

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076768.D
 Acq On : 18 Jul 2023 10:36
 Operator : KP/SY
 Sample : VD0718SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

Quant Time: Jul 19 06:40:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	187561	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	339123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301791	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	145517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	84731	45.355	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.720%		
35) Dibromofluoromethane	7.805	113	99788	46.825	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	93.660%		
50) Toluene-d8	10.269	98	341489	44.793	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	89.580%		
62) 4-Bromofluorobenzene	12.575	95	112234	45.508	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.020%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	34856	23.765	ug/l	98
3) Chloromethane	2.146	50	48507	19.172	ug/l	95
4) Vinyl Chloride	2.275	62	67414	19.988	ug/l	97
5) Bromomethane	2.675	94	56802	20.469	ug/l	99
6) Chloroethane	2.828	64	51488	20.220	ug/l	99
7) Trichlorofluoromethane	3.164	101	67935	22.637	ug/l	100
8) Diethyl Ether	3.587	74	19307	18.686	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.952	101	44502	22.559	ug/l	95
10) Methyl Iodide	4.158	142	43846	19.717	ug/l	95
11) Tert butyl alcohol	5.064	59	14026	100.613	ug/l	# 92
12) 1,1-Dichloroethene	3.934	96	38522	20.785	ug/l	89
13) Acrolein	3.793	56	9498	99.979	ug/l	95
14) Allyl chloride	4.552	41	48196	19.795	ug/l	92
15) Acrylonitrile	5.252	53	45242	89.150	ug/l	96
16) Acetone	4.017	43	41246	92.447	ug/l	# 83
17) Carbon Disulfide	4.264	76	84731	19.574	ug/l	# 95
18) Methyl Acetate	4.564	43	34149	20.372	ug/l	94
19) Methyl tert-butyl Ether	5.316	73	92074	18.525	ug/l	97
20) Methylene Chloride	4.793	84	71823	21.077	ug/l	93
21) trans-1,2-Dichloroethene	5.305	96	42555	19.753	ug/l	98
22) Diisopropyl ether	6.216	45	114879	19.926	ug/l	96
23) Vinyl Acetate	6.158	43	247447m	86.743	ug/l	
24) 1,1-Dichloroethane	6.105	63	79421	20.431	ug/l	98
25) 2-Butanone	7.081	43	59031	98.860	ug/l	89
26) 2,2-Dichloropropane	7.075	77	70624	21.076	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	52279	19.685	ug/l	94
28) Bromochloromethane	7.422	49	21579	22.204	ug/l	87
29) Tetrahydrofuran	7.446	42	32101	90.990	ug/l	93
30) Chloroform	7.587	83	85425	20.064	ug/l	96
31) Cyclohexane	7.875	56	57092	20.766	ug/l	# 92
32) 1,1,1-Trichloroethane	7.793	97	73059	21.268	ug/l	98
36) 1,1-Dichloropropene	8.005	75	60097	21.581	ug/l	95
37) Ethyl Acetate	7.169	43	23928	19.214	ug/l	98
38) Carbon Tetrachloride	7.993	117	58522	21.948	ug/l	90
39) Methylcyclohexane	9.269	83	70667	21.978	ug/l	95
40) Benzene	8.252	78	178260	20.288	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	14303	18.808	ug/l #	90
42) 1,2-Dichloroethane	8.328	62	47539	20.823	ug/l	97
43) Isopropyl Acetate	8.357	43	44279	18.218	ug/l	94
44) Trichloroethene	9.034	130	47858	19.988	ug/l	100
45) 1,2-Dichloropropane	9.304	63	46822	20.644	ug/l	97
46) Dibromomethane	9.393	93	27459	20.683	ug/l	87
47) Bromodichloromethane	9.581	83	67568	20.281	ug/l	97
48) Methyl methacrylate	9.381	41	21634	19.557	ug/l #	81
49) 1,4-Dioxane	9.387	88	5259	309.179	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	121873	94.180	ug/l	92
52) Toluene	10.334	92	115198	19.962	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	58735	18.994	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	70289	19.286	ug/l #	88
55) 1,1,2-Trichloroethane	10.734	97	39111	20.174	ug/l	93
56) Ethyl methacrylate	10.599	69	41019	18.332	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	61812	19.578	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	86027	99.324	ug/l	99
59) 2-Hexanone	10.922	43	86619	93.809	ug/l	95
60) Dibromochloromethane	11.069	129	45187	20.064	ug/l	99
61) 1,2-Dibromoethane	11.181	107	35312	19.647	ug/l	100
64) Tetrachloroethene	10.810	164	40956	23.800	ug/l	93
65) Chlorobenzene	11.604	112	126989	20.922	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.681	131	46861	20.737	ug/l	97
67) Ethyl Benzene	11.681	91	224649	21.075	ug/l	96
68) m/p-Xylenes	11.793	106	170820	41.726	ug/l	93
69) o-Xylene	12.122	106	80941	20.446	ug/l	93
70) Styrene	12.134	104	144513	20.853	ug/l	98
71) Bromoform	12.298	173	25818	20.861	ug/l #	97
73) Isopropylbenzene	12.422	105	218169	20.665	ug/l	95
74) N-amyl acetate	12.234	43	42860	19.270	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	46309	20.429	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	26998m	19.509	ug/l	
77) Bromobenzene	12.698	156	47677	19.564	ug/l	85
78) n-propylbenzene	12.763	91	270467	21.132	ug/l	96
79) 2-Chlorotoluene	12.845	91	142735	20.339	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	177920	20.842	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	12276	18.880	ug/l	98
82) 4-Chlorotoluene	12.945	91	151219	20.626	ug/l	94
83) tert-Butylbenzene	13.169	119	157811	20.995	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	176335	20.213	ug/l	97
85) sec-Butylbenzene	13.345	105	249458	21.722	ug/l	94
86) p-Isopropyltoluene	13.463	119	201480	21.244	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	99642	19.879	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	100764	20.519	ug/l	96
89) n-Butylbenzene	13.787	91	196447	21.167	ug/l	96
90) Hexachloroethane	14.051	117	40417	23.051	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	87487	19.808	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6383	19.749	ug/l	90
93) 1,2,4-Trichlorobenzene	15.098	180	51909	19.251	ug/l	99
94) Hexachlorobutadiene	15.198	225	27207	20.980	ug/l	100
95) Naphthalene	15.328	128	106505	18.242	ug/l	96
96) 1,2,3-Trichlorobenzene	15.516	180	46478	19.208	ug/l	99

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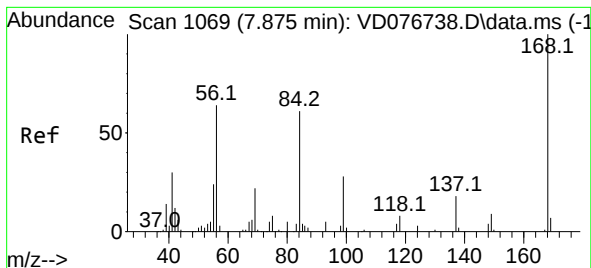
Manual Integrations
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Response via : Initial Calibration

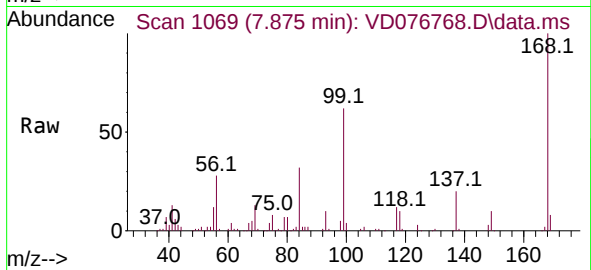
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076768.D
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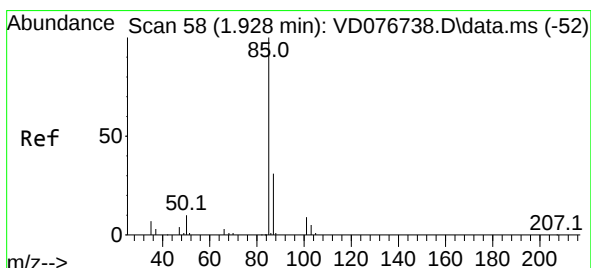
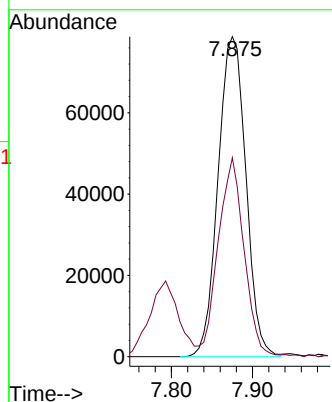
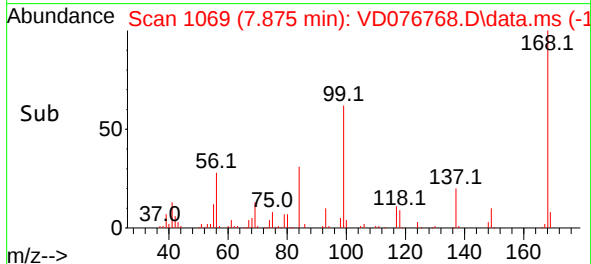
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 18756
Ion Ratio Lower Upper
168 100
99 61.6 36.7 55.1

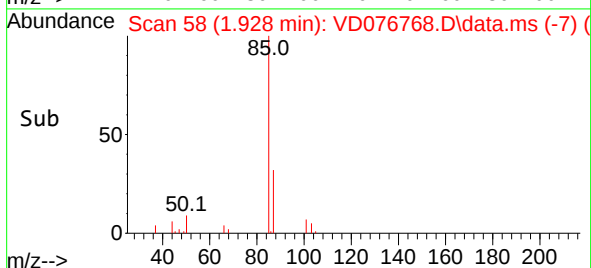
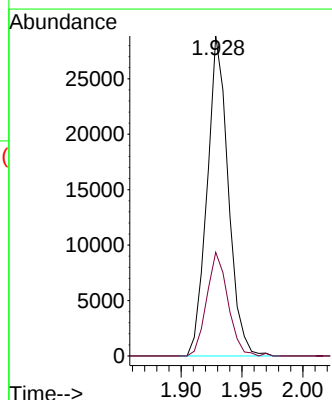
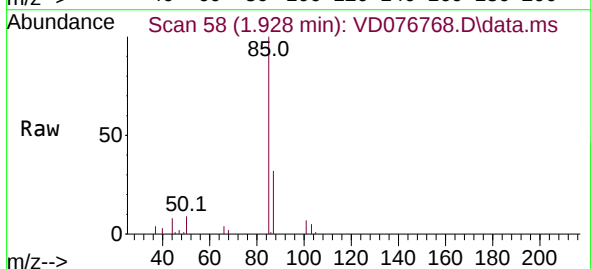
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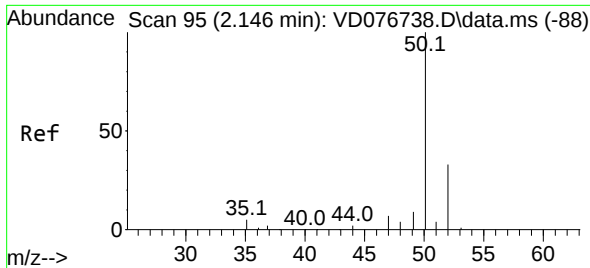
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#2
Dichlorodifluoromethane
Concen: 23.765 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

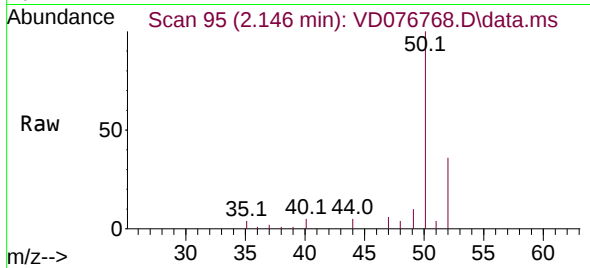
Tgt Ion: 85 Resp: 34856
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0





#3
Chloromethane
Concen: 19.172 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

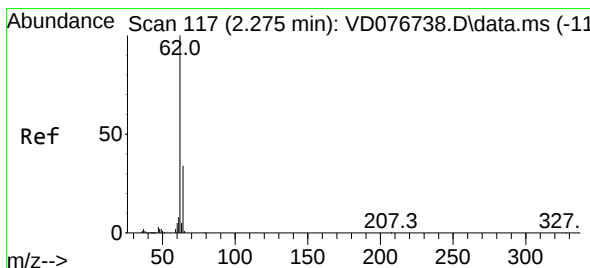
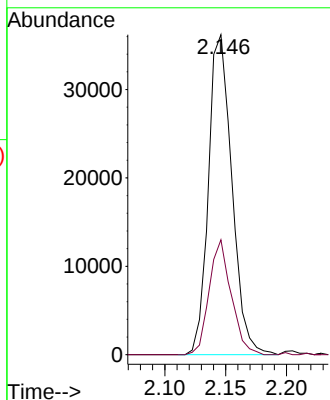
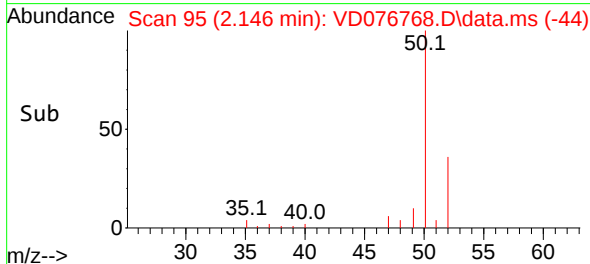
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Tgt Ion: 50 Resp: 4850
Ion Ratio Lower Upper
50 100
52 35.9 26.6 40.0

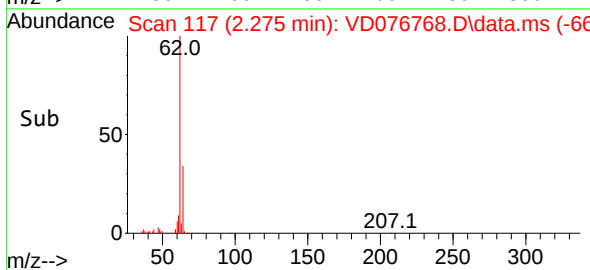
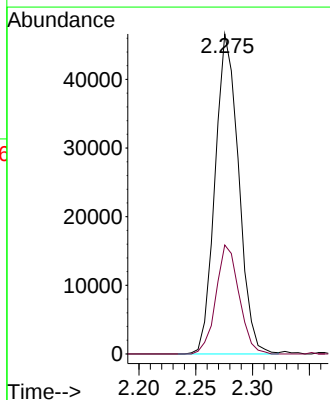
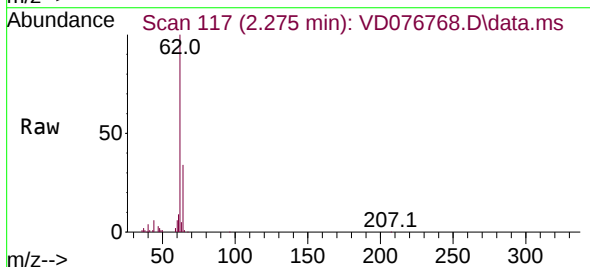
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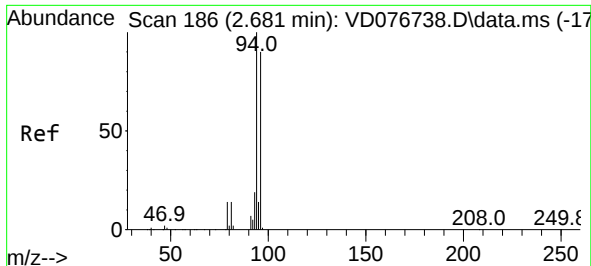
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#4
Vinyl Chloride
Concen: 19.988 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

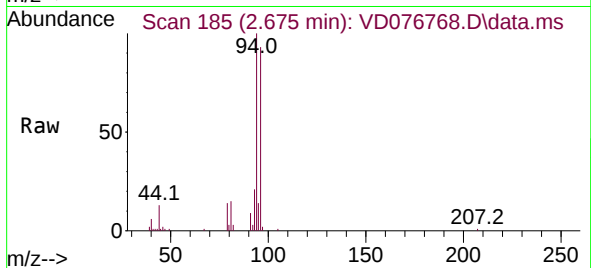
Tgt Ion: 62 Resp: 67414
Ion Ratio Lower Upper
62 100
64 34.0 26.0 39.0





#5
Bromomethane
Concen: 20.469 ug/l
RT: 2.675 min Scan# 185
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

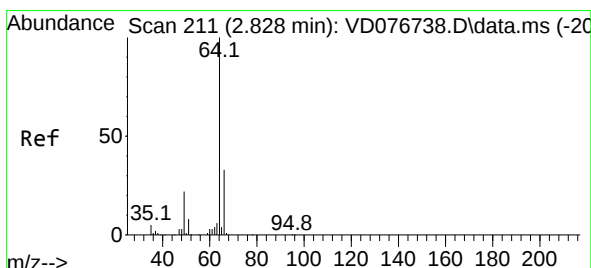
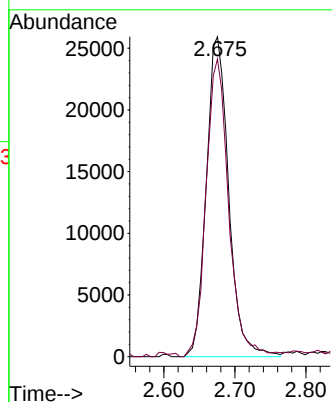
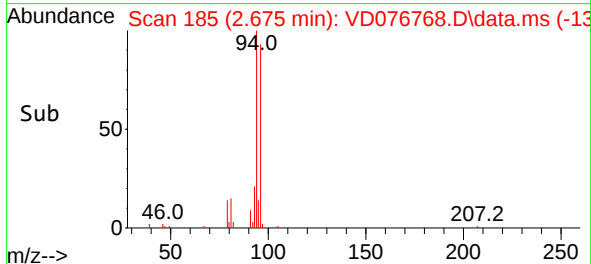
Instrument :
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Tgt Ion: 94 Resp: 5680
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8

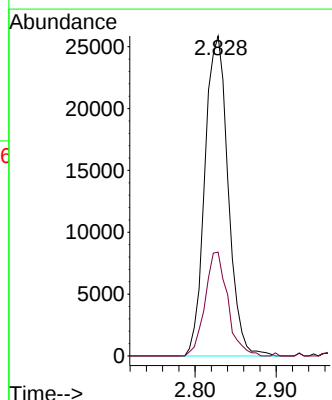
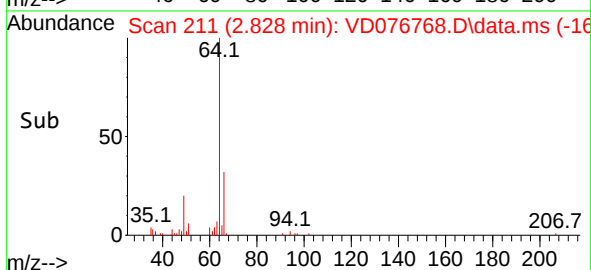
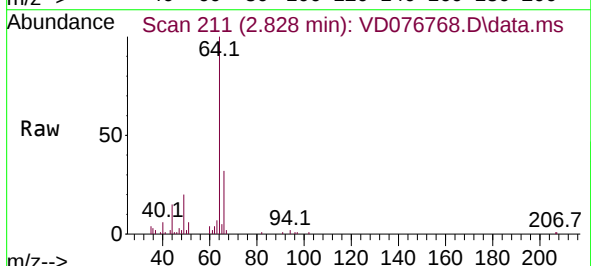
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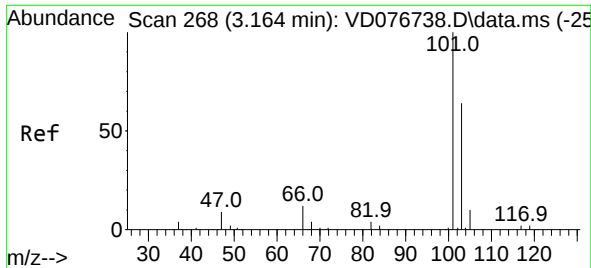
Reviewed By :John Carlone 07/19/2023
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#6
Chloroethane
Concen: 20.220 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

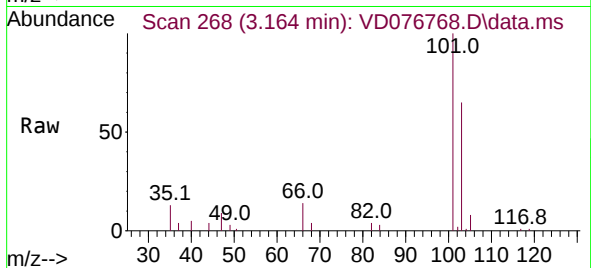
Tgt Ion: 64 Resp: 51488
Ion Ratio Lower Upper
64 100
66 32.5 25.5 38.3





#7
Trichlorofluoromethane
Concen: 22.637 ug/l
RT: 3.164 min Scan# 207
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

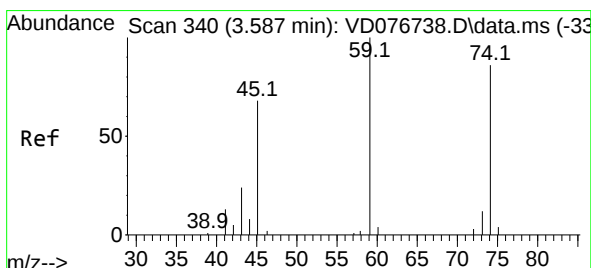
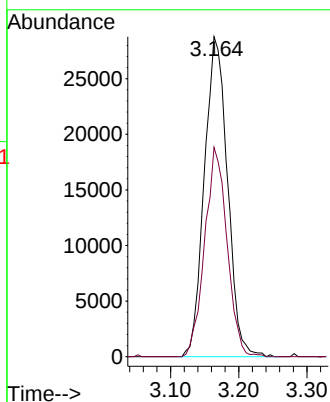
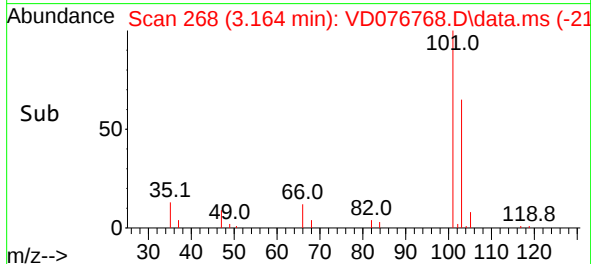
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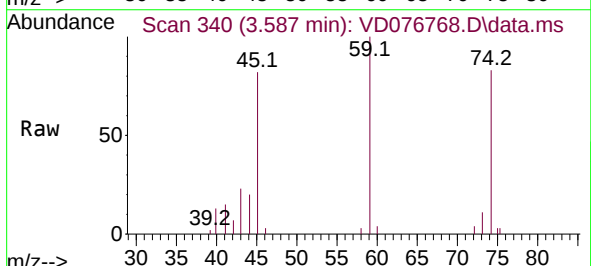
Tgt Ion:101 Resp: 67935
Ion Ratio Lower Upper
101 100
103 65.4 52.3 78.5

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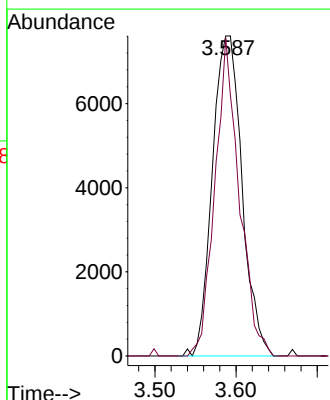
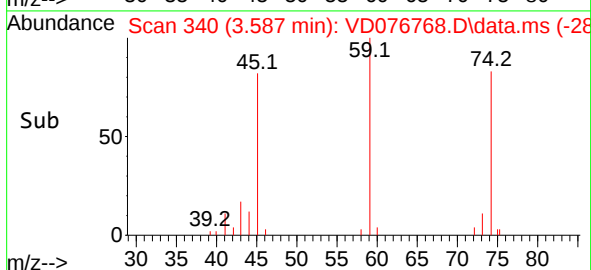
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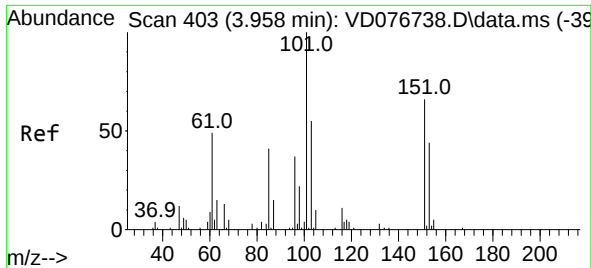


#8
Diethyl Ether
Concen: 18.686 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
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Acq: 18 Jul 2023 10:36



Tgt Ion: 74 Resp: 19307
Ion Ratio Lower Upper
74 100
45 81.9 37.5 112.7





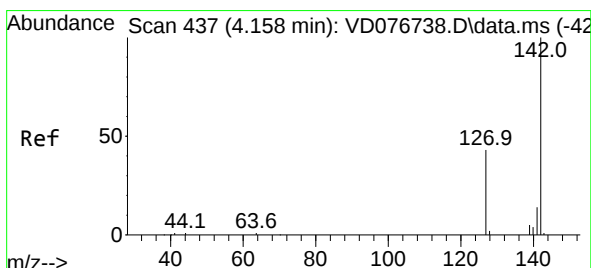
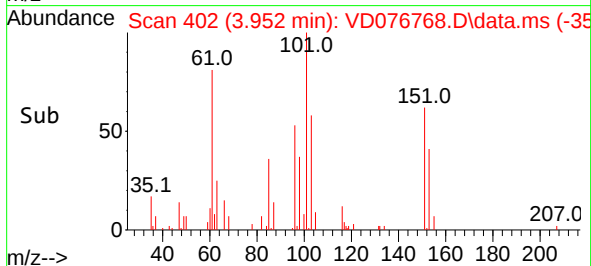
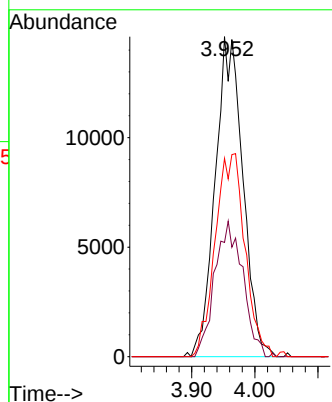
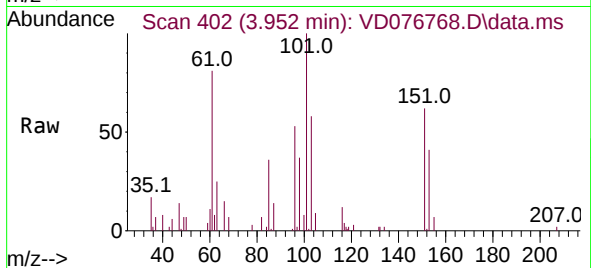
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.559 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion:101 Resp: 44502
Ion Ratio Lower Upper
101 100
85 42.8 33.8 50.6
151 68.2 59.8 89.6

