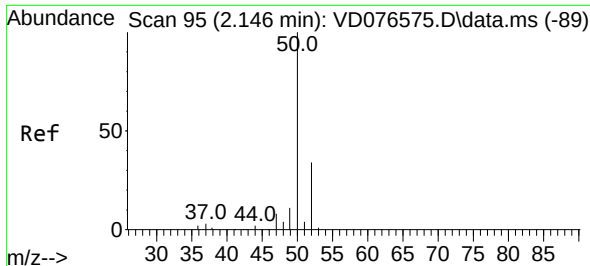
07/13/2023



#2
Dichlorodifluoromethane
Concen: 49.738 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

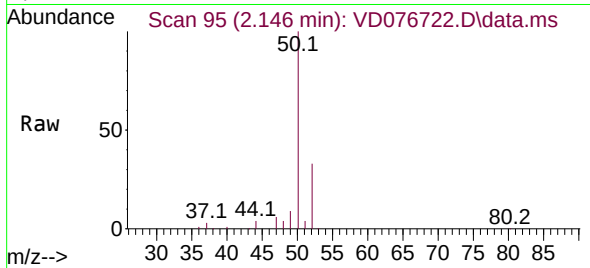
Tgt Ion: 85 Resp: 64280
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.0





#3
Chloromethane
Concen: 46.496 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
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ClientSampleId :
VSTDCCC050



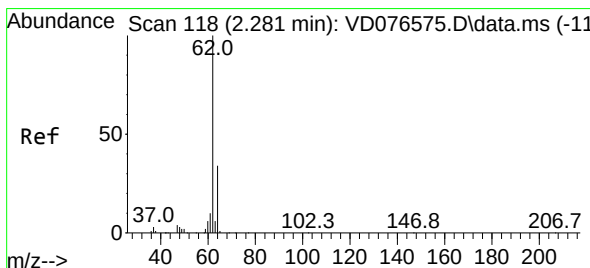
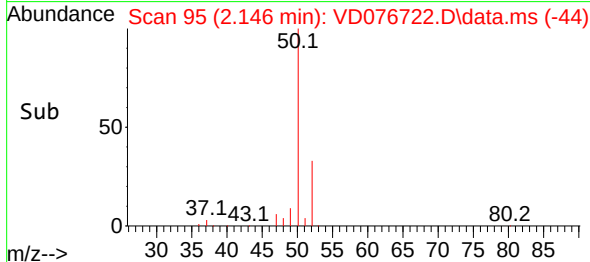
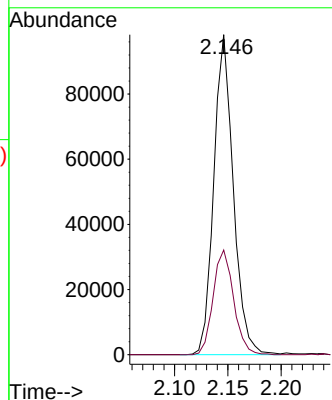
Tgt Ion: 50 Resp: 124972
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0

Manual Integrations
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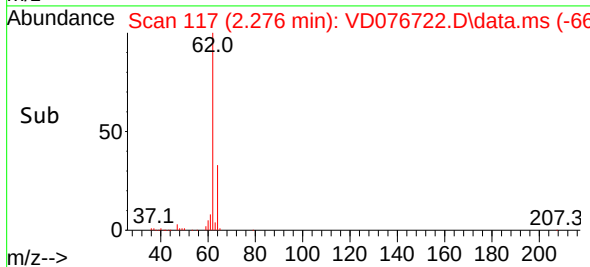
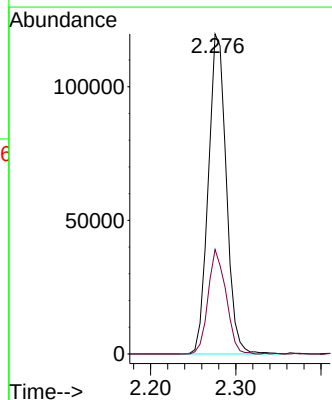
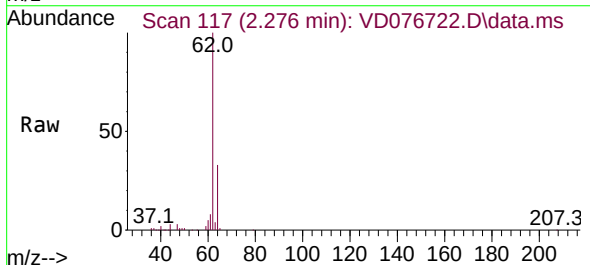
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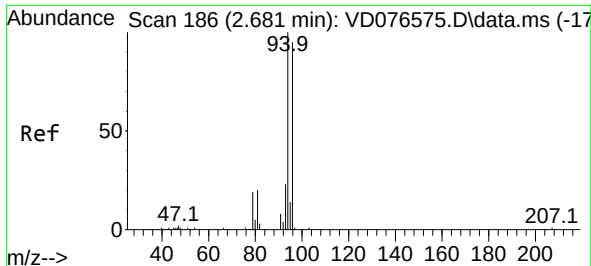
07/13/2023



#4
Vinyl Chloride
Concen: 58.600 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

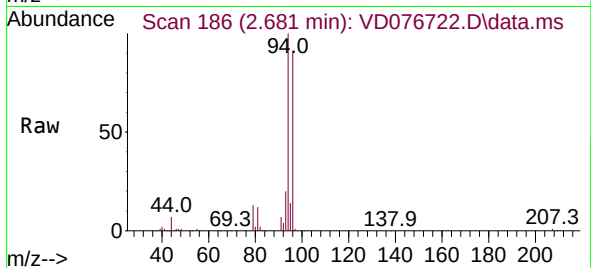
Tgt Ion: 62 Resp: 175699
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0





#5
Bromomethane
Concen: 63.991 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



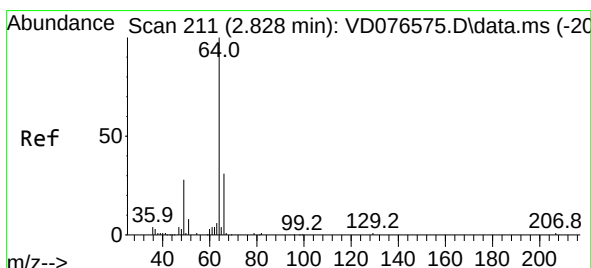
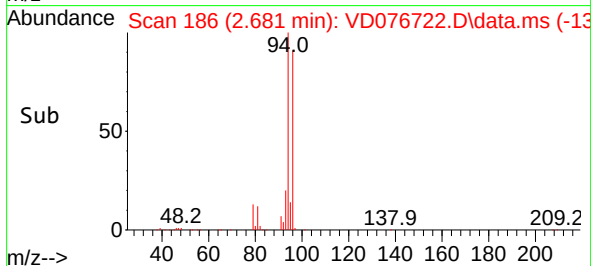
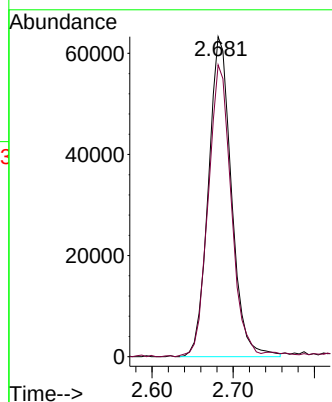
Tgt Ion: 94 Resp: 124750
Ion Ratio Lower Upper
94 100
96 90.9 75.8 113.8

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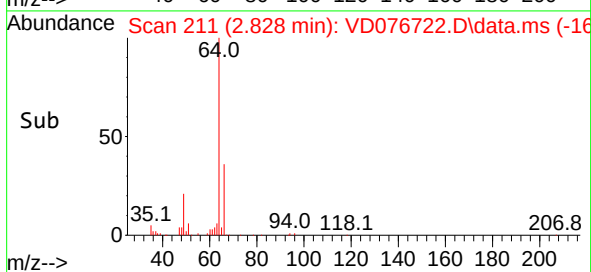
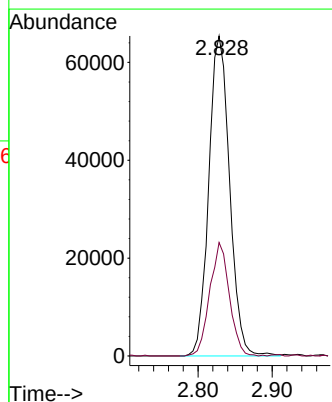
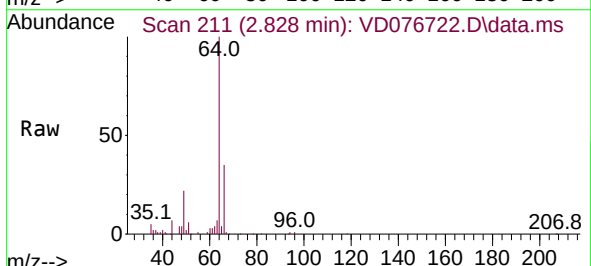
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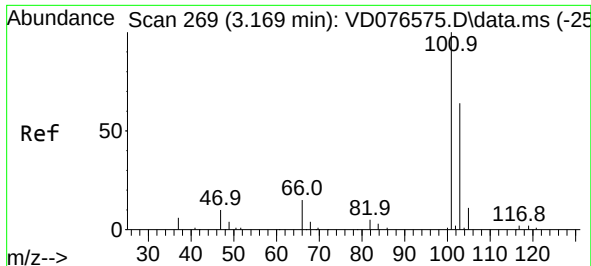
07/13/2023



#6
Chloroethane
Concen: 62.151 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

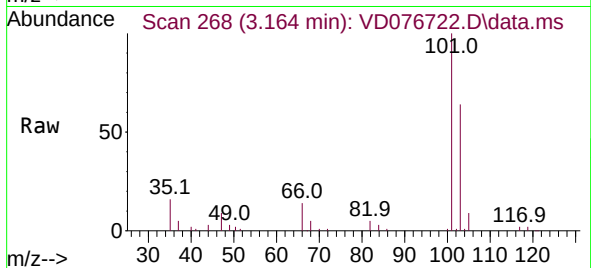
Tgt Ion: 64 Resp: 127721
Ion Ratio Lower Upper
64 100
66 35.5 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 50.757 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD076722.D
 Acq: 12 Jul 2023 09:14

Instrument :
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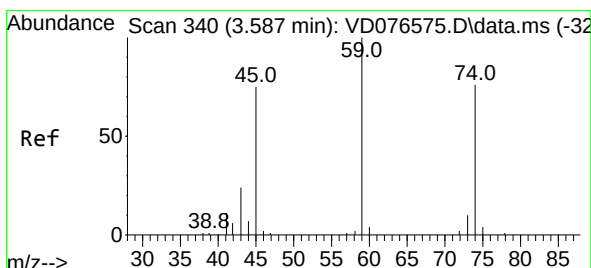
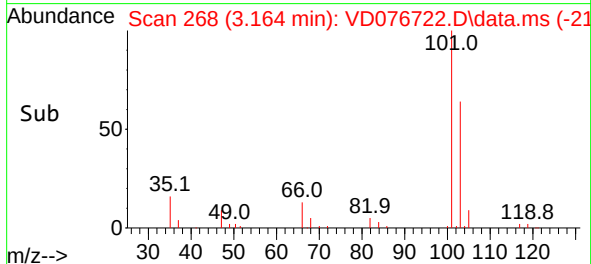
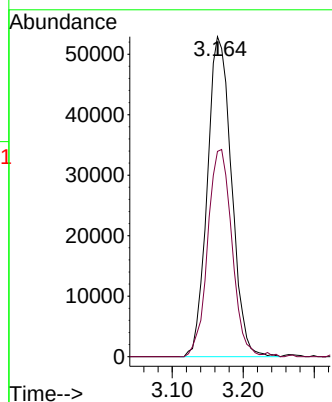
Tgt Ion:101 Resp: 125240
 Ion Ratio Lower Upper
 101 100
 103 64.2 52.3 78.5

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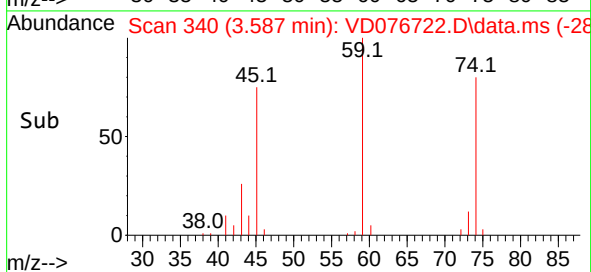
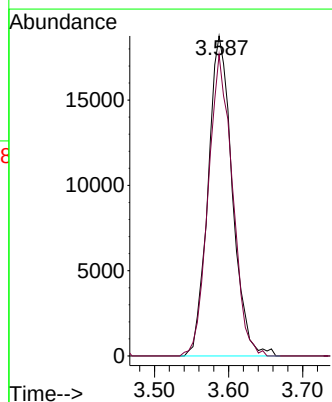
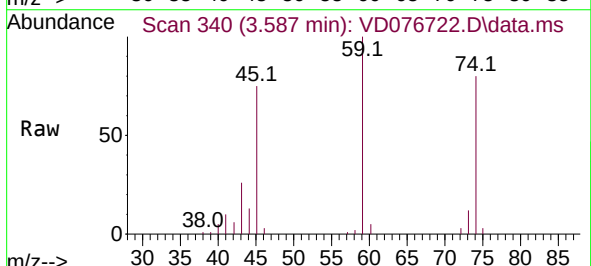
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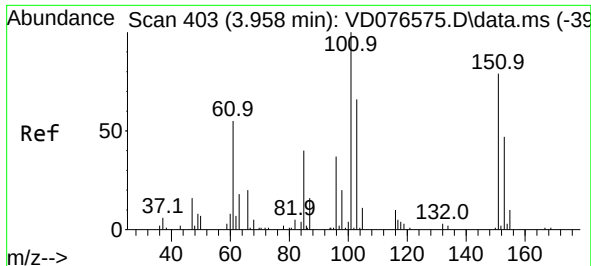
07/13/2023



#8
 Diethyl Ether
 Concen: 45.963 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076722.D
 Acq: 12 Jul 2023 09:14

Tgt Ion: 74 Resp: 42682
 Ion Ratio Lower Upper
 74 100
 45 94.0 37.5 112.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.756 ug/l
RT: 3.958 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

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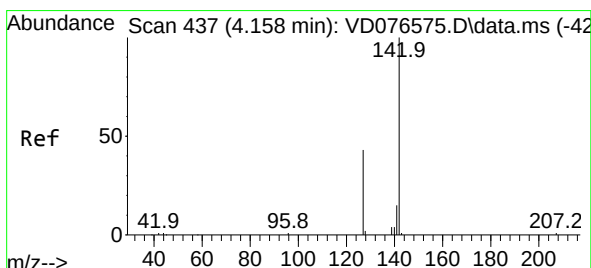
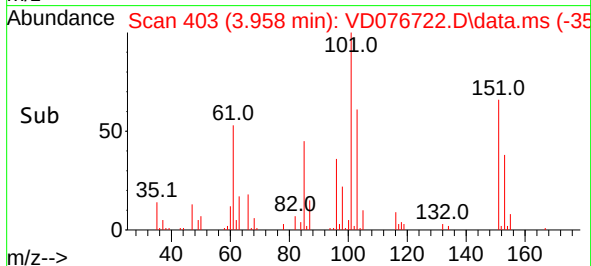
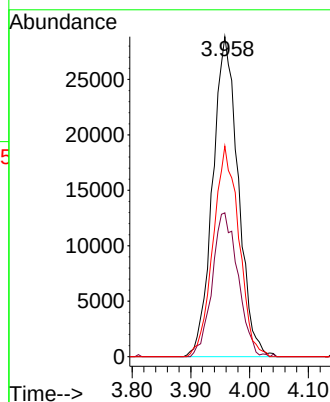
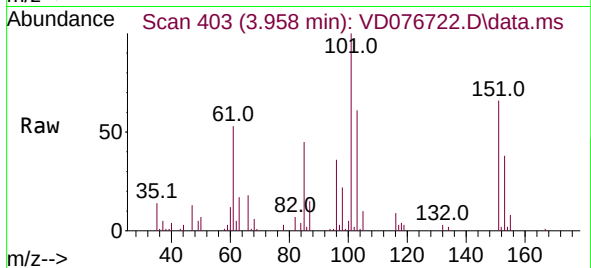
Tgt Ion:101 Resp: 8701
Ion Ratio Lower Upper
101 100
85 45.4 33.8 50.6
151 66.5 59.8 89.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

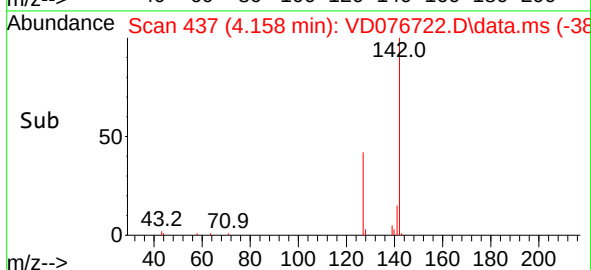
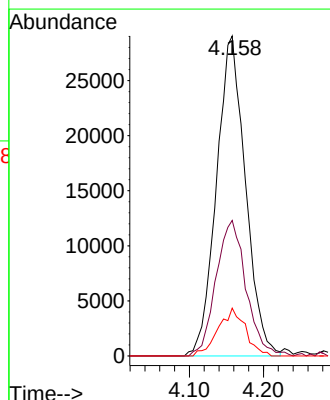
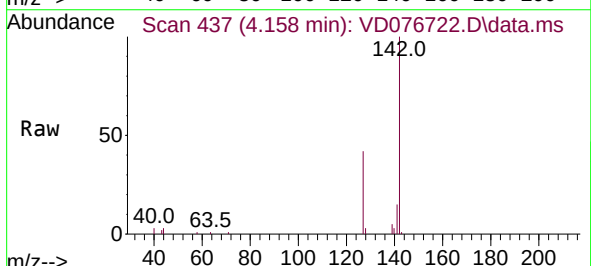
07/13/2023
Supervised By :Mahesh
Dadoda

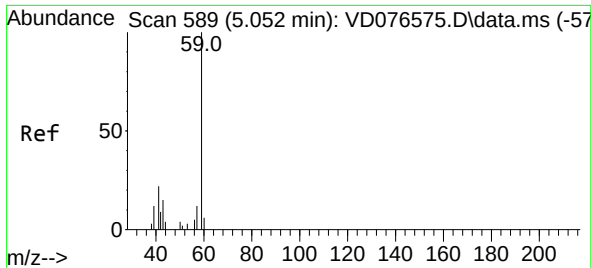
07/13/2023



#10
Methyl Iodide
Concen: 41.862 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

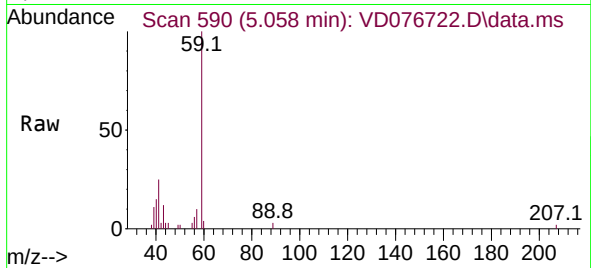
Tgt Ion:142 Resp: 78865
Ion Ratio Lower Upper
142 100
127 44.0 29.4 44.0
141 14.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 206.833 ug/l
RT: 5.058 min Scan# 589
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



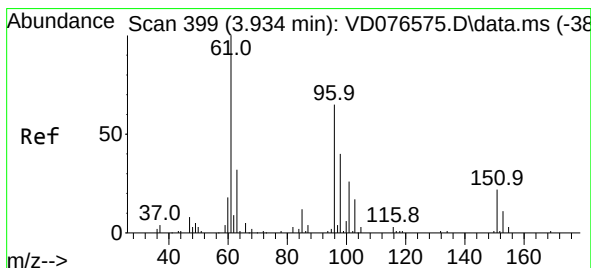
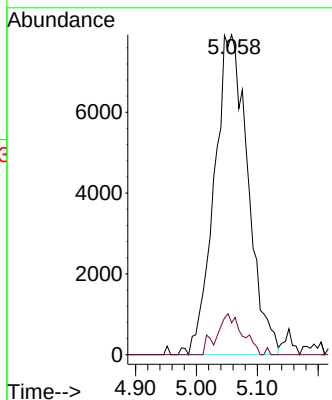
Tgt Ion: 59 Resp: 3043
Ion Ratio Lower Upper
59 100
57 8.4 7.8 11.8

Manual Integrations
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Reviewed By :John
Carlone

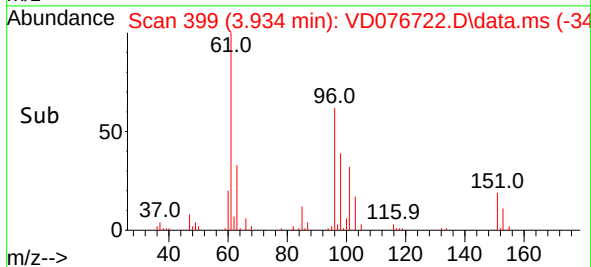
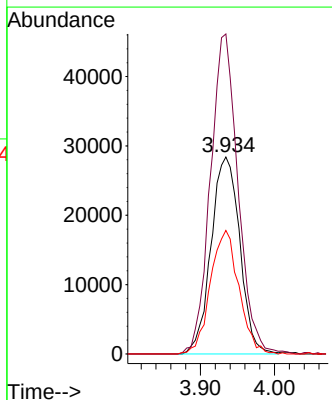
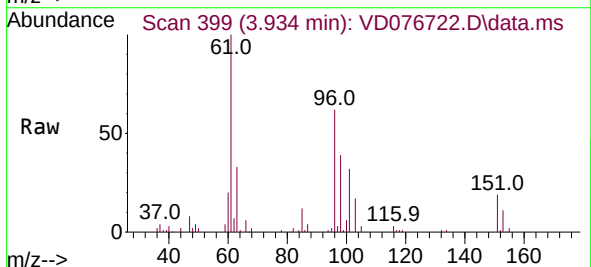
07/13/2023
Supervised By :Mahesh
Dadoda

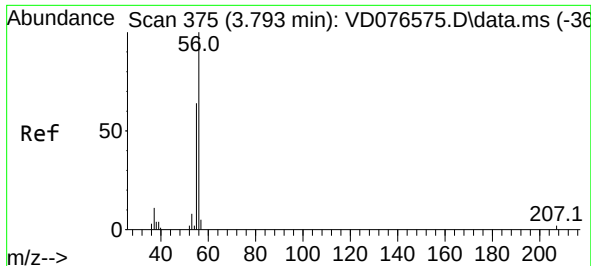
07/13/2023



#12
1,1-Dichloroethene
Concen: 49.141 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

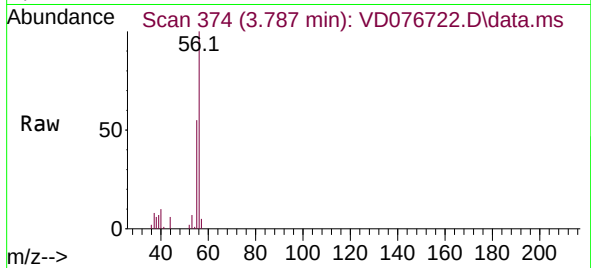
Tgt Ion: 96 Resp: 76479
Ion Ratio Lower Upper
96 100
61 162.4 100.6 150.8#
98 62.7 50.2 75.2





#13
Acrolein
Concen: 185.514 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



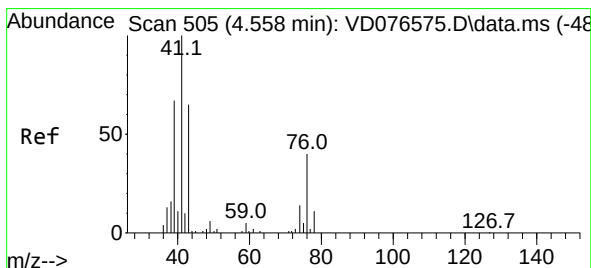
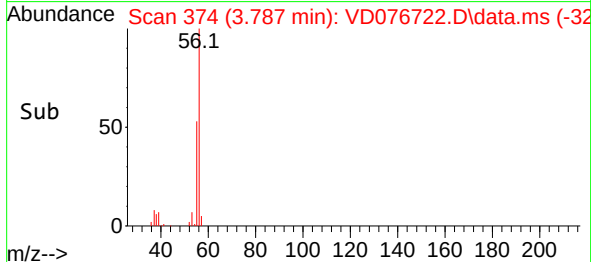
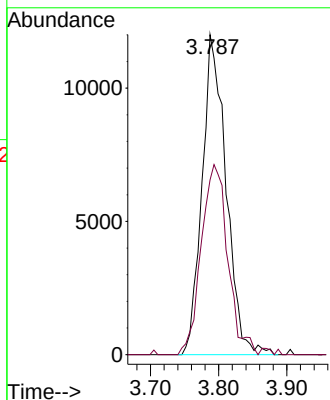
Tgt Ion: 56 Resp: 29399
Ion Ratio Lower Upper
56 100
55 65.6 55.1 82.7

Manual Integrations
APPROVED

Reviewed By :John
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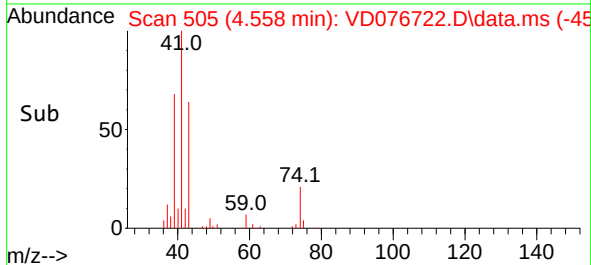
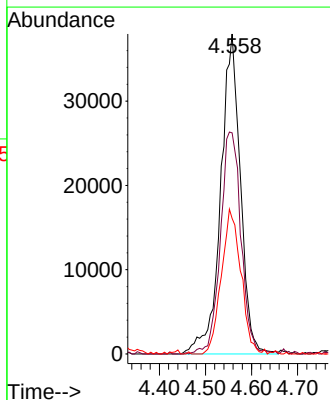
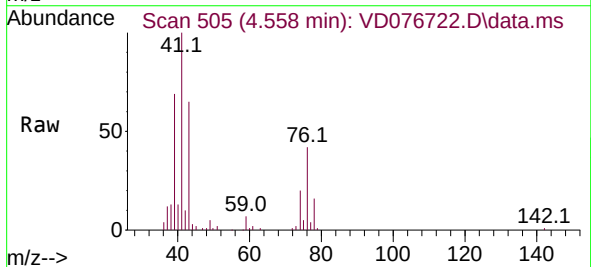
07/13/2023
Supervised By :Mahesh
Dadoda

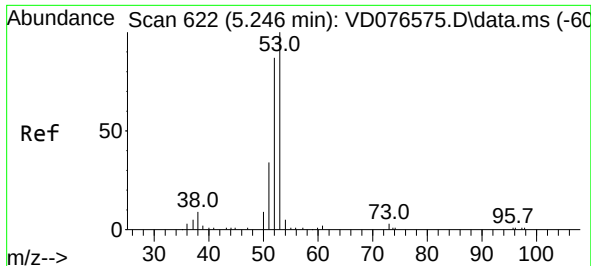
07/13/2023



#14
Allyl chloride
Concen: 39.744 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

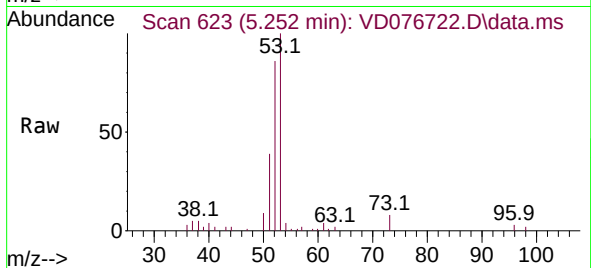
Tgt Ion: 41 Resp: 113118
Ion Ratio Lower Upper
41 100
39 72.1 53.8 80.6
76 44.4 45.8 68.8#





#15
Acrylonitrile
Concen: 235.375 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



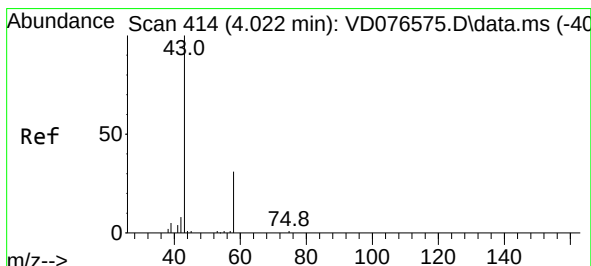
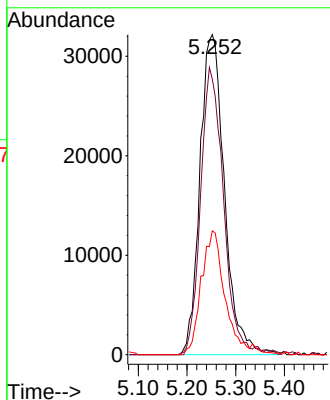
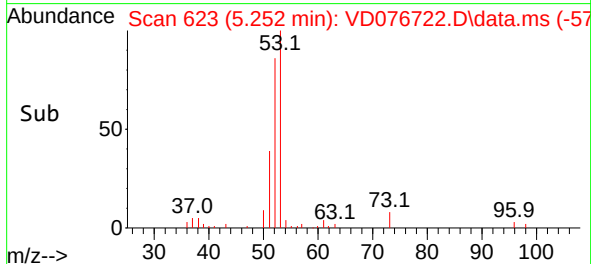
Tgt Ion: 53 Resp: 112394
Ion Ratio Lower Upper
53 100
52 83.0 65.0 97.4
51 36.6 28.3 42.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

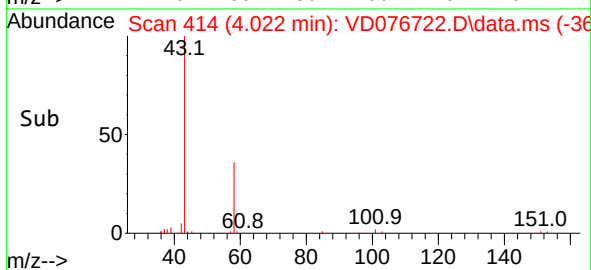
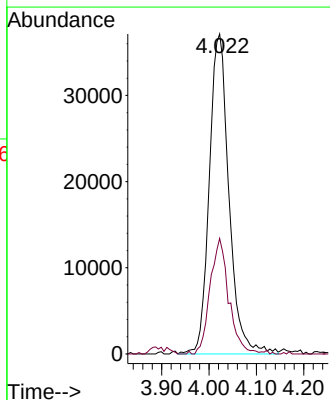
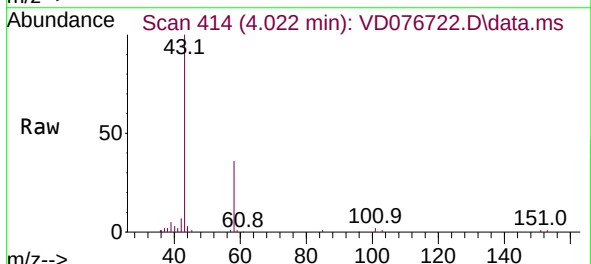
07/13/2023
Supervised By :Mahesh
Dadoda

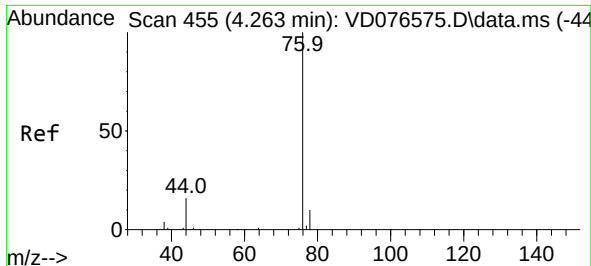
07/13/2023



#16
Acetone
Concen: 264.419 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

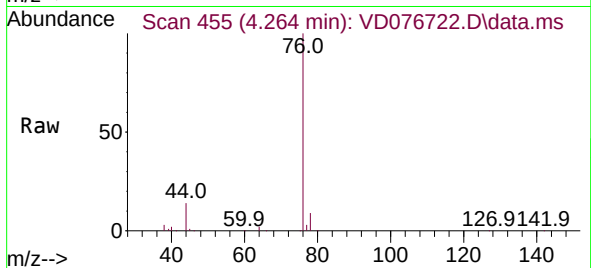
Tgt Ion: 43 Resp: 107222
Ion Ratio Lower Upper
43 100
58 36.1 34.7 52.1





#17
Carbon Disulfide
Concen: 46.623 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



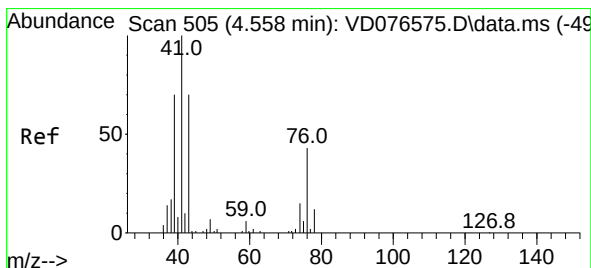
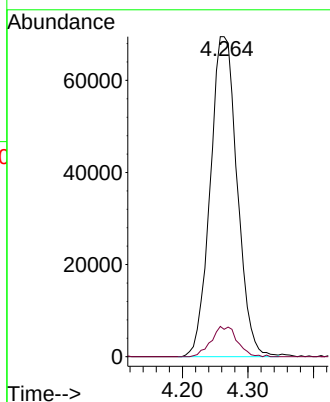
Tgt Ion: 76 Resp: 19825
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

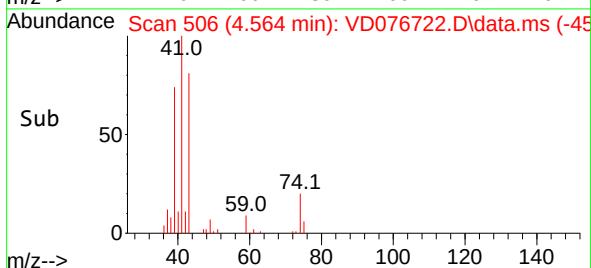
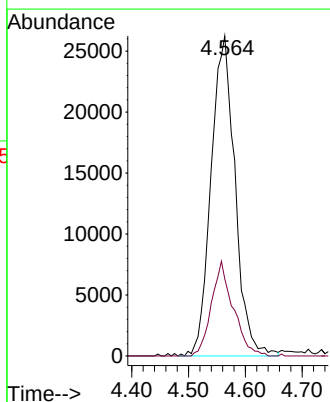
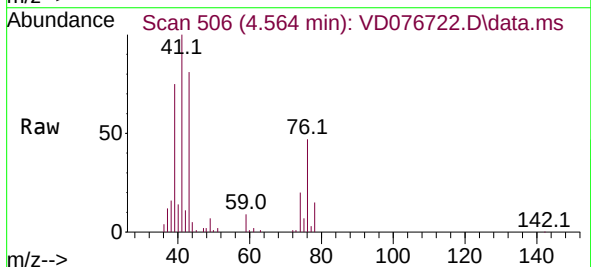
07/13/2023
Supervised By :Mahesh
Dadoda

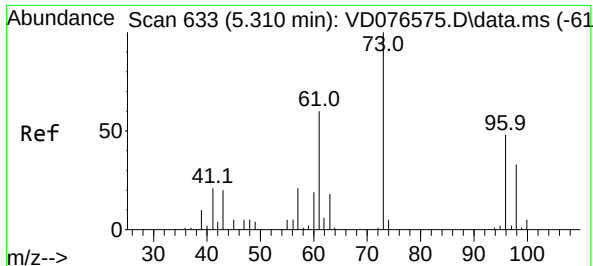
07/13/2023



#18
Methyl Acetate
Concen: 41.199 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion: 43 Resp: 76990
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 50.450 ug/l

RT: 5.311 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 21476

Ion Ratio Lower Upper

73 100

57 20.3 16.6 25.0

Manual Integrations

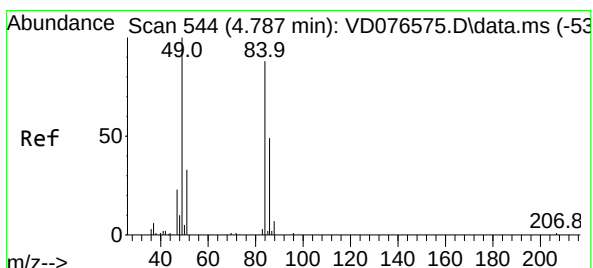
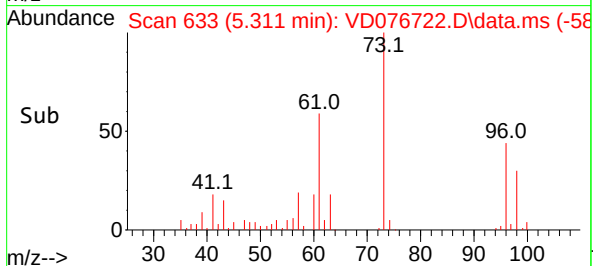
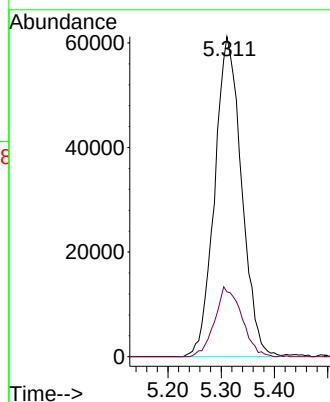
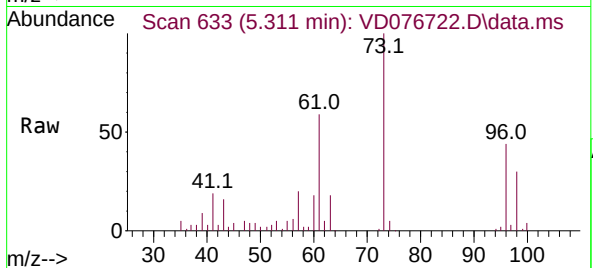
APPROVED

Reviewed By :John
Carlone

07/13/2023

Supervised By :Mahesh
Dadoda

07/13/2023



#20

Methylene Chloride

Concen: 45.553 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Tgt Ion: 84 Resp: 105109

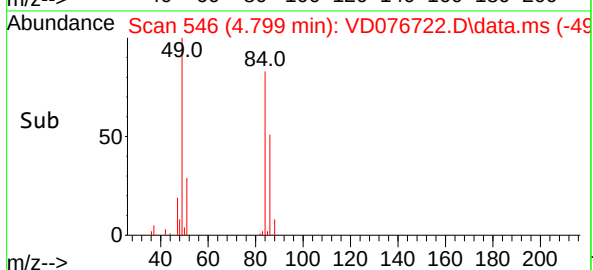
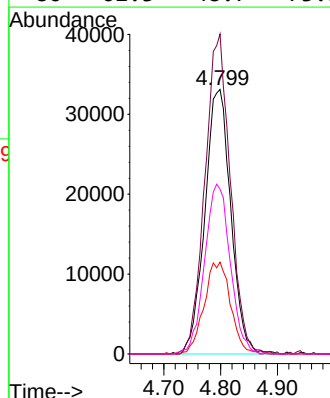
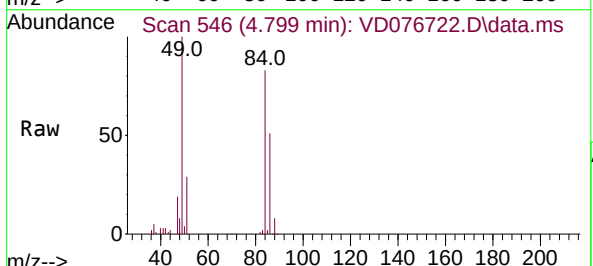
Ion Ratio Lower Upper

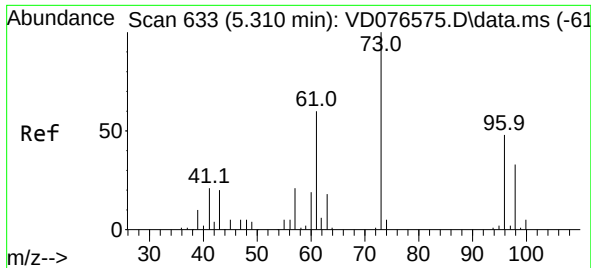
84 100

49 121.0 71.4 107.2#

51 34.7 24.5 36.7

86 62.3 48.7 73.1





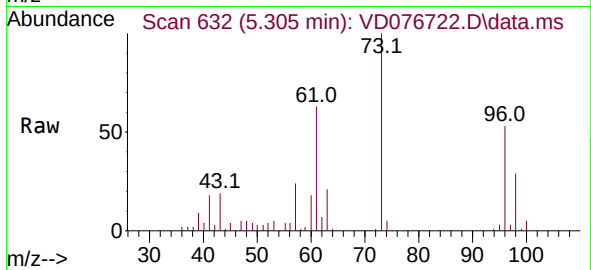
#21
trans-1,2-Dichloroethene
Concen: 50.077 ug/l
RT: 5.305 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



Tgt Ion: 96 Resp: 9007
Ion Ratio Lower Upper
96 100
61 119.3 89.3 133.9
98 55.9 48.6 73.0

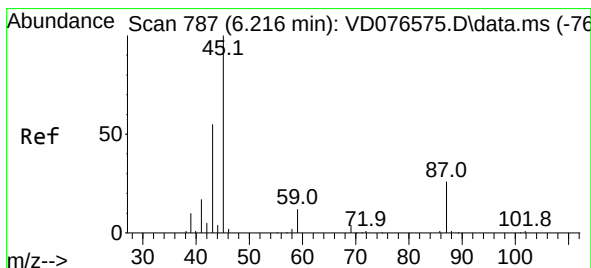
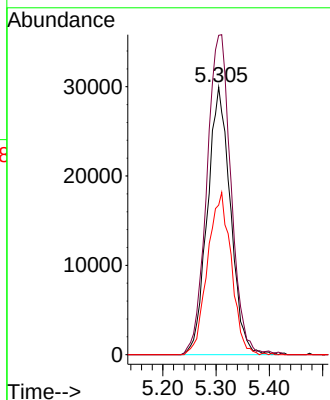
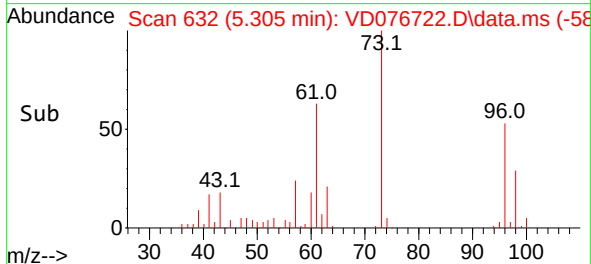
Manual Integrations
APPROVED

Reviewed By :John
Carlone

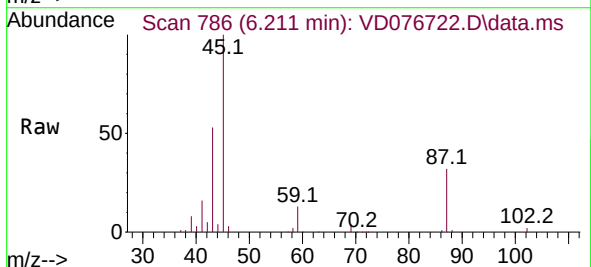
07/13/2023

Supervised By :Mahesh
Dadoda

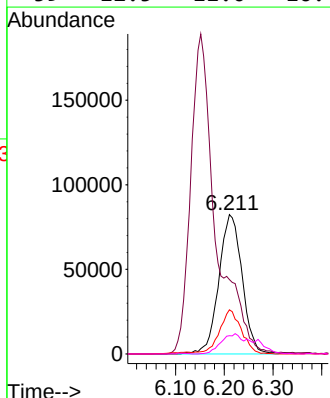
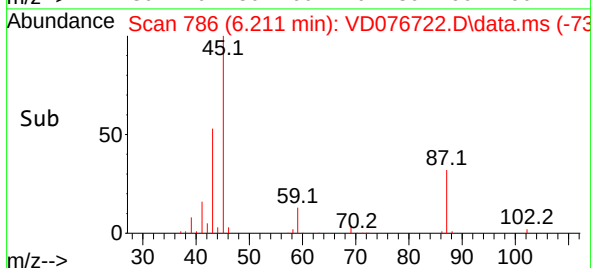
07/13/2023

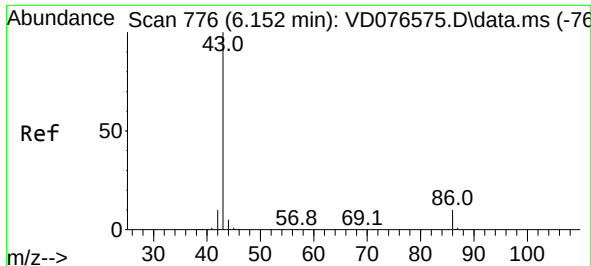


#22
Diisopropyl ether
Concen: 44.516 ug/l
RT: 6.211 min Scan# 786
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14



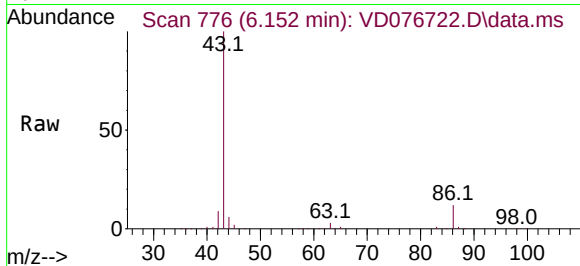
Tgt Ion: 45 Resp: 273967
Ion Ratio Lower Upper
45 100
43 52.4 40.0 60.0
87 31.7 28.2 42.4
59 12.5 11.0 16.4





#23
 Vinyl Acetate
 Concen: 222.563 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD076722.D
 Acq: 12 Jul 2023 09:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



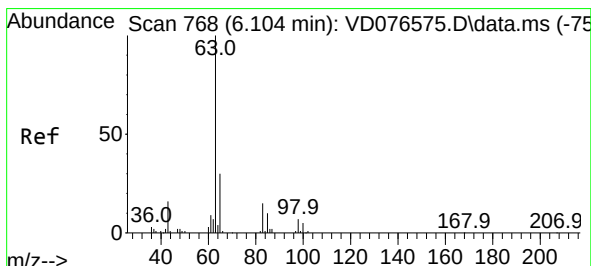
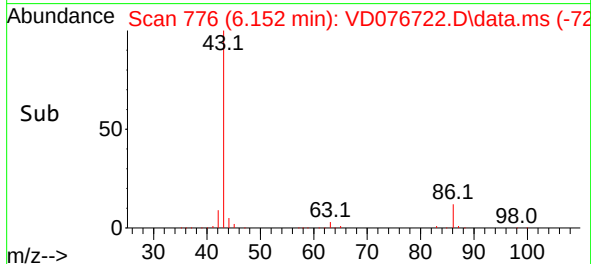
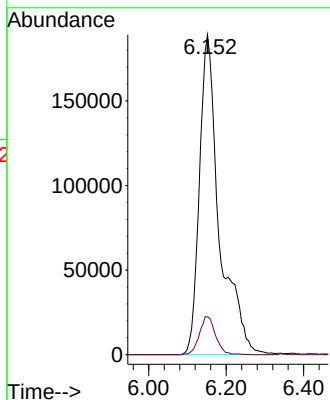
Tgt Ion: 43 Resp: 678933
 Ion Ratio Lower Upper
 43 100
 86 11.8 12.5 18.7

Manual Integrations
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Reviewed By :John
 Carlone

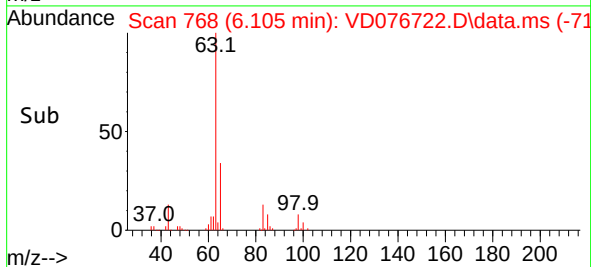
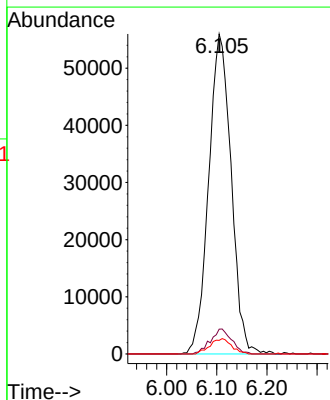
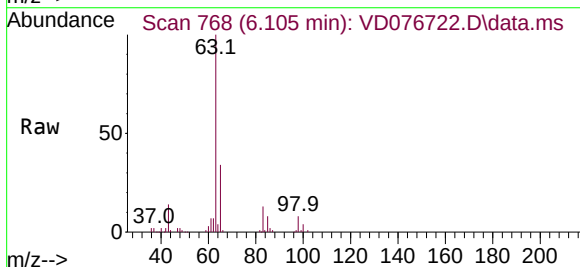
07/13/2023
 Supervised By :Mahesh
 Dadoda

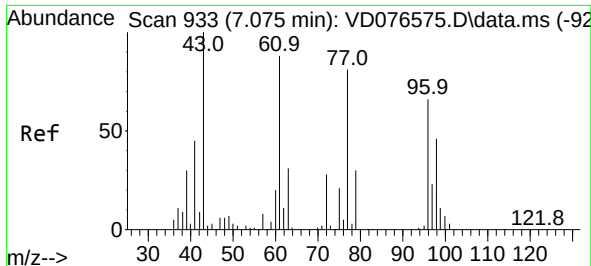
07/13/2023



#24
 1,1-Dichloroethane
 Concen: 50.720 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD076722.D
 Acq: 12 Jul 2023 09:14

Tgt Ion: 63 Resp: 174305
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 4.2 2.5 7.5





#25

2-Butanone

Concen: 232.144 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 14559

Ion Ratio Lower Upper

43 100

72 30.1 30.7 46.1

Manual Integrations

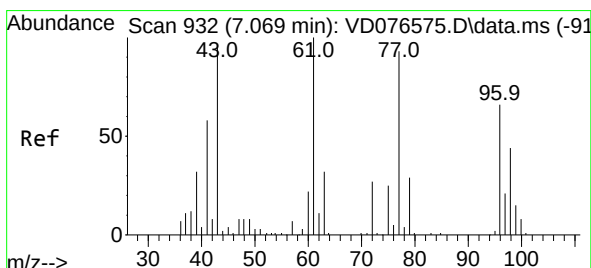
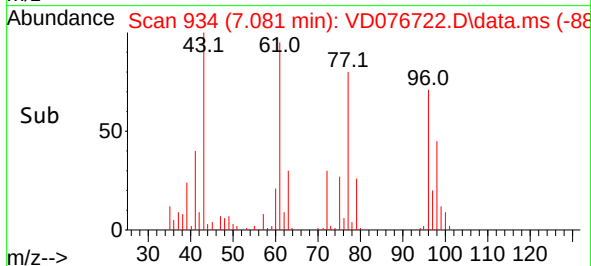
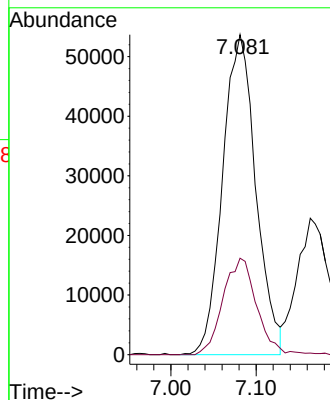
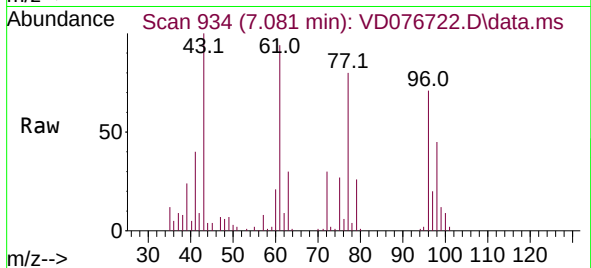
APPROVED