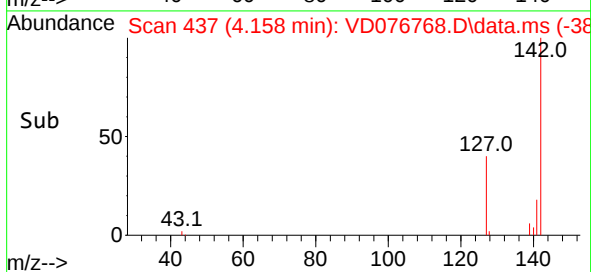
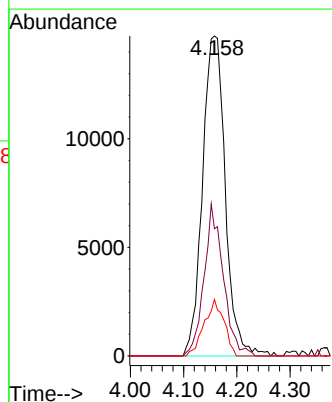
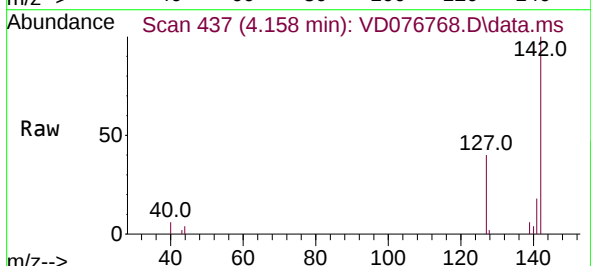
Manual Integrations
APPROVED

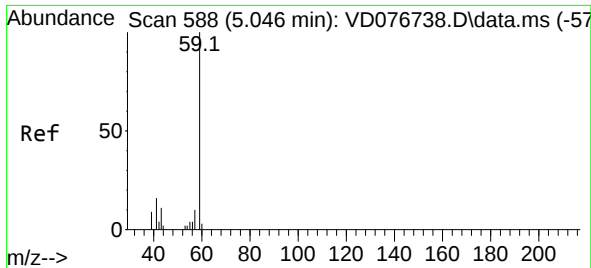
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#10
Methyl Iodide
Concen: 19.717 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion:142 Resp: 43846
Ion Ratio Lower Upper
142 100
127 40.1 29.4 44.0
141 15.3 11.1 16.7





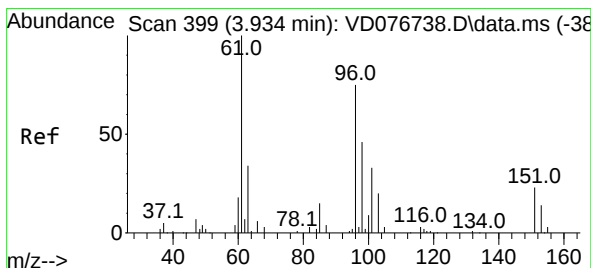
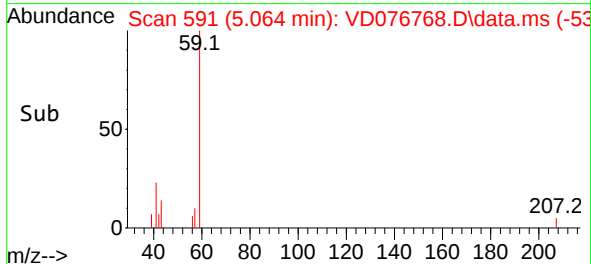
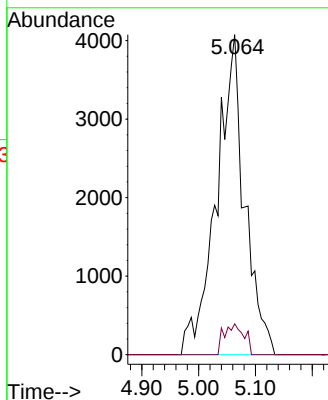
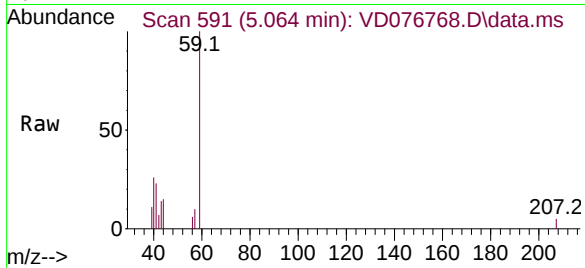
#11
Tert butyl alcohol
Concen: 100.613 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion: 59 Resp: 14020
Ion Ratio Lower Upper
59 100
57 6.9 7.8 11.8

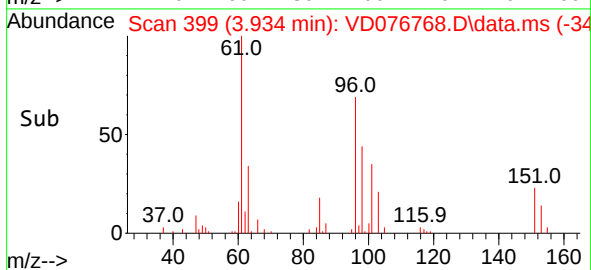
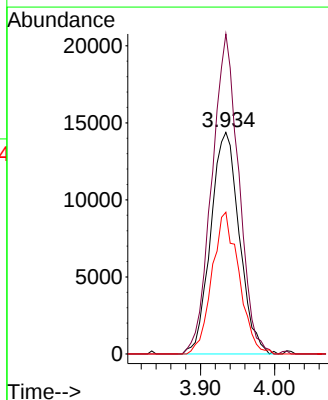
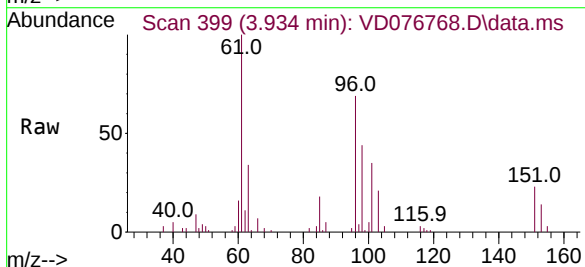
Manual Integrations
APPROVED

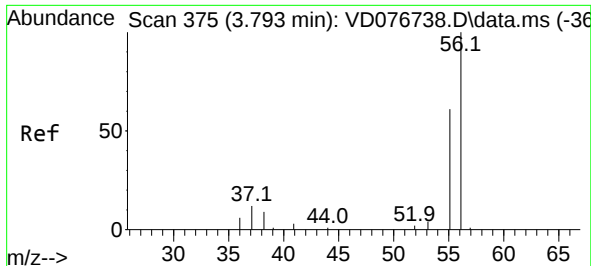
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#12
1,1-Dichloroethene
Concen: 20.785 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

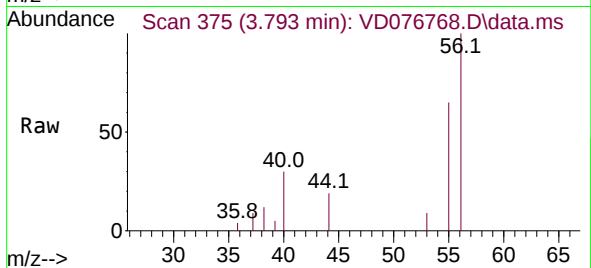
Tgt Ion: 96 Resp: 38522
Ion Ratio Lower Upper
96 100
61 144.4 100.6 150.8
98 64.0 50.2 75.2





#13
Acrolein
Concen: 99.979 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

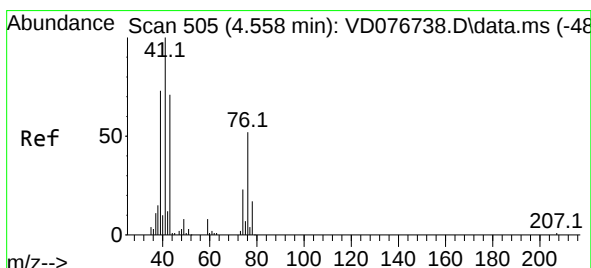
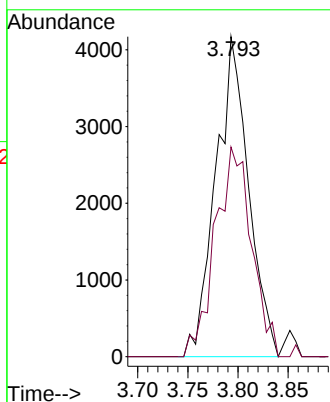
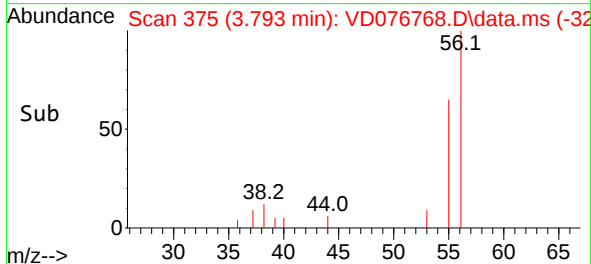
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



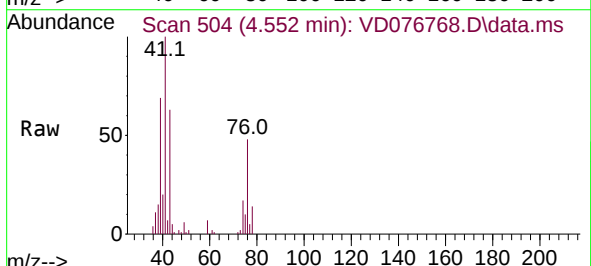
Tgt Ion: 56 Resp: 9498
Ion Ratio Lower Upper
56 100
55 72.6 55.1 82.7

Manual Integrations
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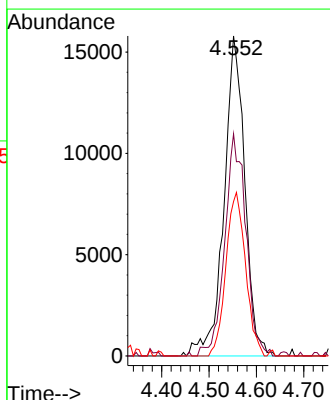
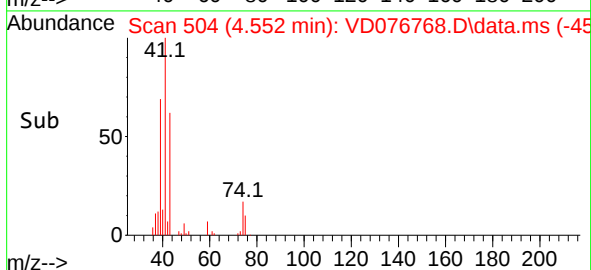
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

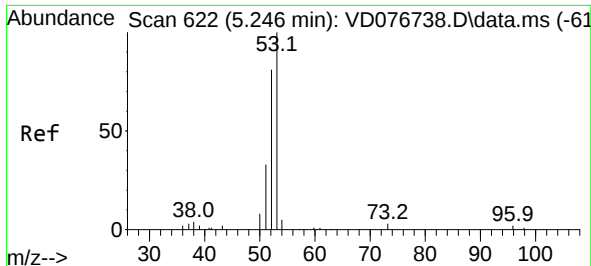


#14
Allyl chloride
Concen: 19.795 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



Tgt Ion: 41 Resp: 48196
Ion Ratio Lower Upper
41 100
39 70.7 53.8 80.6
76 48.3 45.8 68.8





#15

Acrylonitrile

Concen: 89.150 ug/l

RT: 5.252 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

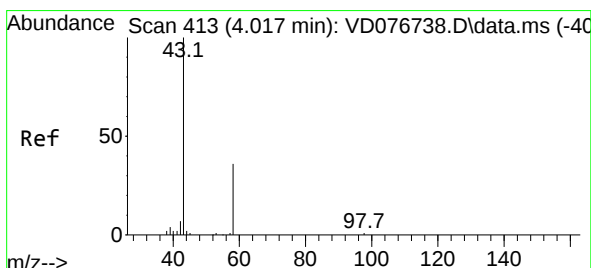
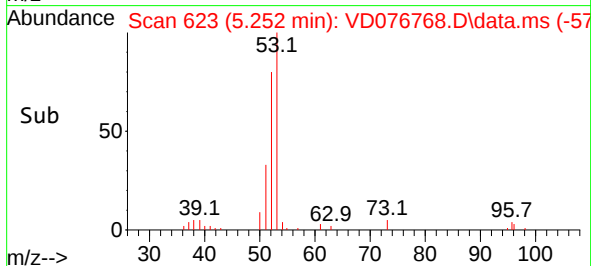
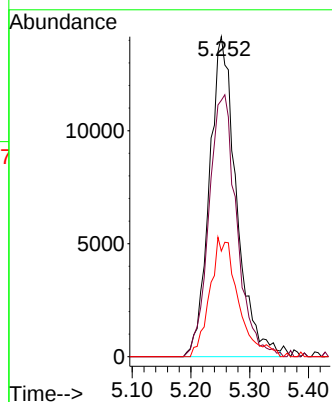
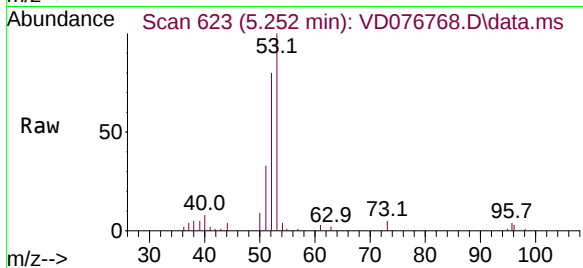
Tgt Ion: 53	Resp: 4524
Ion Ratio	Lower Upper
53 100	
52 84.2	65.0 97.4
51 38.8	28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#16

Acetone

Concen: 92.447 ug/l

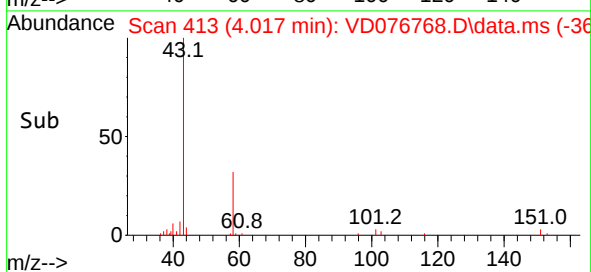
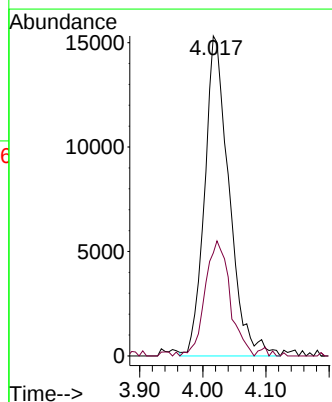
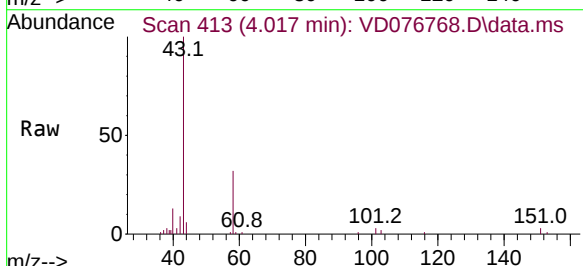
RT: 4.017 min Scan# 413

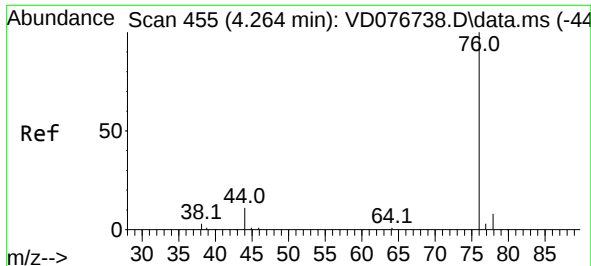
Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

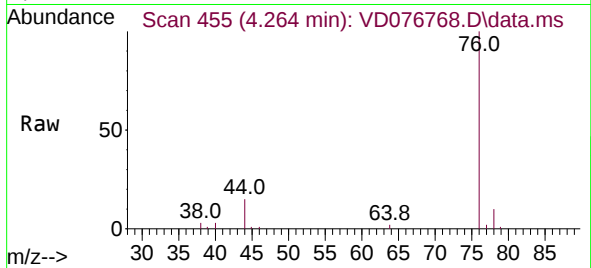
Tgt Ion: 43	Resp: 41246
Ion Ratio	Lower Upper
43 100	
58 32.2	34.7 52.1#





#17
Carbon Disulfide
Concen: 19.574 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

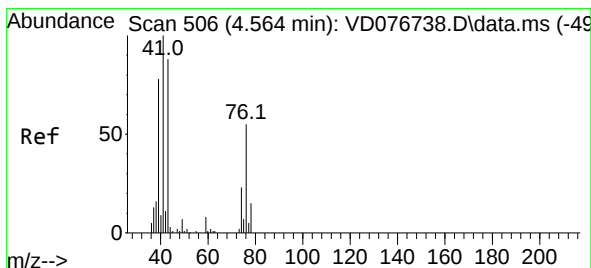
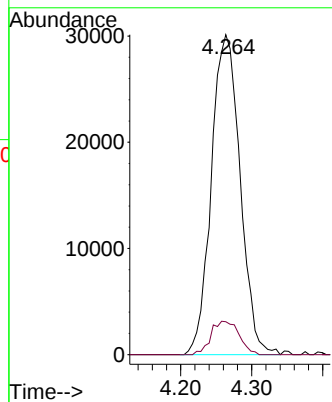
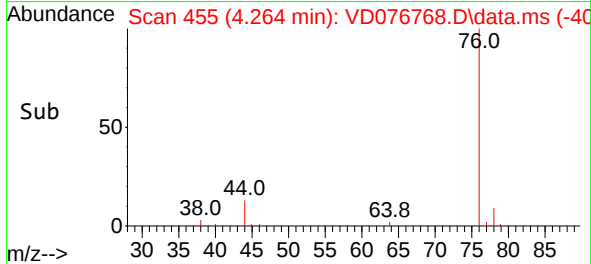
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion: 76 Resp: 8473
Ion Ratio Lower Upper
76 100
78 10.3 6.8 10.2

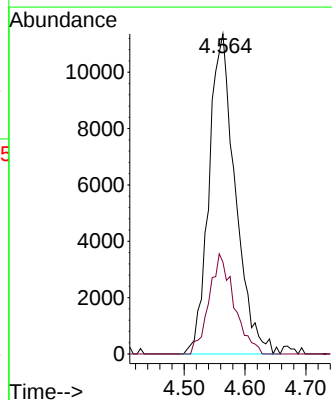
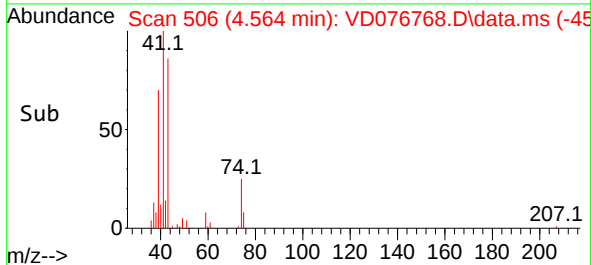
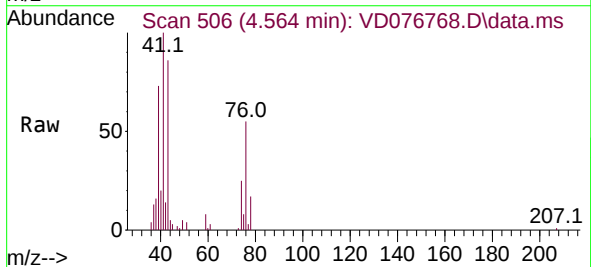
Manual Integrations
APPROVED

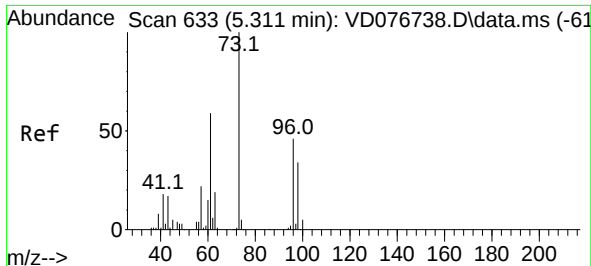
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#18
Methyl Acetate
Concen: 20.372 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 43 Resp: 34149
Ion Ratio Lower Upper
43 100
74 29.8 26.4 39.6





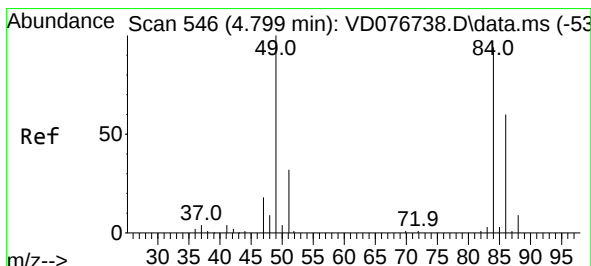
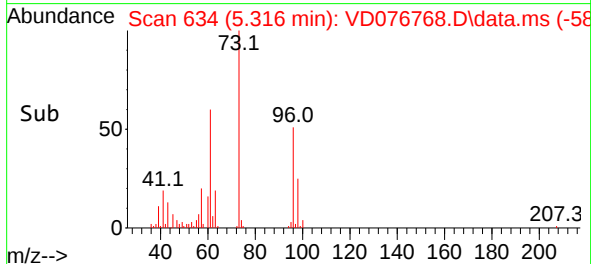
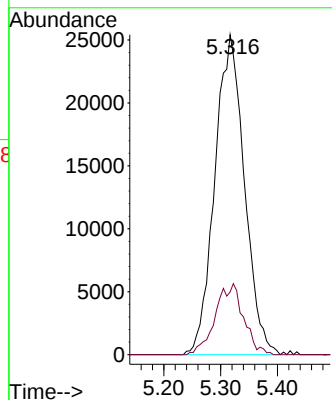
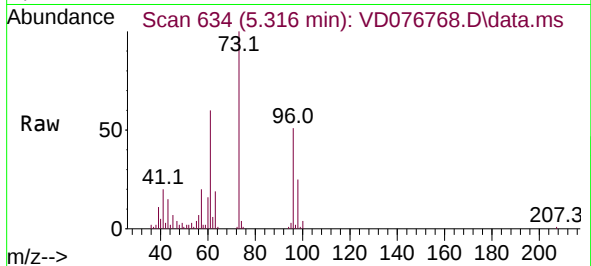
#19
Methyl tert-butyl Ether
Concen: 18.525 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion: 73 Resp: 92074
Ion Ratio Lower Upper
73 100
57 19.6 16.6 25.0

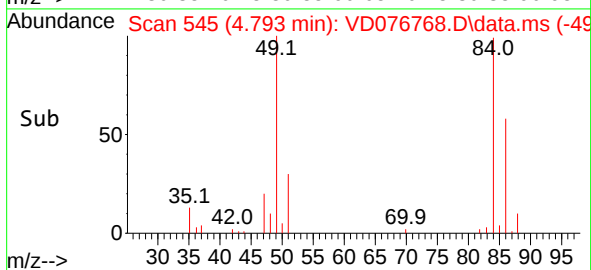
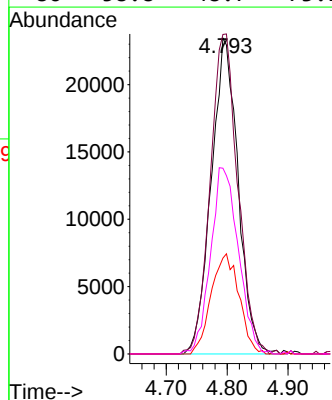
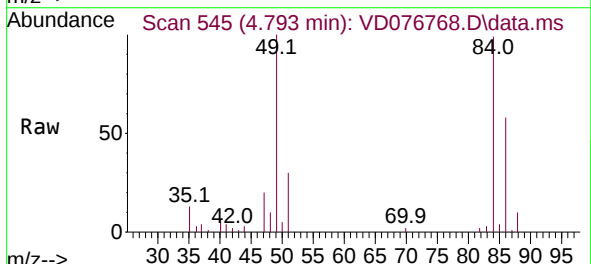
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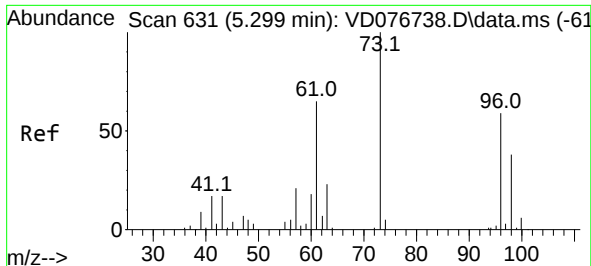
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#20
Methylene Chloride
Concen: 21.077 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

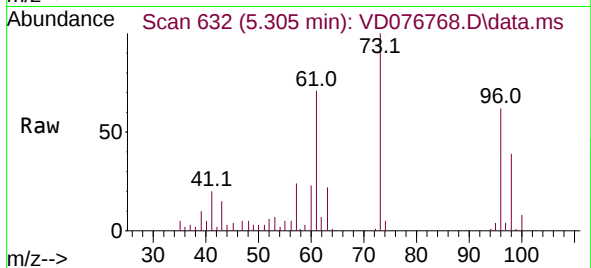
Tgt Ion: 84 Resp: 71823
Ion Ratio Lower Upper
84 100
49 101.1 71.4 107.2
51 30.3 24.5 36.7
86 58.8 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 19.753 ug/l
RT: 5.305 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

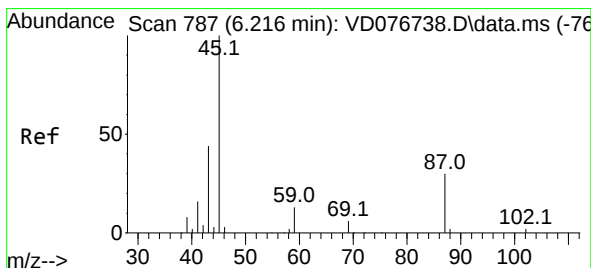
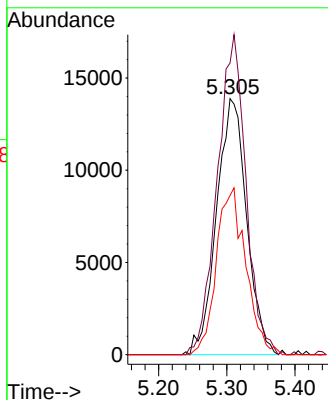
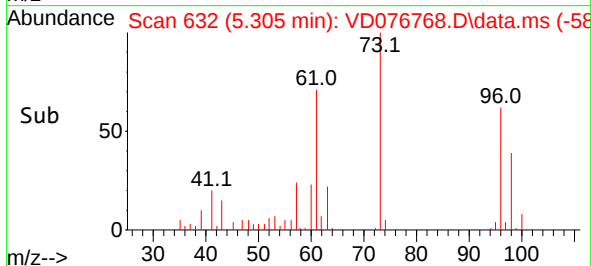
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion: 96 Resp: 4255
Ion Ratio Lower Upper
96 100
61 114.0 89.3 133.9
98 62.2 48.6 73.0