Reviewed By :John
Carlone

07/13/2023

Supervised By :Mahesh
Dadoda

07/13/2023



#26

2,2-Dichloropropane

Concen: 50.008 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.006 min

Lab File: VD076722.D

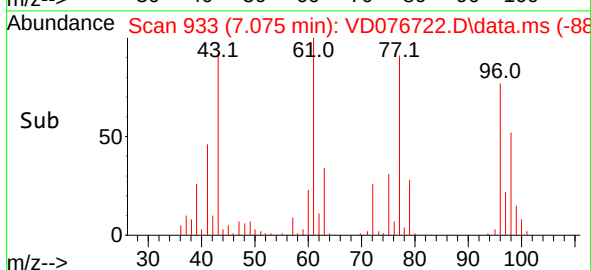
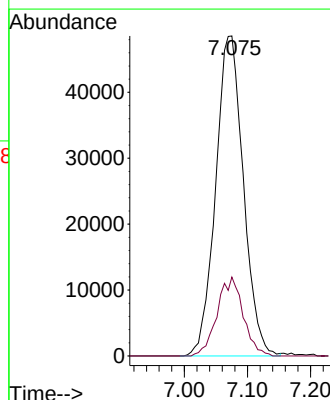
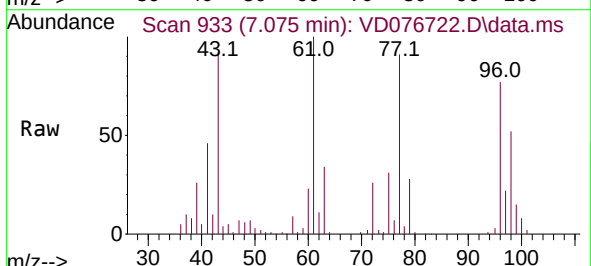
Acq: 12 Jul 2023 09:14

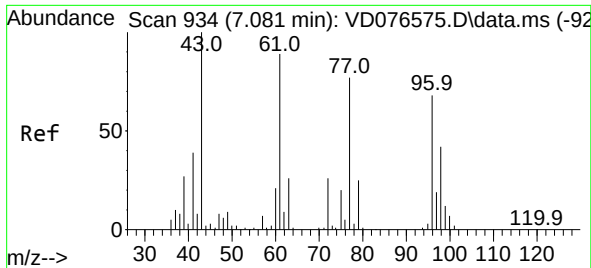
Tgt Ion: 77 Resp: 148171

Ion Ratio Lower Upper

77 100

97 23.1 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.139 ug/l
 RT: 7.075 min Scan# 913
 Delta R.T. -0.006 min
 Lab File: VD076722.D
 Acq: 12 Jul 2023 09:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

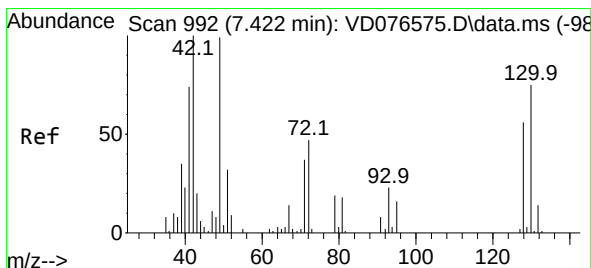
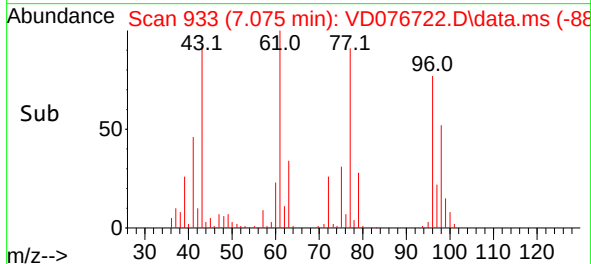
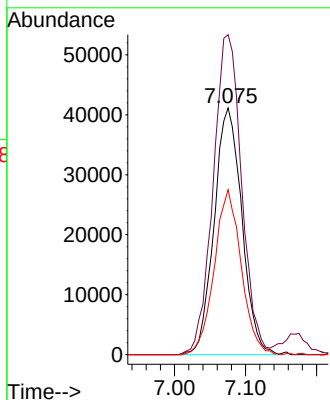
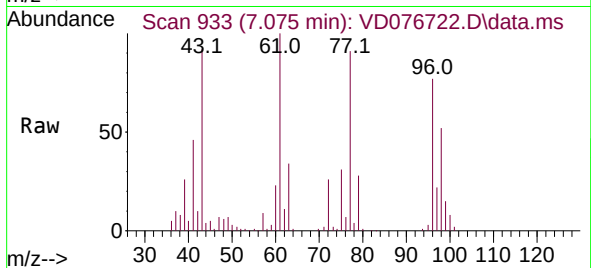
Tgt Ion: 96 Resp: 111328
 Ion Ratio Lower Upper
 96 100
 61 133.2 0.0 239.2
 98 65.1 0.0 128.6

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

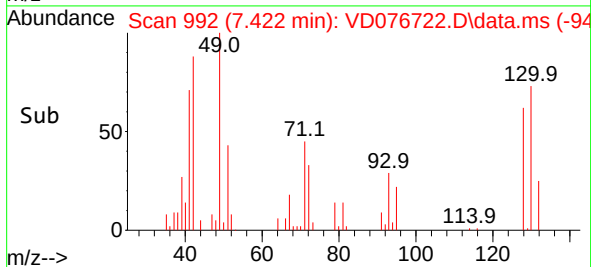
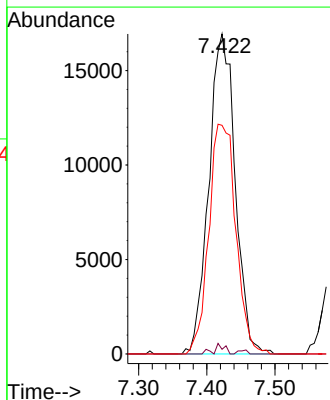
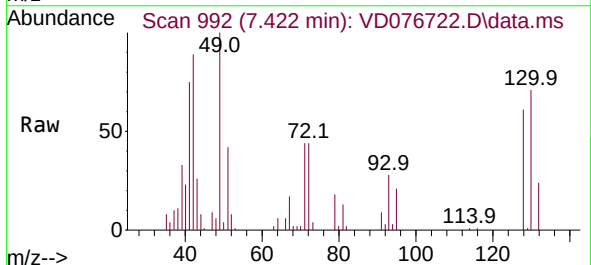
07/13/2023
 Supervised By :Mahesh
 Dadoda

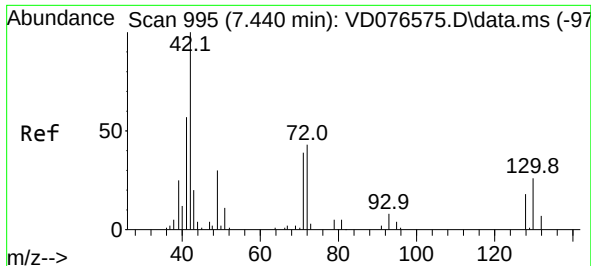
07/13/2023



#28
 Bromochloromethane
 Concen: 45.863 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD076722.D
 Acq: 12 Jul 2023 09:14

Tgt Ion: 49 Resp: 45575
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 6.0
 130 73.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 207.696 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.006 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:	42	Resp:	83714
Ion	Ratio	Lower	Upper
42	100		
72	50.7	46.5	69.7
71	45.1	44.5	66.7

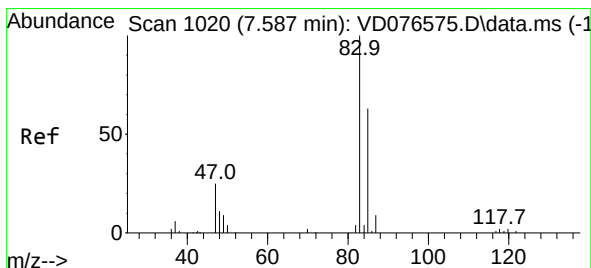
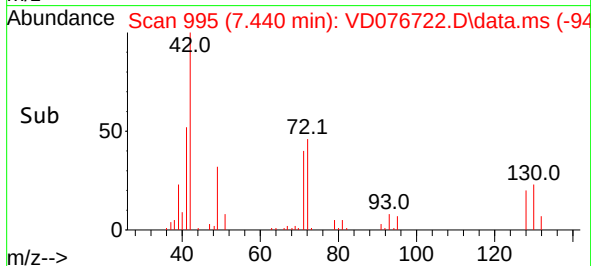
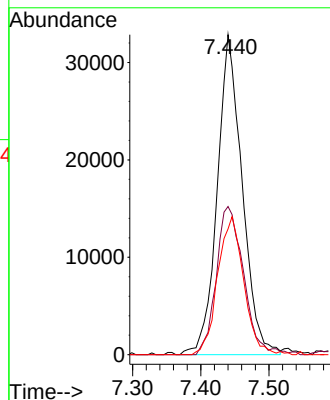
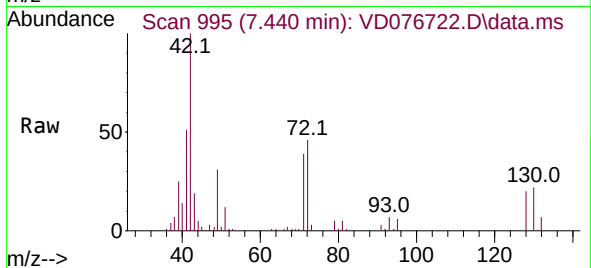
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/13/2023

Supervised By :Mahesh
Dadoda

07/13/2023



#30

Chloroform

Concen: 53.377 ug/l

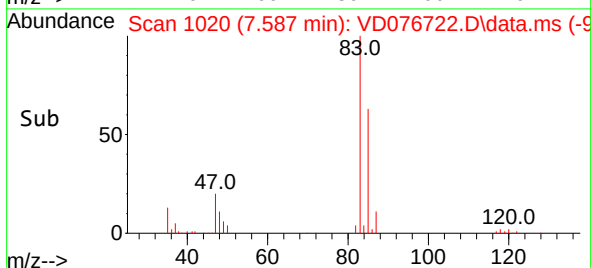
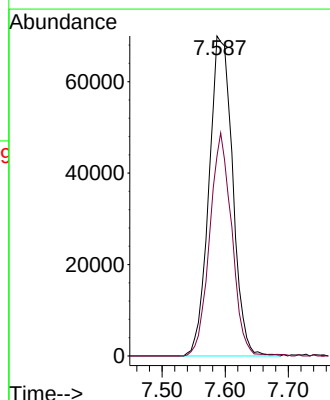
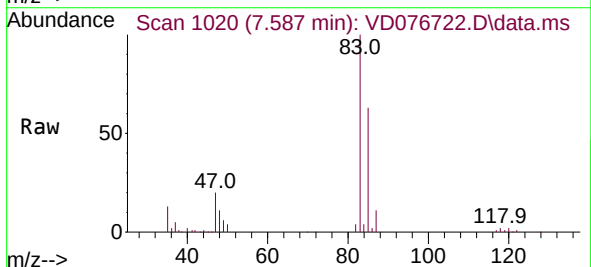
RT: 7.587 min Scan# 1020

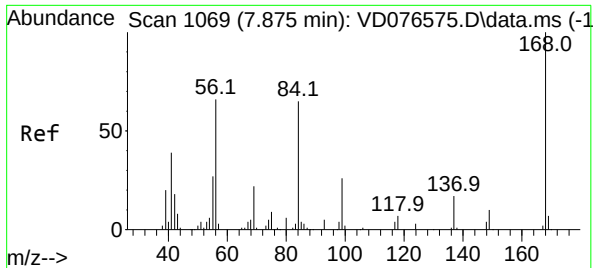
Delta R.T. -0.006 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

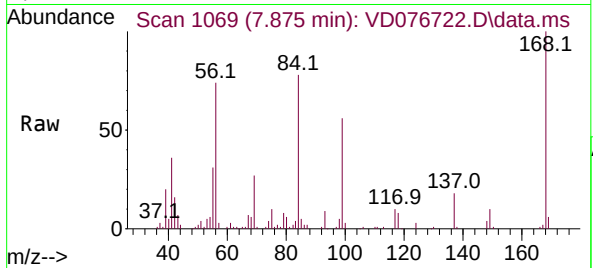
Tgt Ion:	83	Resp:	181635
Ion	Ratio	Lower	Upper
83	100		
85	62.5	53.4	80.2





#31
Cyclohexane
Concen: 52.970 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



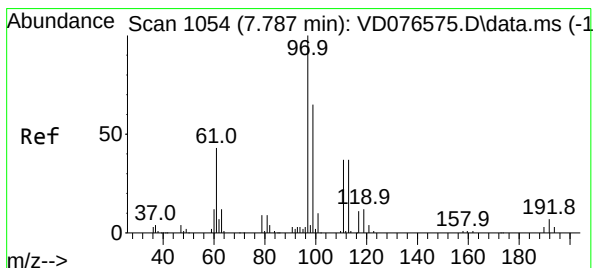
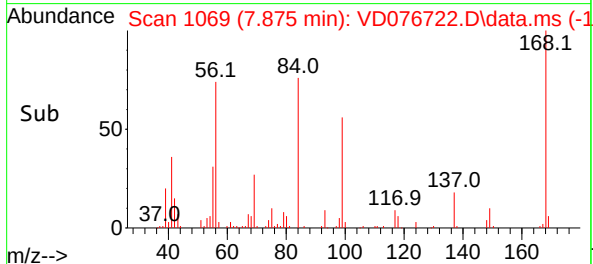
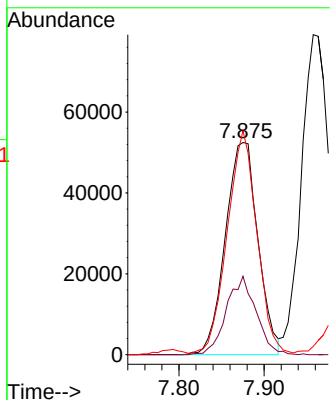
Tgt Ion: 56 Resp: 13957
Ion Ratio Lower Upper
56 100
69 36.9 28.6 43.0
84 103.7 84.8 127.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

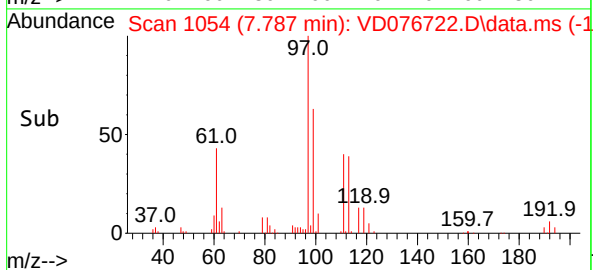
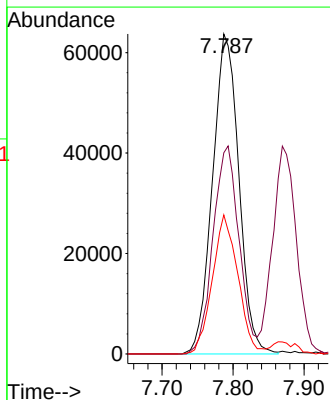
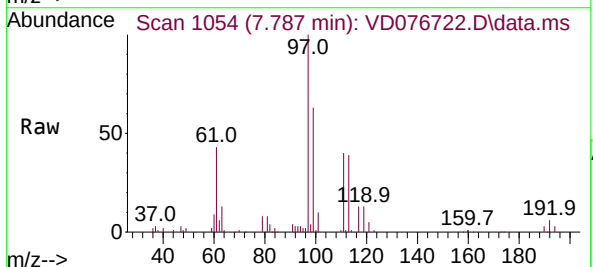
07/13/2023
Supervised By :Mahesh
Dadoda

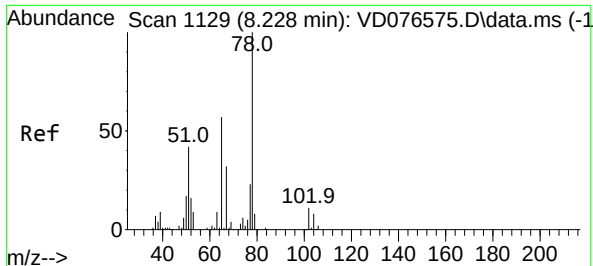
07/13/2023



#32
1,1,1-Trichloroethane
Concen: 59.570 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion: 97 Resp: 163858
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 42.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.454 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 8768

Ion Ratio Lower Upper

65 100

67 57.3 0.0 115.0

Manual Integrations

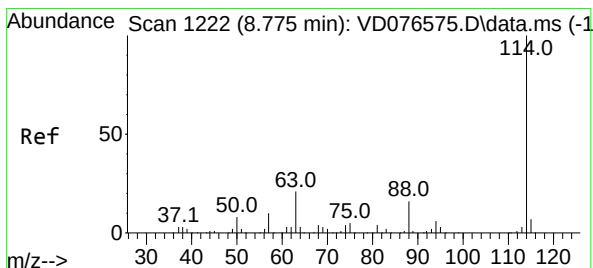
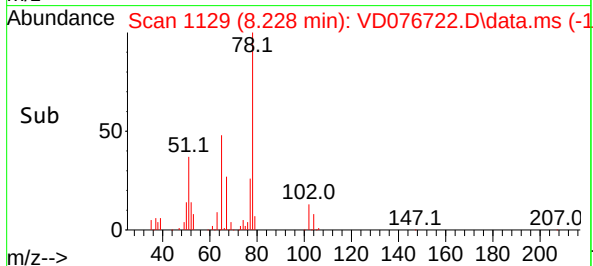
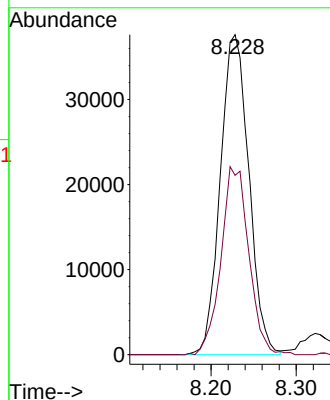
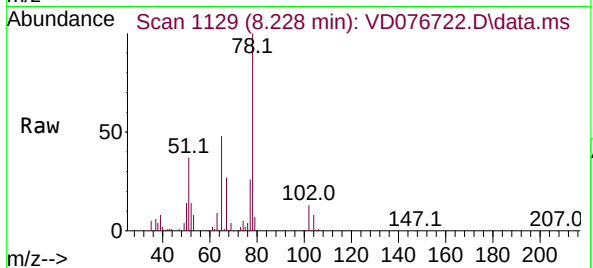
APPROVED

Reviewed By :John
Carlone

07/13/2023

Supervised By :Mahesh
Dadoda

07/13/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

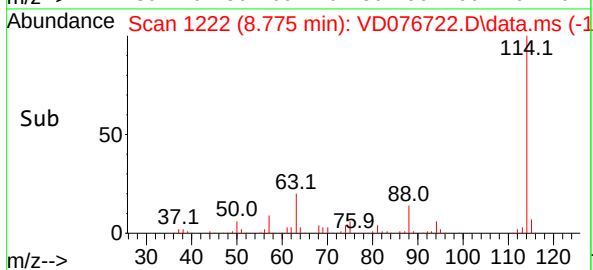
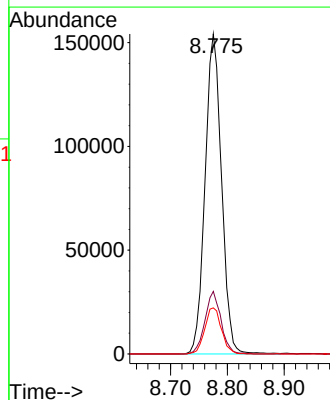
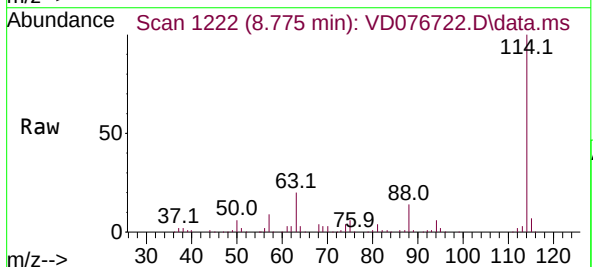
Tgt Ion:114 Resp: 309607

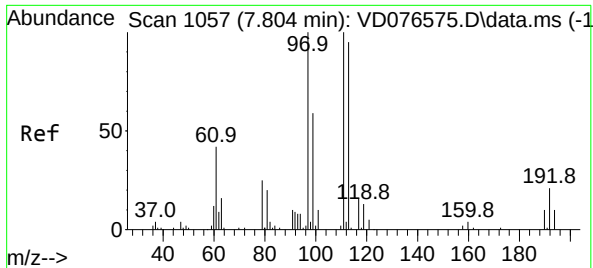
Ion Ratio Lower Upper

114 100

63 19.5 0.0 33.4

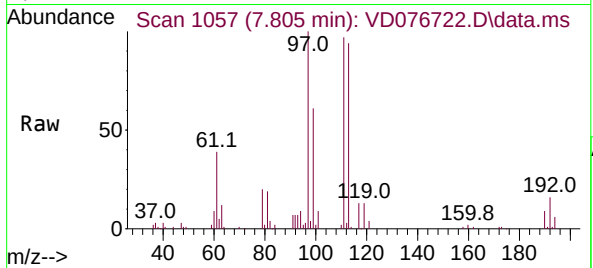
88 14.4 0.0 26.2





#35
Dibromofluoromethane
Concen: 53.363 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



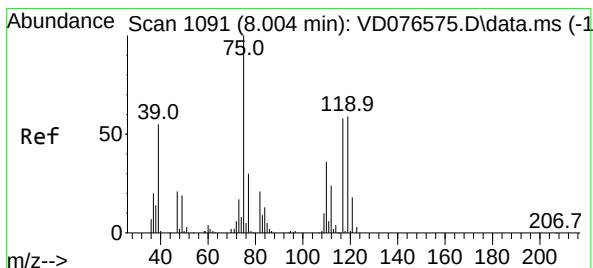
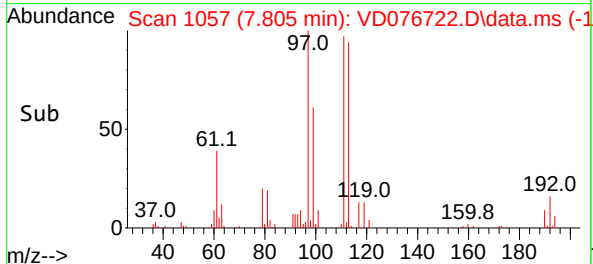
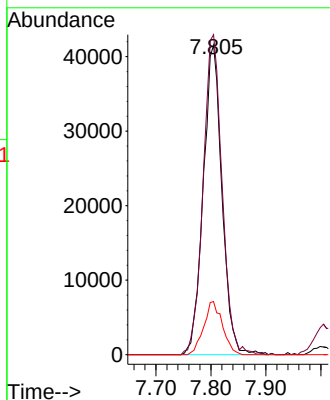
Tgt Ion: 113 Resp: 98150
Ion Ratio Lower Upper
113 100
111 104.8 84.7 127.1
192 17.2 16.8 25.2

Manual Integrations
APPROVED

Reviewed By :John
Carlone

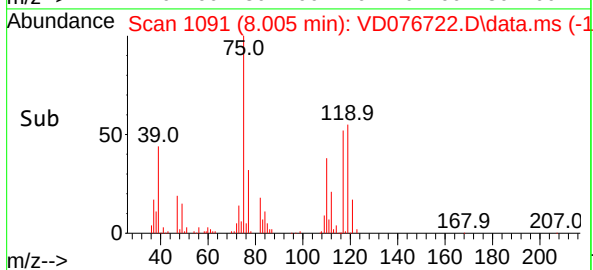
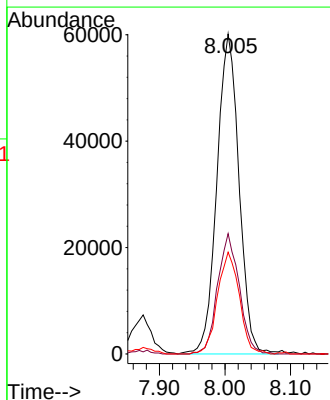
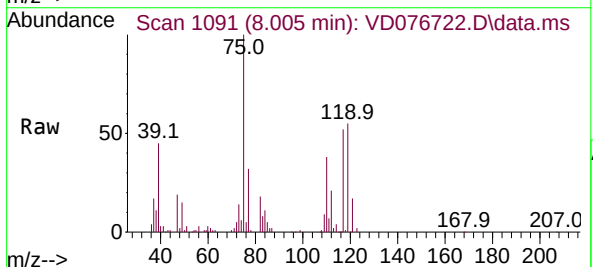
07/13/2023
Supervised By :Mahesh
Dadoda

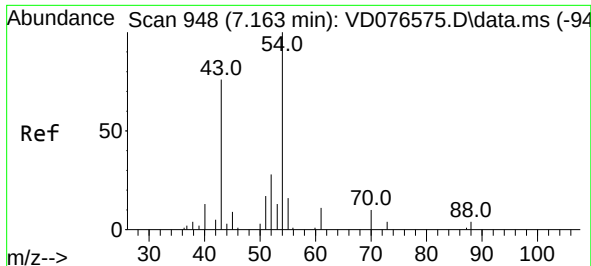
07/13/2023



#36
1,1-Dichloropropene
Concen: 54.605 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion: 75 Resp: 140646
Ion Ratio Lower Upper
75 100
110 36.8 19.9 59.6
77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 40.259 ug/l

RT: 7.164 min Scan# 948

Delta R.T. -0.006 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 6008

Ion	Ratio	Lower	Upper
43	100		
61	14.9	14.9	22.3
70	10.1	10.0	15.0

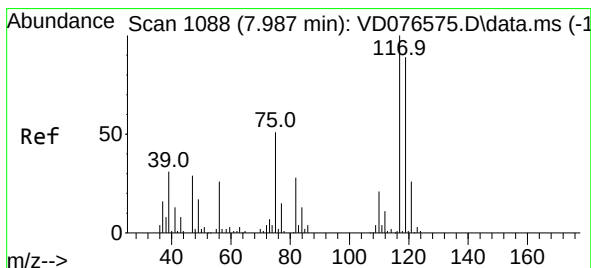
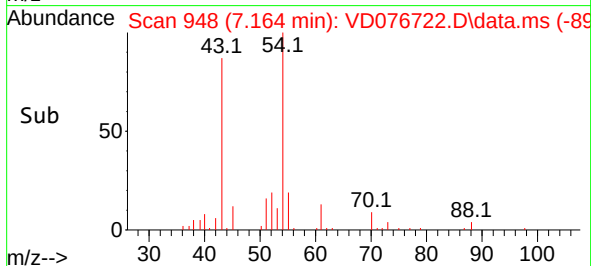
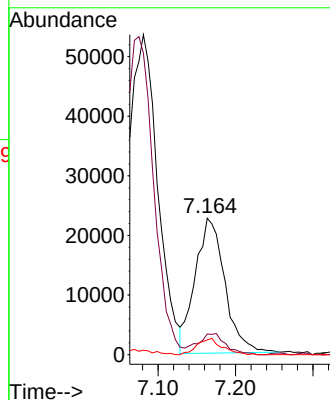
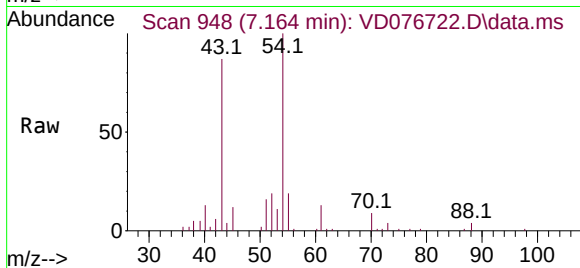
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/13/2023