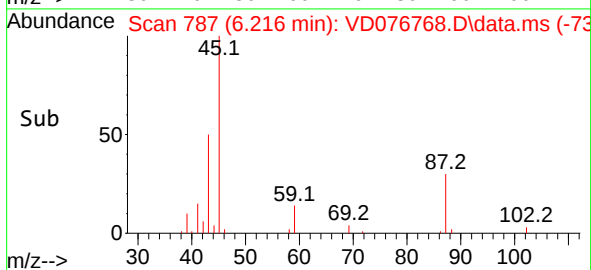
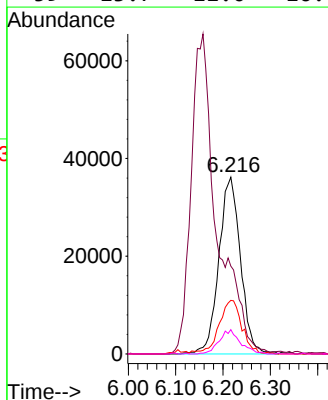
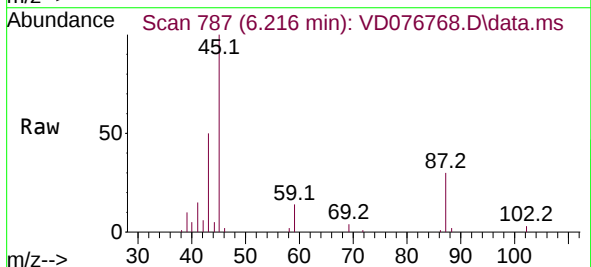
Manual Integrations
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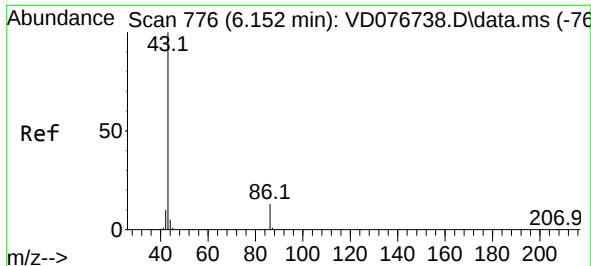
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#22
Diisopropyl ether
Concen: 19.926 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

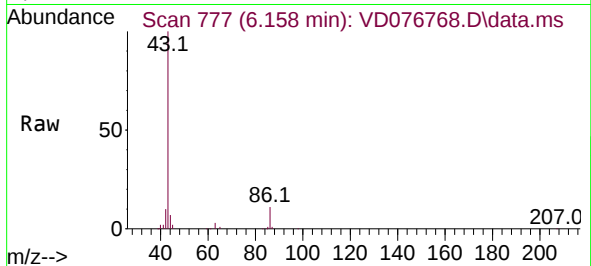
Tgt Ion: 45 Resp: 114879
Ion Ratio Lower Upper
45 100
43 48.3 40.0 60.0
87 30.4 28.2 42.4
59 13.7 11.0 16.4





#23
 Vinyl Acetate
 Concen: 86.743 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

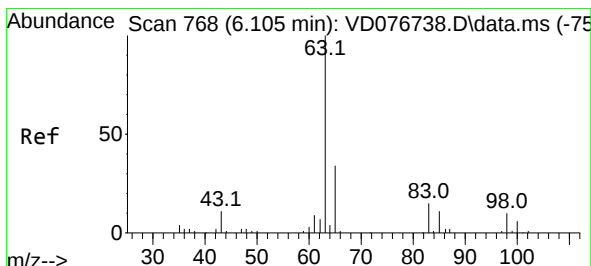
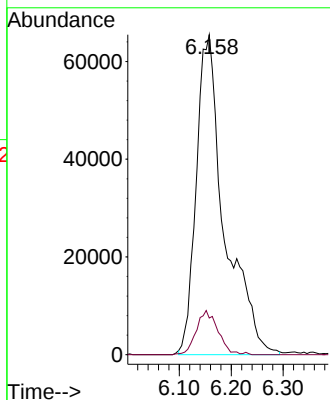
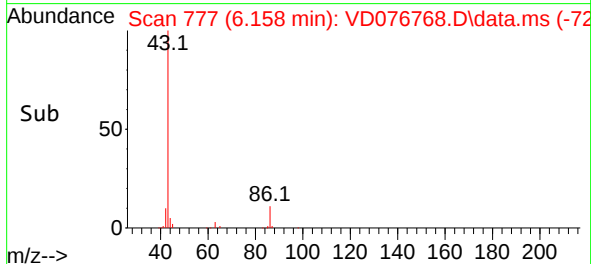
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01



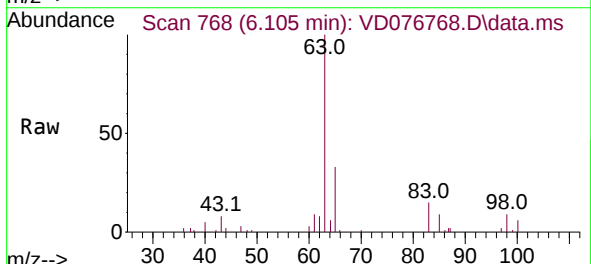
Tgt Ion: 43 Resp: 24744
 Ion Ratio Lower Upper
 43 100
 86 11.4 12.5 18.7

Manual Integrations
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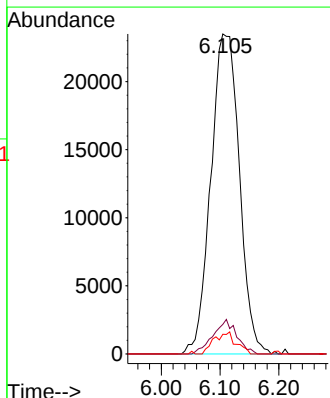
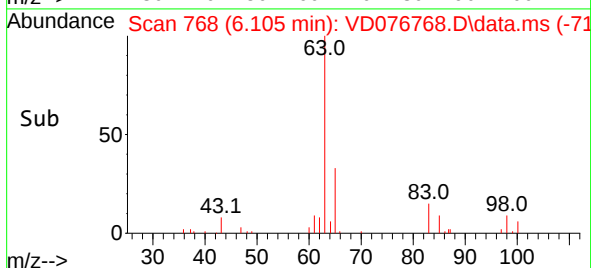
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023

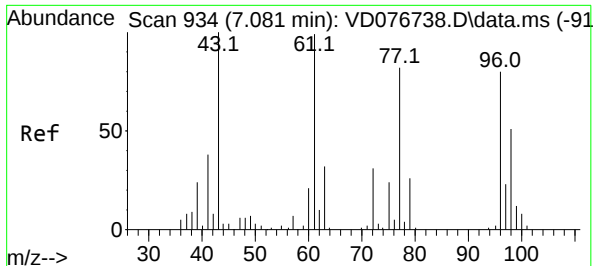


#24
 1,1-Dichloroethane
 Concen: 20.431 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36



Tgt Ion: 63 Resp: 79421
 Ion Ratio Lower Upper
 63 100
 98 9.3 4.5 13.7
 100 6.1 2.5 7.5





#25

2-Butanone

Concen: 98.860 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 43 Resp: 5903

Ion Ratio Lower Upper

43 100

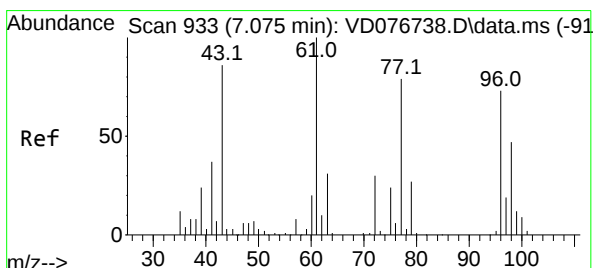
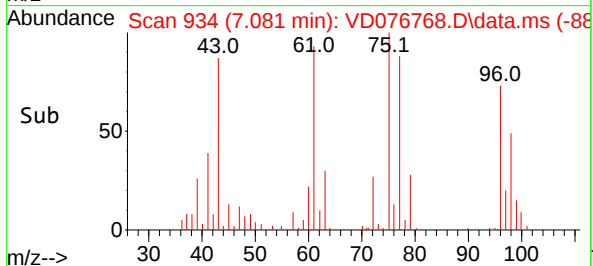
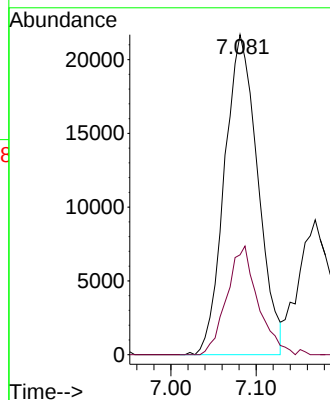
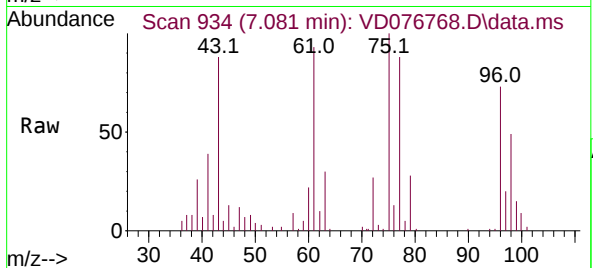
72 31.6 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#26

2,2-Dichloropropane

Concen: 21.076 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076768.D

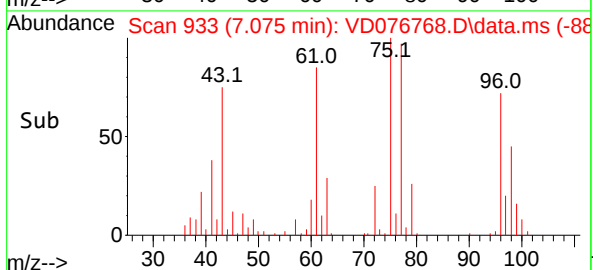
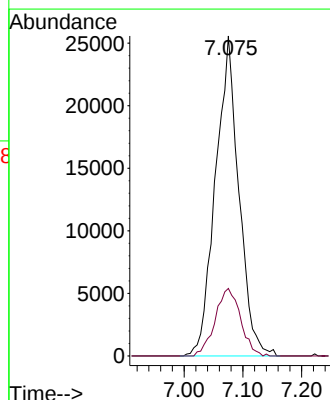
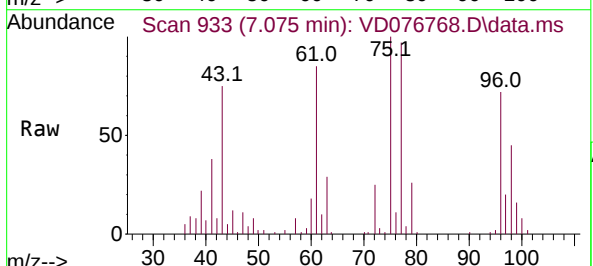
Acq: 18 Jul 2023 10:36

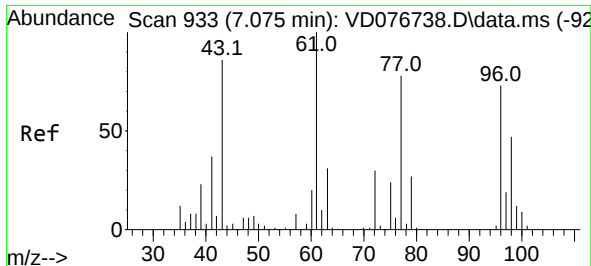
Tgt Ion: 77 Resp: 70624

Ion Ratio Lower Upper

77 100

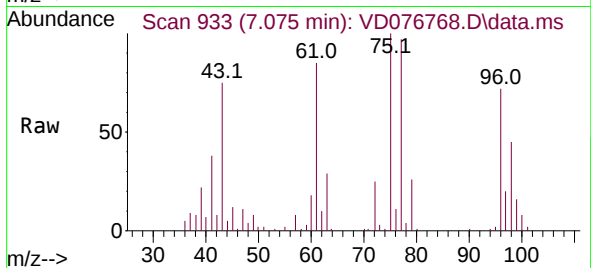
97 22.9 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.685 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

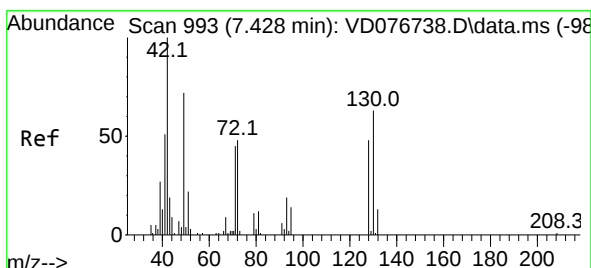
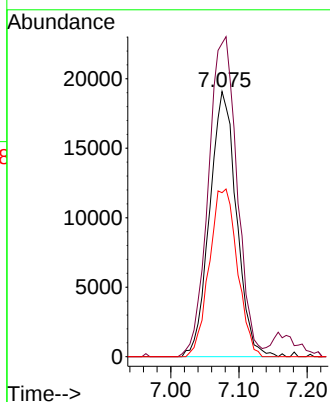
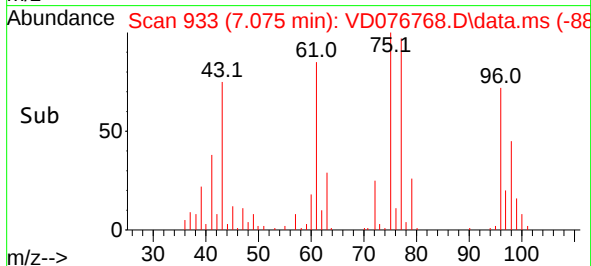
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01



Tgt Ion: 96 Resp: 52279
 Ion Ratio Lower Upper
 96 100
 61 129.2 0.0 239.2
 98 66.1 0.0 128.6

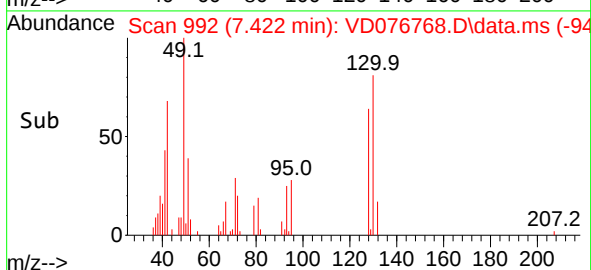
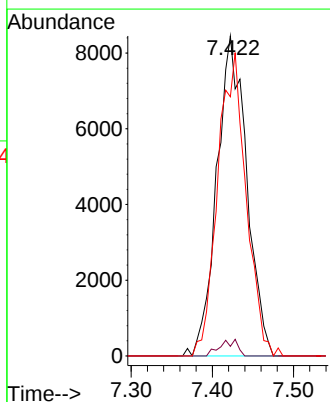
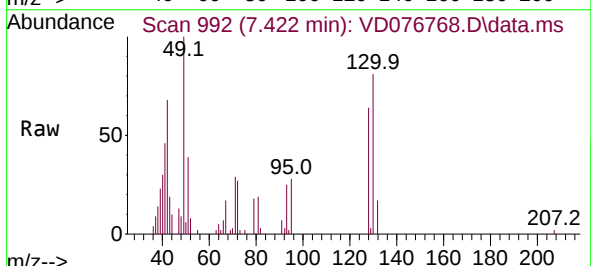
Manual Integrations
 APPROVED

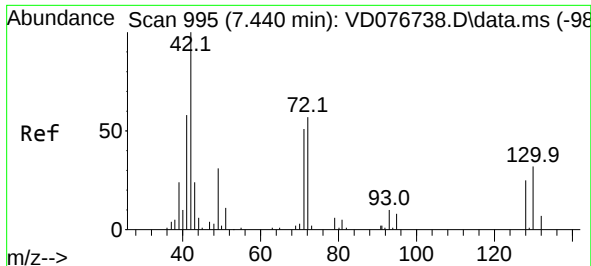
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#28
 Bromochloromethane
 Concen: 22.204 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

Tgt Ion: 49 Resp: 21579
 Ion Ratio Lower Upper
 49 100
 129 3.0 0.0 6.0
 130 90.3 83.2 124.8





#29

Tetrahydrofuran

Concen: 90.990 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

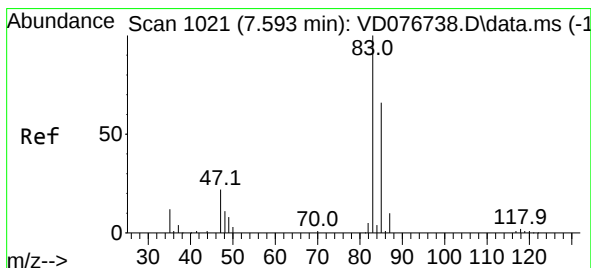
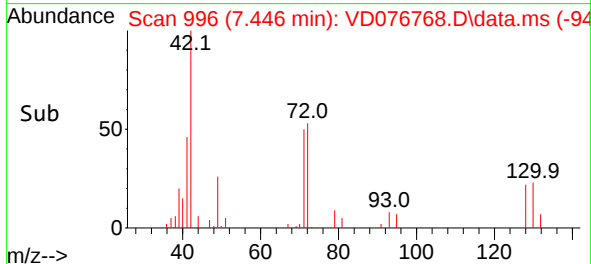
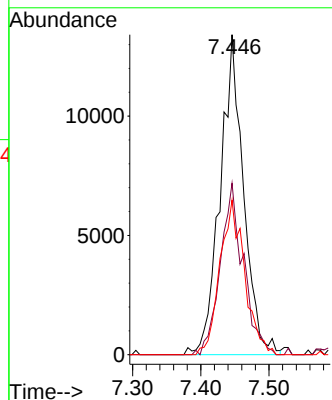
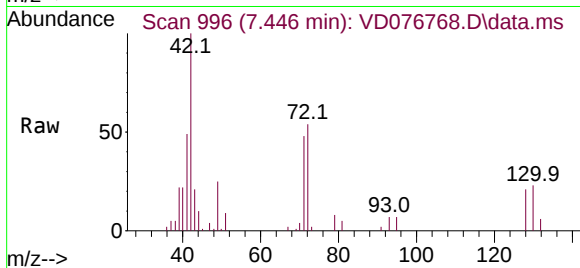
Tgt Ion: 42	Resp: 3210
Ion Ratio	Lower Upper
42	100
72	52.6 46.5 69.7
71	50.9 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#30

Chloroform

Concen: 20.064 ug/l

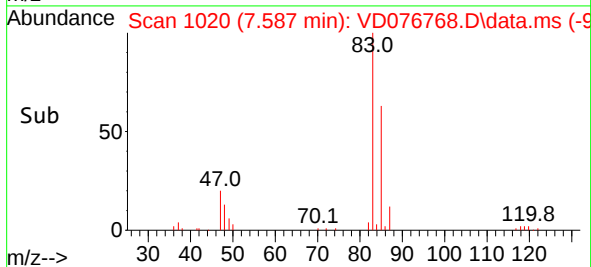
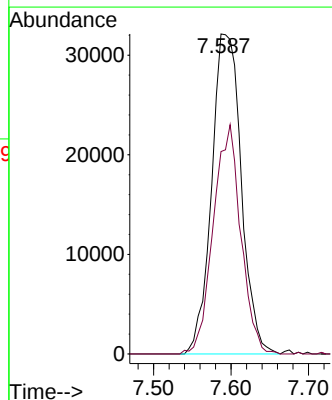
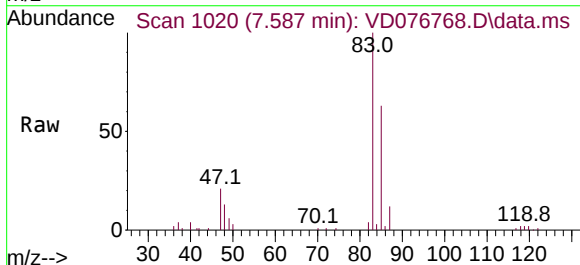
RT: 7.587 min Scan# 1020

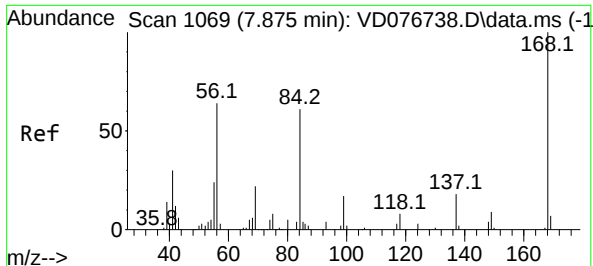
Delta R.T. -0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

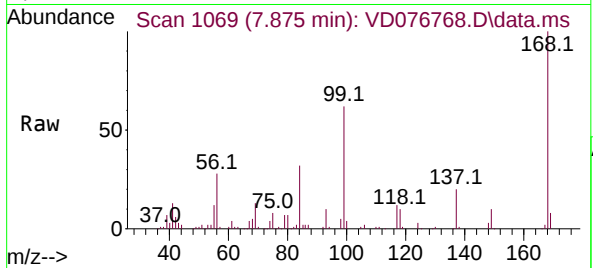
Tgt Ion: 83	Resp: 85425
Ion Ratio	Lower Upper
83	100
85	63.3 53.4 80.2





#31
Cyclohexane
Concen: 20.766 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

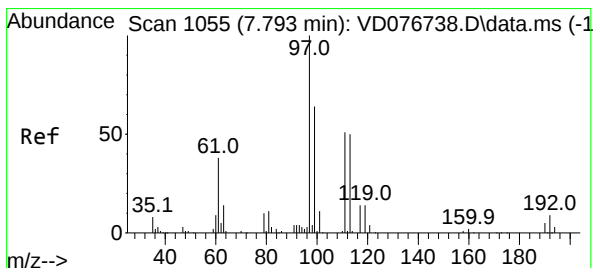
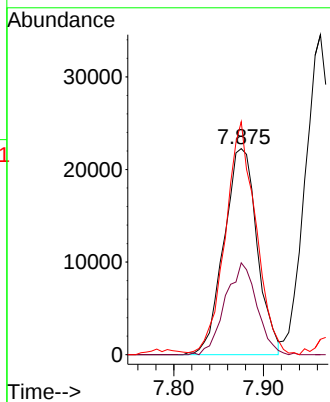
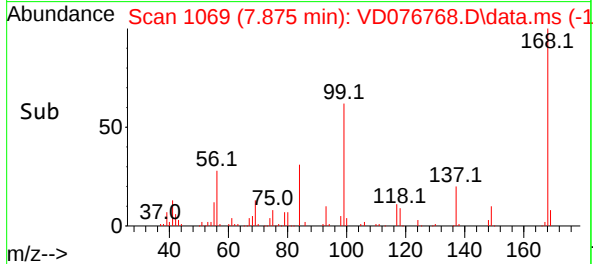
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion: 56 Resp: 57092
Ion Ratio Lower Upper
56 100
69 44.5 28.6 43.0
84 111.4 84.8 127.2

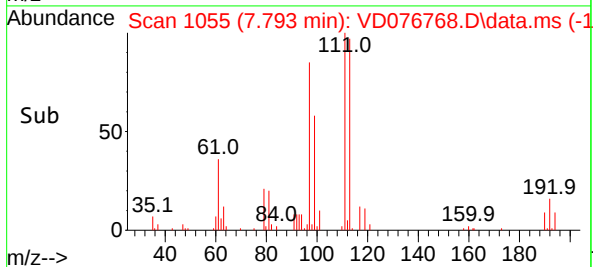
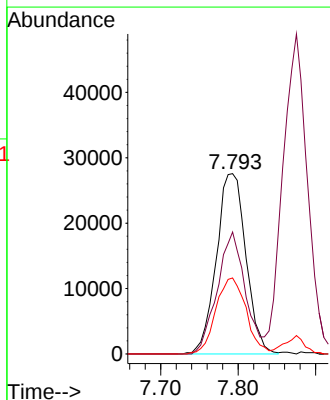
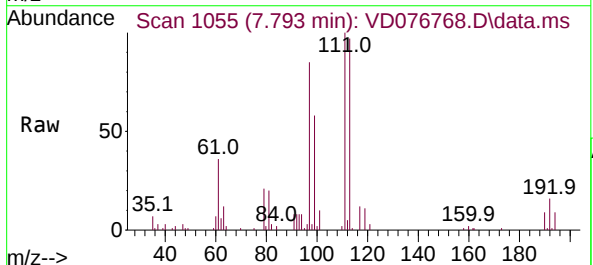
Manual Integrations
APPROVED

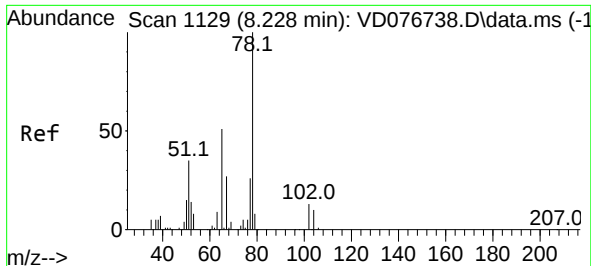
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#32
1,1,1-Trichloroethane
Concen: 21.268 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 97 Resp: 73059
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 43.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.355 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 65 Resp: 8473

Ion Ratio Lower Upper

65 100

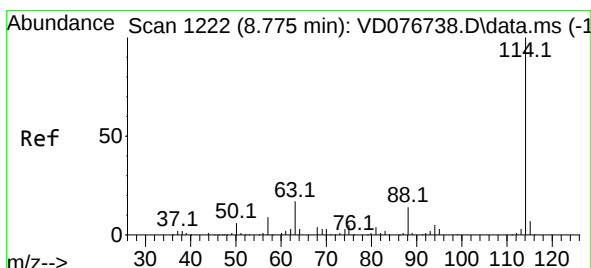
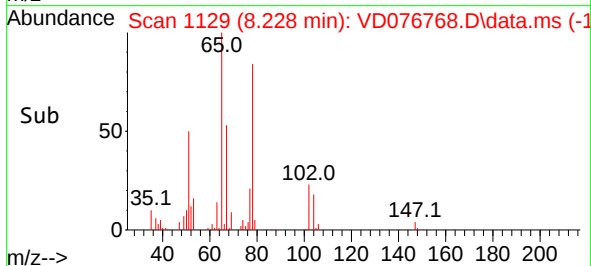
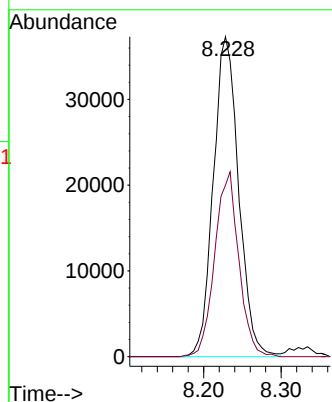
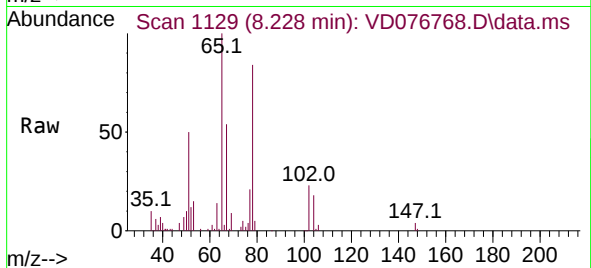
67 54.9 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

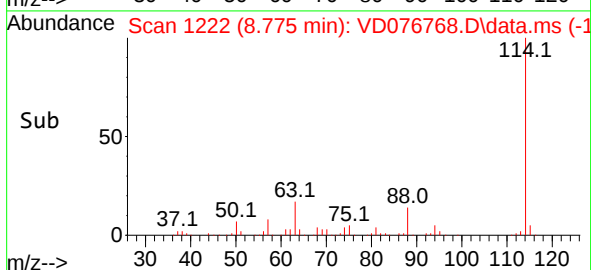
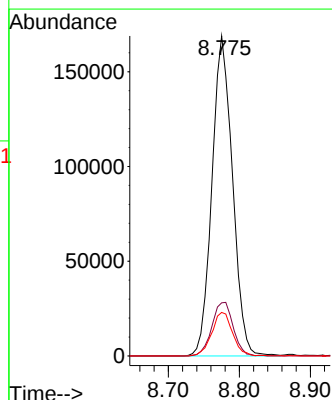
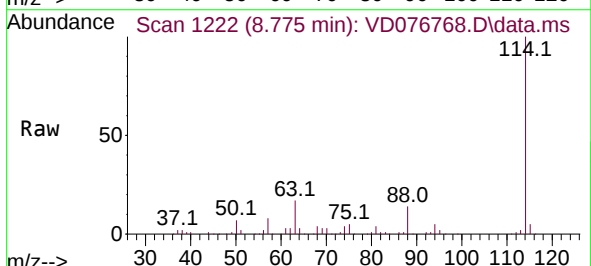
Tgt Ion:114 Resp: 339123