Supervised By :Mahesh
Dadoda

07/13/2023



#38

Carbon Tetrachloride

Concen: 56.882 ug/l

RT: 7.987 min Scan# 1088

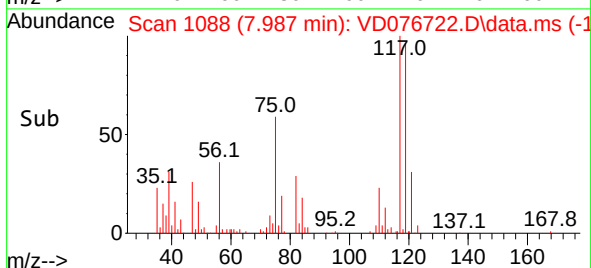
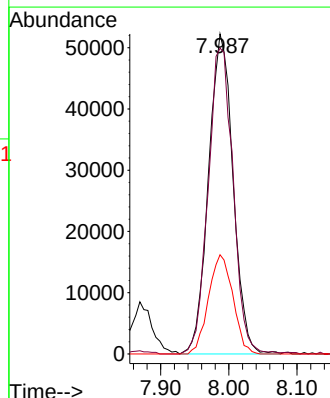
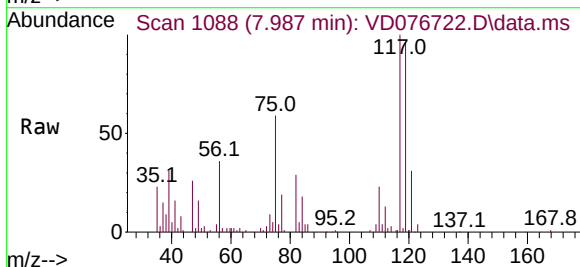
Delta R.T. 0.000 min

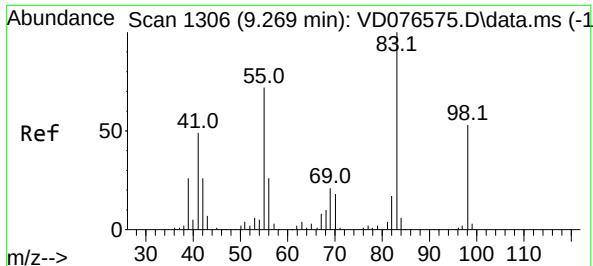
Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Tgt Ion:117 Resp: 130950

Ion	Ratio	Lower	Upper
117	100		
119	95.5	78.0	117.0
121	31.0	24.2	36.2





#39

Methylcyclohexane

Concen: 54.323 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	16419
Ion	Ratio	Lower	Upper
83	100		
55	67.3	49.4	74.0
98	51.7	38.4	57.6

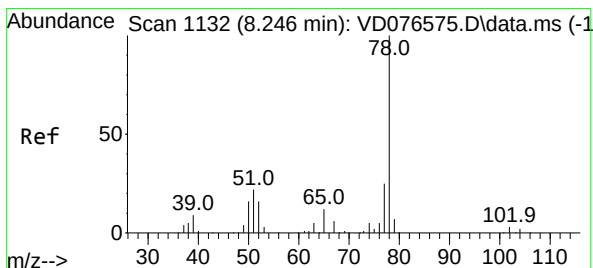
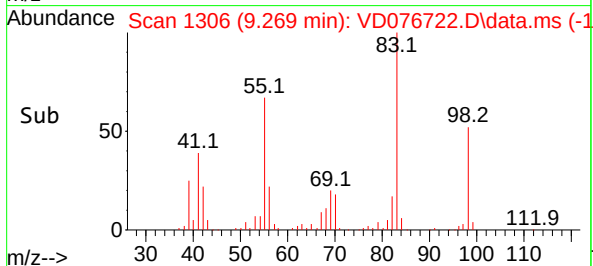
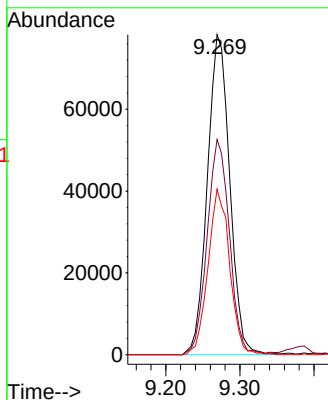
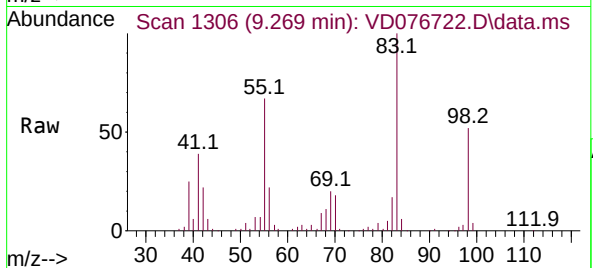
Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/13/2023

Supervised By :Mahesh
Dadoda

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#40

Benzene

Concen: 54.555 ug/l

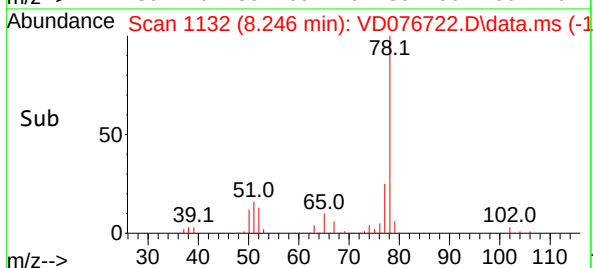
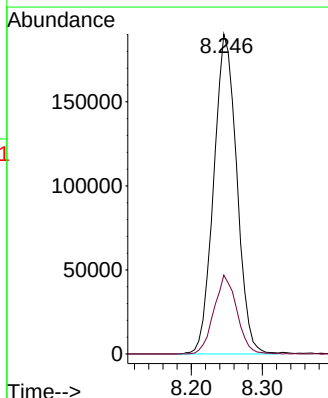
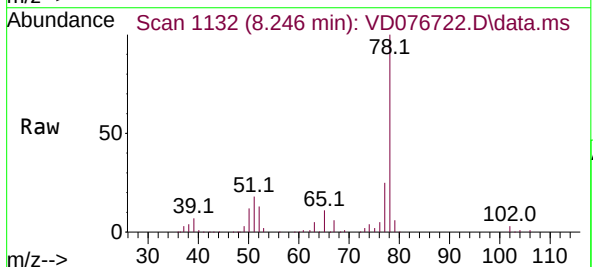
RT: 8.246 min Scan# 1132

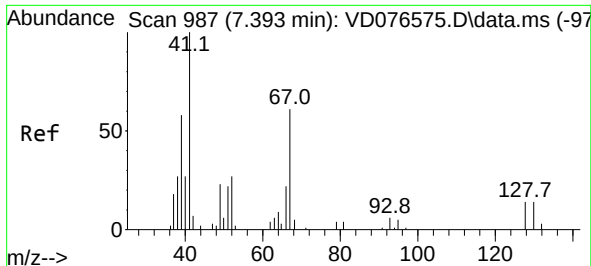
Delta R.T. 0.000 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

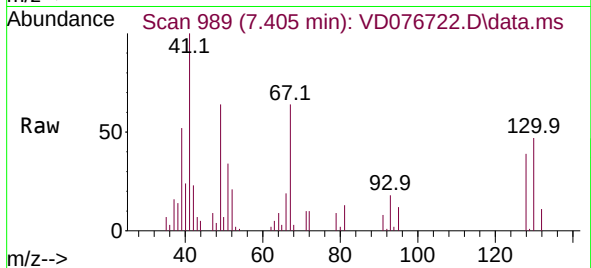
Tgt Ion:	78	Resp:	428507
Ion	Ratio	Lower	Upper
78	100		
77	24.7	19.4	29.0





#41
Methacrylonitrile
Concen: 42.513 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



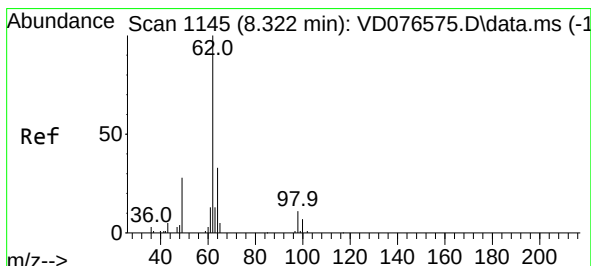
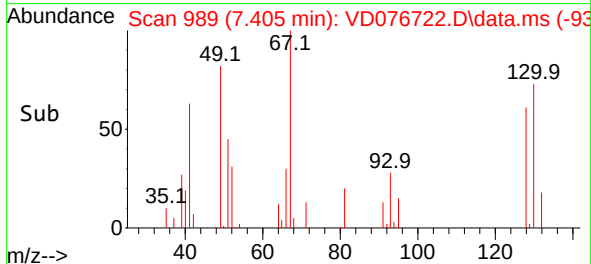
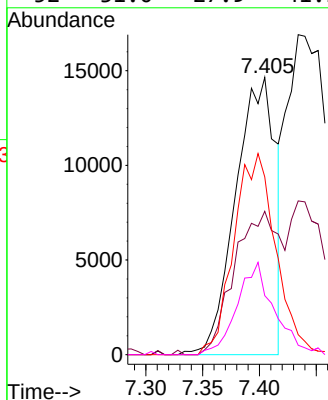
Tgt Ion: 41 Resp: 35830
Ion Ratio Lower Upper
41 100
39 60.1 34.0 51.0
67 76.0 77.0 115.4
52 31.0 27.9 41.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

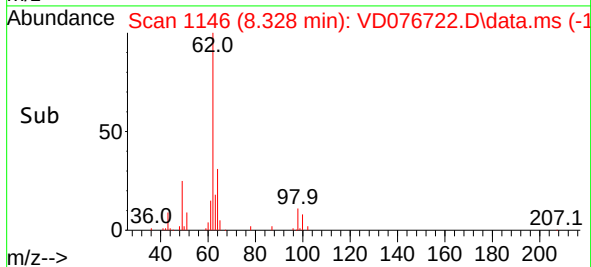
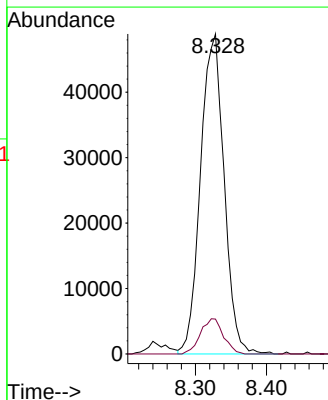
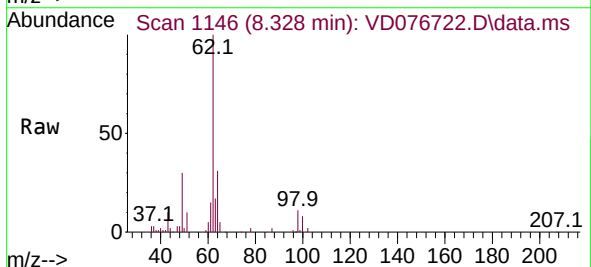
07/13/2023
Supervised By :Mahesh
Dadoda

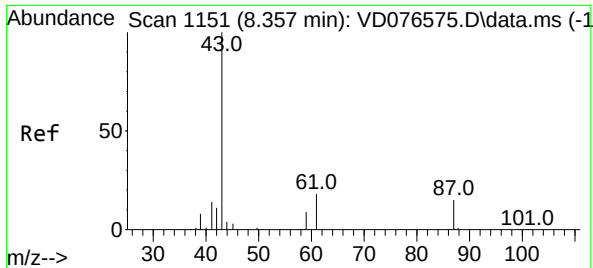
07/13/2023



#42
1,2-Dichloroethane
Concen: 53.191 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

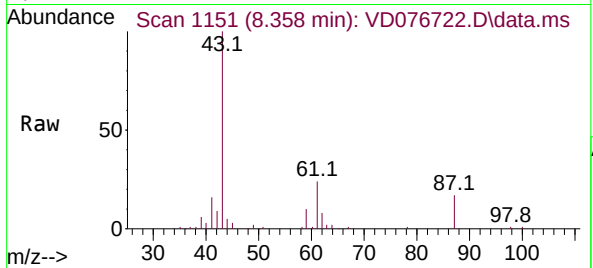
Tgt Ion: 62 Resp: 112891
Ion Ratio Lower Upper
62 100
98 10.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 43.450 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



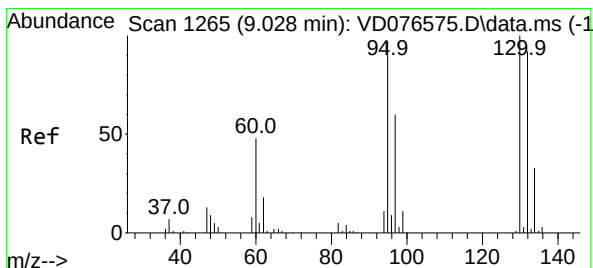
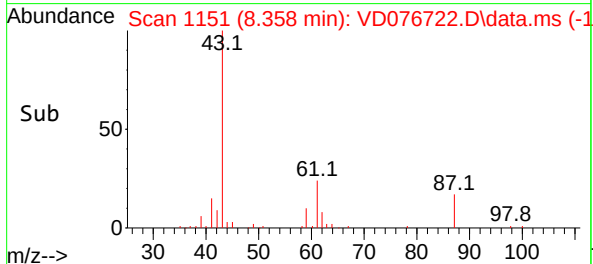
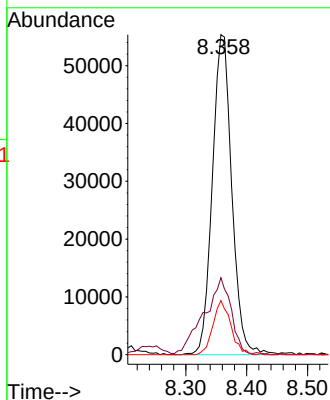
Tgt Ion: 43 Resp: 12277
Ion Ratio Lower Upper
43 100
61 32.5 31.4 47.0
87 15.5 14.9 22.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

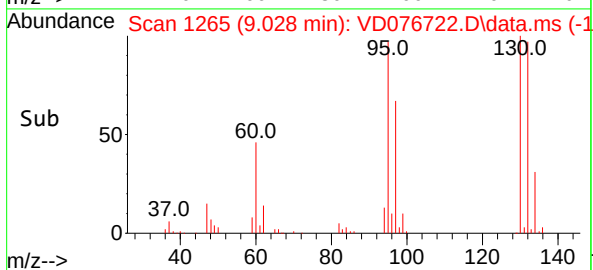
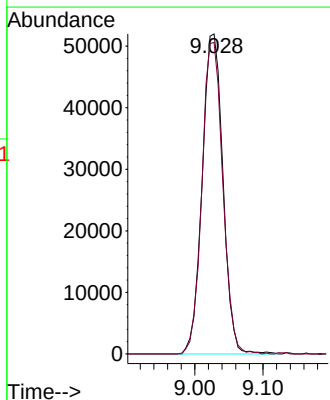
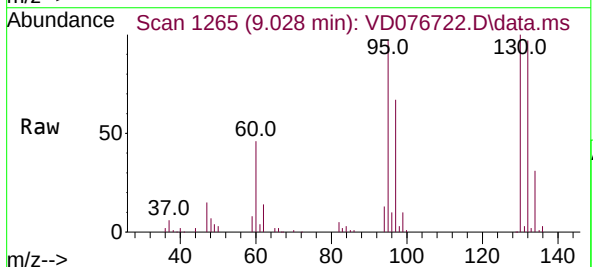
07/13/2023
Supervised By :Mahesh
Dadoda

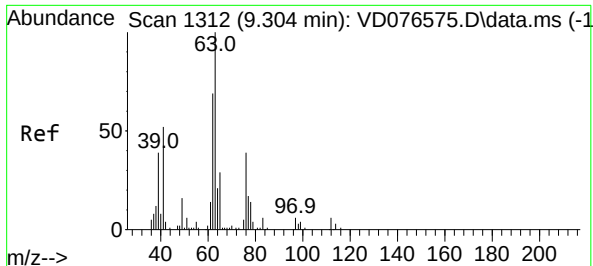
07/13/2023



#44
Trichloroethene
Concen: 51.792 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion:130 Resp: 109739
Ion Ratio Lower Upper
130 100
95 97.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 52.760 ug/l

RT: 9.305 min Scan# 11235

Delta R.T. 0.006 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11235

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7

Manual Integrations

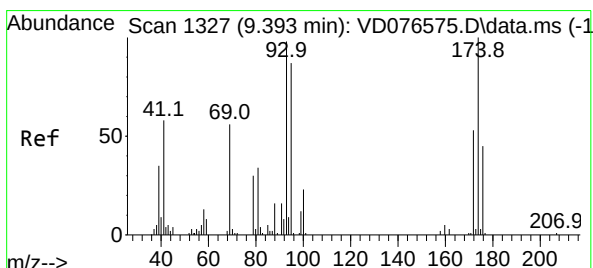
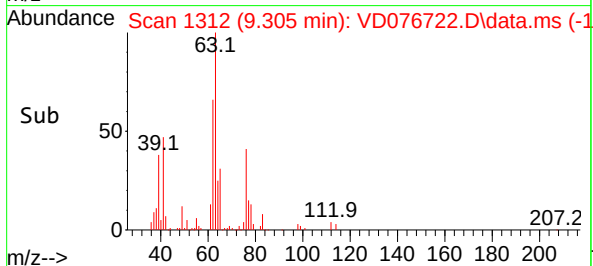
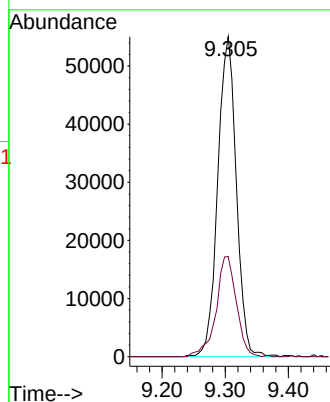
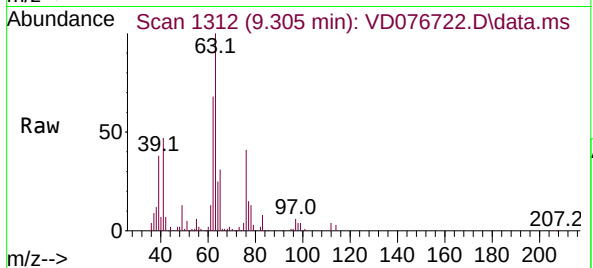
APPROVED

Reviewed By :John
Carlone

07/13/2023

Supervised By :Mahesh
Dadoda

07/13/2023



#46

Dibromomethane

Concen: 54.296 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

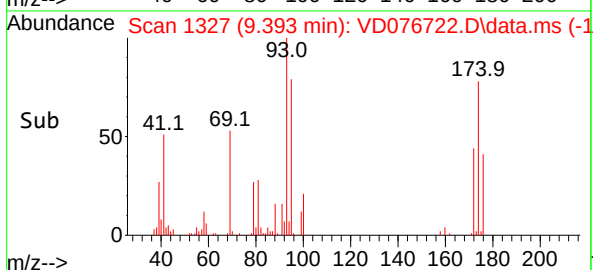
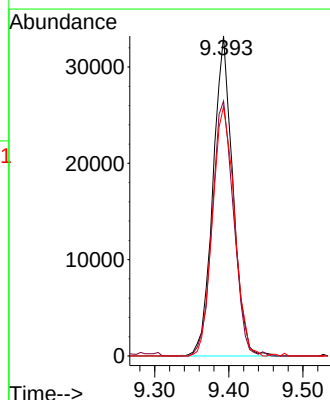
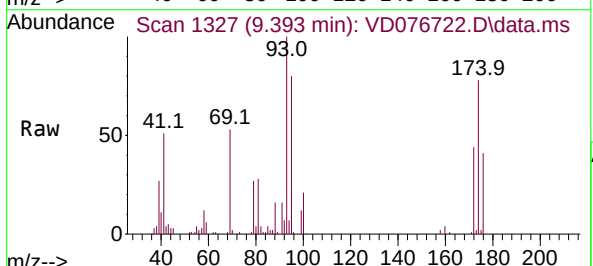
Tgt Ion: 93 Resp: 61943

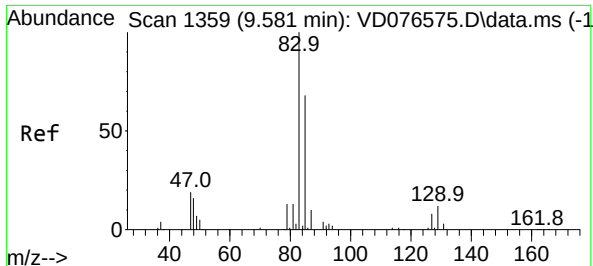
Ion Ratio Lower Upper

93 100

95 85.1 67.7 101.5

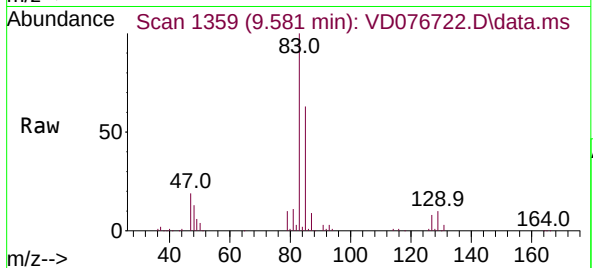
174 85.6 85.4 128.2





#47
Bromodichloromethane
Concen: 57.105 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



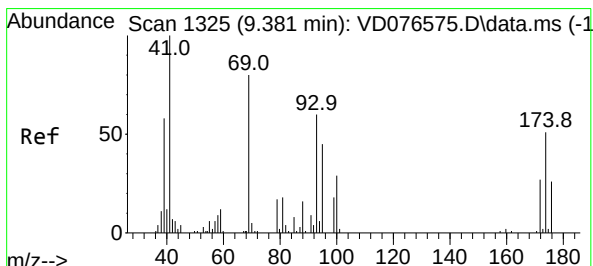
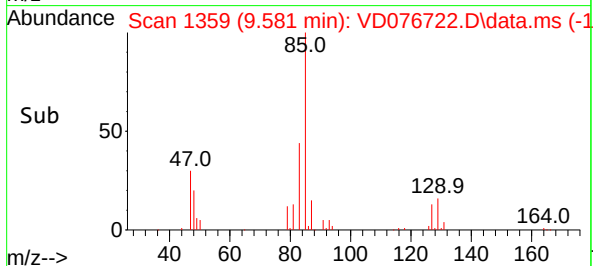
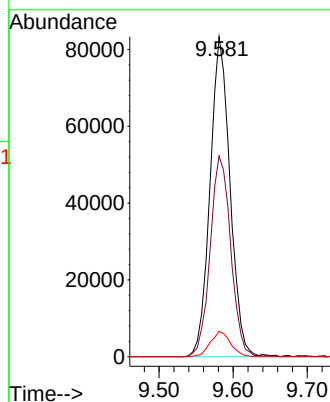
Tgt Ion: 83 Resp: 15590
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.4
127 7.9 6.3 9.5

Manual Integrations
APPROVED

Reviewed By :John
Carlone

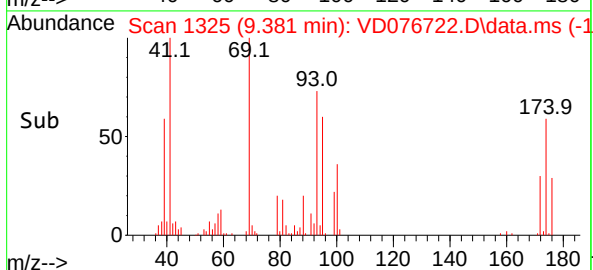
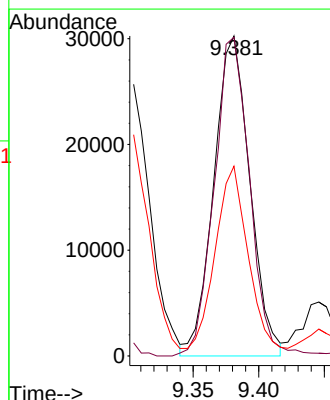
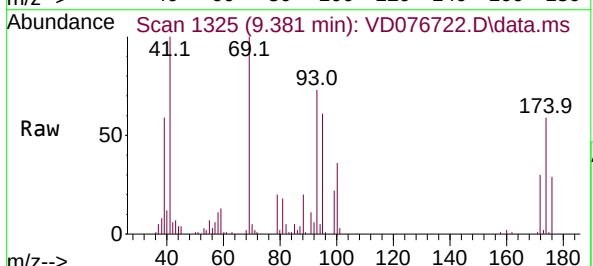
07/13/2023
Supervised By :Mahesh
Dadoda

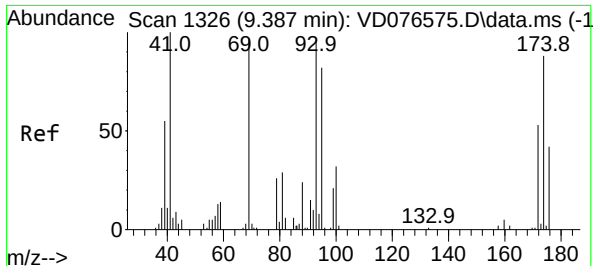
07/13/2023



#48
Methyl methacrylate
Concen: 44.666 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion: 41 Resp: 57847
Ion Ratio Lower Upper
41 100
69 97.9 102.2 153.2#
39 51.8 41.4 62.2





#49

1,4-Dioxane

Concen: 1099.130 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 15024

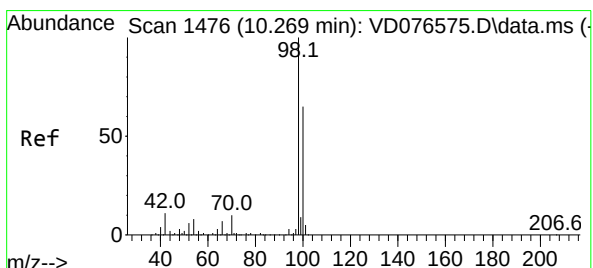
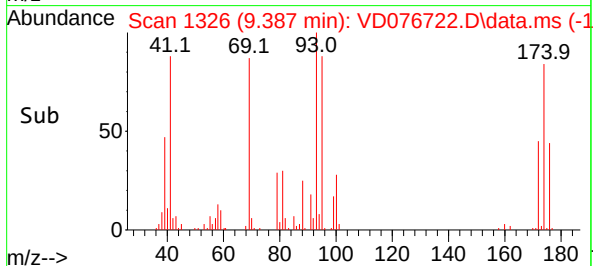
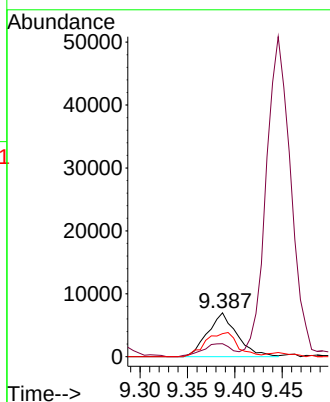
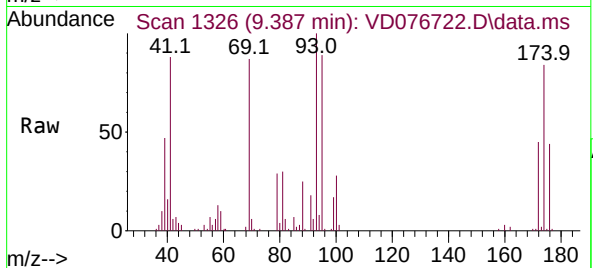
Ion	Ratio	Lower	Upper
88	100		
43	29.6	19.0	28.6
58	60.1	43.5	65.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/13/2023
Supervised By :Mahesh
Dadoda

07/13/2023



#50

Toluene-d8

Concen: 49.803 ug/l

RT: 10.269 min Scan# 1476

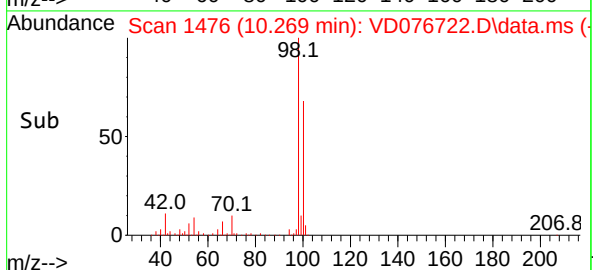
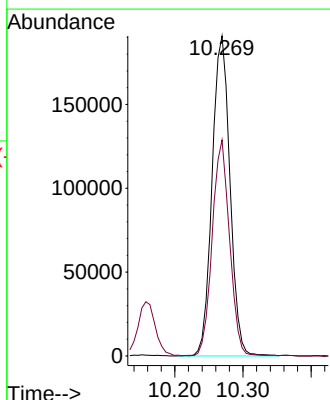
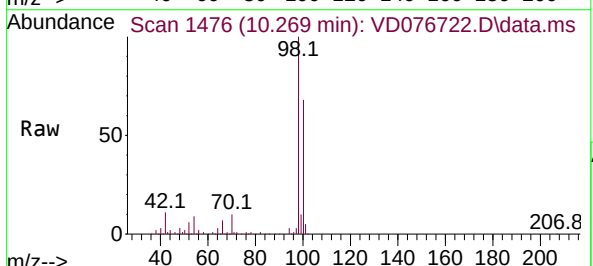
Delta R.T. 0.000 min

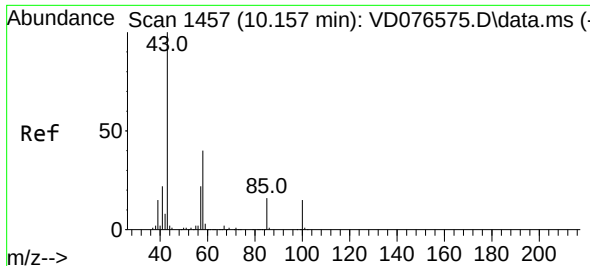
Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Tgt Ion: 98 Resp: 347392

Ion	Ratio	Lower	Upper
98	100		
100	65.3	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 226.532 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

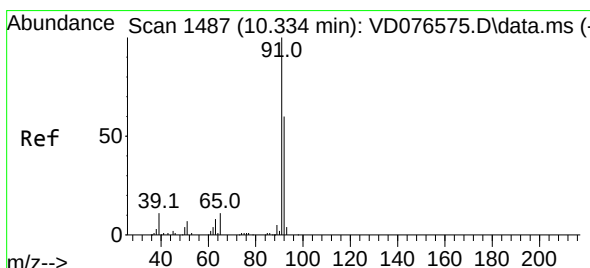
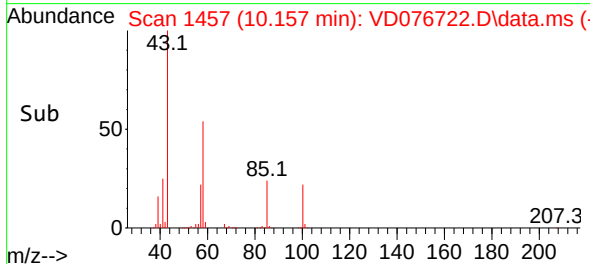
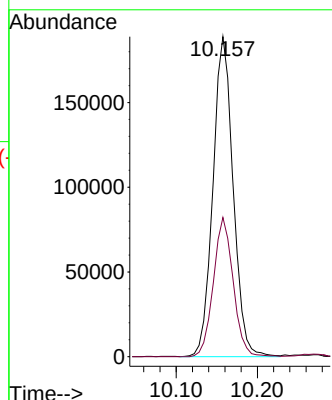
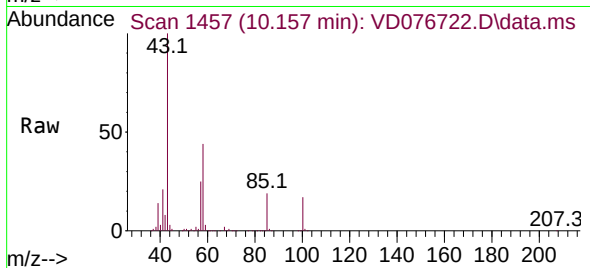
Tgt Ion: 43 Resp: 327200
Ion Ratio Lower Upper
43 100
58 42.6 38.9 58.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

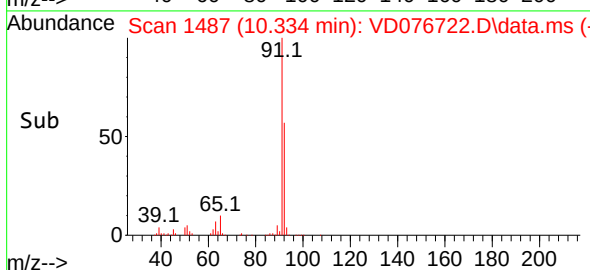
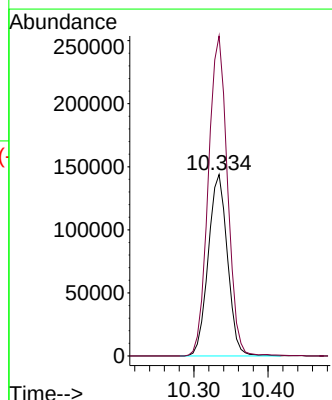
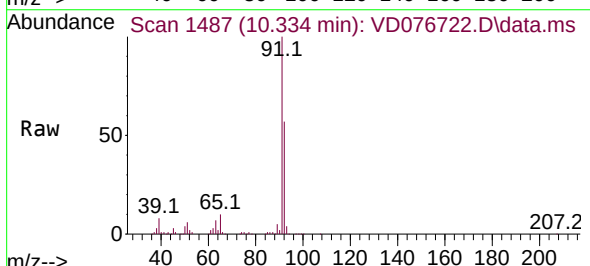
07/13/2023
Supervised By :Mahesh
Dadoda

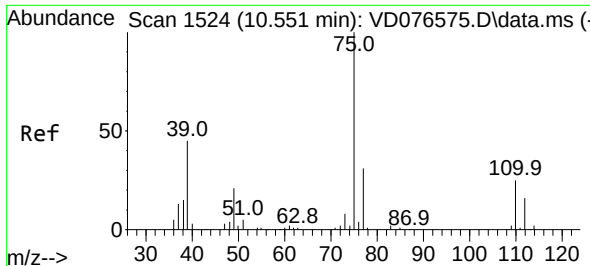
07/13/2023



#52
Toluene
Concen: 52.590 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

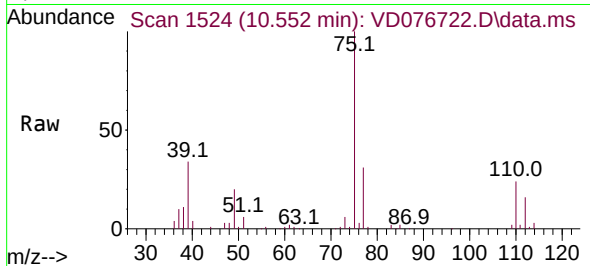
Tgt Ion: 92 Resp: 259214
Ion Ratio Lower Upper
92 100
91 176.0 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 50.535 ug/l
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



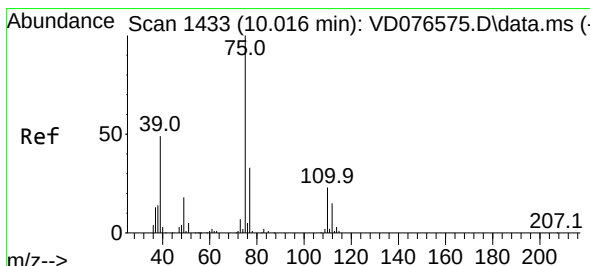
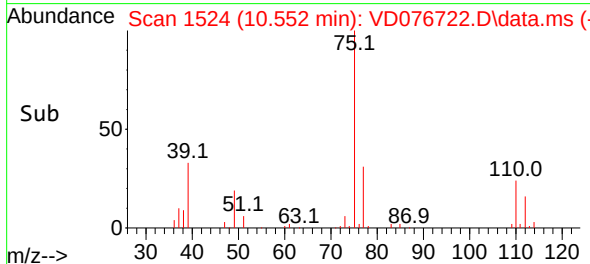
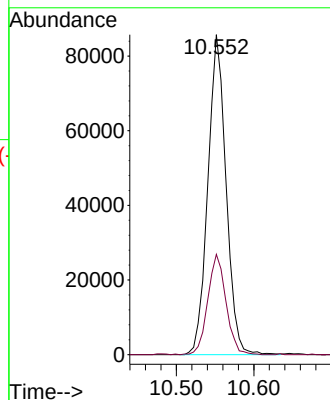
Tgt Ion: 75 Resp: 139998
Ion Ratio Lower Upper
75 100
77 31.3 25.3 37.9

Manual Integrations
APPROVED

Reviewed By :John
Carlone

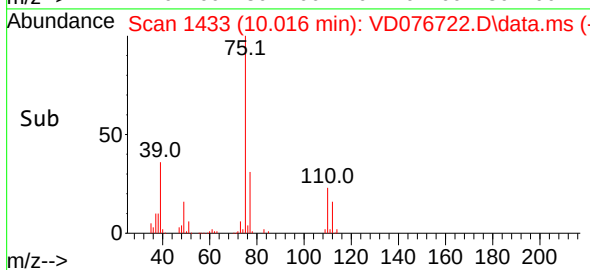
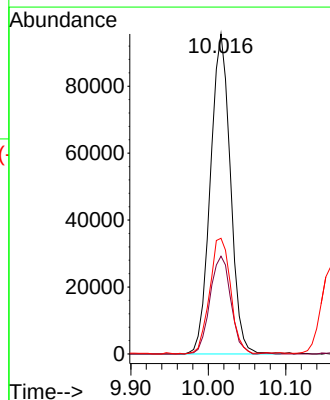
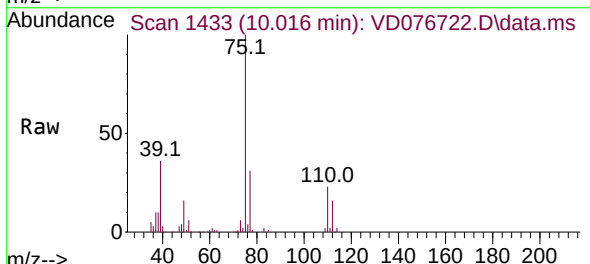
07/13/2023
Supervised By :Mahesh
Dadoda

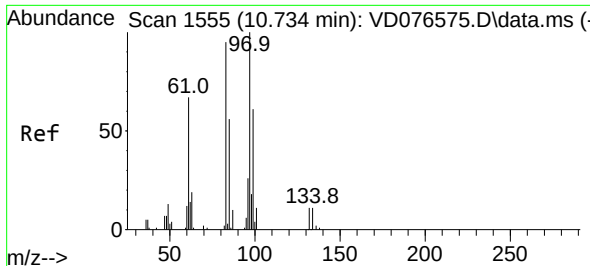
07/13/2023



#54
cis-1,3-Dichloropropene
Concen: 52.188 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

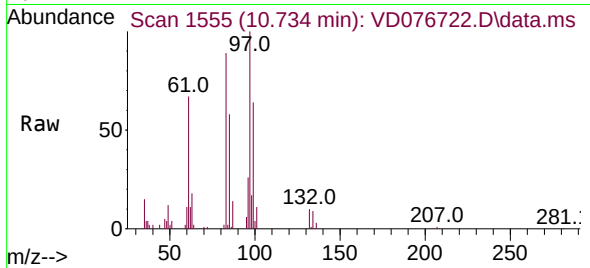
Tgt Ion: 75 Resp: 171411
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3
39 35.9 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 49.280 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



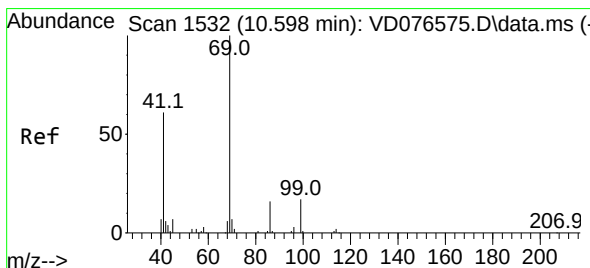
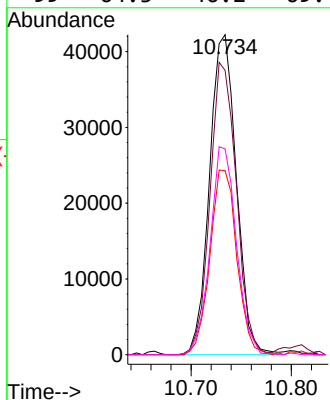
Tgt Ion: 97 Resp: 7864
Ion Ratio Lower Upper
97 100
83 88.9 65.8 98.6
85 57.5 45.7 68.5
99 64.3 46.2 69.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

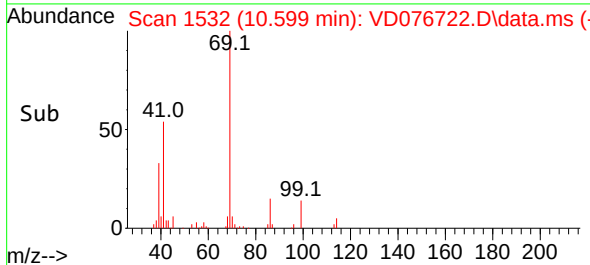
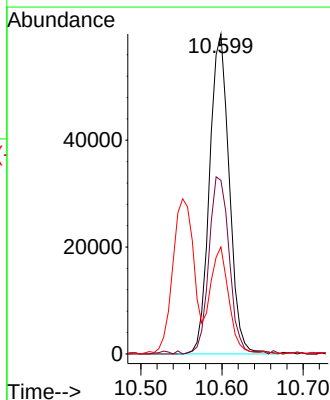
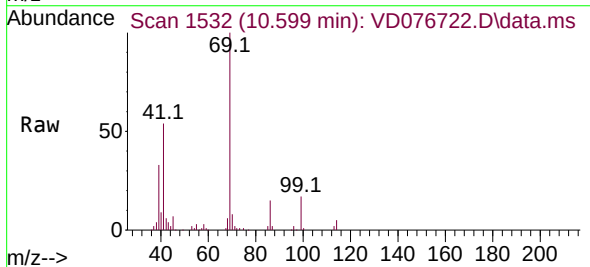
07/13/2023
Supervised By :Mahesh
Dadoda

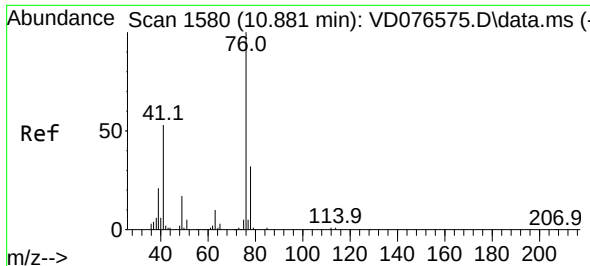
07/13/2023



#56
Ethyl methacrylate
Concen: 48.465 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion: 69 Resp: 100985
Ion Ratio Lower Upper
69 100
41 57.3 39.1 58.7
39 30.6 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 48.224 ug/l

RT: 10.875 min Scan# 1580

Delta R.T. -0.006 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 131758

Ion Ratio Lower Upper

76 100

78 32.9 26.4 39.6

Manual Integrations

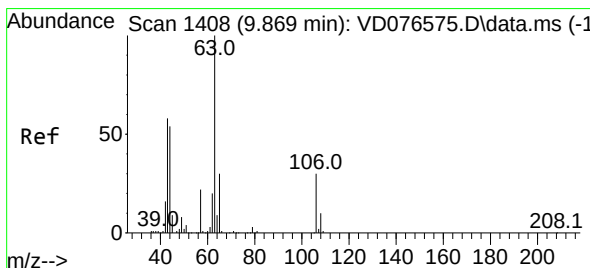
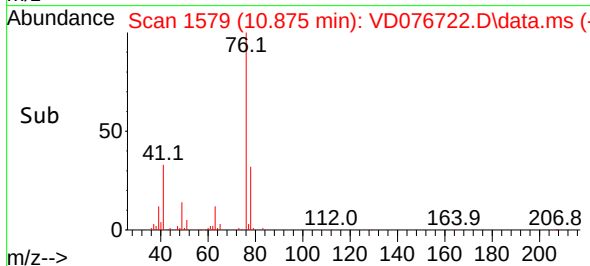
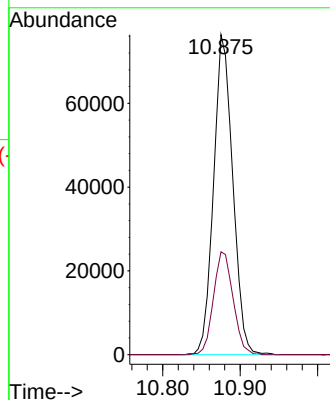
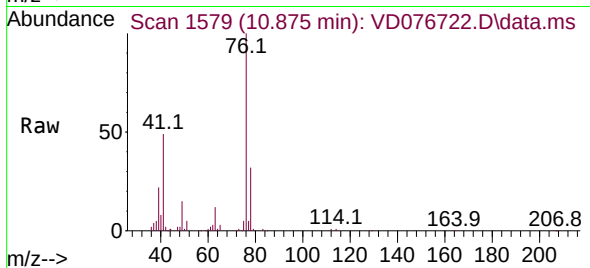
APPROVED

Reviewed By :John
Carlone

07/13/2023

Supervised By :Mahesh
Dadoda

07/13/2023



#58

2-Chloroethyl Vinyl ether

Concen: 234.065 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076722.D

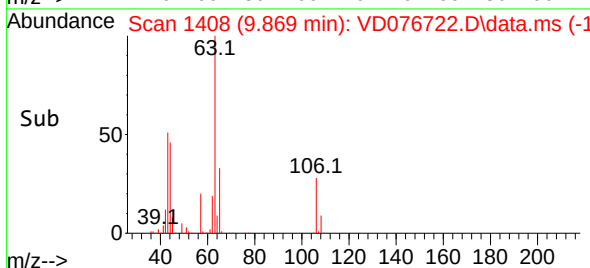
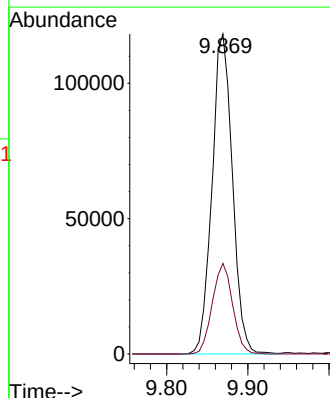
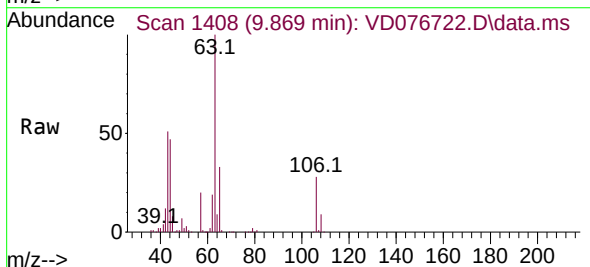
Acq: 12 Jul 2023 09:14

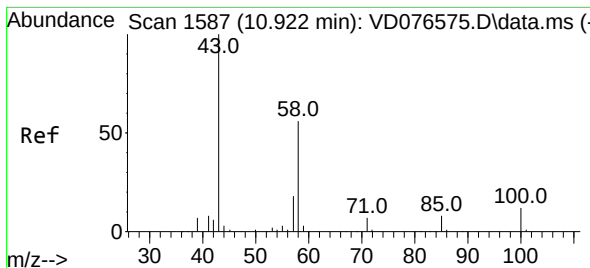
Tgt Ion: 63 Resp: 206770

Ion Ratio Lower Upper

63 100

106 28.0 25.3 37.9





#59
2-Hexanone
Concen: 221.282 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

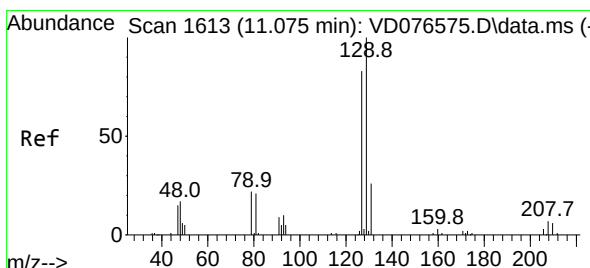
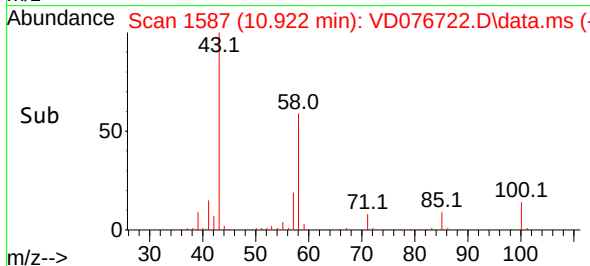
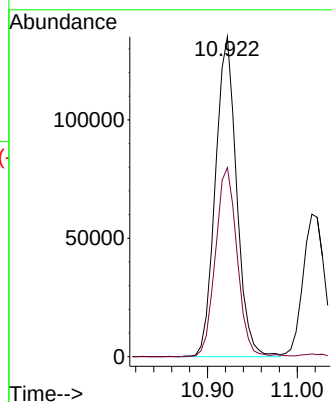
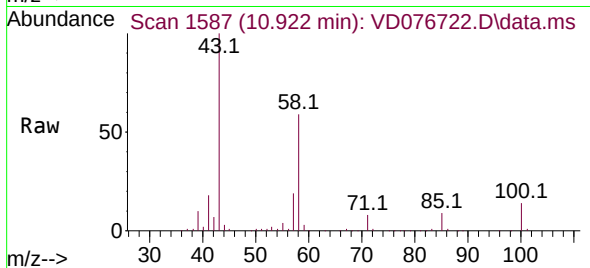
Tgt Ion: 43 Resp: 22232
Ion Ratio Lower Upper
43 100
58 60.3 34.1 102.2

Manual Integrations
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Reviewed By :John
Carlone

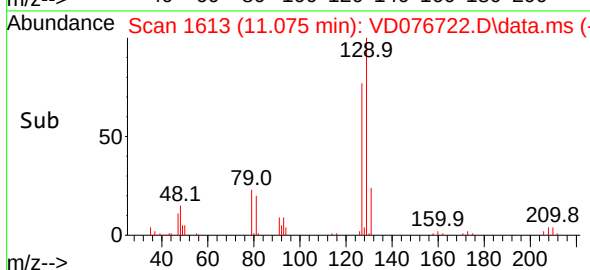
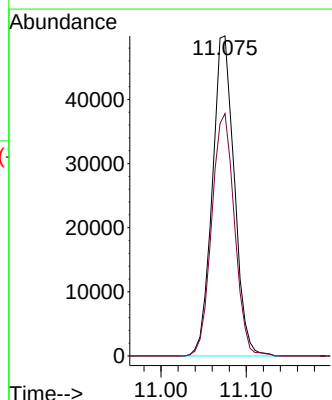
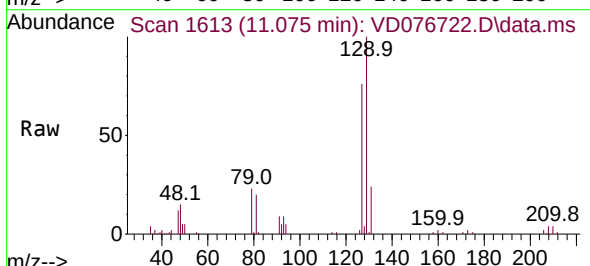
07/13/2023
Supervised By :Mahesh
Dadoda