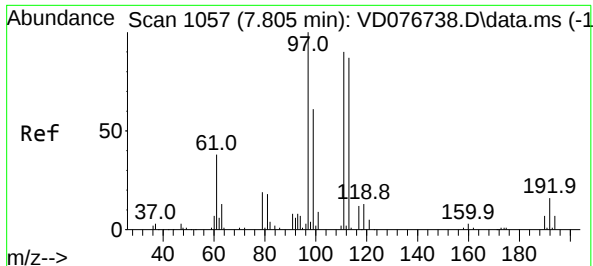
Ion Ratio Lower Upper

114 100

63 16.6 0.0 33.4

88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 46.825 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 113 Resp: 9978

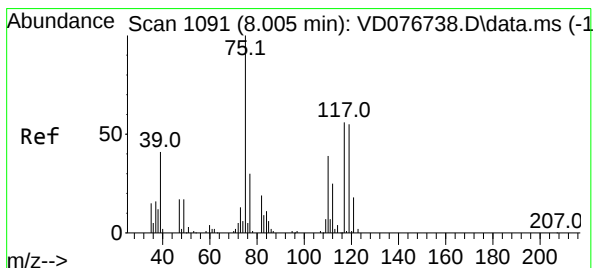
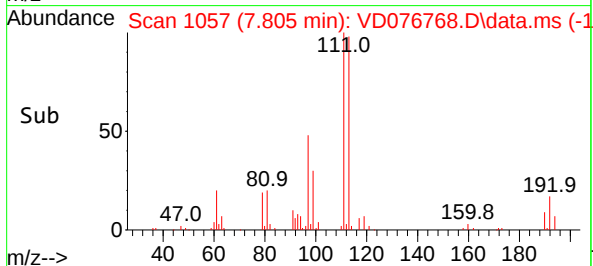
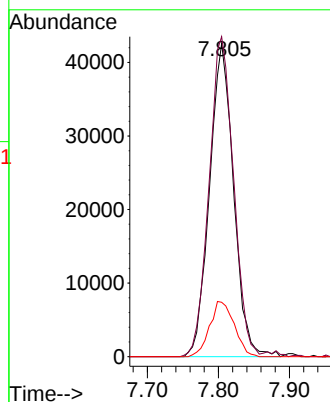
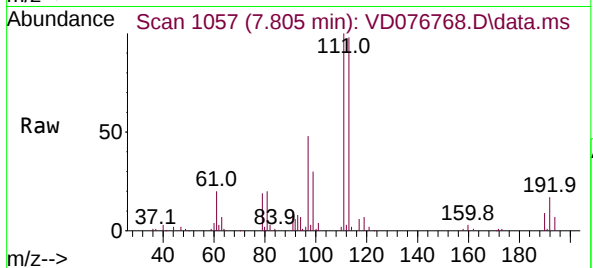
Ion	Ratio	Lower	Upper
113	100		
111	104.3	84.7	127.1
192	18.1	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#36

1,1-Dichloropropene

Concen: 21.581 ug/l

RT: 8.005 min Scan# 1091

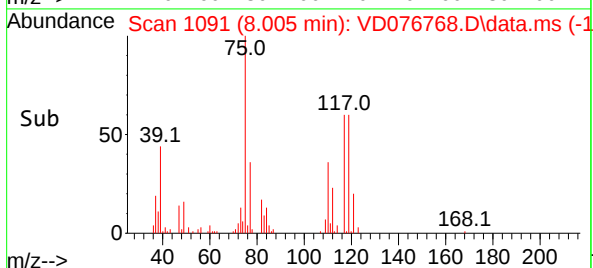
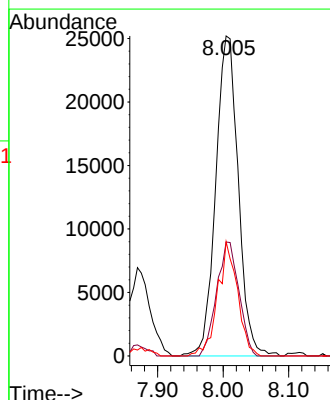
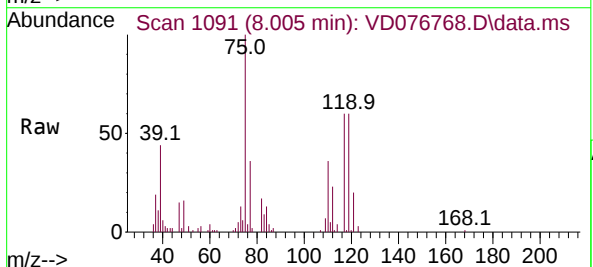
Delta R.T. -0.000 min

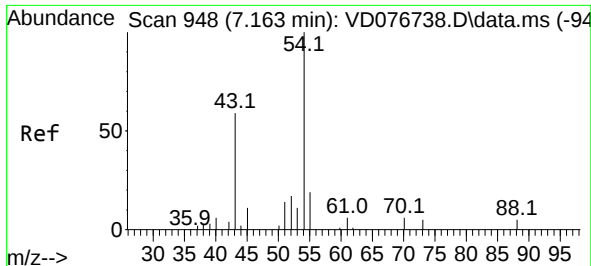
Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Tgt Ion: 75 Resp: 60097

Ion	Ratio	Lower	Upper
75	100		
110	35.1	19.9	59.6
77	31.7	24.7	37.1





#37

Ethyl Acetate

Concen: 19.214 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 43 Resp: 23928

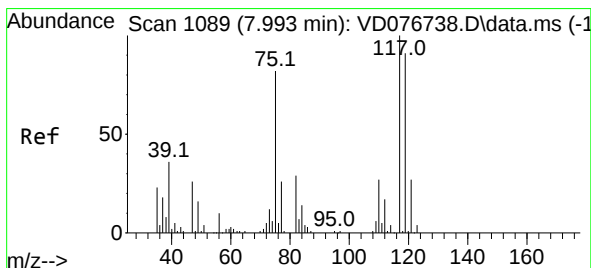
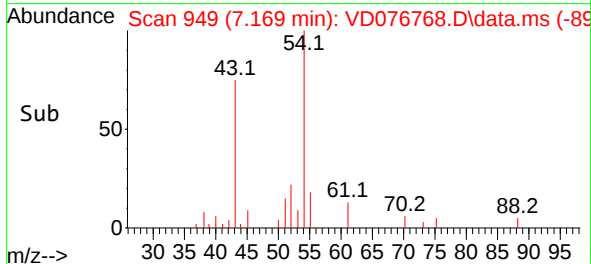
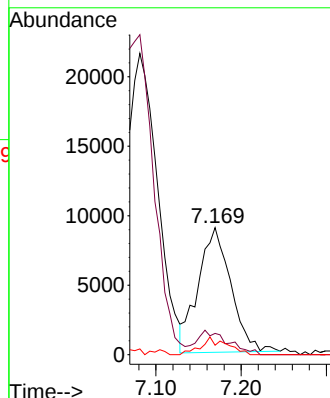
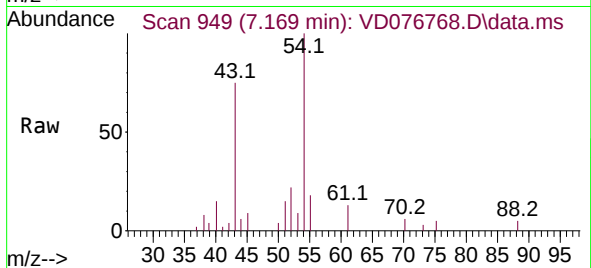
Ion	Ratio	Lower	Upper
43	100		
61	18.9	14.9	22.3
70	11.2	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#38

Carbon Tetrachloride

Concen: 21.948 ug/l

RT: 7.993 min Scan# 1089

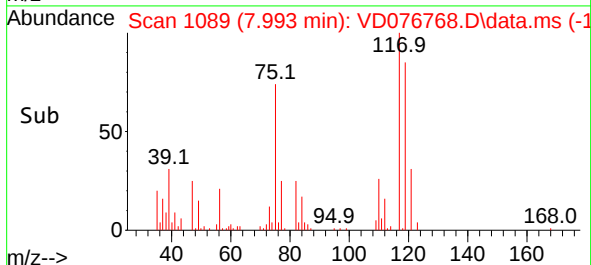
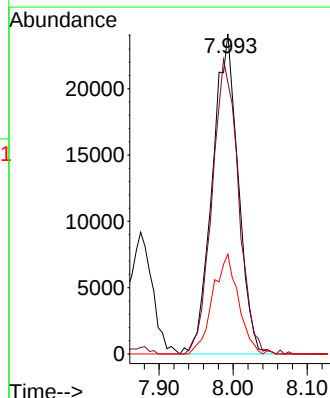
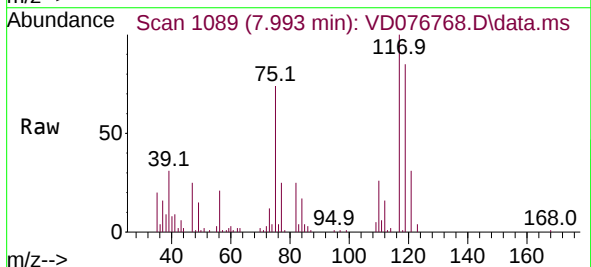
Delta R.T. -0.000 min

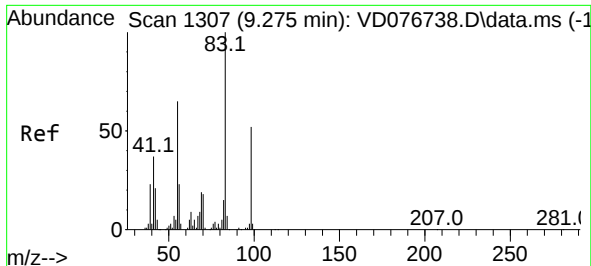
Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Tgt Ion:117 Resp: 58522

Ion	Ratio	Lower	Upper
117	100		
119	84.9	78.0	117.0
121	31.1	24.2	36.2





#39

Methylcyclohexane

Concen: 21.978 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076768.D

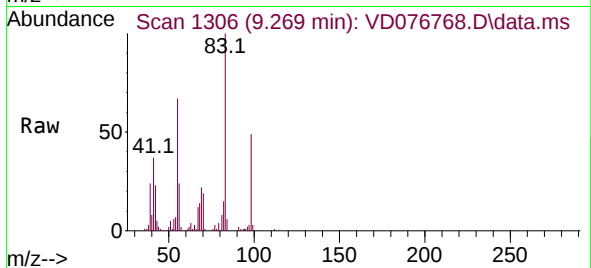
Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01



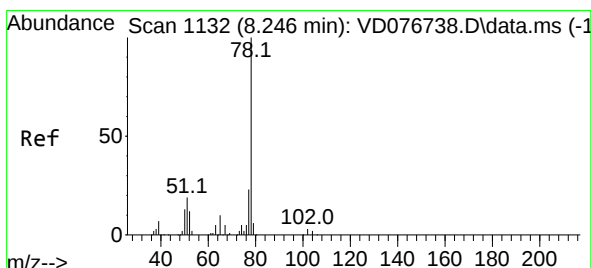
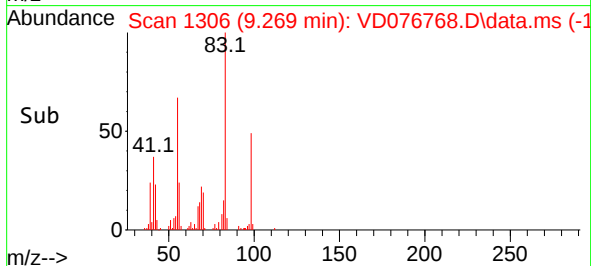
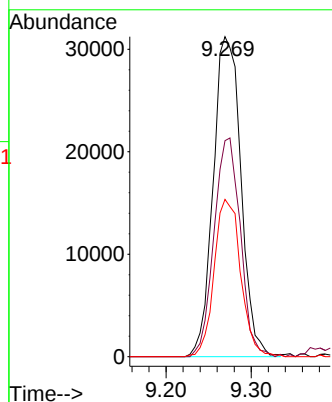
Tgt Ion:	83	Resp:	7066
Ion	Ratio	Lower	Upper
83	100		
55	67.5	49.4	74.0
98	49.2	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#40

Benzene

Concen: 20.288 ug/l

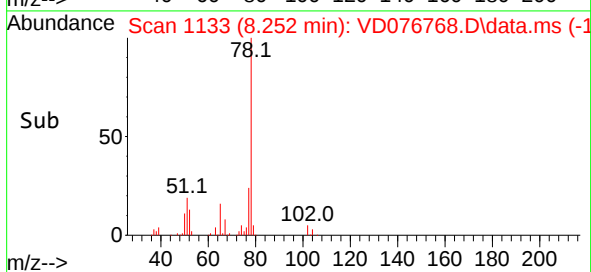
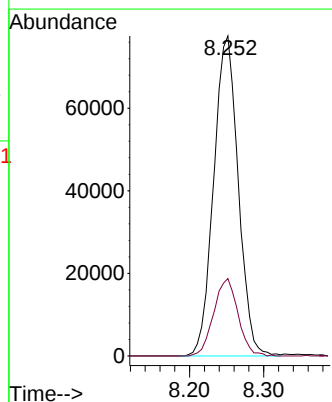
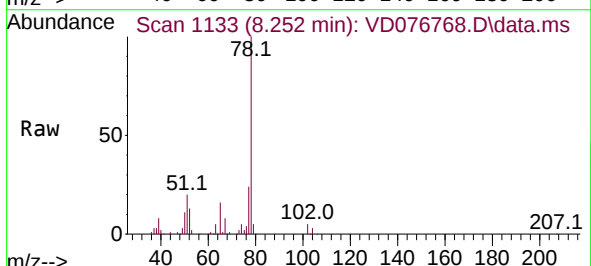
RT: 8.252 min Scan# 1133

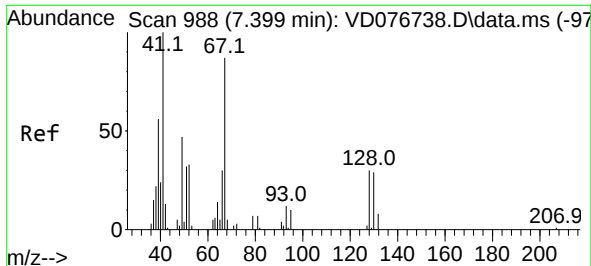
Delta R.T. 0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

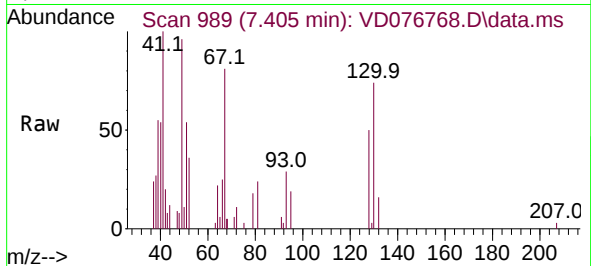
Tgt Ion:	78	Resp:	178260
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





#41
Methacrylonitrile
Concen: 18.808 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

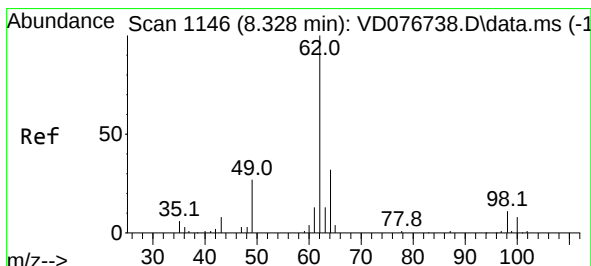
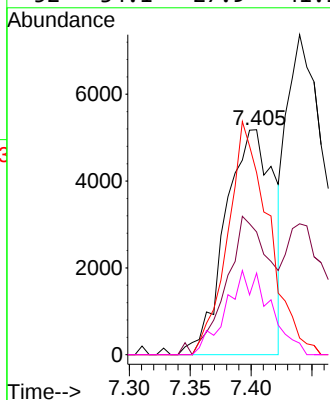
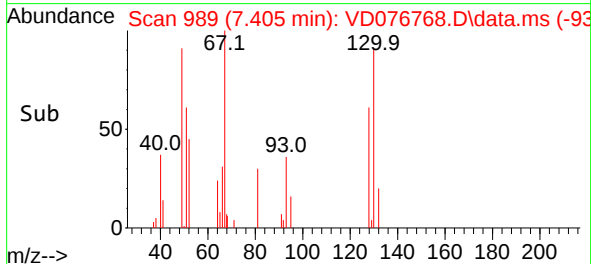
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion: 41 Resp: 1430
Ion Ratio Lower Upper
41 100
39 55.6 34.0 51.0
67 88.2 77.0 115.4
52 34.1 27.9 41.9

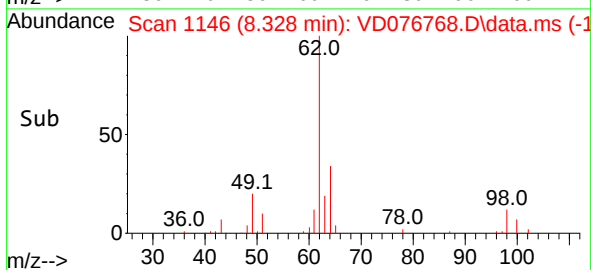
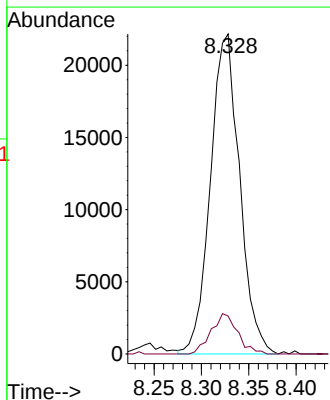
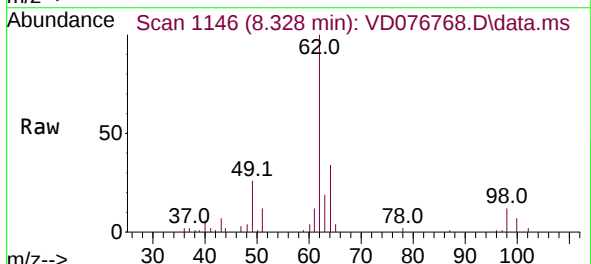
Manual Integrations
APPROVED

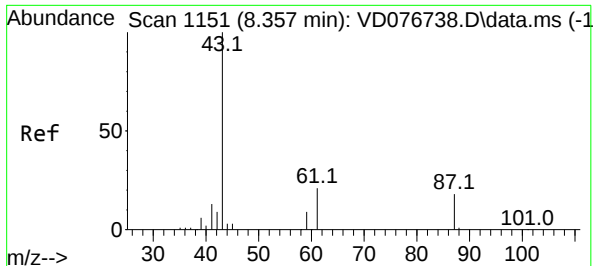
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#42
1,2-Dichloroethane
Concen: 20.823 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 62 Resp: 47539
Ion Ratio Lower Upper
62 100
98 11.5 0.0 25.4





#43

Isopropyl Acetate

Concen: 18.218 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 43 Resp: 44279

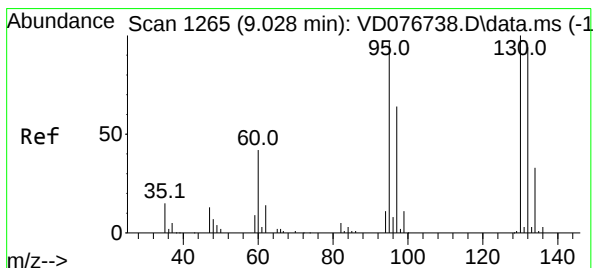
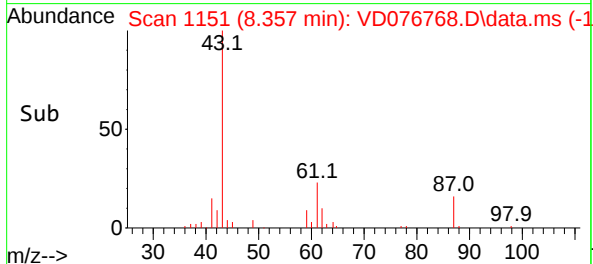
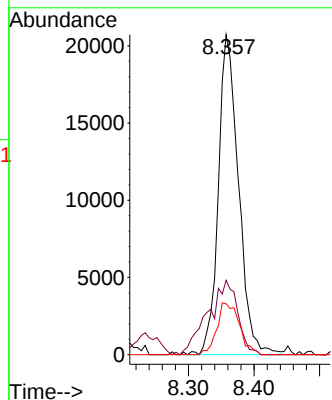
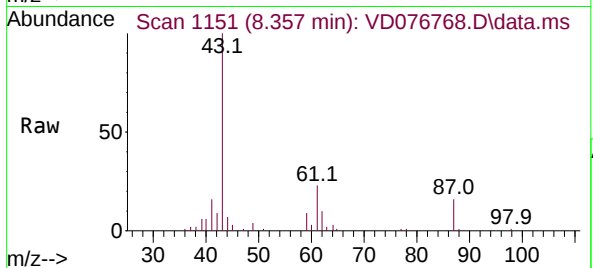
Ion	Ratio	Lower	Upper
43	100		
61	34.3	31.4	47.0
87	18.0	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#44

Trichloroethene

Concen: 19.988 ug/l

RT: 9.034 min Scan# 1266

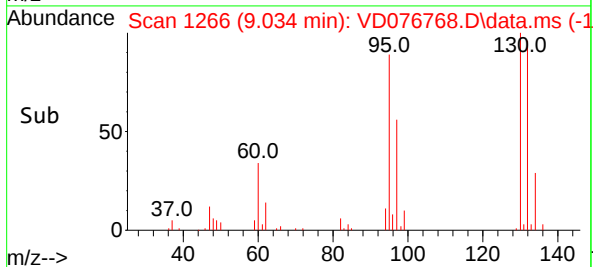
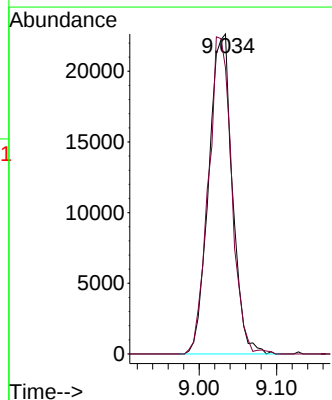
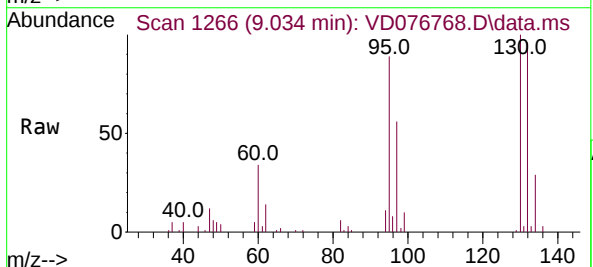
Delta R.T. 0.006 min

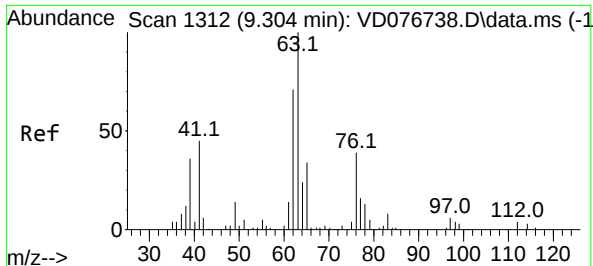
Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Tgt Ion:130 Resp: 47858

Ion	Ratio	Lower	Upper
130	100		
95	89.4	0.0	179.2





#45

1,2-Dichloropropane

Concen: 20.644 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 63 Resp: 4682

Ion Ratio Lower Upper

63 100

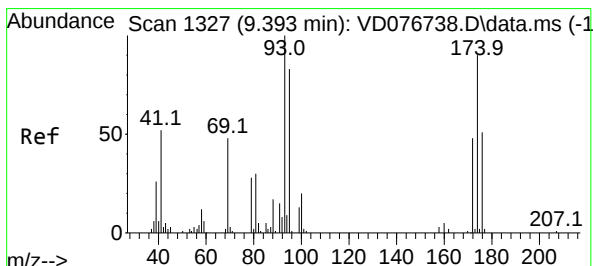
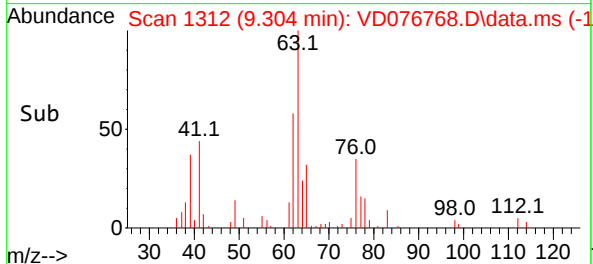
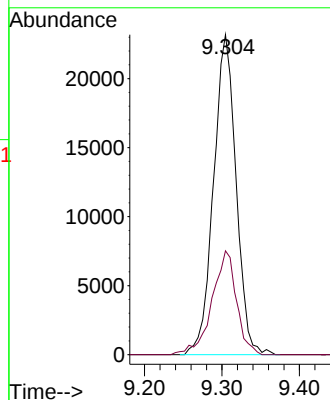
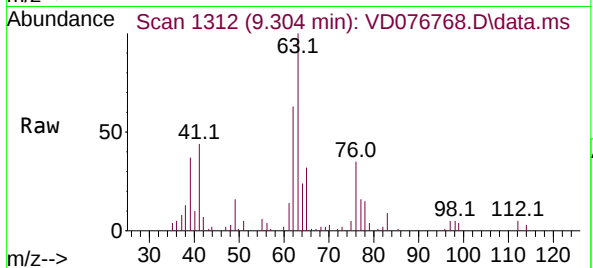
65 32.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#46

Dibromomethane

Concen: 20.683 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

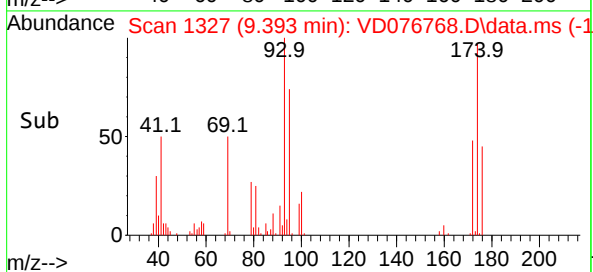
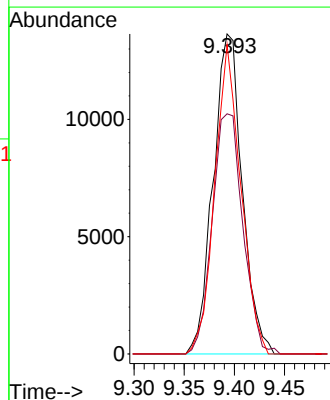
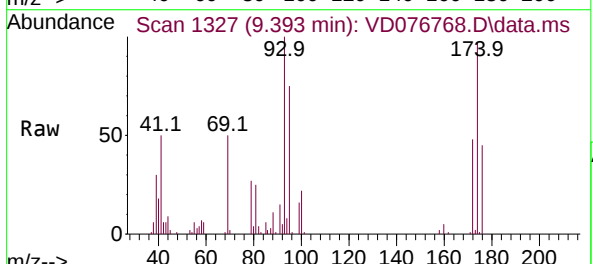
Tgt Ion: 93 Resp: 27459