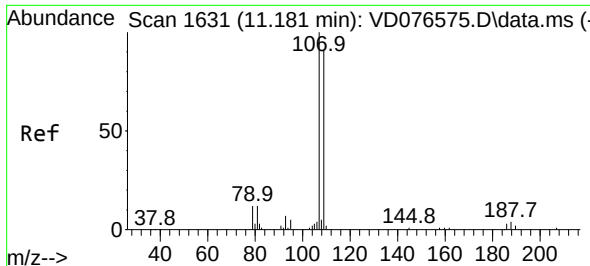
07/13/2023



#60
Dibromochloromethane
Concen: 48.091 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

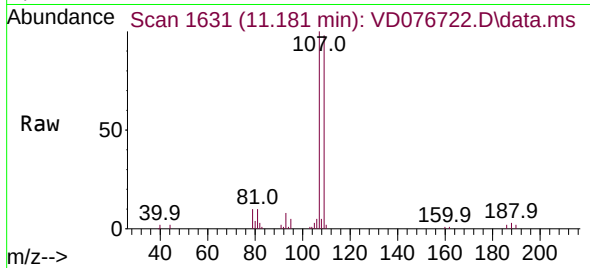
Tgt Ion:129 Resp: 89313
Ion Ratio Lower Upper
129 100
127 78.4 37.1 111.5





#61
1,2-Dibromoethane
Concen: 47.711 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



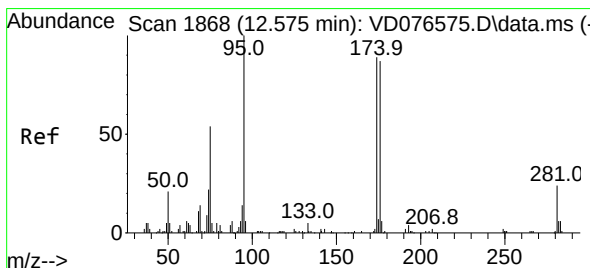
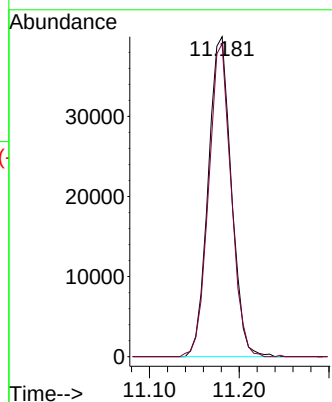
Tgt Ion:107 Resp: 71473
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4

Manual Integrations
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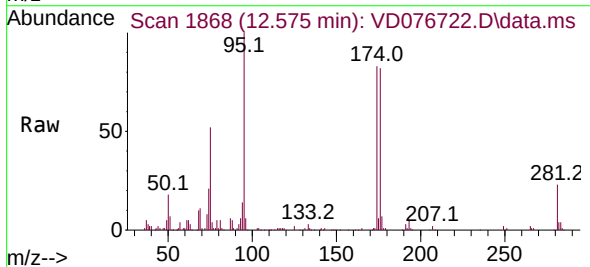
Reviewed By :John
Carlone

07/13/2023
Supervised By :Mahesh
Dadoda

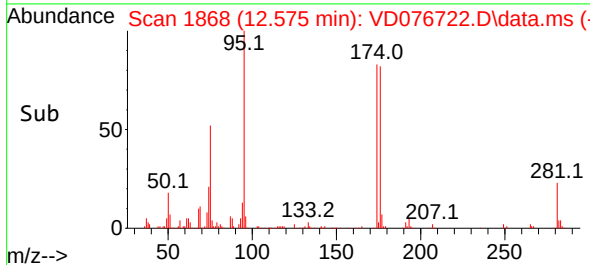
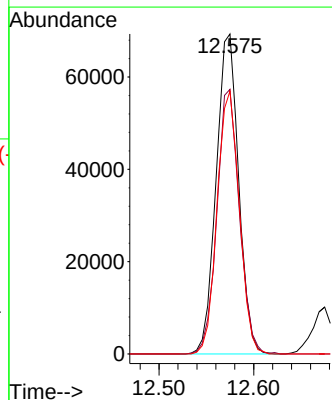
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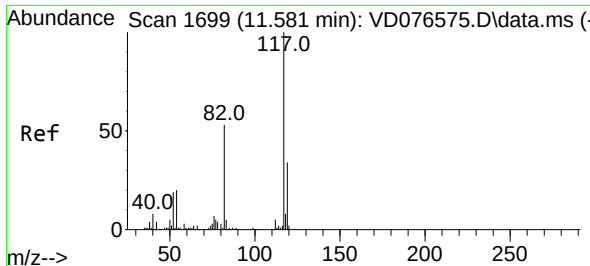


#62
4-Bromofluorobenzene
Concen: 50.549 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14



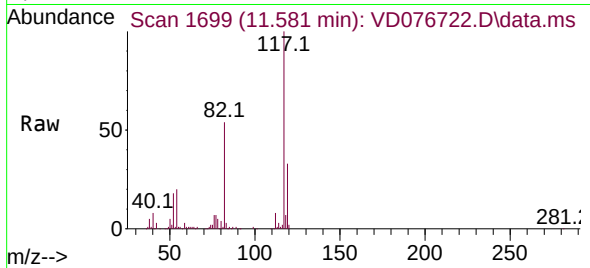
Tgt Ion: 95 Resp: 114434
Ion Ratio Lower Upper
95 100
174 82.5 0.0 201.8
176 81.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



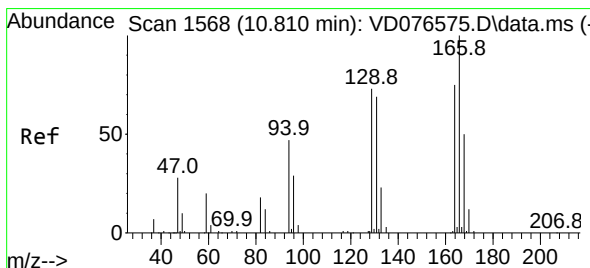
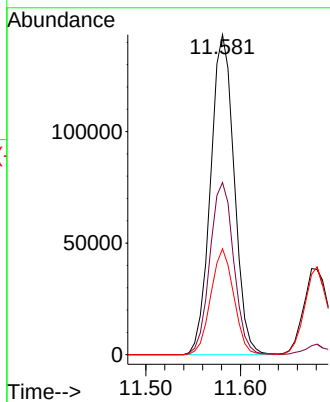
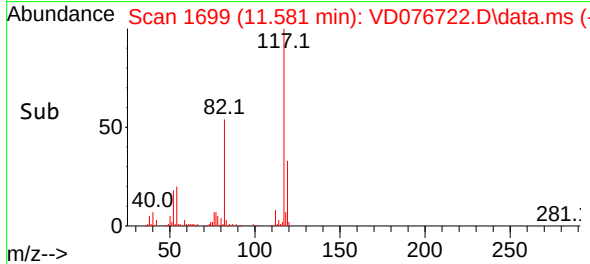
Tgt Ion:117 Resp: 249104
Ion Ratio Lower Upper
117 100
82 53.8 38.3 57.5
119 33.1 25.0 37.4

Manual Integrations
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Reviewed By :John
Carlone

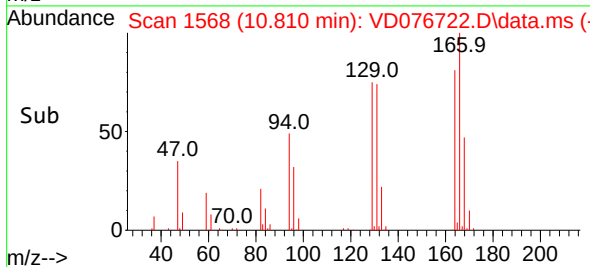
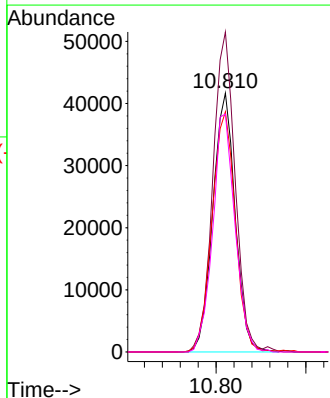
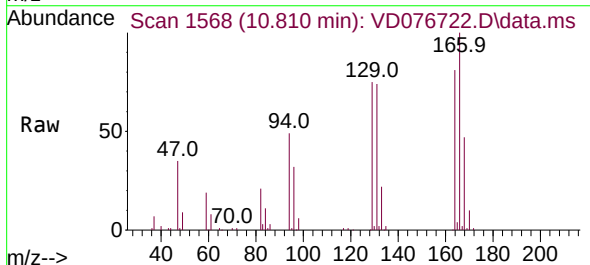
07/13/2023
Supervised By :Mahesh
Dadoda

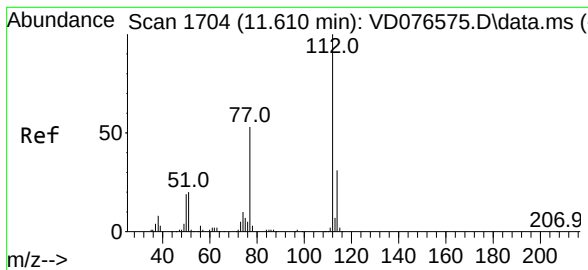
07/13/2023



#64
Tetrachloroethene
Concen: 48.140 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

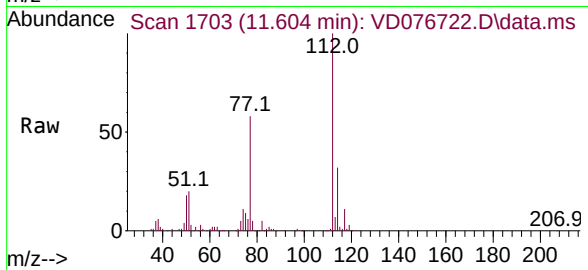
Tgt Ion:164 Resp: 71982
Ion Ratio Lower Upper
164 100
166 123.6 99.2 148.8
129 92.7 68.4 102.6
131 91.9 63.8 95.8





#65
Chlorobenzene
Concen: 55.423 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



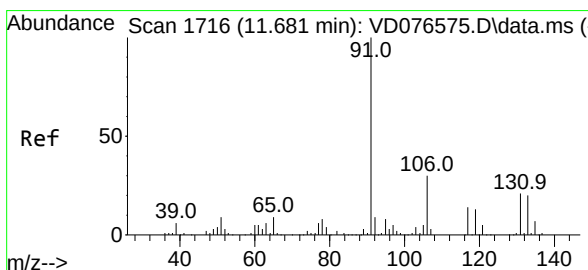
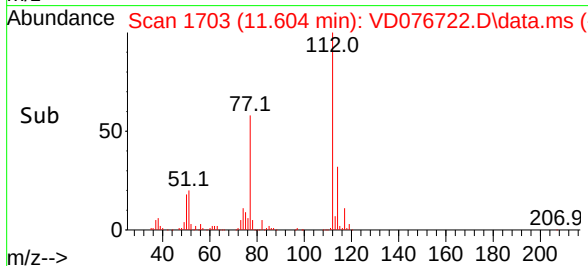
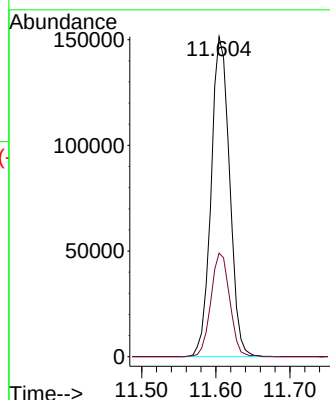
Tgt Ion:112 Resp: 26229
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7

Manual Integrations
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Reviewed By :John
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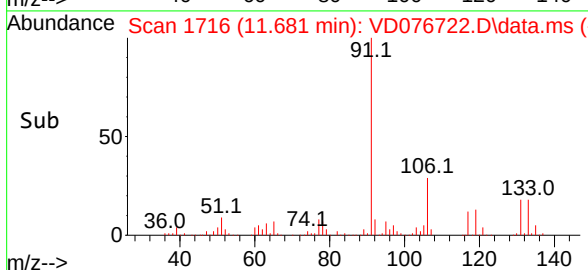
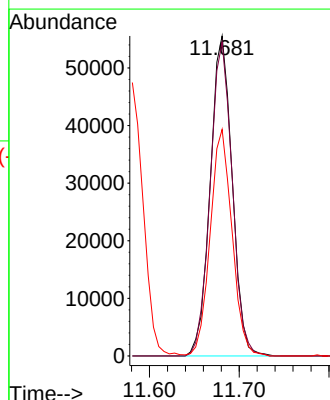
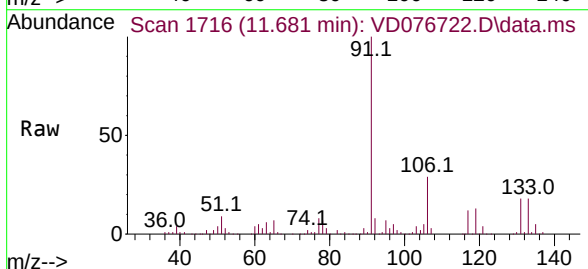
07/13/2023
Supervised By :Mahesh
Dadoda

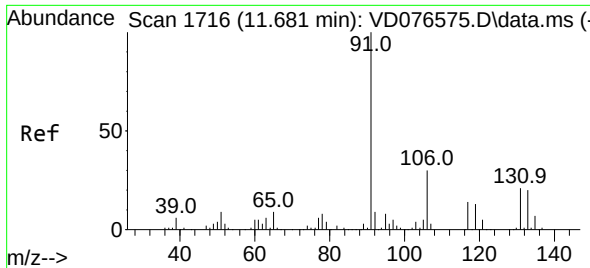
07/13/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 55.676 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion:131 Resp: 94230
Ion Ratio Lower Upper
131 100
133 98.3 48.5 145.5
119 70.6 35.6 106.9





#67
Ethyl Benzene
Concen: 58.050 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

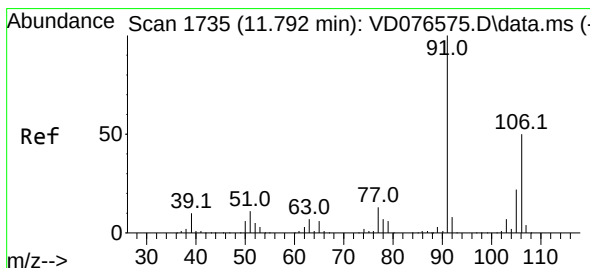
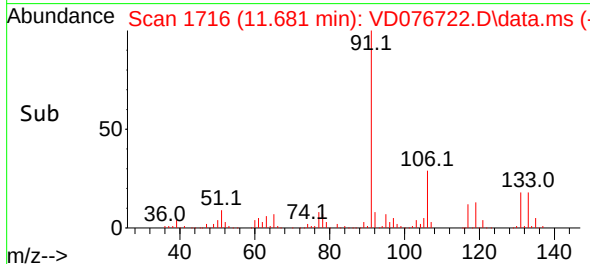
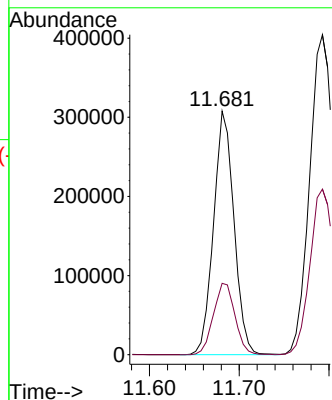
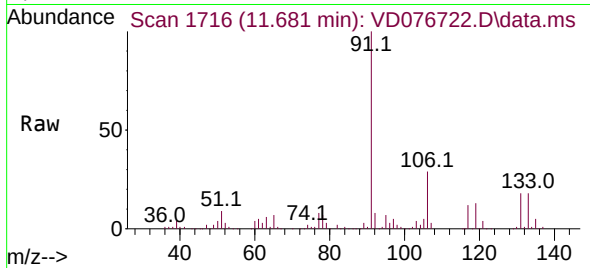
Tgt Ion: 91 Resp: 486779
Ion Ratio Lower Upper
91 100
106 29.3 26.5 39.7

Manual Integrations
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Reviewed By :John
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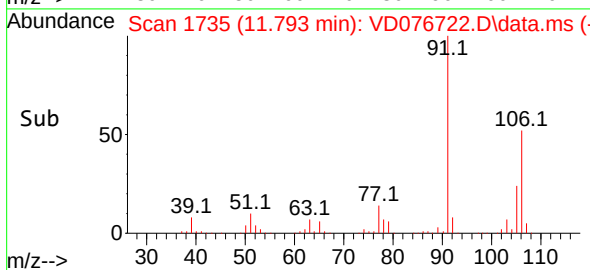
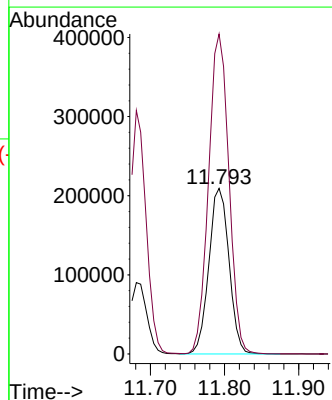
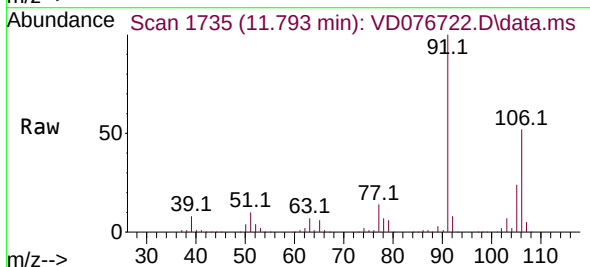
07/13/2023
Supervised By :Mahesh
Dadoda

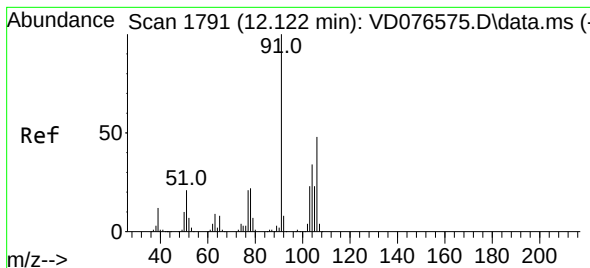
07/13/2023



#68
m/p-Xylenes
Concen: 120.923 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

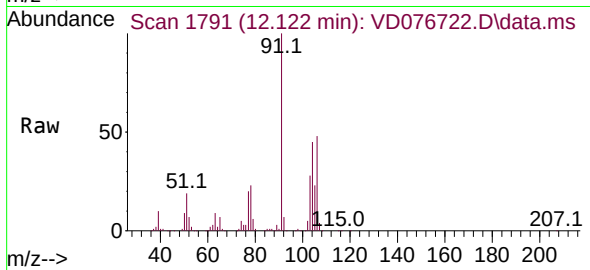
Tgt Ion:106 Resp: 395826
Ion Ratio Lower Upper
106 100
91 194.6 147.0 220.6





#69
o-Xylene
Concen: 62.394 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



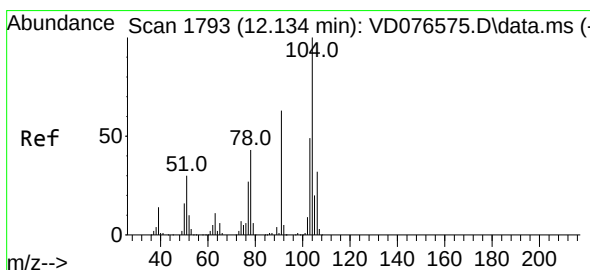
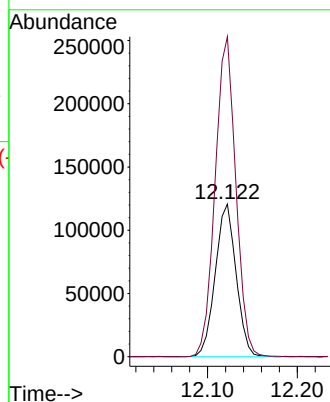
Tgt Ion:106 Resp: 194419
Ion Ratio Lower Upper
106 100
91 208.3 97.9 293.6

Manual Integrations
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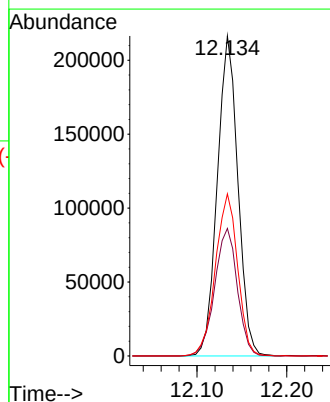
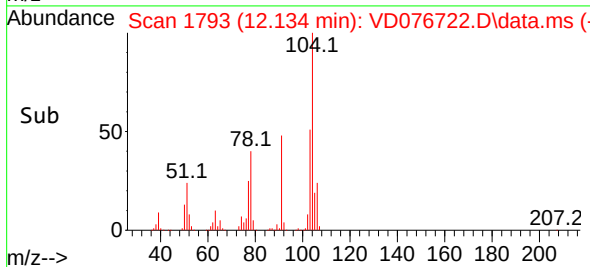
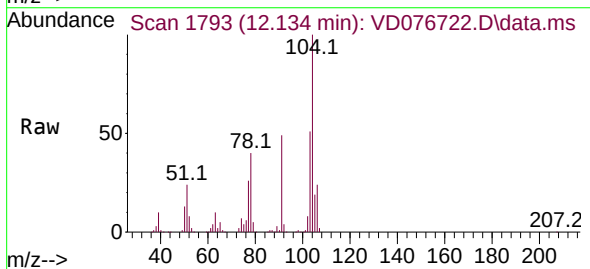
07/13/2023
Supervised By :Mahesh
Dadoda

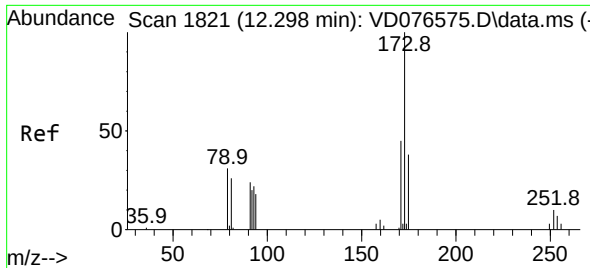
07/13/2023



#70
Styrene
Concen: 64.030 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

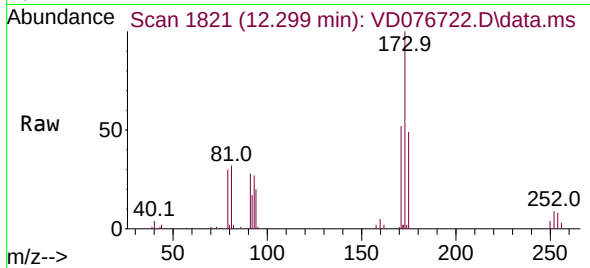
Tgt Ion:104 Resp: 344648
Ion Ratio Lower Upper
104 100
78 43.8 33.2 49.8
103 54.6 43.6 65.4





#71
Bromoform
Concen: 56.502 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



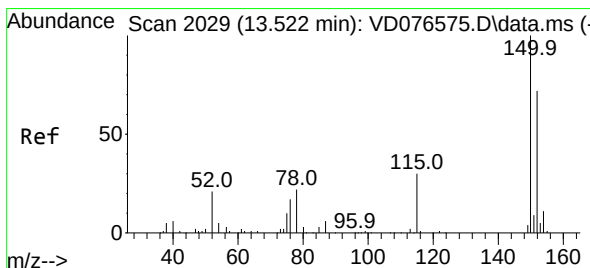
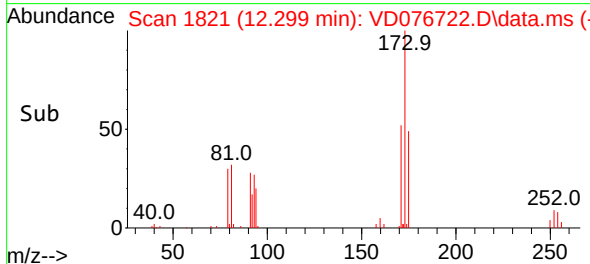
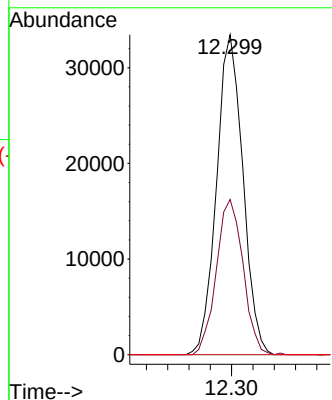
Tgt Ion:173 Resp: 57418
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
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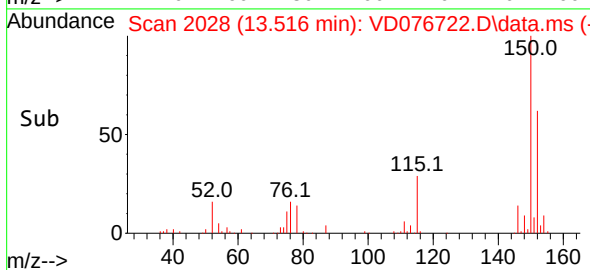
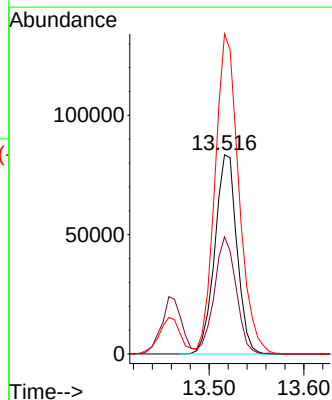
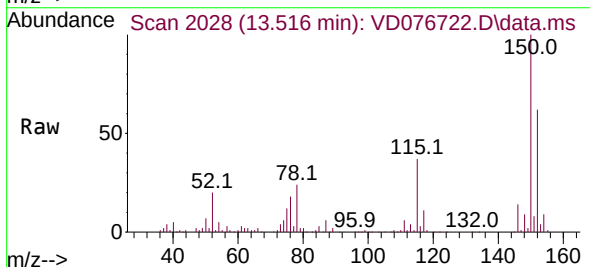
07/13/2023
Supervised By :Mahesh
Dadoda

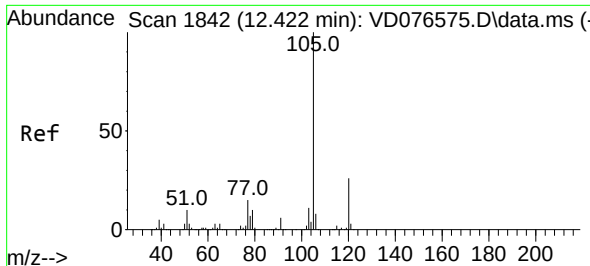
07/13/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion:152 Resp: 135383
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 172.9 0.0 353.6