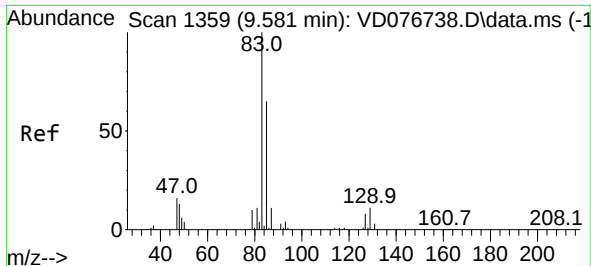
Ion Ratio Lower Upper

93 100

95 79.1 67.7 101.5

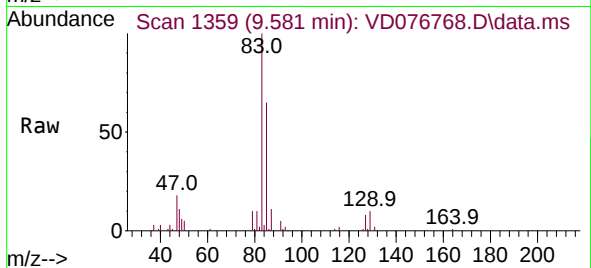
174 87.2 85.4 128.2





#47
Bromodichloromethane
Concen: 20.281 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

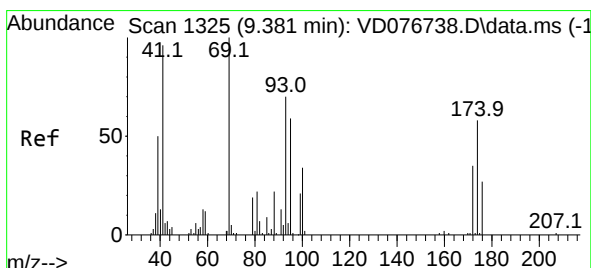
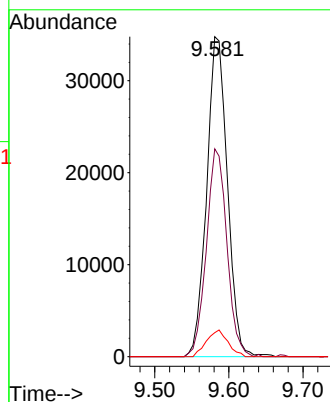
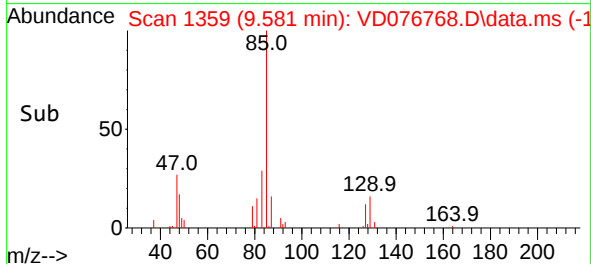
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



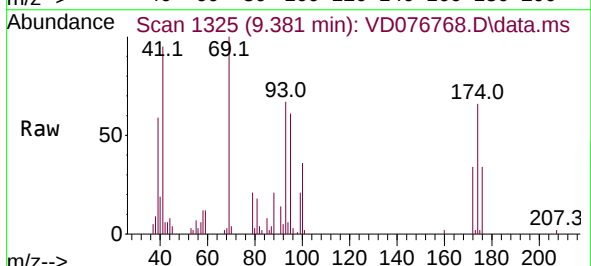
Tgt Ion: 83 Resp: 67568
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.4
127 7.5 6.3 9.5

Manual Integrations
APPROVED

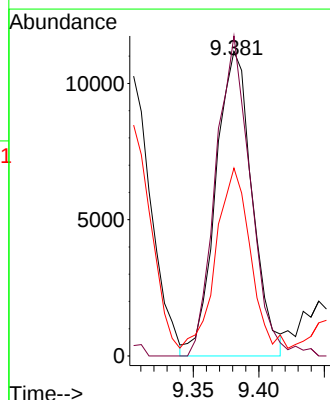
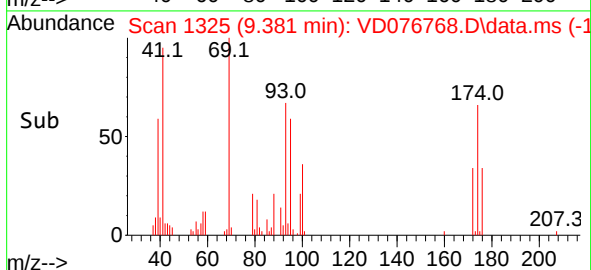
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

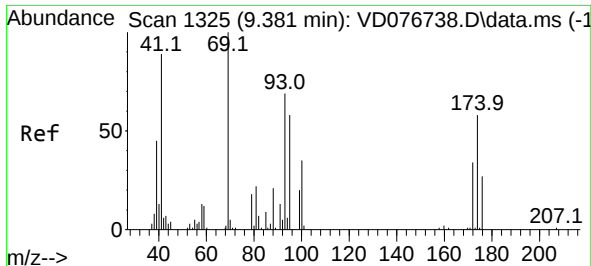


#48
Methyl methacrylate
Concen: 19.557 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



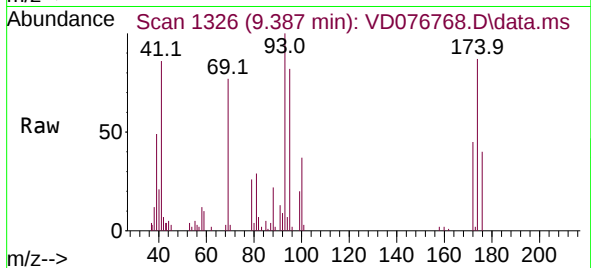
Tgt Ion: 41 Resp: 21634
Ion Ratio Lower Upper
41 100
69 100.6 102.2 153.2#
39 57.2 41.4 62.2





#49
1,4-Dioxane
Concen: 309.179 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

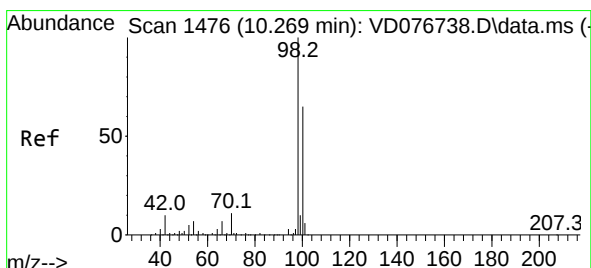
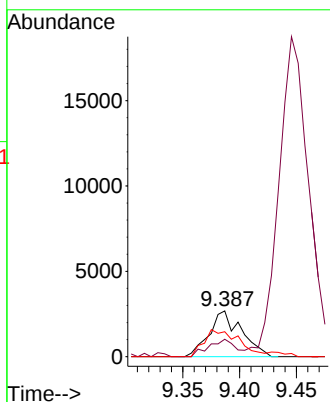
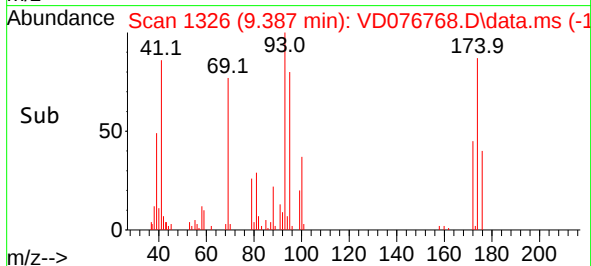
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



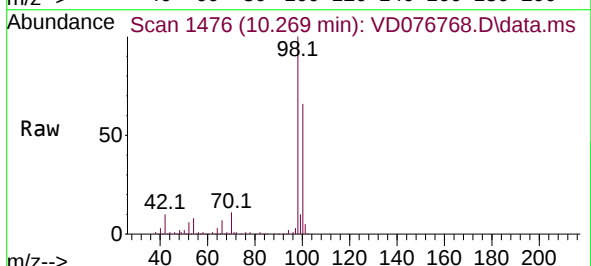
Tgt Ion: 88 Resp: 525
Ion Ratio Lower Upper
88 100
43 32.5 19.0 28.6
58 64.1 43.5 65.3

Manual Integrations
APPROVED

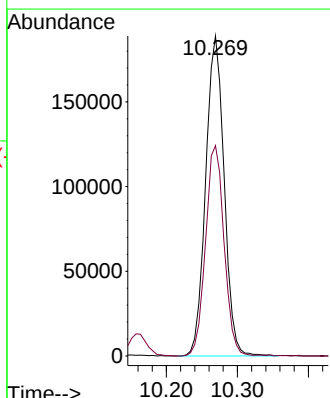
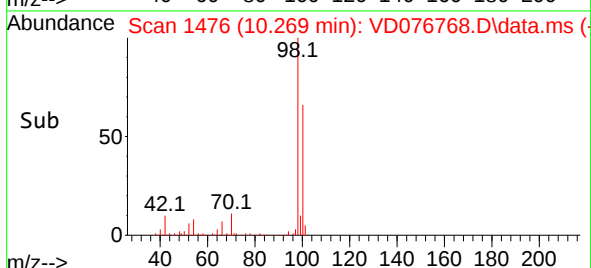
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

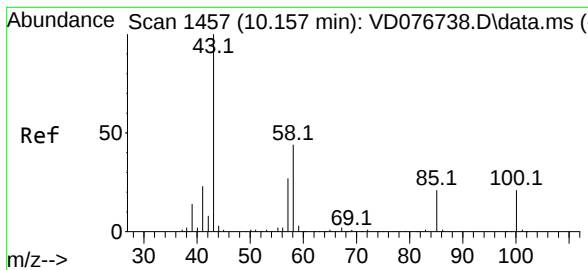


#50
Toluene-d8
Concen: 44.793 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



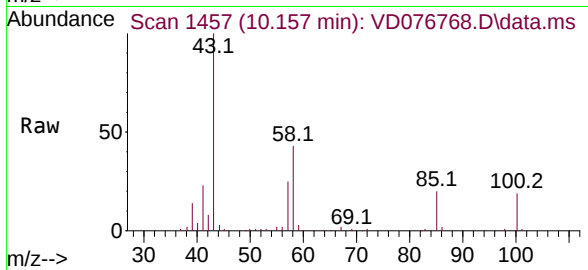
Tgt Ion: 98 Resp: 341489
Ion Ratio Lower Upper
98 100
100 66.1 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 94.180 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

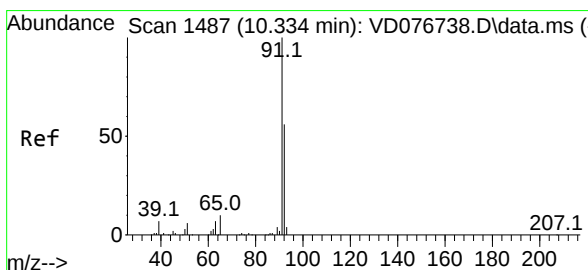
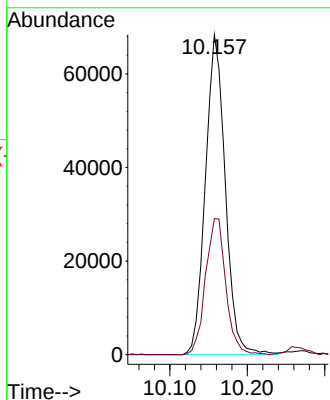
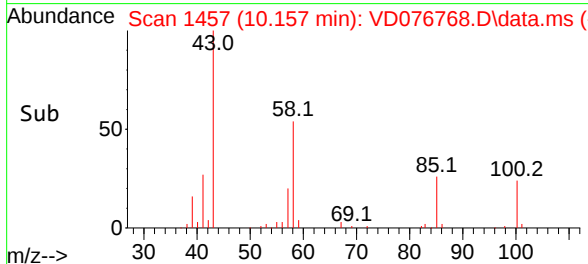
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



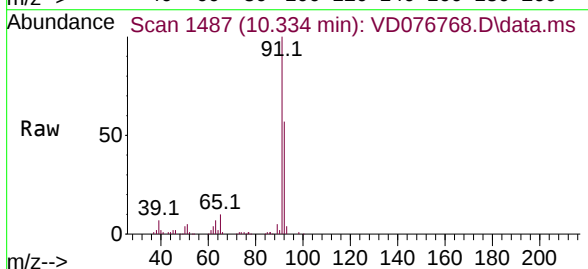
Tgt Ion: 43 Resp: 12187
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3

Manual Integrations
APPROVED

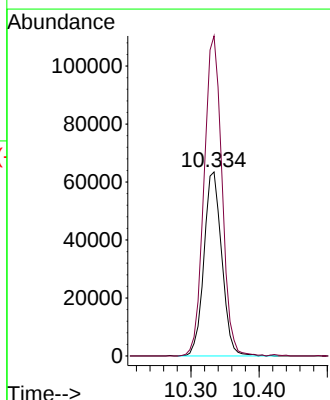
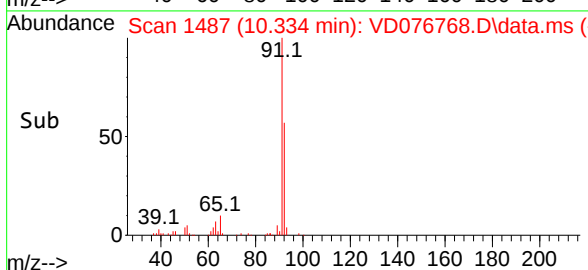
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#52
Toluene
Concen: 19.962 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



Tgt Ion: 92 Resp: 115198
Ion Ratio Lower Upper
92 100
91 175.2 143.0 214.4





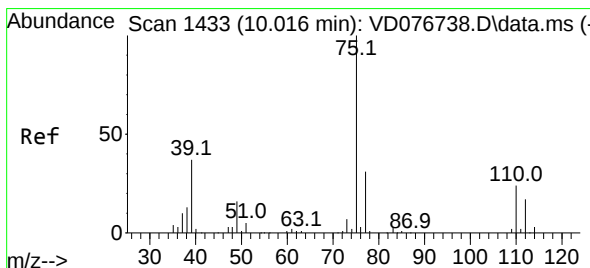
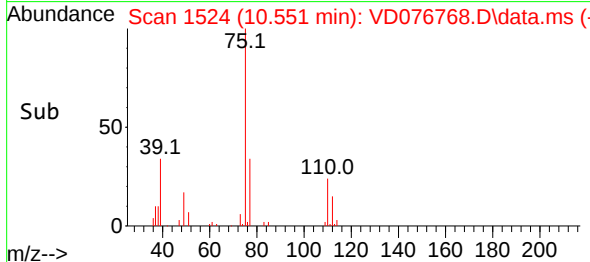
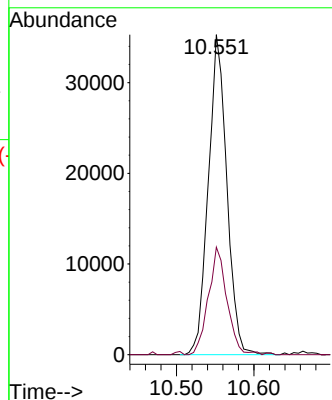
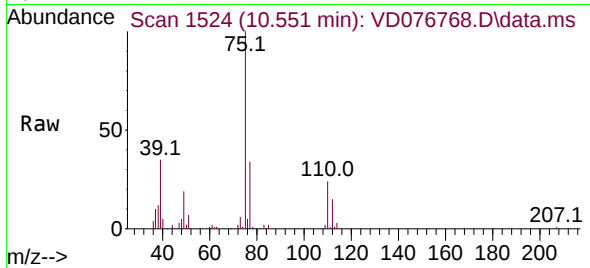
#53
t-1,3-Dichloropropene
Concen: 18.994 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion: 75 Resp: 58735
Ion Ratio Lower Upper
75 100
77 33.6 25.3 37.9

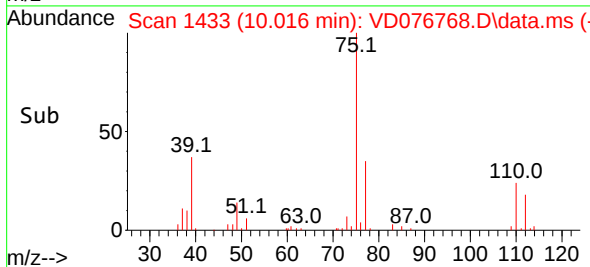
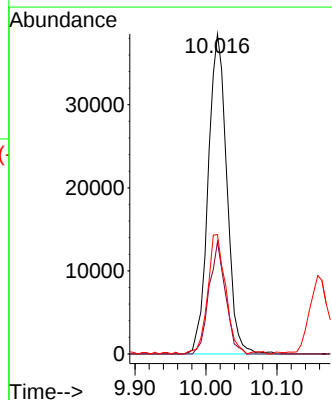
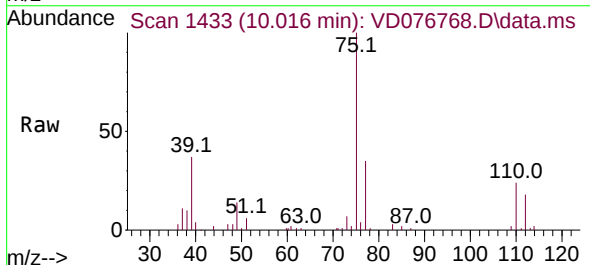
Manual Integrations
APPROVED

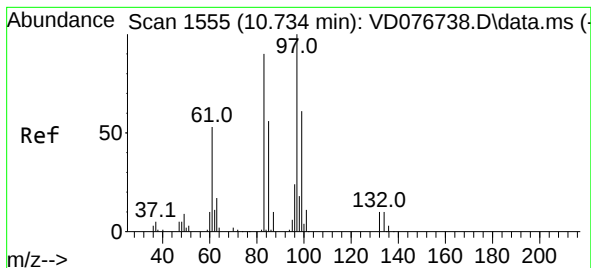
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#54
cis-1,3-Dichloropropene
Concen: 19.286 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

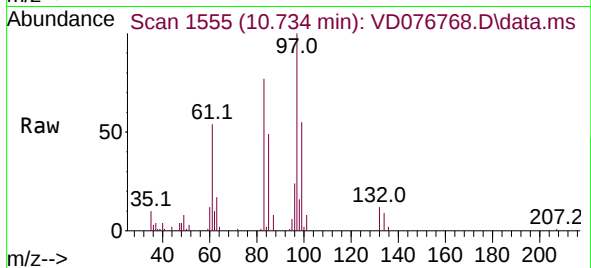
Tgt Ion: 75 Resp: 70289
Ion Ratio Lower Upper
75 100
77 35.1 25.5 38.3
39 37.3 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 20.174 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

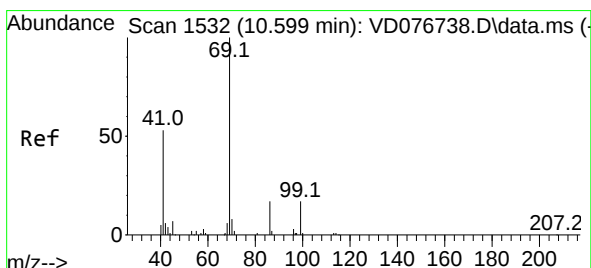
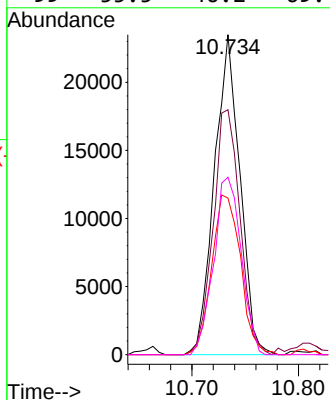
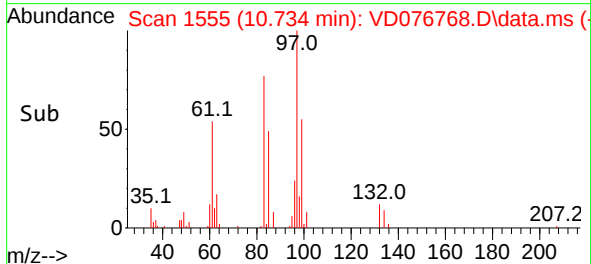
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



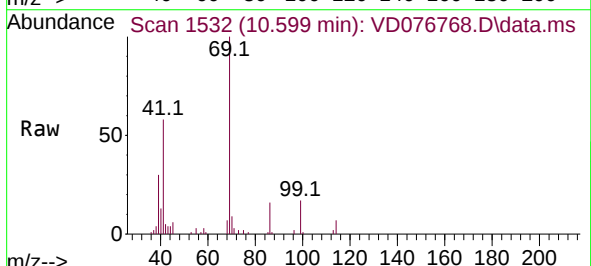
Tgt Ion:	97	Resp:	3911
Ion	Ratio	Lower	Upper
97	100		
83	76.6	65.8	98.6
85	49.0	45.7	68.5
99	55.5	46.2	69.4

Manual Integrations
APPROVED

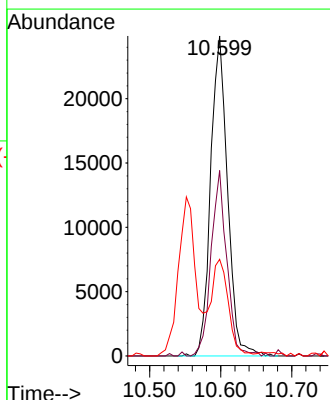
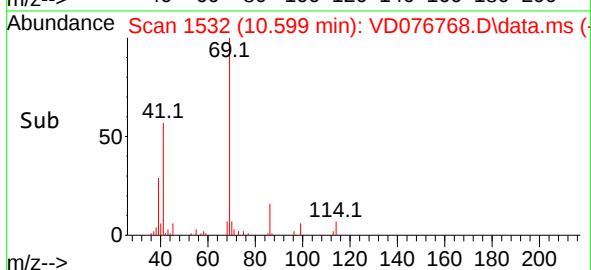
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

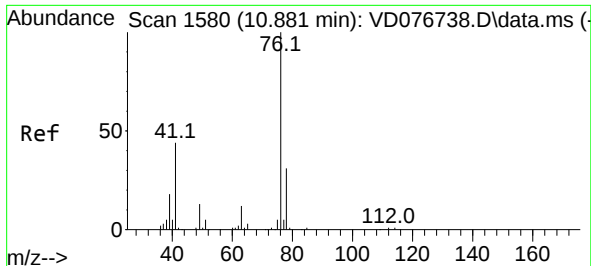


#56
Ethyl methacrylate
Concen: 18.332 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



Tgt Ion:	69	Resp:	41019
Ion	Ratio	Lower	Upper
69	100		
41	54.3	39.1	58.7
39	31.8	20.0	30.0





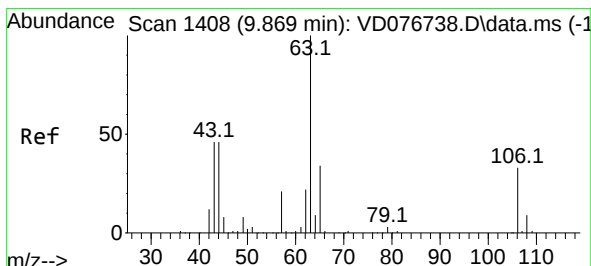
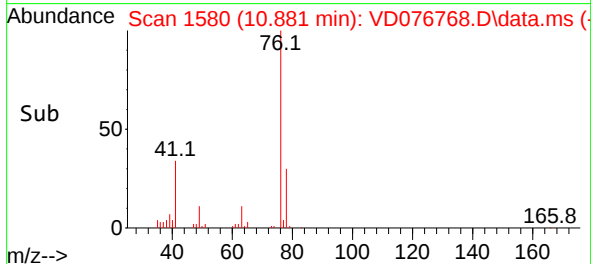
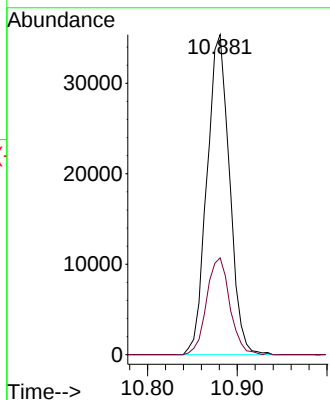
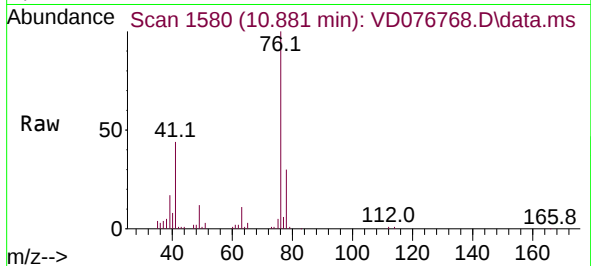
#57
1,3-Dichloropropane
Concen: 19.578 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion: 76 Resp: 61812
Ion Ratio Lower Upper
76 100
78 31.2 26.4 39.6

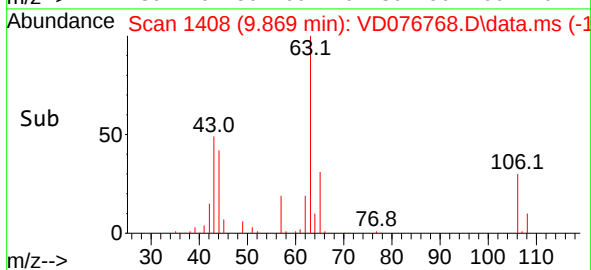
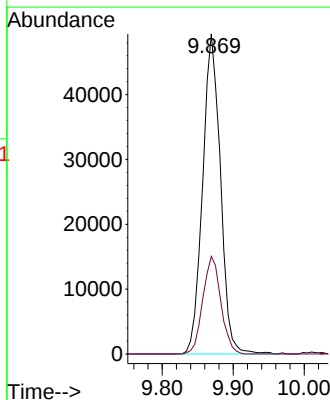
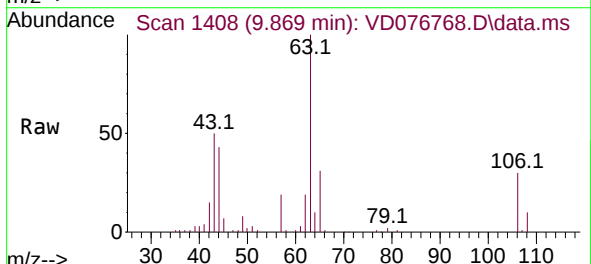
Manual Integrations
APPROVED

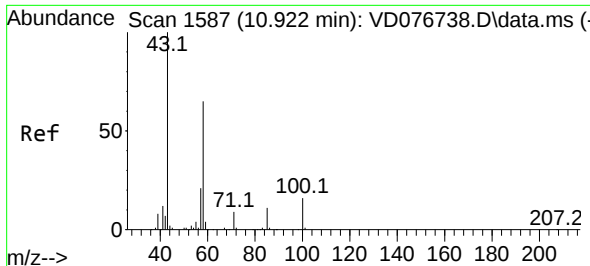
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#58
2-Chloroethyl Vinyl ether
Concen: 99.324 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

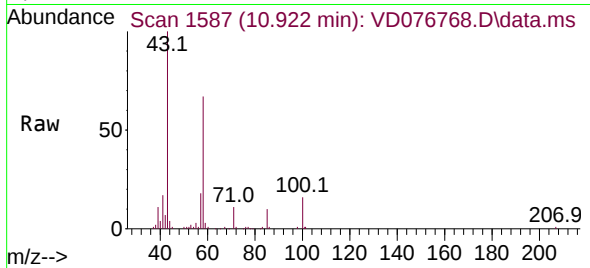
Tgt Ion: 63 Resp: 86027
Ion Ratio Lower Upper
63 100
106 30.9 25.3 37.9





#59
2-Hexanone
Concen: 93.809 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

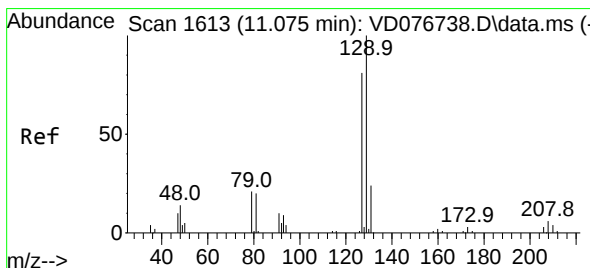
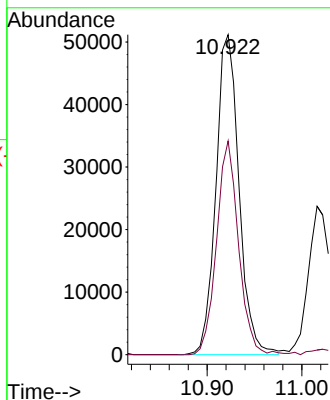
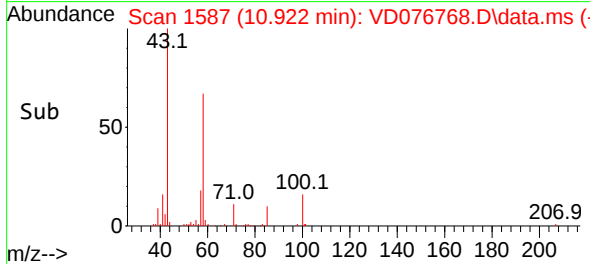
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion: 43 Resp: 86619
Ion Ratio Lower Upper
43 100
58 63.7 34.1 102.2

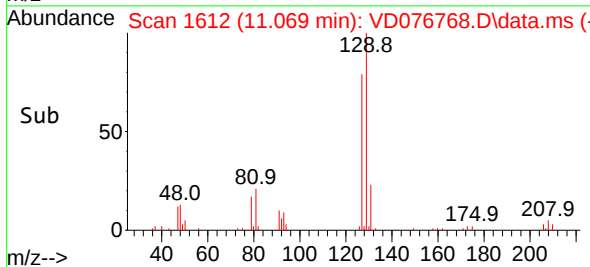
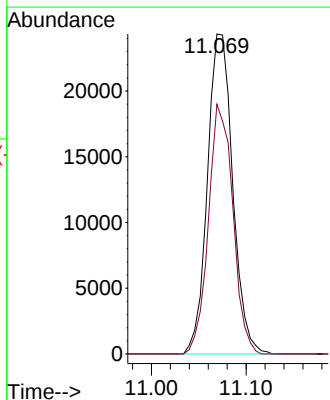
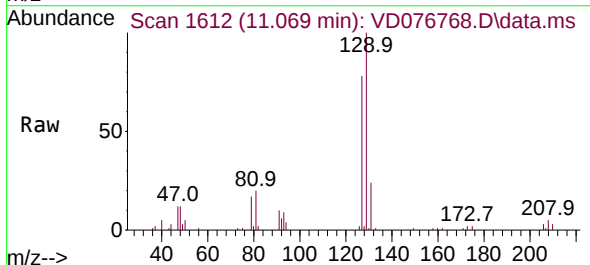
Manual Integrations
APPROVED

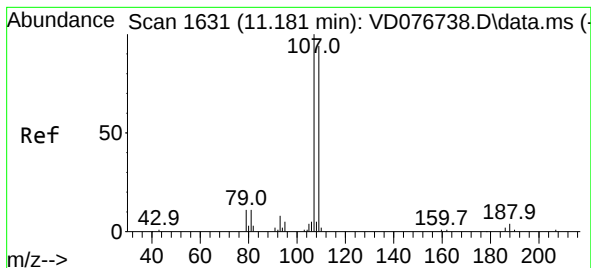
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#60
Dibromochloromethane
Concen: 20.064 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

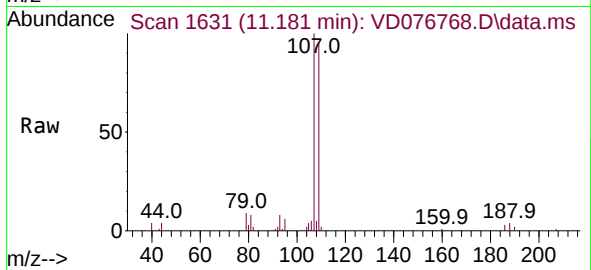
Tgt Ion:129 Resp: 45187
Ion Ratio Lower Upper
129 100
127 75.3 37.1 111.5





#61
1,2-Dibromoethane
Concen: 19.647 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

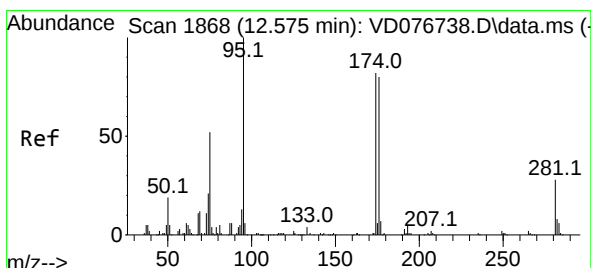
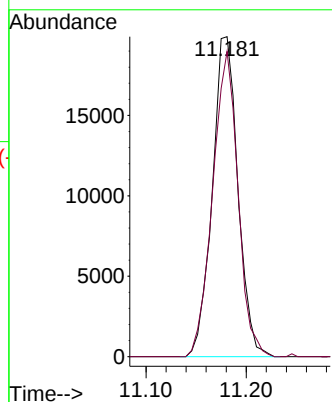
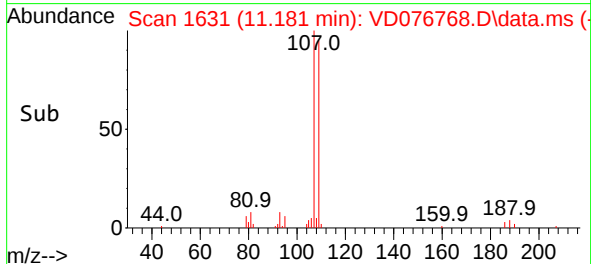
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



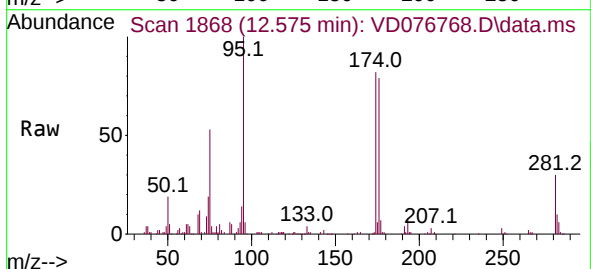
Tgt Ion:107 Resp: 35312
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

Manual Integrations
APPROVED

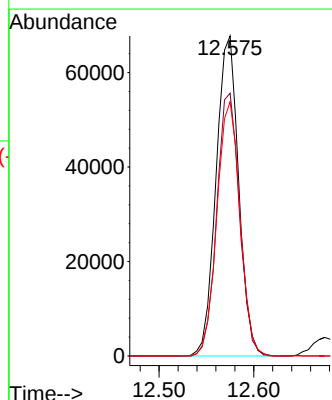
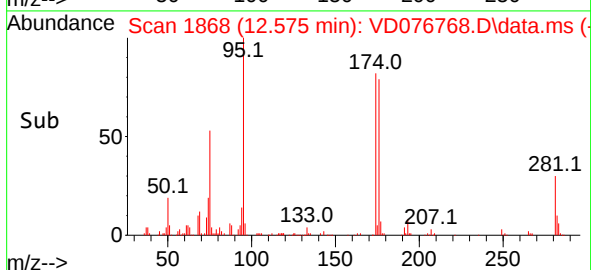
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

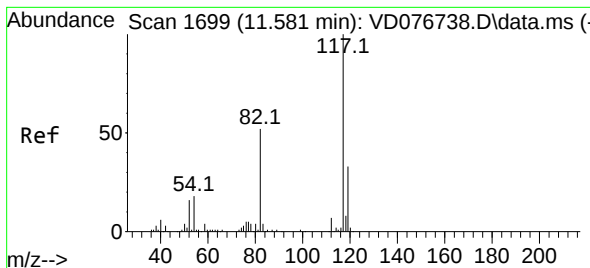


#62
4-Bromofluorobenzene
Concen: 45.508 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



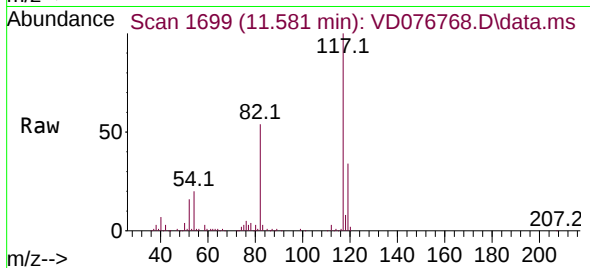
Tgt Ion: 95 Resp: 112234
Ion Ratio Lower Upper
95 100
174 82.6 0.0 201.8
176 81.0 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

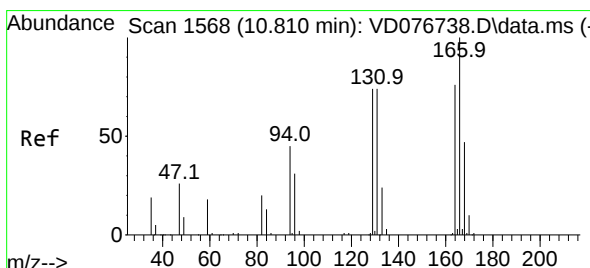
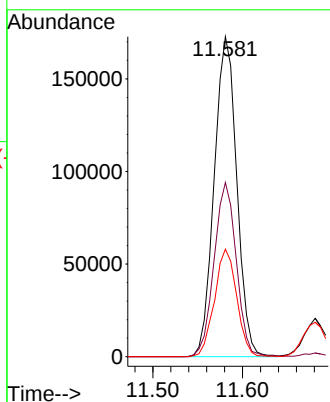
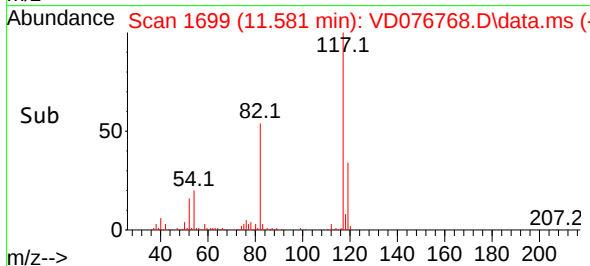
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



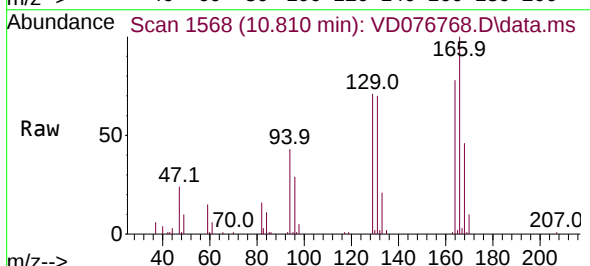
Tgt Ion:117 Resp: 30179
Ion Ratio Lower Upper
117 100
82 54.5 38.3 57.5
119 33.6 25.0 37.4

Manual Integrations
APPROVED

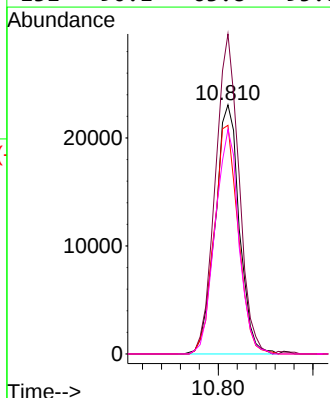
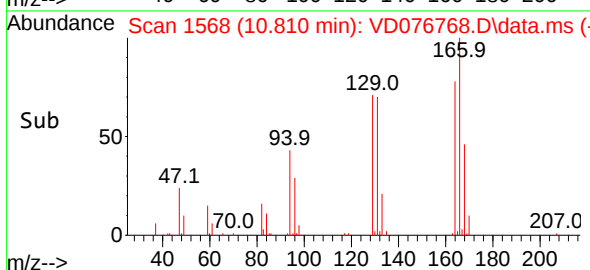
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

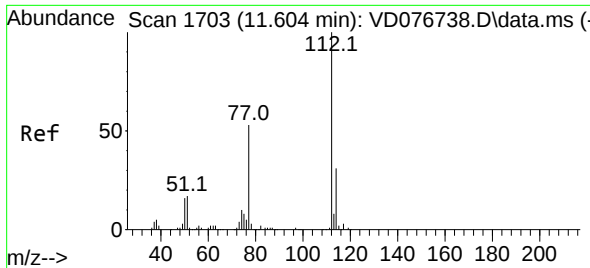


#64
Tetrachloroethene
Concen: 23.800 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



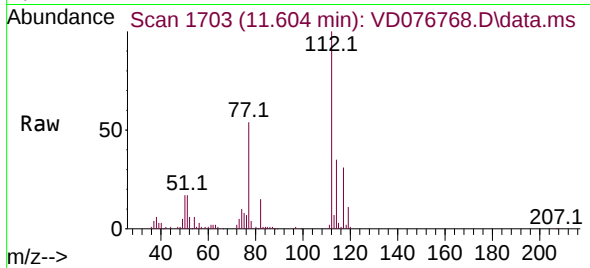
Tgt Ion:164 Resp: 40956
Ion Ratio Lower Upper
164 100
166 128.4 99.2 148.8
129 91.8 68.4 102.6
131 90.1 63.8 95.8





#65
Chlorobenzene
Concen: 20.922 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

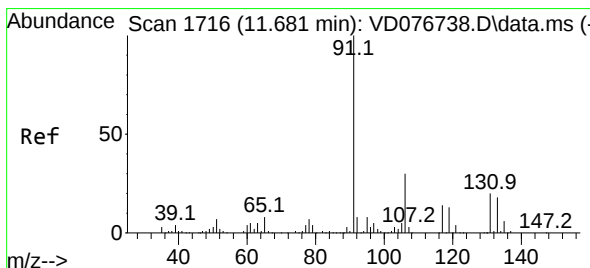
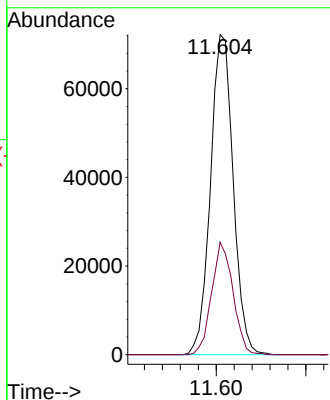
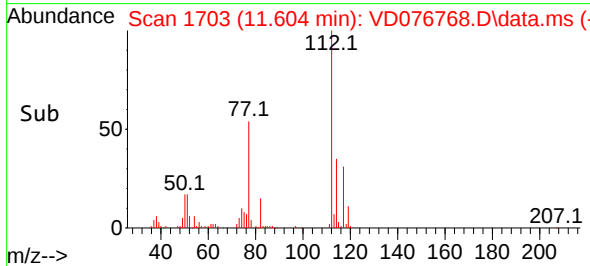
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



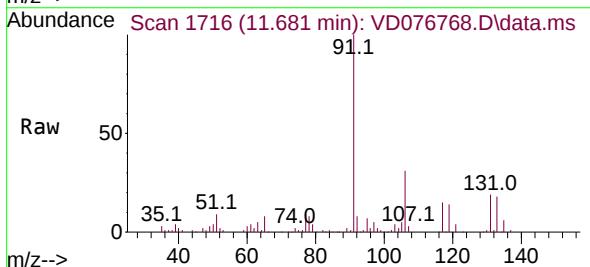
Tgt Ion:112 Resp: 126989
Ion Ratio Lower Upper
112 100
114 35.1 25.1 37.7

Manual Integrations
APPROVED

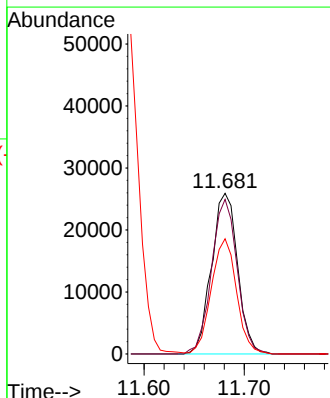
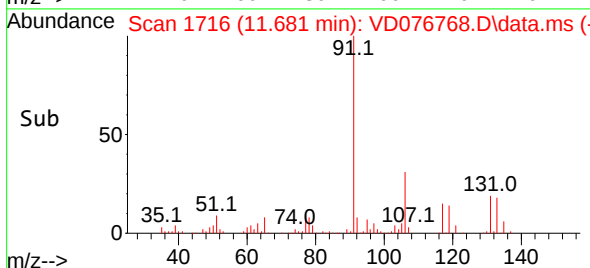
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

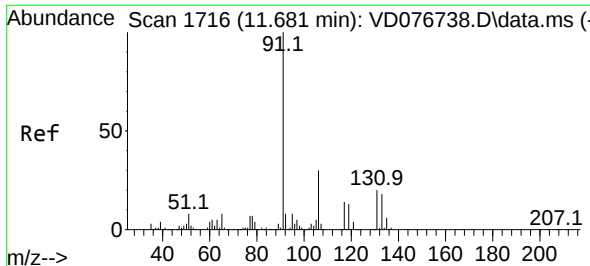


#66
1,1,1,2-Tetrachloroethane
Concen: 20.737 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



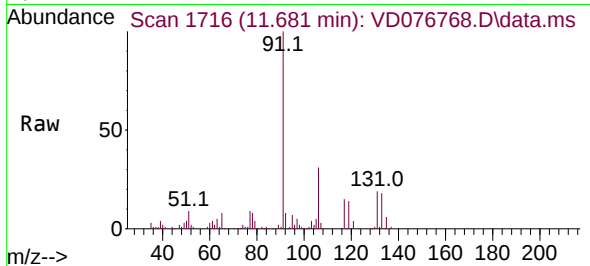
Tgt Ion:131 Resp: 46861
Ion Ratio Lower Upper
131 100
133 94.4 48.5 145.5
119 69.4 35.6 106.9





#67
Ethyl Benzene
Concen: 21.075 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

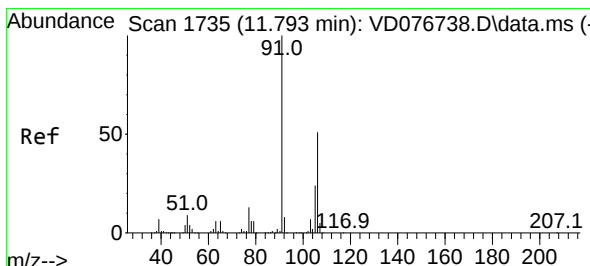
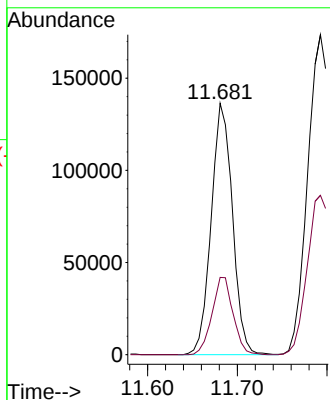
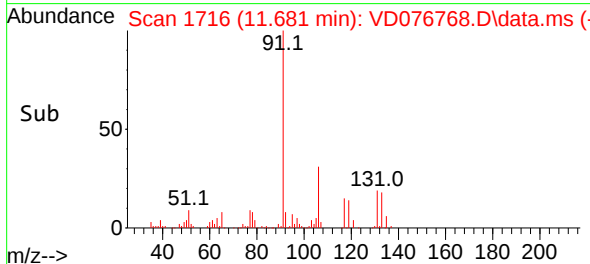
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



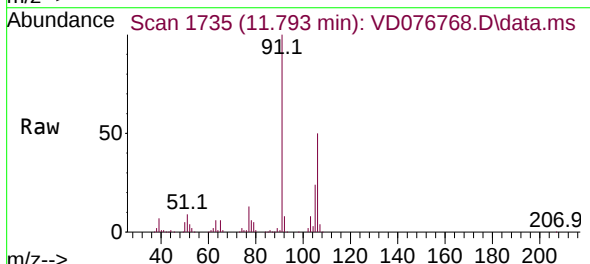
Tgt Ion: 91 Resp: 224649
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7

Manual Integrations
APPROVED

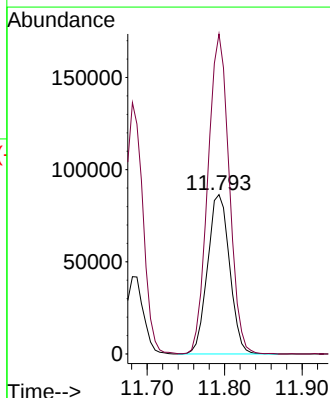
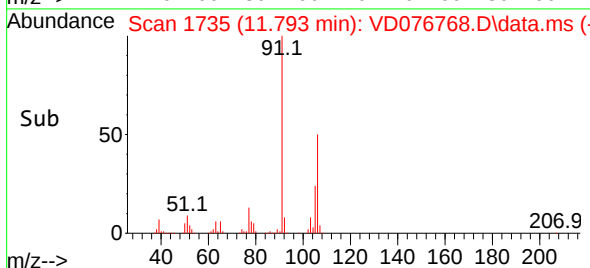
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

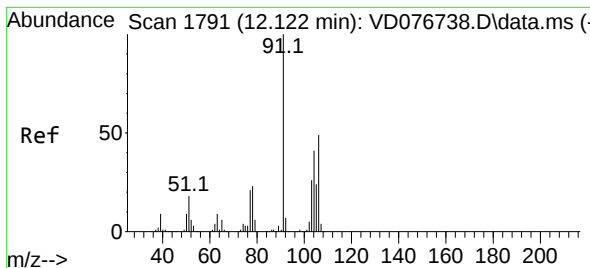


#68
m/p-Xylenes
Concen: 41.726 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



Tgt Ion:106 Resp: 170820
Ion Ratio Lower Upper
106 100
91 194.3 147.0 220.6





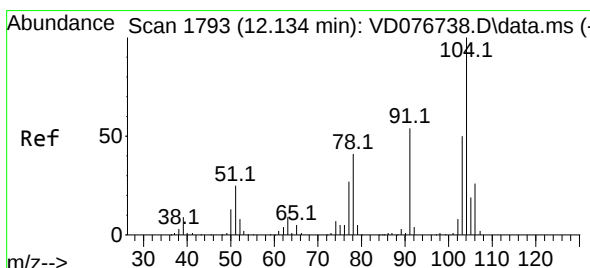
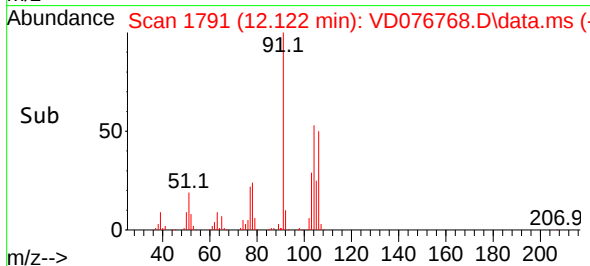
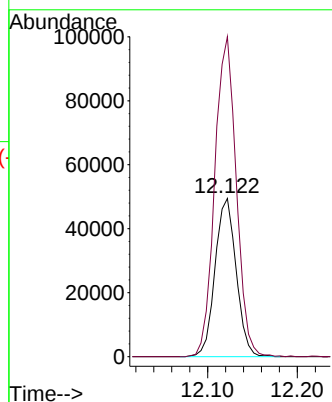
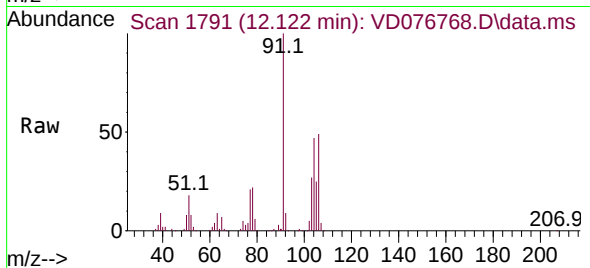
#69
o-Xylene
Concen: 20.446 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion:106 Resp: 8094
Ion Ratio Lower Upper
106 100
91 206.0 97.9 293.6

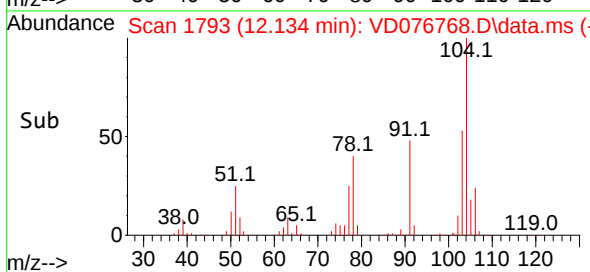
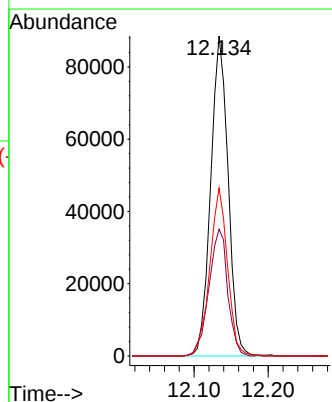
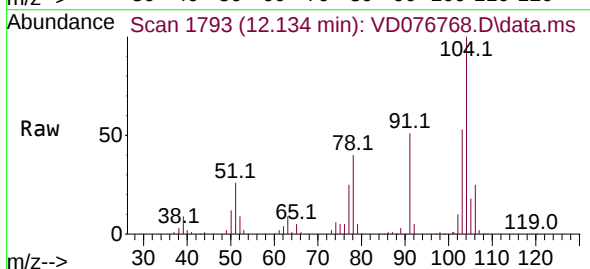
Manual Integrations
APPROVED

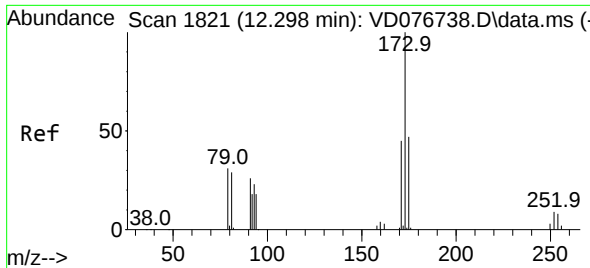
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#70
Styrene
Concen: 20.853 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

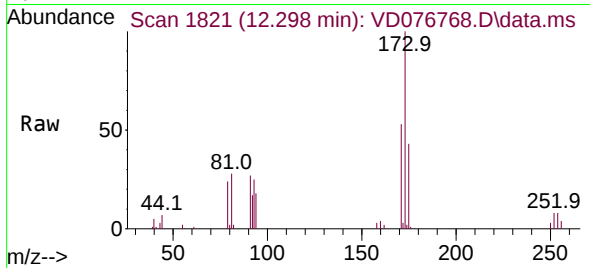
Tgt Ion:104 Resp: 144513
Ion Ratio Lower Upper
104 100
78 42.7 33.2 49.8
103 53.4 43.6 65.4





#71
Bromoform
Concen: 20.861 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