#73
Isopropylbenzene
Concen: 56.793 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

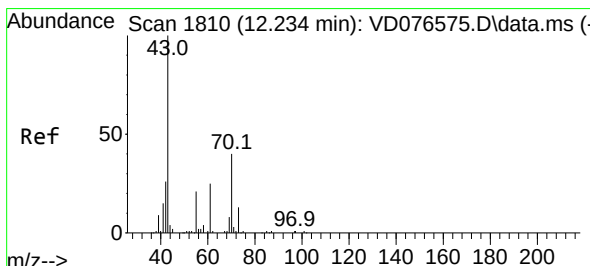
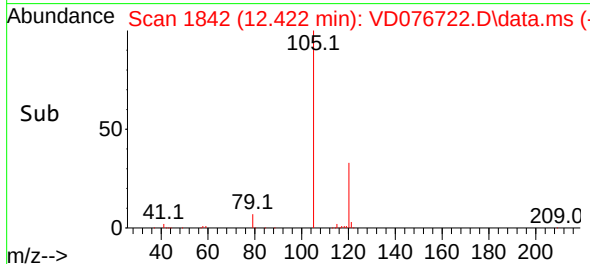
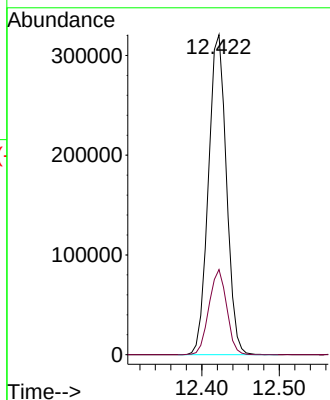
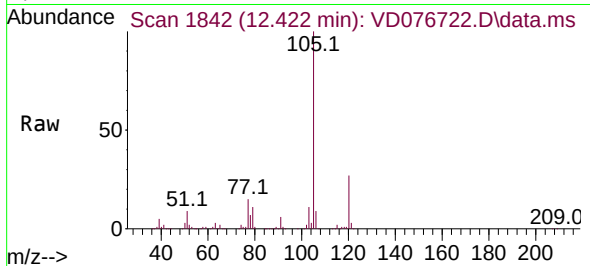
Tgt Ion:105 Resp: 517670
Ion Ratio Lower Upper
105 100
120 26.1 14.3 42.9

Manual Integrations
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Reviewed By :John
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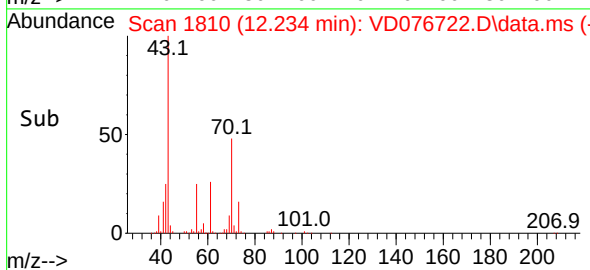
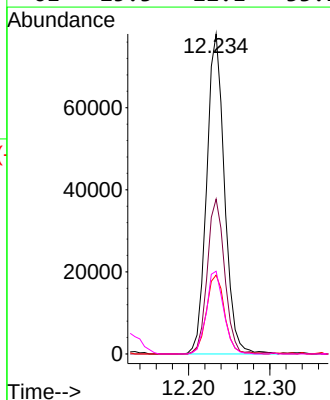
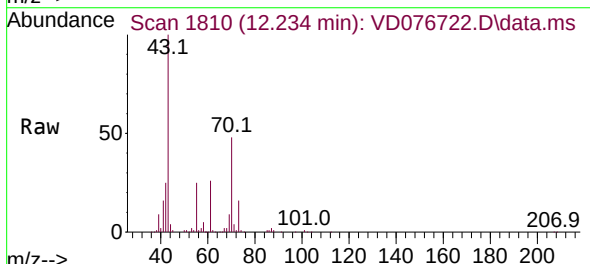
07/13/2023
Supervised By :Mahesh
Dadoda

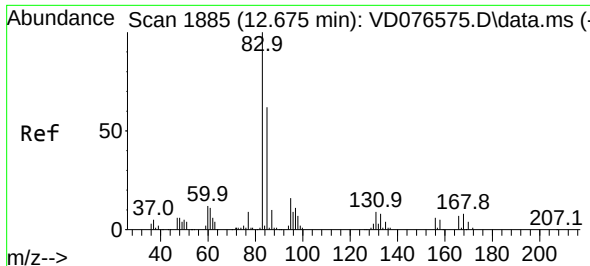
07/13/2023



#74
N-ethyl acetate
Concen: 44.487 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

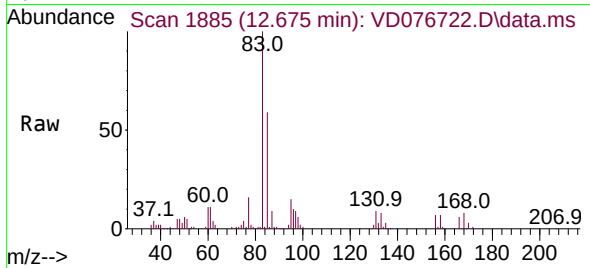
Tgt Ion: 43 Resp: 118713
Ion Ratio Lower Upper
43 100
70 47.1 45.0 67.4
55 25.2 23.8 35.6
61 25.3 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 58.532 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



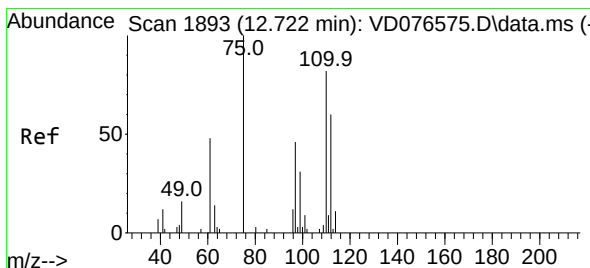
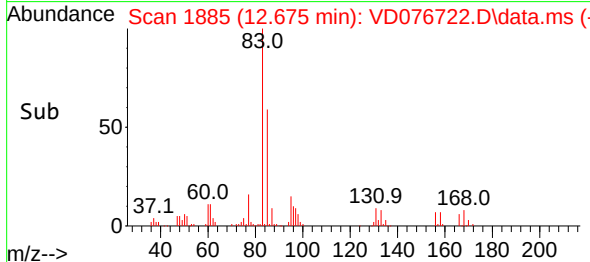
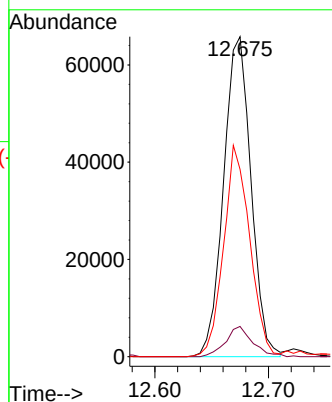
Tgt Ion: 83 Resp: 11093
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.1 32.6 97.8

Manual Integrations
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Reviewed By :John
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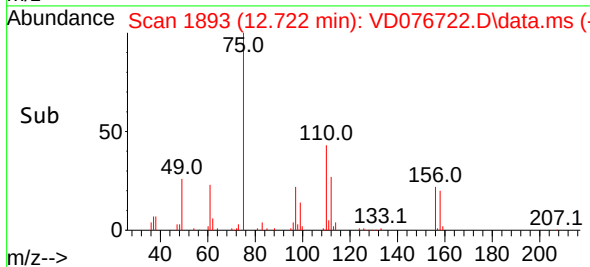
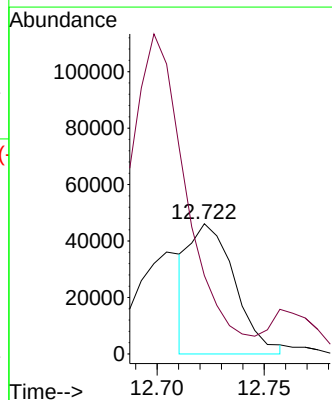
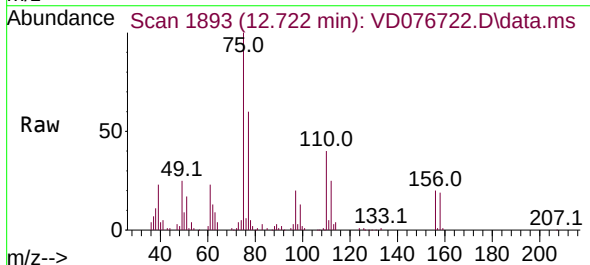
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Supervised By :Mahesh
Dadoda

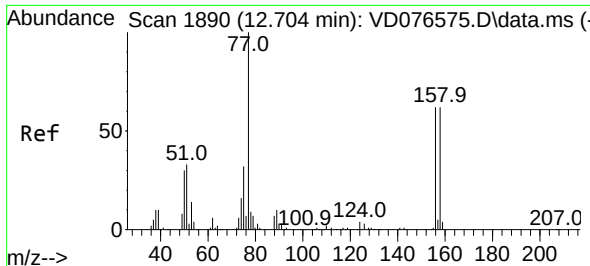
07/13/2023



#76
1,2,3-Trichloropropane
Concen: 50.438 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

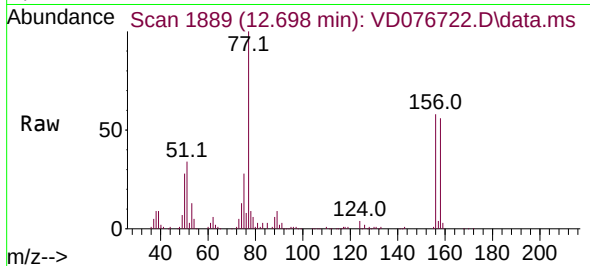
Tgt Ion: 75 Resp: 67770
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 49.104 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



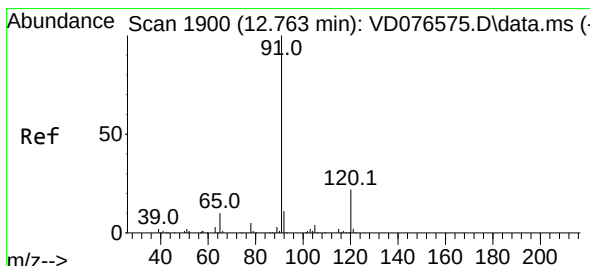
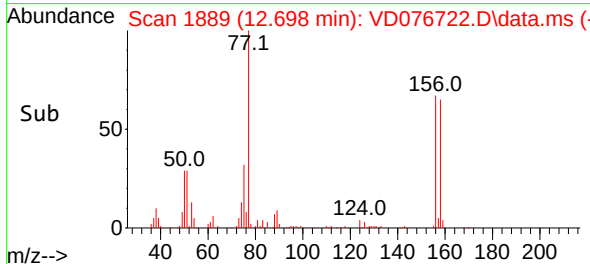
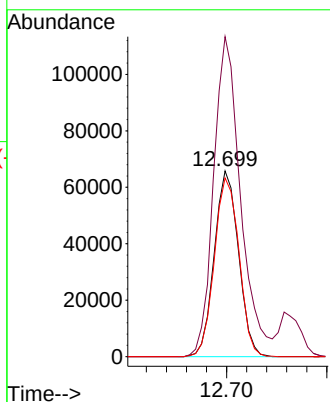
Tgt Ion:156 Resp: 110424
Ion Ratio Lower Upper
156 100
77 191.5 76.8 230.4
158 97.8 48.6 145.9

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Reviewed By :John
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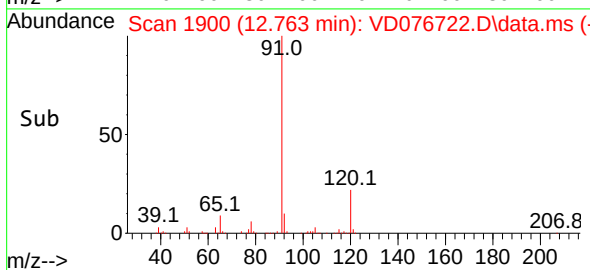
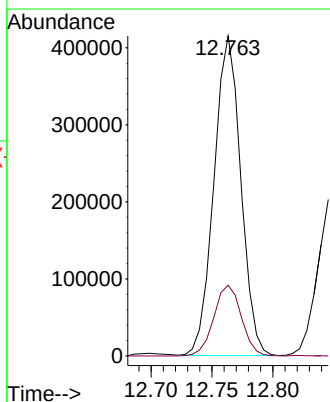
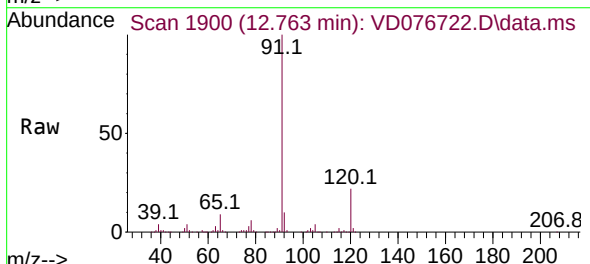
07/13/2023
Supervised By :Mahesh
Dadoda

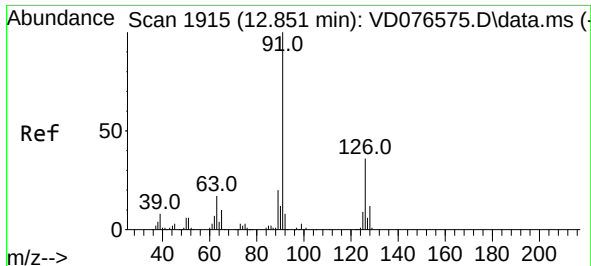
07/13/2023



#78
n-propylbenzene
Concen: 56.540 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion: 91 Resp: 636342
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2





#79
2-Chlorotoluene
Concen: 55.061 ug/l
RT: 12.846 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

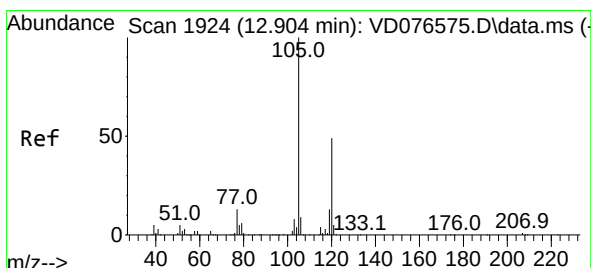
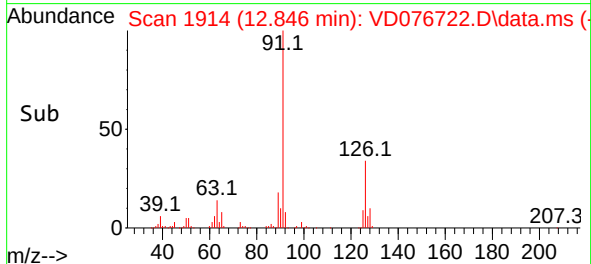
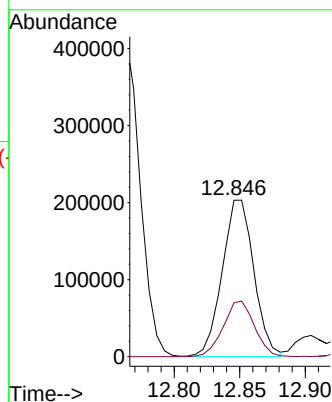
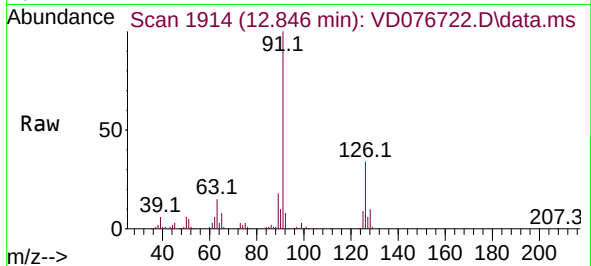
Tgt Ion: 91 Resp: 34029
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.1

Manual Integrations
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Reviewed By :John
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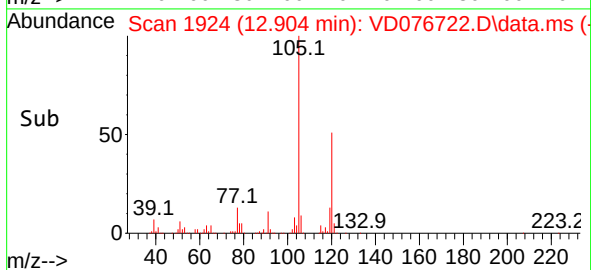
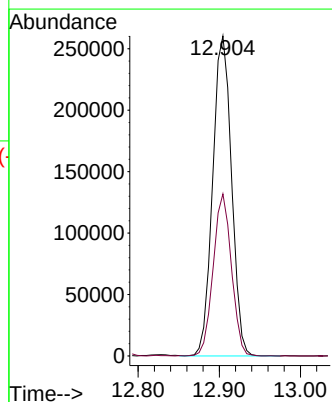
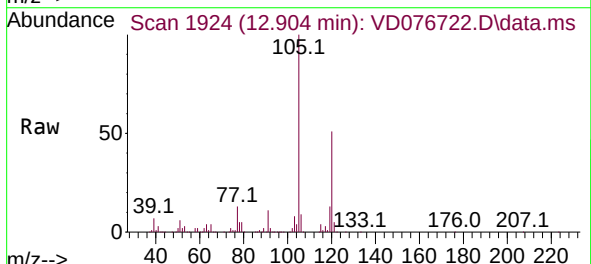
07/13/2023
Supervised By :Mahesh
Dadoda

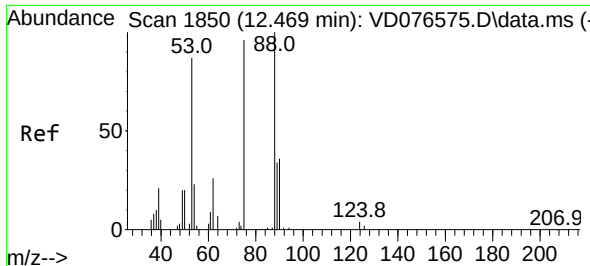
07/13/2023



#80
1,3,5-Trimethylbenzene
Concen: 56.413 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

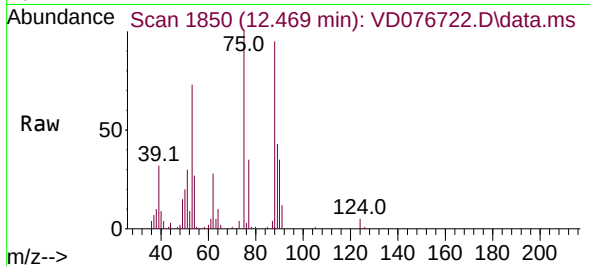
Tgt Ion:105 Resp: 419922
Ion Ratio Lower Upper
105 100
120 49.1 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 52.561 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



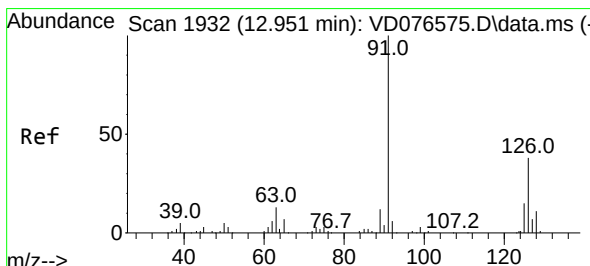
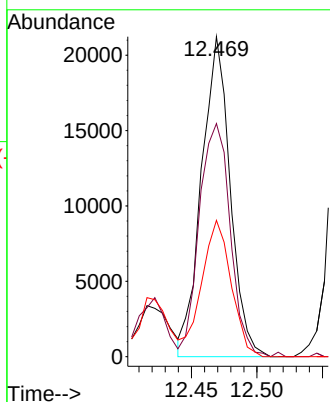
Tgt Ion: 75 Resp: 32230
Ion Ratio Lower Upper
75 100
53 78.8 63.0 94.4
89 44.1 37.9 56.9

Manual Integrations
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Reviewed By :John
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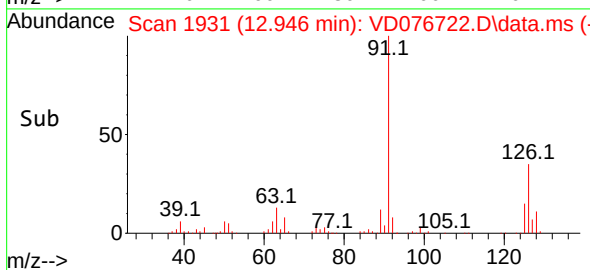
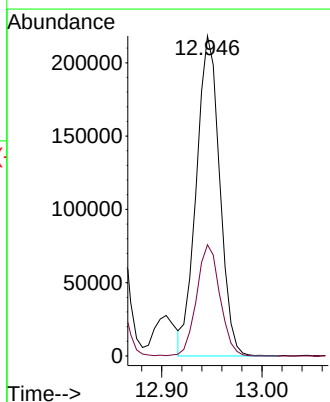
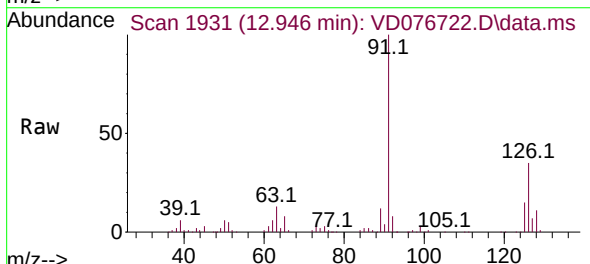
07/13/2023
Supervised By :Mahesh
Dadoda

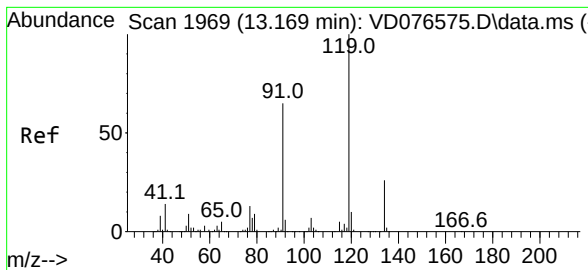
07/13/2023



#82
4-Chlorotoluene
Concen: 55.069 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

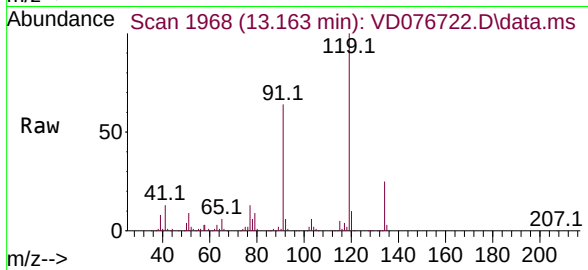
Tgt Ion: 91 Resp: 353456
Ion Ratio Lower Upper
91 100
126 34.6 19.4 58.4





#83
tert-Butylbenzene
Concen: 55.740 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



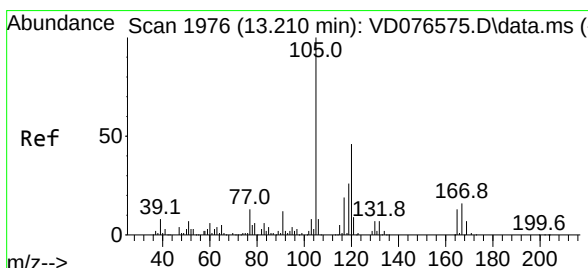
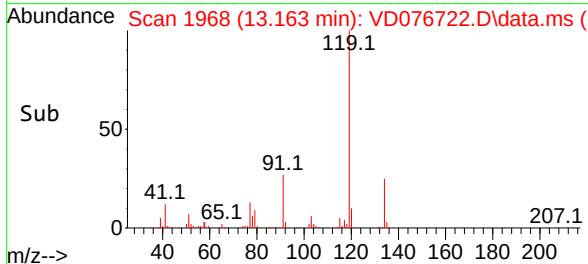
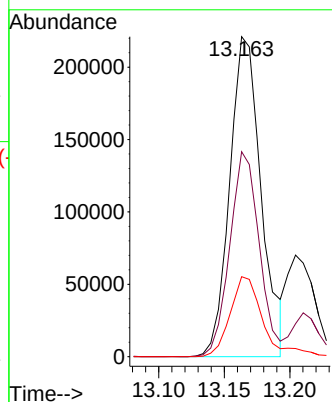
Tgt Ion:119 Resp: 368674
Ion Ratio Lower Upper
119 100
91 60.2 29.3 87.8
134 26.1 14.1 42.3

Manual Integrations
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Reviewed By :John
Carlone

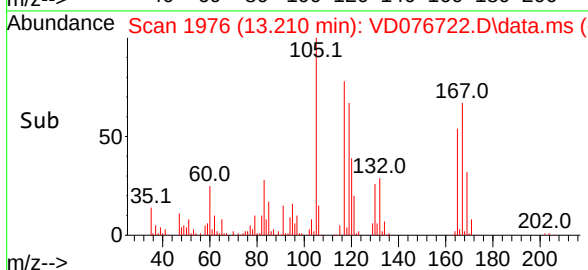
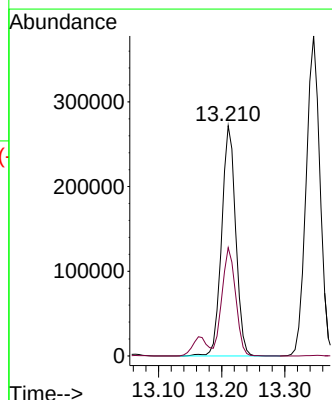
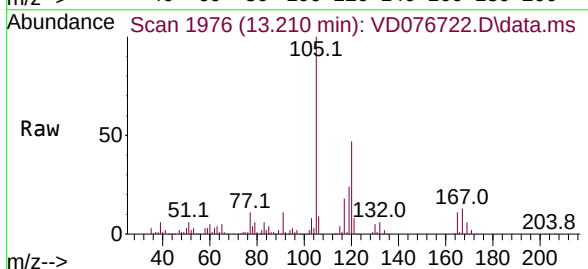
07/13/2023
Supervised By :Mahesh
Dadoda