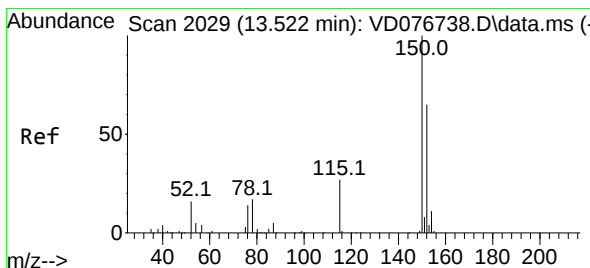
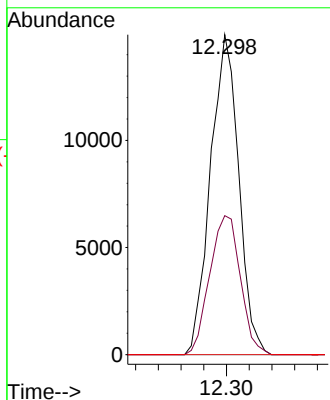
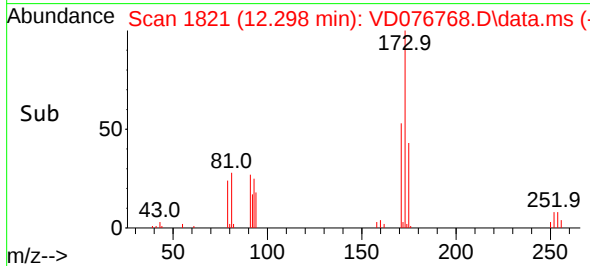
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion:173 Resp: 25818
Ion Ratio Lower Upper
173 100
175 47.1 24.6 73.8
254 0.0 0.0 0.0

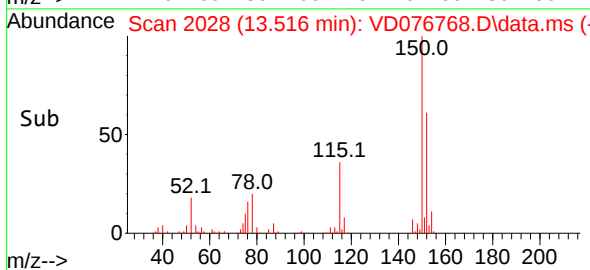
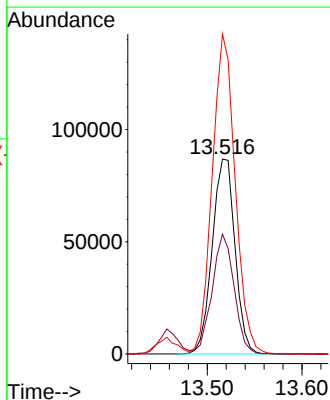
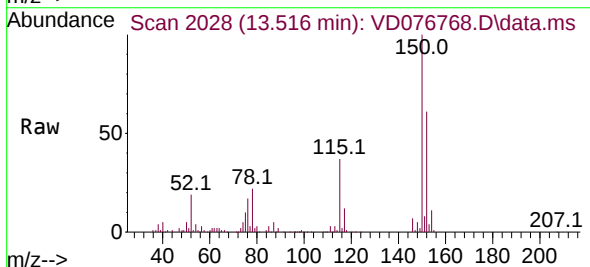
Manual Integrations
APPROVED

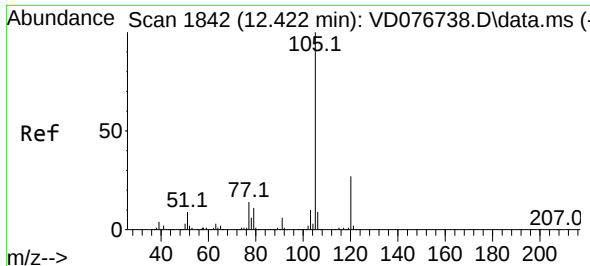
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

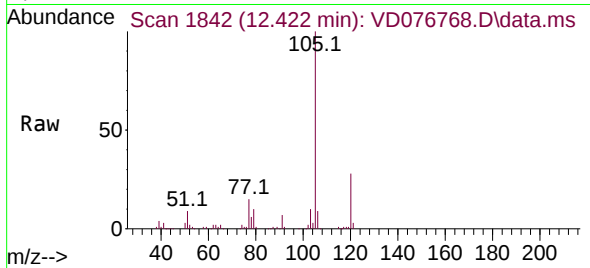
Tgt Ion:152 Resp: 145517
Ion Ratio Lower Upper
152 100
115 59.3 27.1 81.3
150 165.3 0.0 353.6





#73
Isopropylbenzene
Concen: 20.665 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

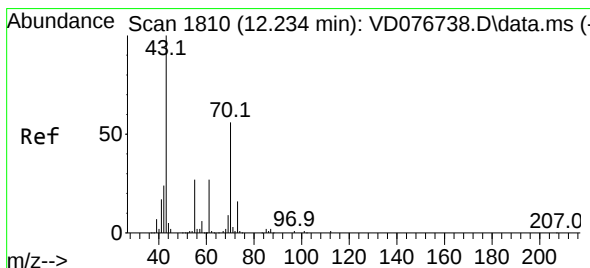
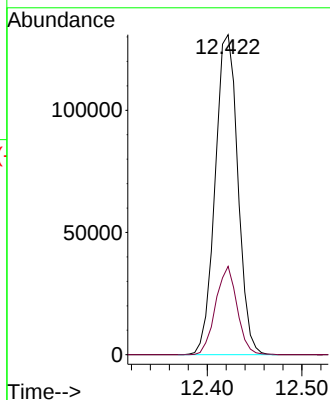
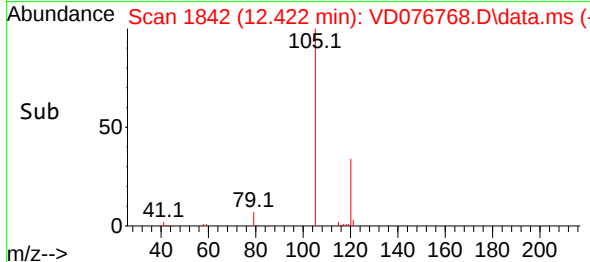
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion:105 Resp: 218169
Ion Ratio Lower Upper
105 100
120 26.1 14.3 42.9

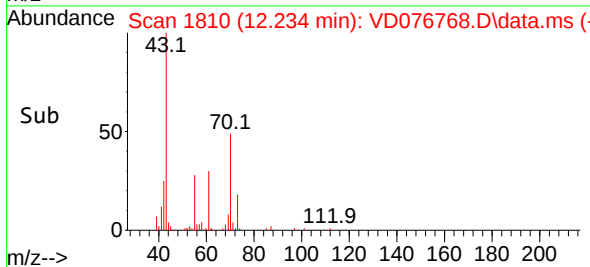
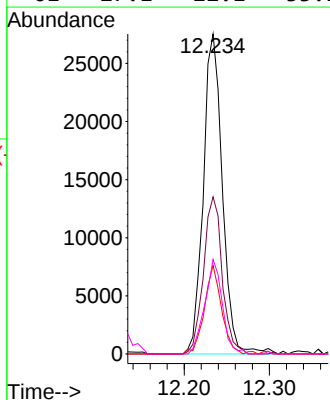
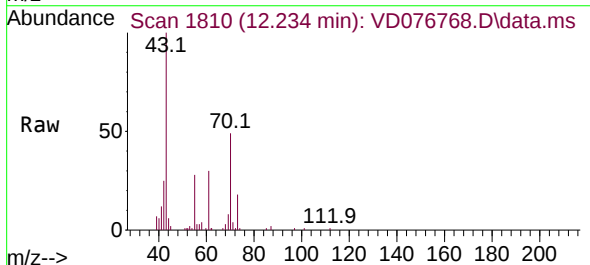
Manual Integrations
APPROVED

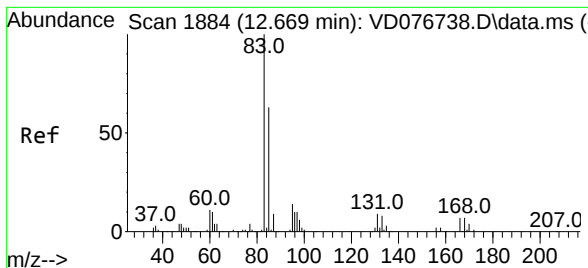
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#74
N-ethyl acetate
Concen: 19.270 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

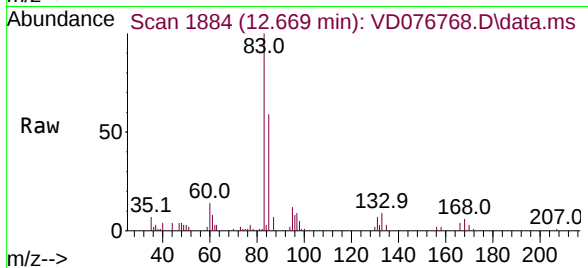
Tgt Ion: 43 Resp: 42860
Ion Ratio Lower Upper
43 100
70 48.1 45.0 67.4
55 24.8 23.8 35.6
61 27.1 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 20.429 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

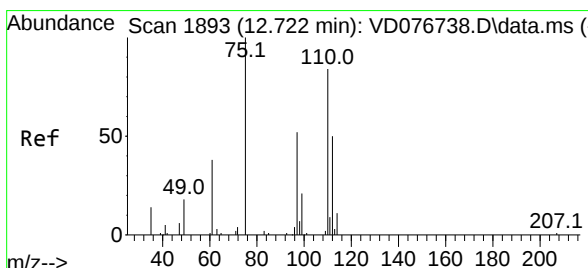
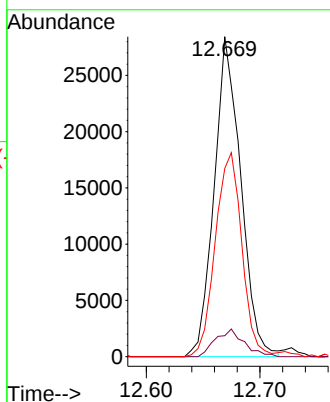
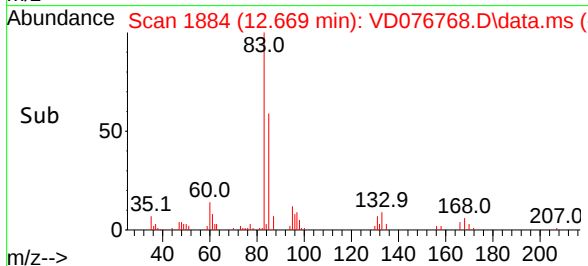
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



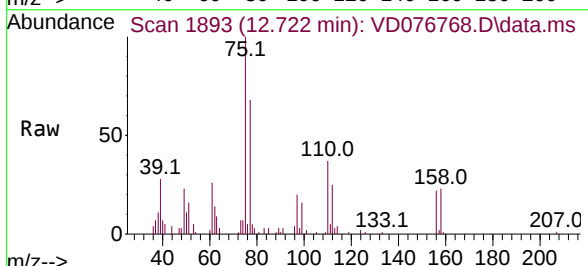
Tgt Ion: 83 Resp: 46309
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.7 32.6 97.8

Manual Integrations
APPROVED

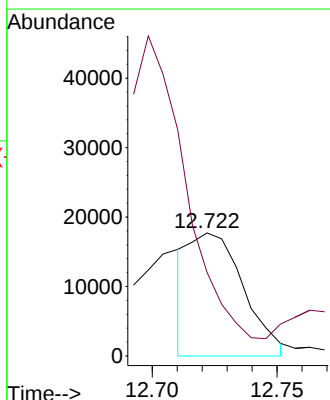
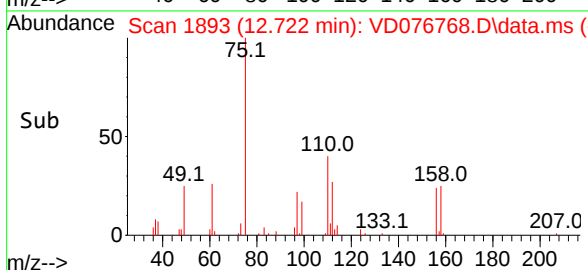
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

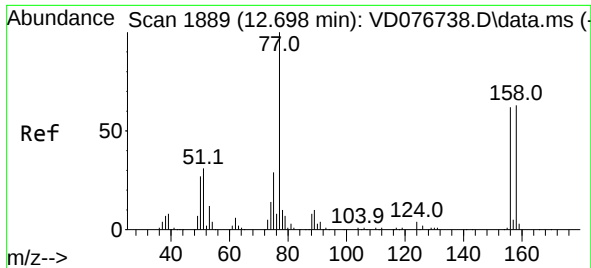


#76
1,2,3-Trichloropropane
Concen: 19.509 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



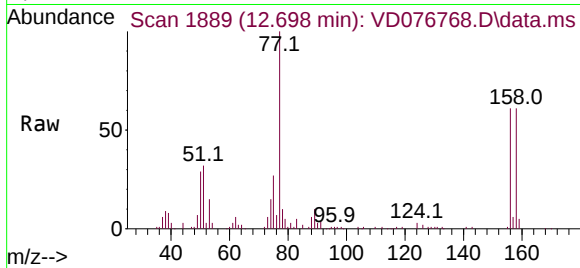
Tgt Ion: 75 Resp: 26998
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 19.564 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

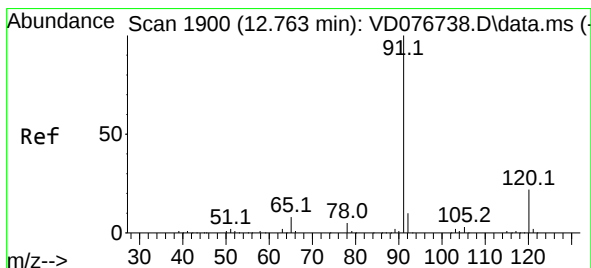
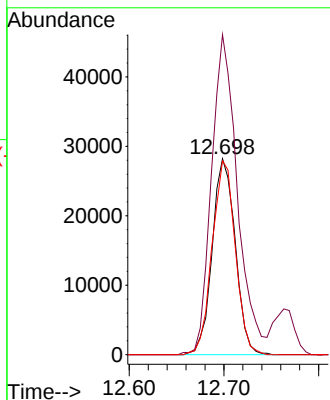
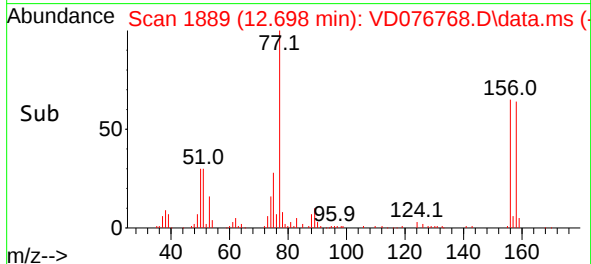
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



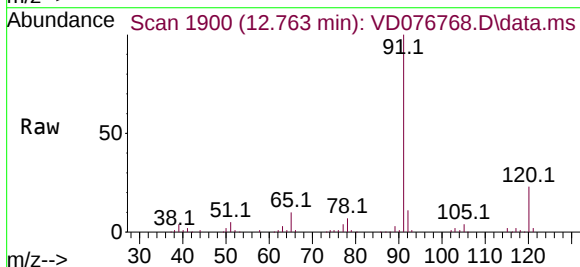
Tgt Ion:156 Resp: 4767
Ion Ratio Lower Upper
156 100
77 184.3 76.8 230.4
158 99.6 48.6 145.9

Manual Integrations
APPROVED

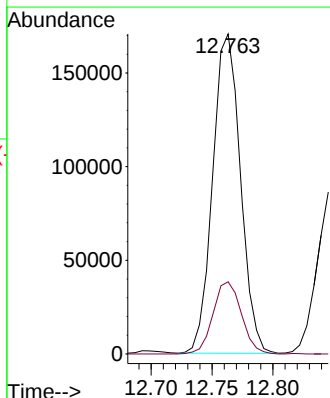
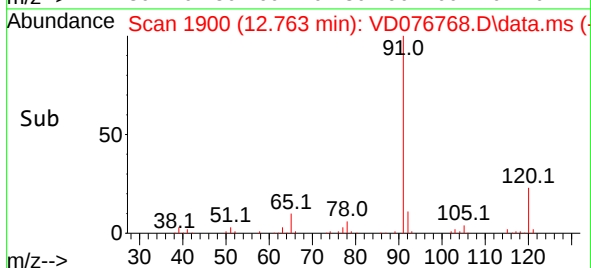
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

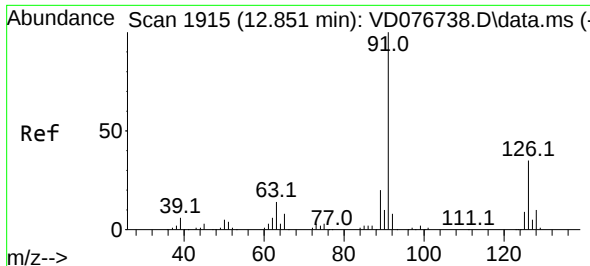


#78
n-propylbenzene
Concen: 21.132 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



Tgt Ion: 91 Resp: 270467
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2





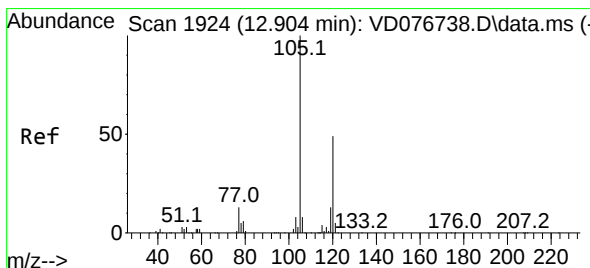
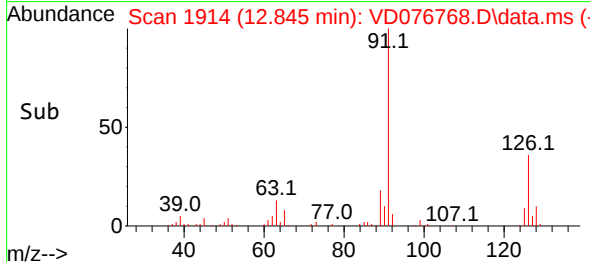
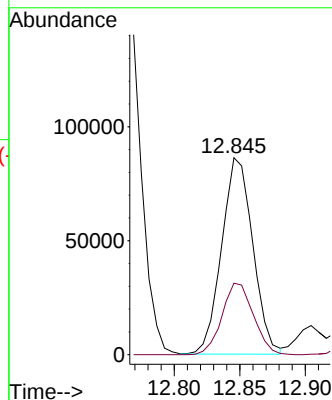
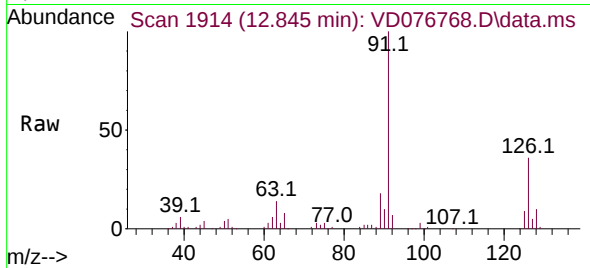
#79
2-Chlorotoluene
Concen: 20.339 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion: 91 Resp: 142738
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1

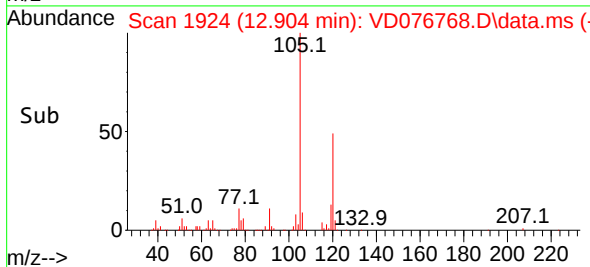
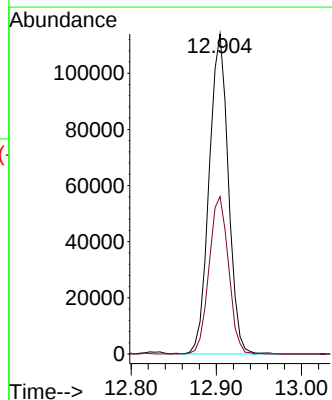
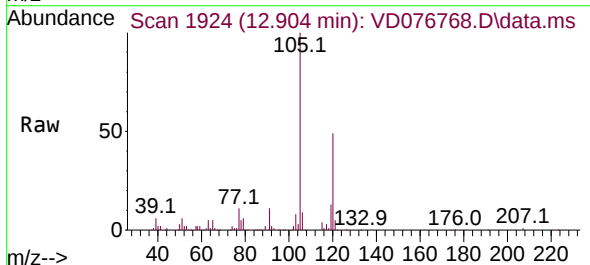
Manual Integrations
APPROVED

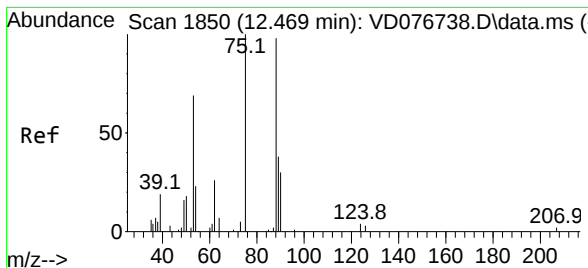
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.842 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

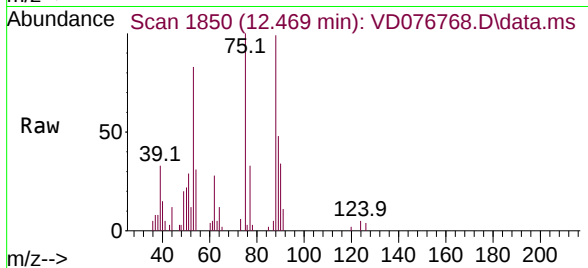
Tgt Ion:105 Resp: 177920
Ion Ratio Lower Upper
105 100
120 49.9 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 18.880 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

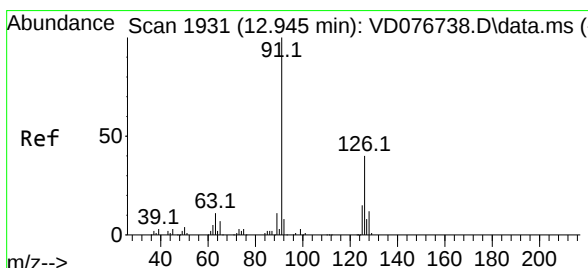
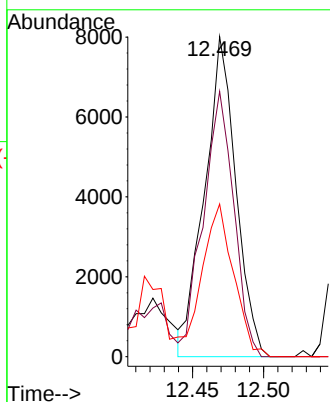
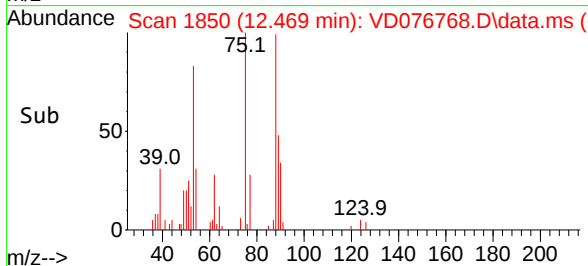
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion: 75 Resp: 12270
Ion Ratio Lower Upper
75 100
53 80.7 63.0 94.4
89 48.1 37.9 56.9

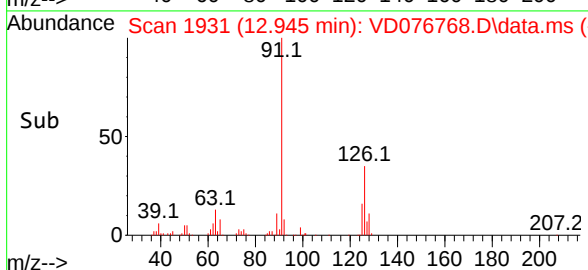
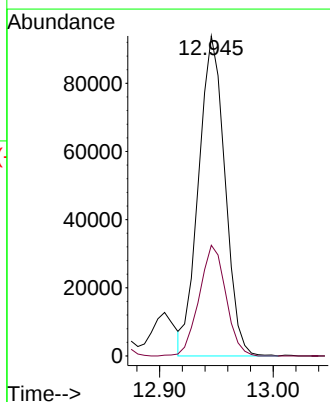
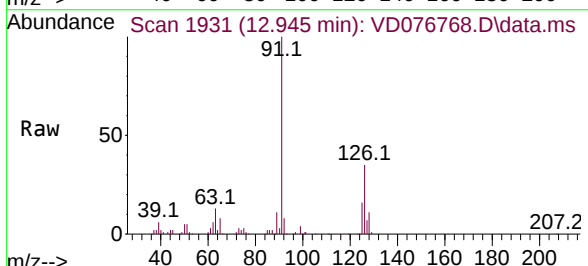
Manual Integrations
APPROVED

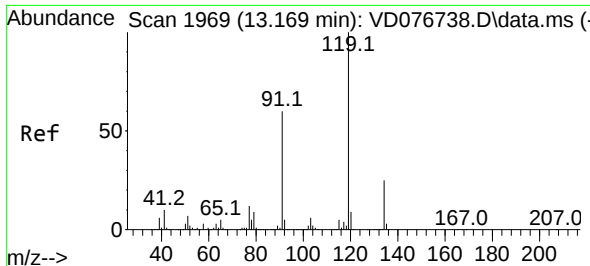
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#82
4-Chlorotoluene
Concen: 20.626 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 91 Resp: 151219
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.4





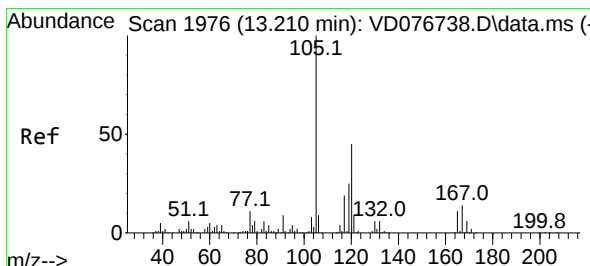
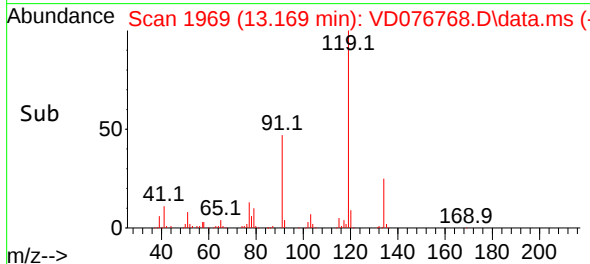
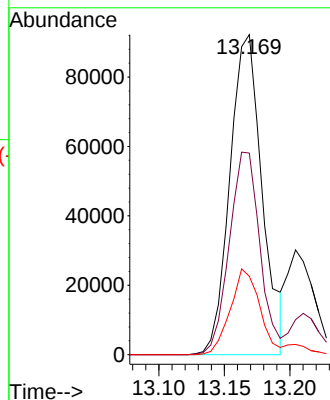
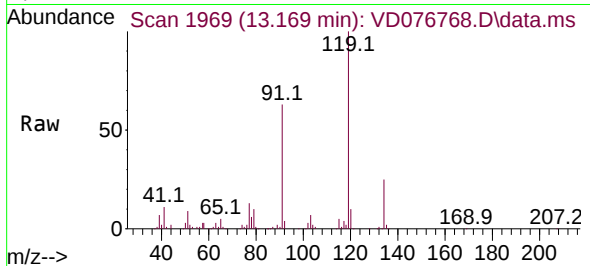
#83
tert-Butylbenzene
Concen: 20.995 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion:119 Resp: 15781
Ion Ratio Lower Upper
119 100
91 60.3 29.3 87.8
134 24.5 14.1 42.3

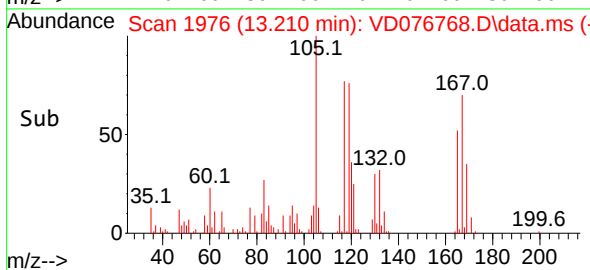
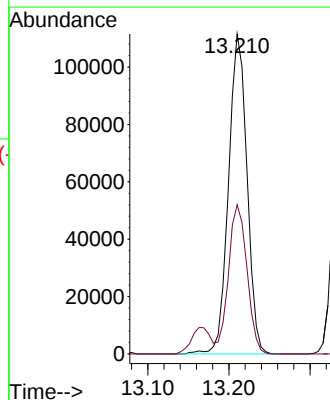
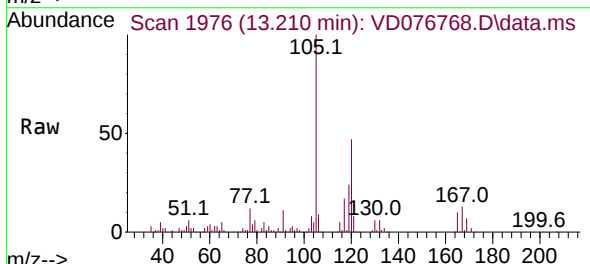
Manual Integrations
APPROVED

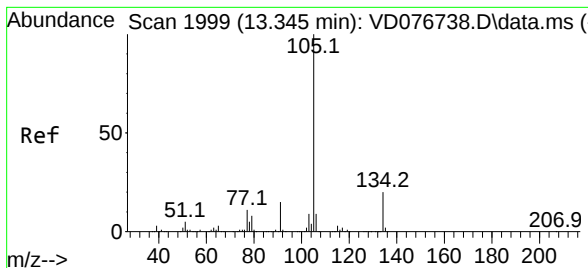
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.213 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion:105 Resp: 176335
Ion Ratio Lower Upper
105 100
120 46.9 24.3 72.9





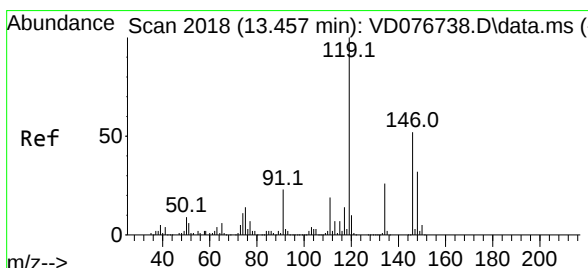
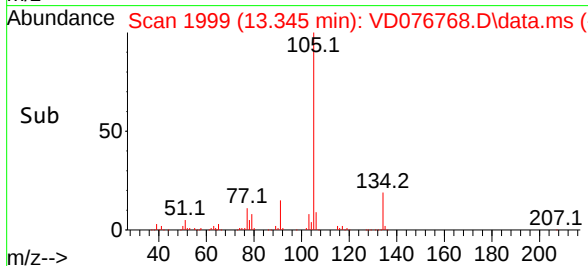
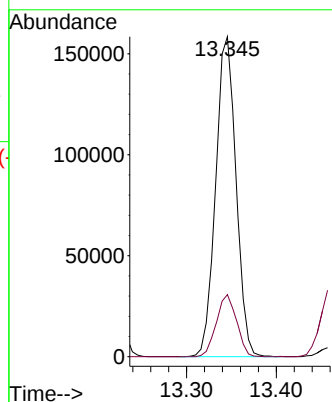
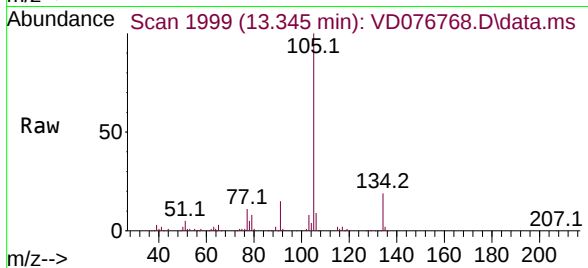
#85
 sec-Butylbenzene
 Concen: 21.722 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01

Tgt Ion:105 Resp: 249458
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9

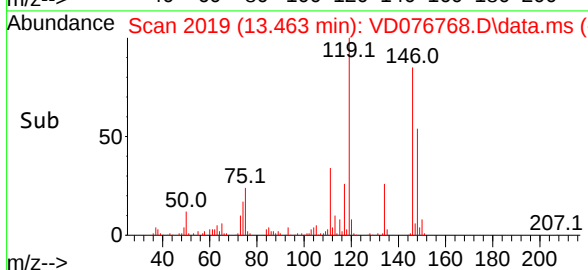
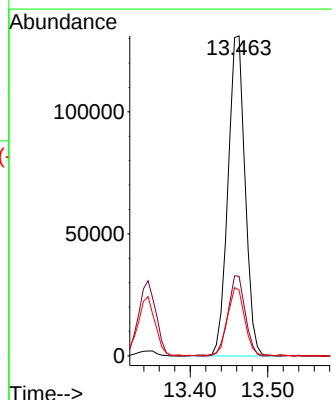
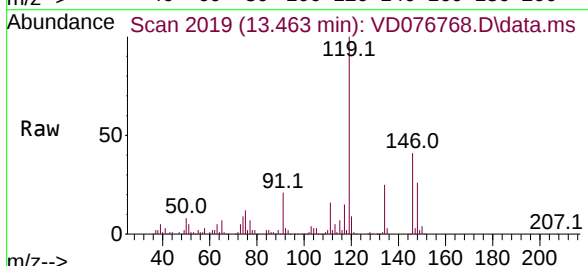
Manual Integrations
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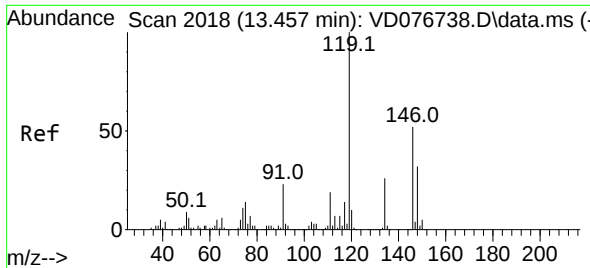
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#86
 p-Isopropyltoluene
 Concen: 21.244 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

Tgt Ion:119 Resp: 201480
 Ion Ratio Lower Upper
 119 100
 134 25.1 14.2 42.6
 91 21.9 10.5 31.5





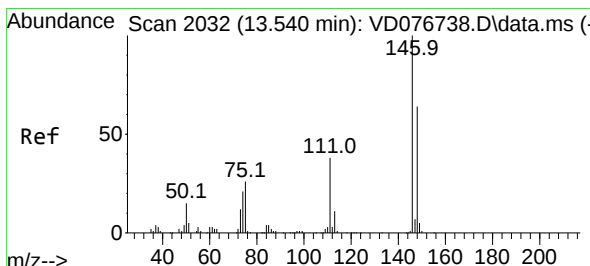
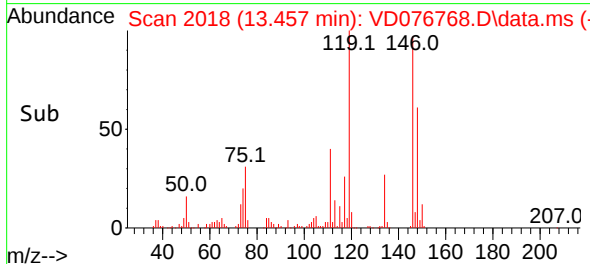
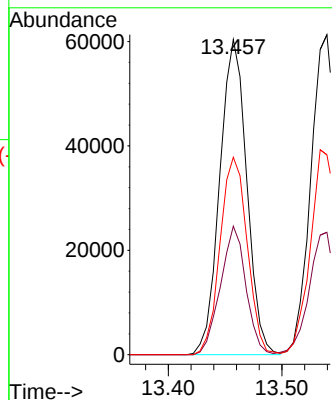
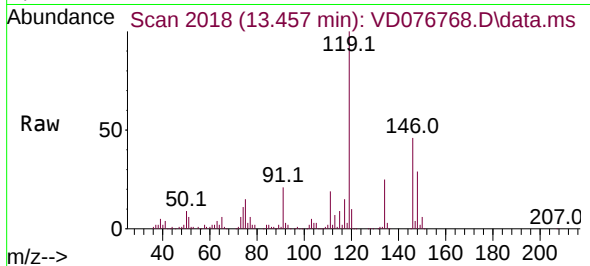
#87
 1,3-Dichlorobenzene
 Concen: 19.879 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01

Tgt Ion:146 Resp: 9964
 Ion Ratio Lower Upper
 146 100
 111 38.5 17.9 53.8
 148 63.0 32.3 96.8

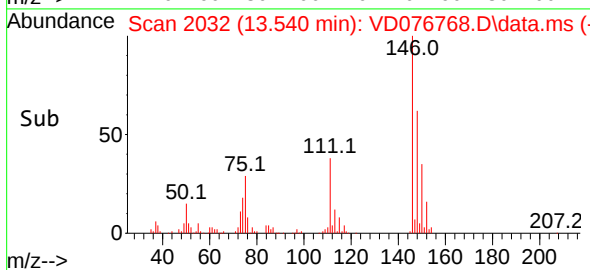
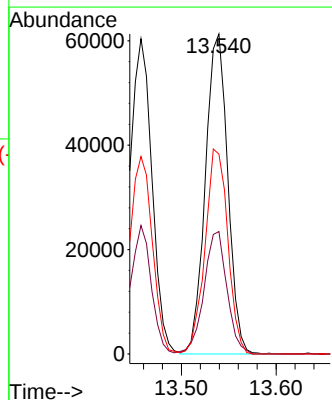
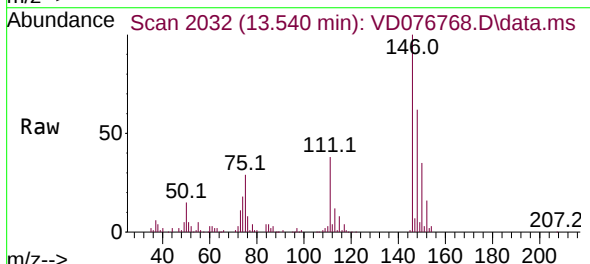
Manual Integrations
 APPROVED

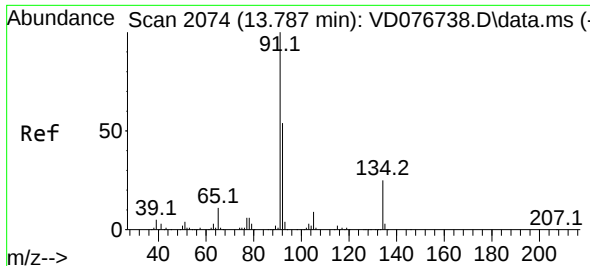
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#88
 1,4-Dichlorobenzene
 Concen: 20.519 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD076768.D
 Acq: 18 Jul 2023 10:36

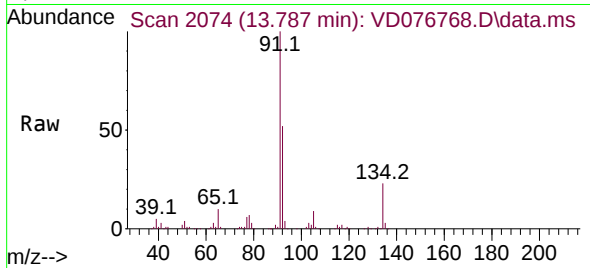
Tgt Ion:146 Resp: 100764
 Ion Ratio Lower Upper
 146 100
 111 39.3 17.4 52.3
 148 65.0 31.7 95.1





#89
n-Butylbenzene
Concen: 21.167 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

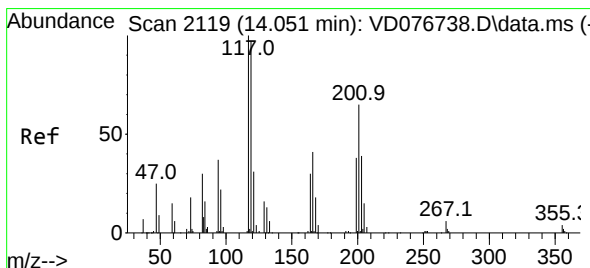
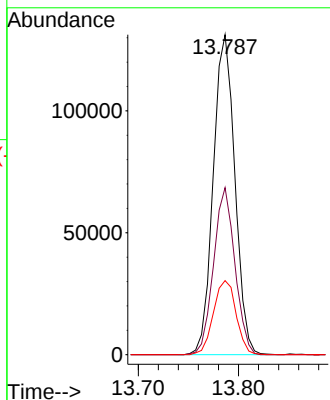
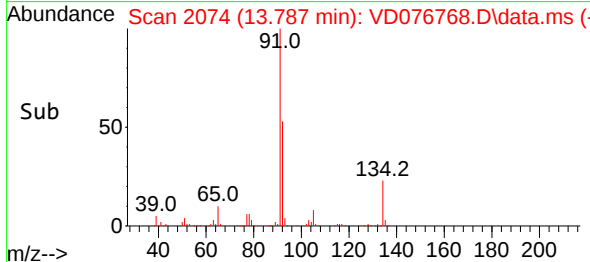
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion: 91 Resp: 19644
Ion Ratio Lower Upper
91 100
92 51.5 26.5 79.5
134 24.2 13.8 41.3

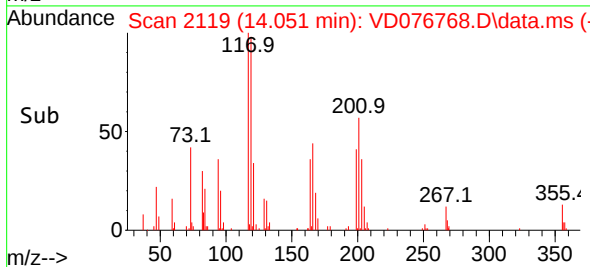
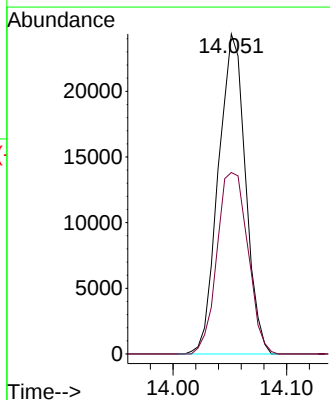
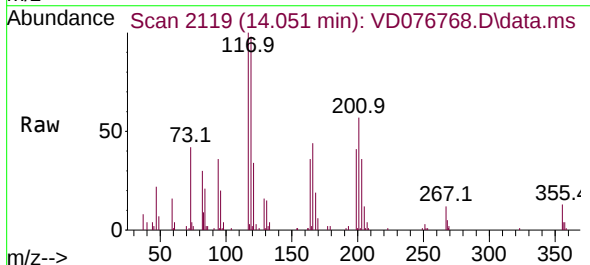
Manual Integrations
APPROVED

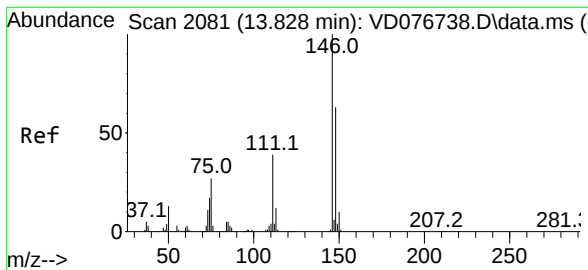
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#90
Hexachloroethane
Concen: 23.051 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

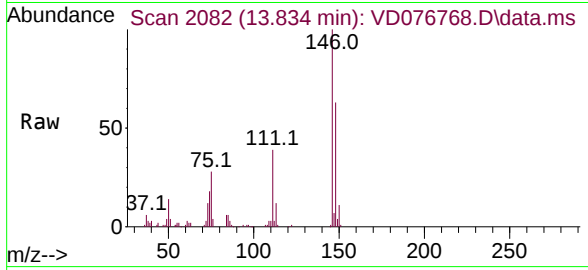
Tgt Ion:117 Resp: 40417
Ion Ratio Lower Upper
117 100
201 64.5 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 19.808 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

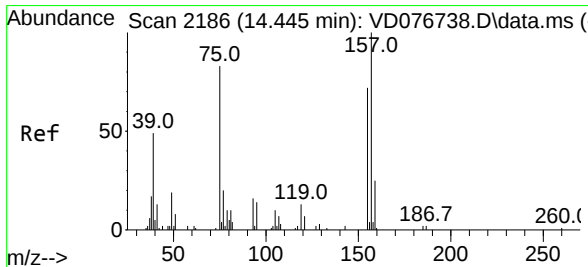
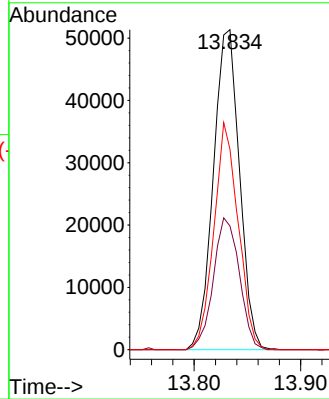
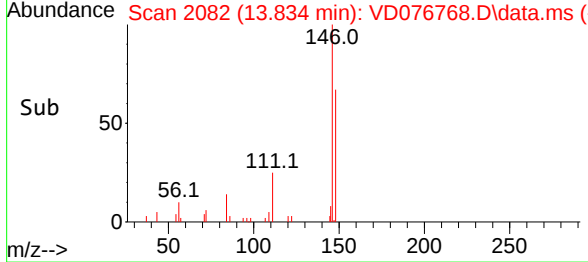
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion:146 Resp: 8748
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 66.1 31.6 94.7

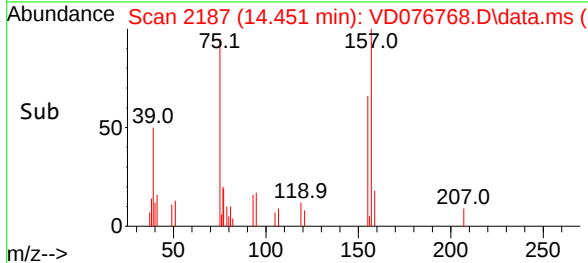
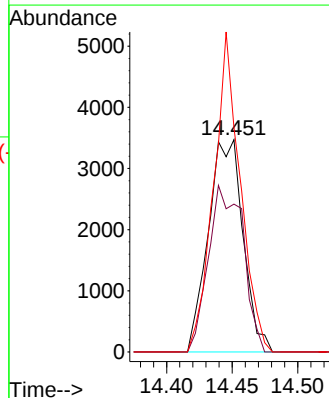
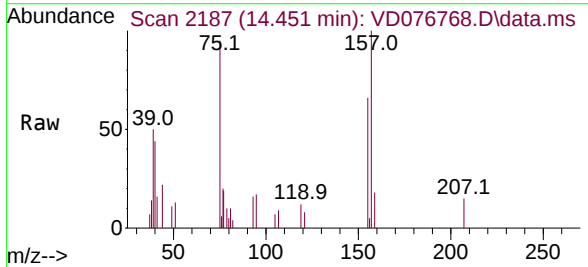
Manual Integrations
APPROVED

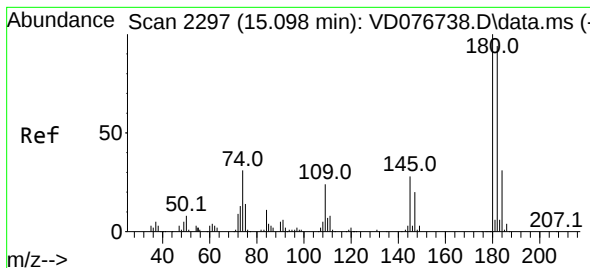
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.749 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

Tgt Ion: 75 Resp: 6383
Ion Ratio Lower Upper
75 100
155 78.3 47.9 143.8
157 115.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 19.251 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

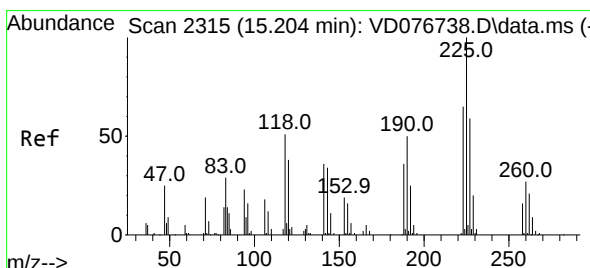
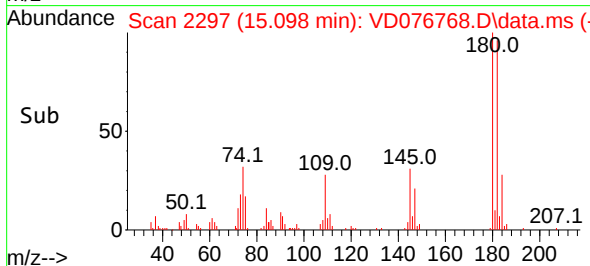
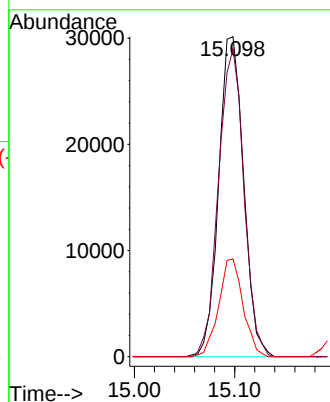
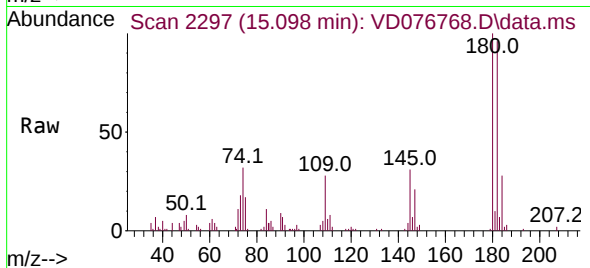
Tgt Ion:180	Resp:	51909
Ion Ratio	Lower	Upper
180	100	
182	97.9	48.5 145.6
145	29.9	14.2 42.6

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#94

Hexachlorobutadiene

Concen: 20.980 ug/l

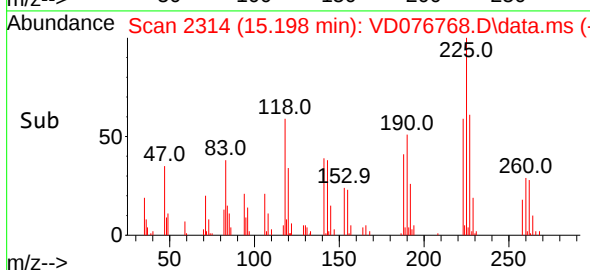
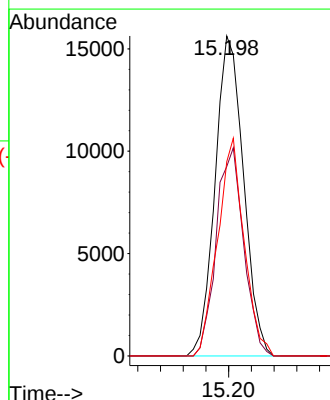
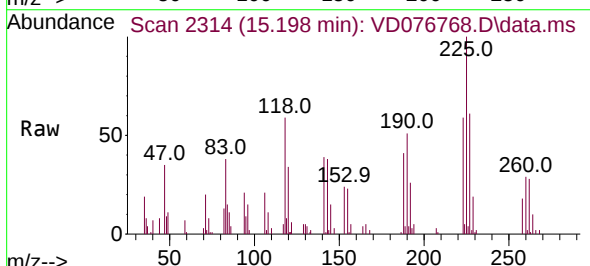
RT: 15.198 min Scan# 2314

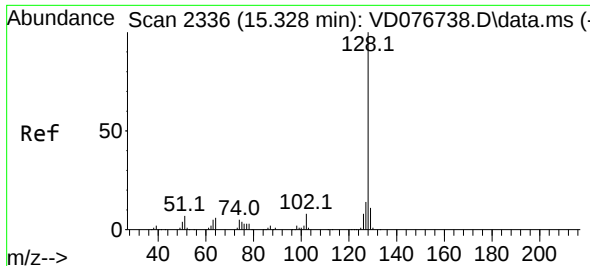
Delta R.T. -0.006 min

Lab File: VD076768.D

Acq: 18 Jul 2023 10:36

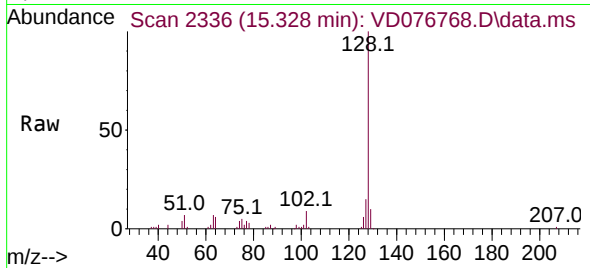
Tgt Ion:225	Resp:	27207
Ion Ratio	Lower	Upper
225	100	
223	62.7	31.6 94.8
227	63.5	31.7 95.1





#95
Naphthalene
Concen: 18.242 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36

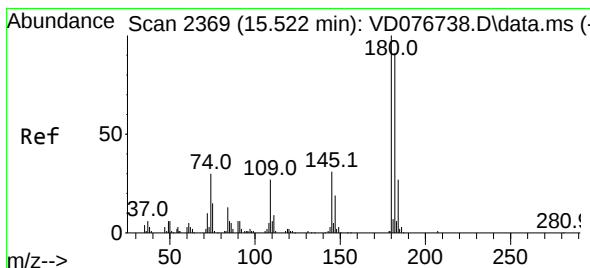
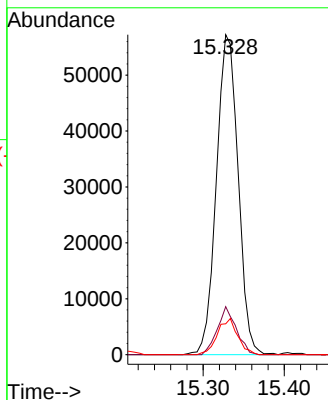
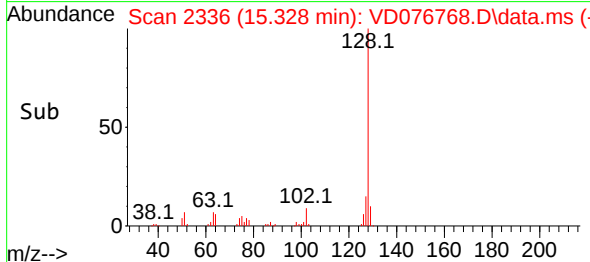
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



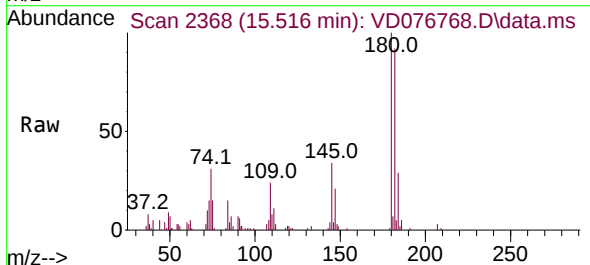
Tgt Ion:128 Resp: 10650
Ion Ratio Lower Upper
128 100
127 15.0 10.5 15.7
129 9.6 8.7 13.1

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Supervised By :Mahesh Dadoda 07/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 19.208 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD076768.D
Acq: 18 Jul 2023 10:36



Tgt Ion:180 Resp: 46478
Ion Ratio Lower Upper
180 100
182 94.8 47.3 141.9
145 33.1 15.1 45.3