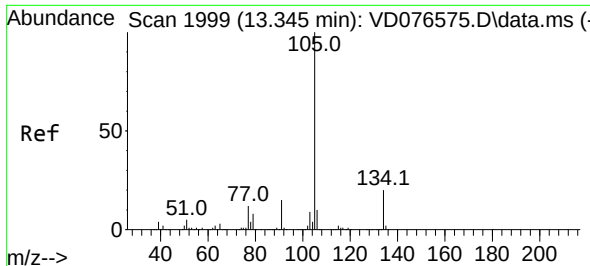
07/13/2023



#84
1,2,4-Trimethylbenzene
Concen: 56.023 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion:105 Resp: 420248
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 58.551 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076722.D
 Acq: 12 Jul 2023 09:14

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

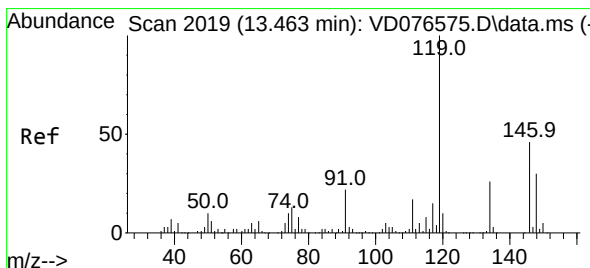
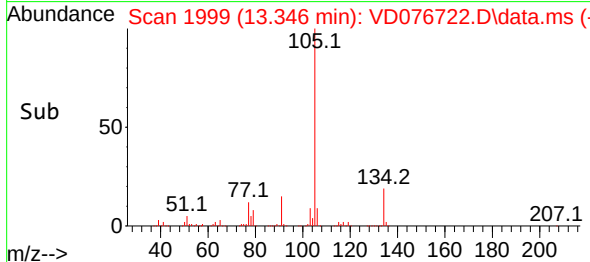
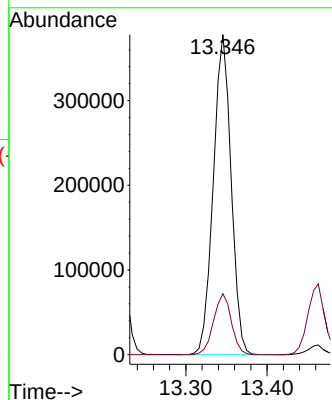
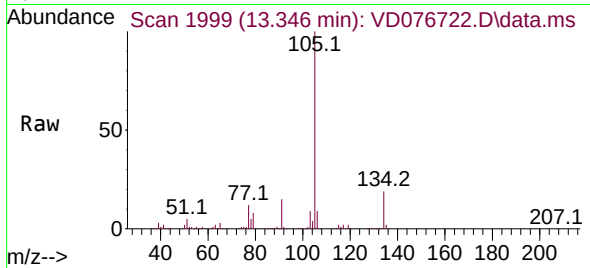
Tgt Ion:105 Resp: 574689
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.9 32.9

Manual Integrations
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Reviewed By :John
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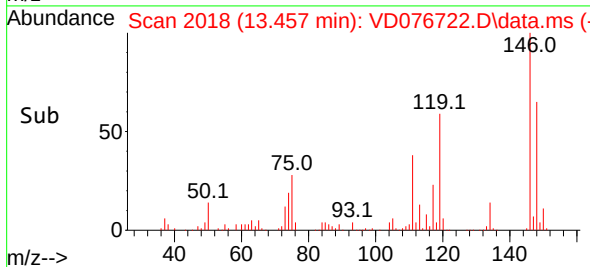
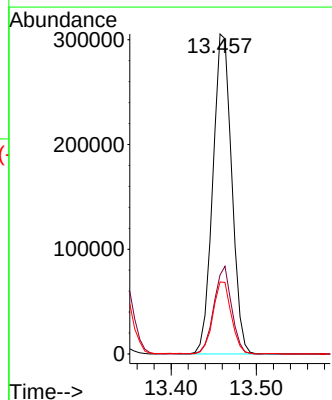
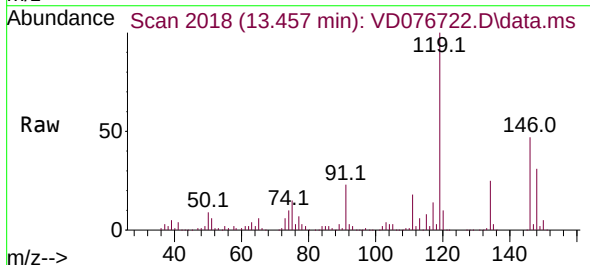
07/13/2023
 Supervised By :Mahesh
 Dadoda

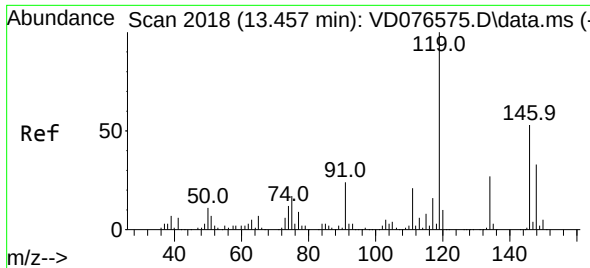
07/13/2023



#86
 p-Isopropyltoluene
 Concen: 57.507 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD076722.D
 Acq: 12 Jul 2023 09:14

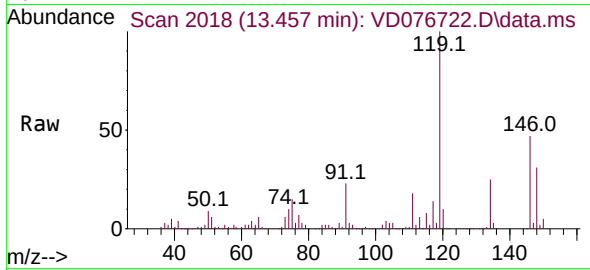
Tgt Ion:119 Resp: 471640
 Ion Ratio Lower Upper
 119 100
 134 25.6 14.2 42.6
 91 22.0 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 53.124 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



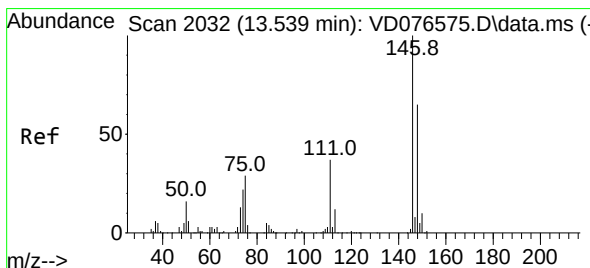
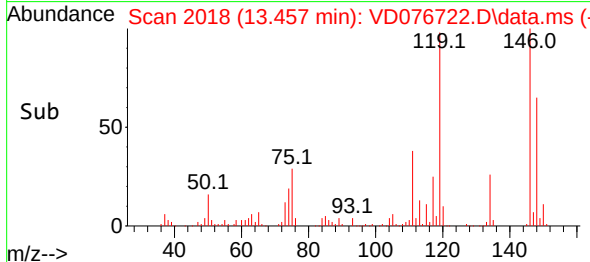
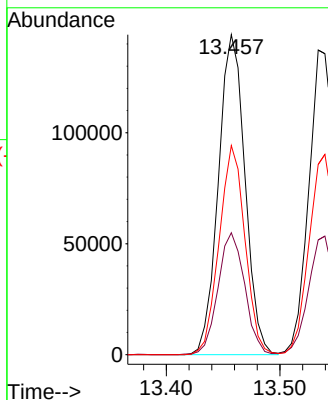
Tgt Ion:146 Resp: 234659
Ion Ratio Lower Upper
146 100
111 38.2 17.9 53.8
148 63.5 32.3 96.8

Manual Integrations
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Reviewed By :John
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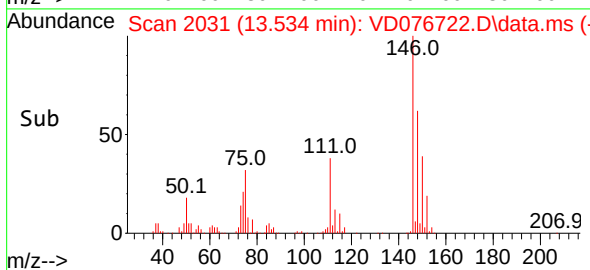
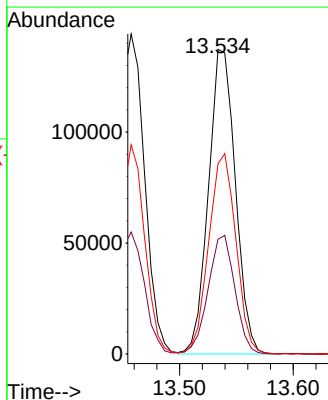
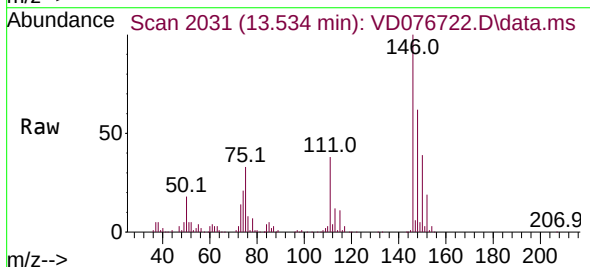
07/13/2023
Supervised By :Mahesh
Dadoda

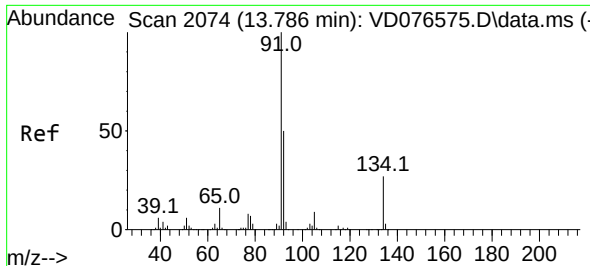
07/13/2023



#88
1,4-Dichlorobenzene
Concen: 51.397 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion:146 Resp: 226426
Ion Ratio Lower Upper
146 100
111 38.8 17.4 52.3
148 66.5 31.7 95.1





#89
n-Butylbenzene
Concen: 58.376 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

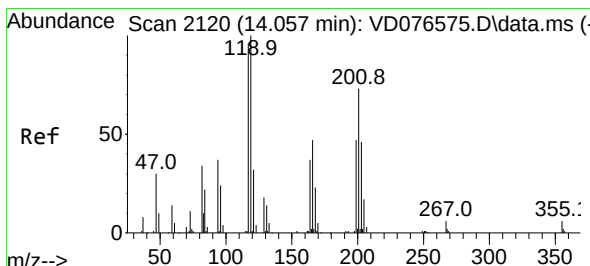
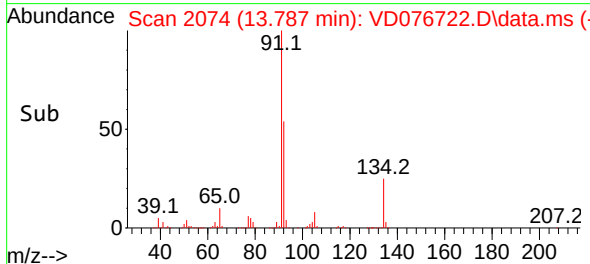
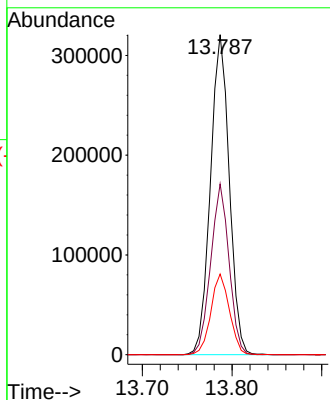
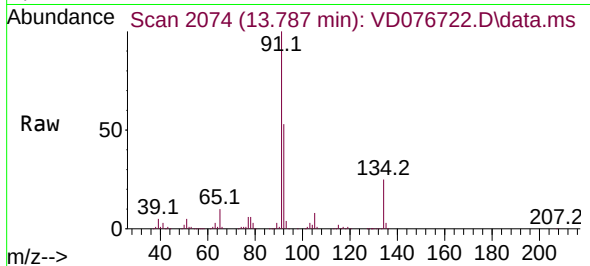
Tgt Ion: 91 Resp: 466978
Ion Ratio Lower Upper
91 100
92 52.0 26.5 79.5
134 24.9 13.8 41.3

Manual Integrations
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Reviewed By :John
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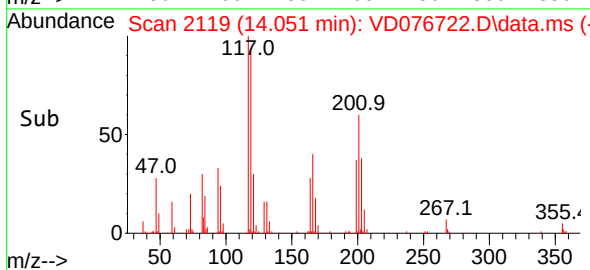
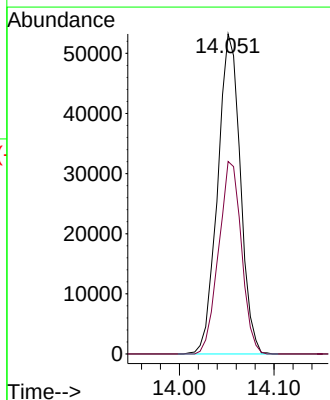
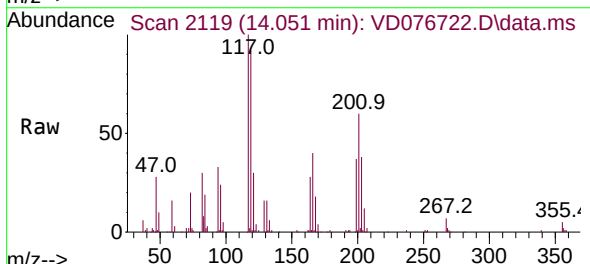
07/13/2023
Supervised By :Mahesh
Dadoda

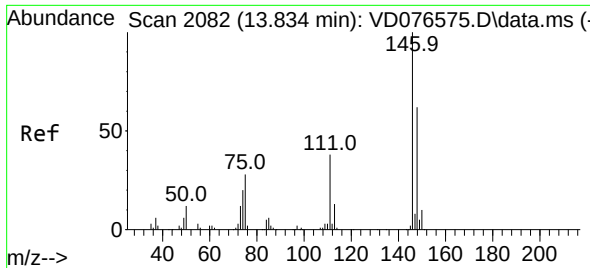
07/13/2023



#90
Hexachloroethane
Concen: 58.507 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Tgt Ion:117 Resp: 88549
Ion Ratio Lower Upper
117 100
201 60.3 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 52.818 ug/l
RT: 13.828 min Scan# 2082
Delta R.T. -0.006 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

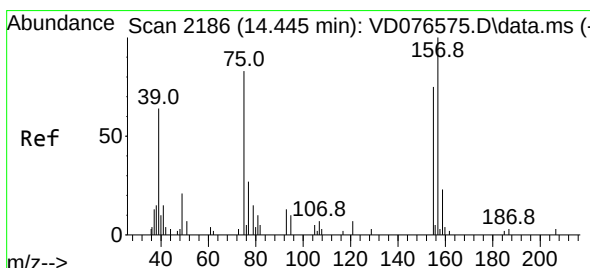
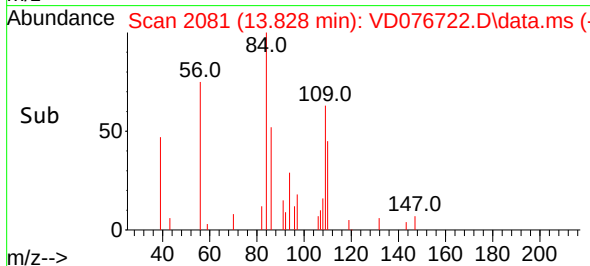
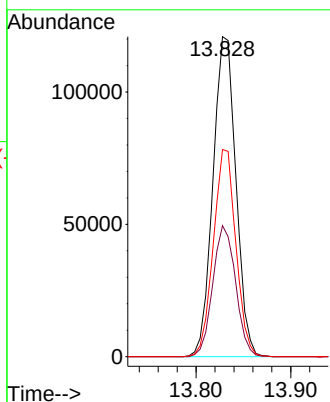
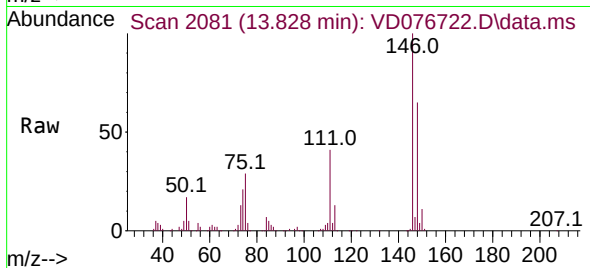
Tgt Ion:146 Resp: 203872
Ion Ratio Lower Upper
146 100
111 40.6 18.3 54.8
148 63.5 31.6 94.7

Manual Integrations
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Reviewed By :John
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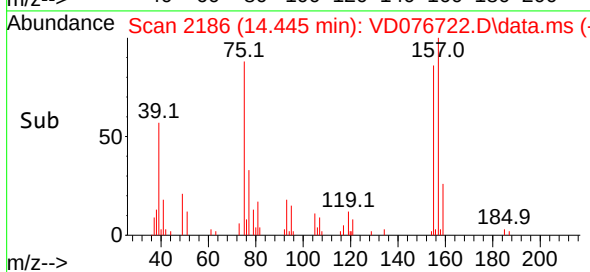
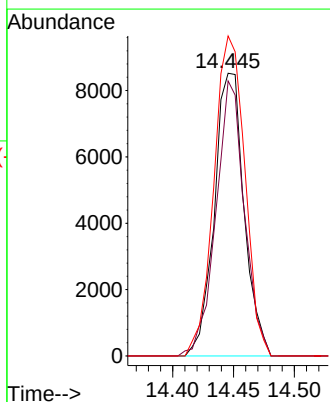
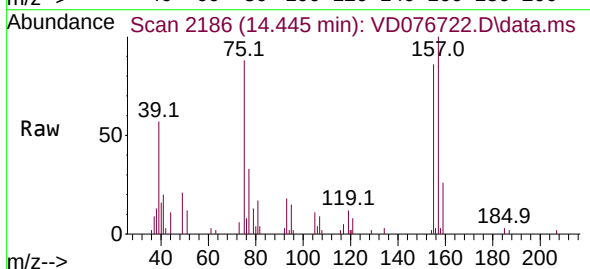
07/13/2023
Supervised By :Mahesh
Dadoda

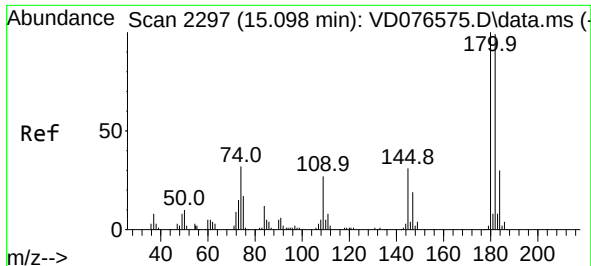
07/13/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.178 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

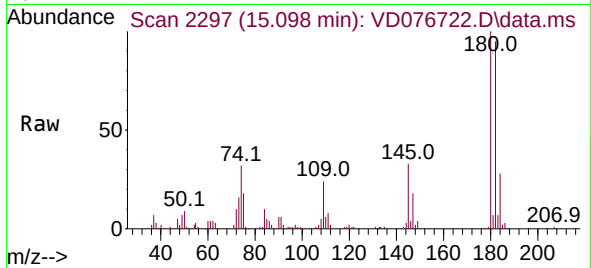
Tgt Ion: 75 Resp: 14489
Ion Ratio Lower Upper
75 100
155 93.0 47.9 143.8
157 117.5 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 47.829 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



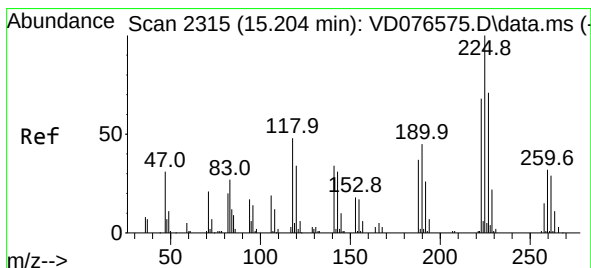
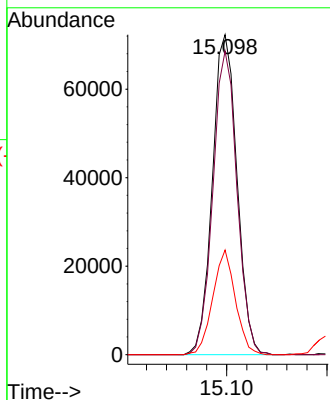
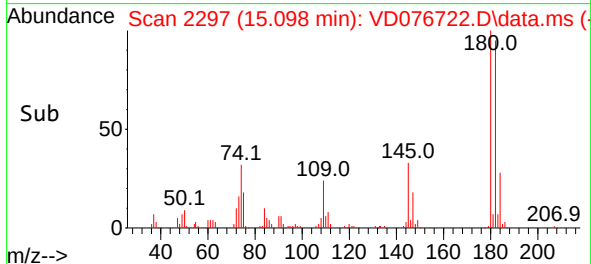
Tgt Ion:180 Resp: 12303
Ion Ratio Lower Upper
180 100
182 92.9 48.5 145.6
145 30.1 14.2 42.6

Manual Integrations
APPROVED

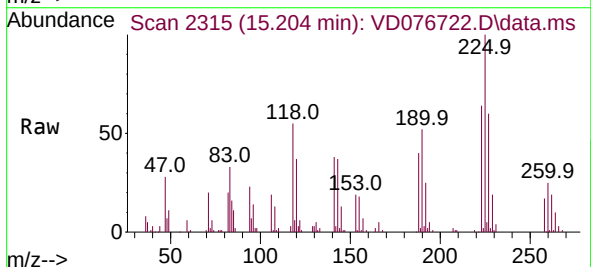
Reviewed By :John
Carlone

07/13/2023
Supervised By :Mahesh
Dadoda

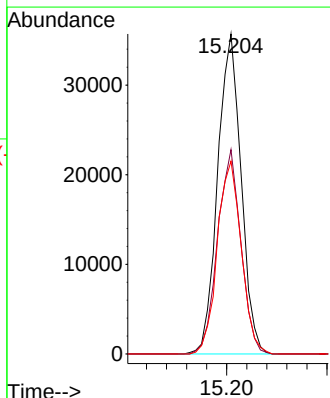
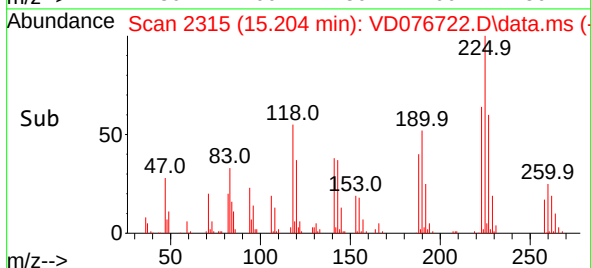
07/13/2023

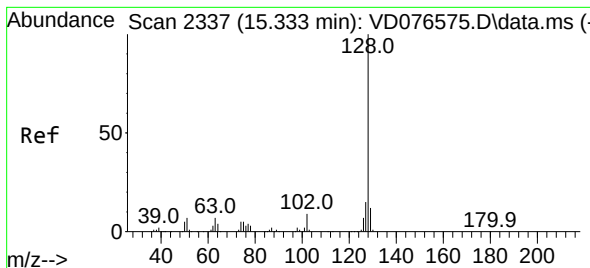


#94
Hexachlorobutadiene
Concen: 46.220 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076722.D
Acq: 12 Jul 2023 09:14



Tgt Ion:225 Resp: 57805
Ion Ratio Lower Upper
225 100
223 63.5 31.6 94.8
227 61.8 31.7 95.1





#95

Naphthalene

Concen: 51.701 ug/l

RT: 15.328 min Scan# 2336

Delta R.T. -0.006 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:128	Resp: 26595
Ion Ratio	Lower Upper
128 100	
127 11.4	10.5 15.7
129 9.9	8.7 13.1

Manual Integrations

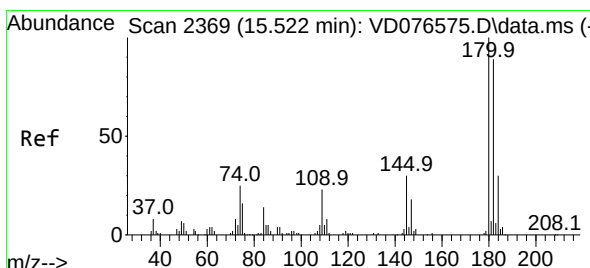
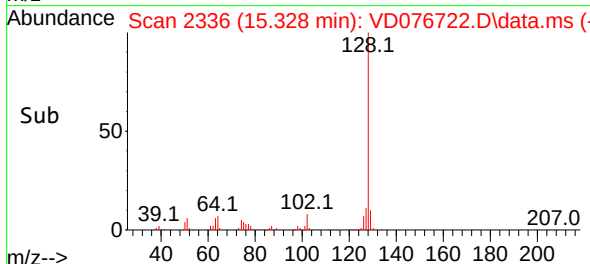
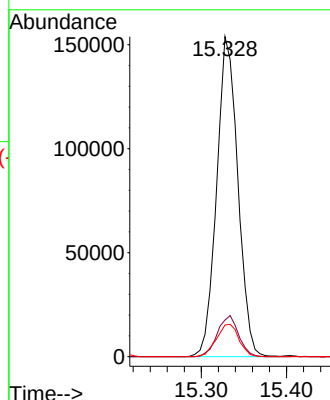
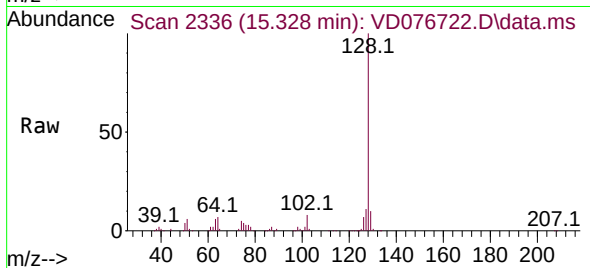
APPROVED

Reviewed By :John
Carlone

07/13/2023

Supervised By :Mahesh
Dadoda

07/13/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.964 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD076722.D

Acq: 12 Jul 2023 09:14

Tgt Ion:180	Resp: 109740
Ion Ratio	Lower Upper
180 100	
182 92.3	47.3 141.9
145 30.6	15.1 45.3

