

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076762.D
 Acq On : 17 Jul 2023 18:48
 Operator : KP/SY
 Sample : 03645-09MS
 Misc : 6.17G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MS

Quant Time: Jul 18 01:24:36 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

Manual Integrations APPROVED

Reviewed By : John Carlone 07/18/2023
 Supervised By : Mahesh Dadoda 07/18/2023

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	136385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	255118	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	231626	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102048	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77077	56.739	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.480%			
35) Dibromofluoromethane	7.798	113	87753	54.737	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.480%			
50) Toluene-d8	10.269	98	291124	50.761	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.520%			
62) 4-Bromofluorobenzene	12.574	95	92839	50.039	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 100.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	50313	47.175	ug/l	95
3) Chloromethane	2.146	50	98241	53.398	ug/l	97
4) Vinyl Chloride	2.275	62	123958	50.544	ug/l	98
5) Bromomethane	2.681	94	84784	42.018	ug/l	99
6) Chloroethane	2.822	64	95023	51.318	ug/l	92
7) Trichlorofluoromethane	3.163	101	105055	48.141	ug/l	96
8) Diethyl Ether	3.587	74	38640	51.429	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.957	101	68648	47.857	ug/l	96
10) Methyl Iodide	4.151	142	78594	48.605	ug/l	93
11) Tert butyl alcohol	5.057	59	24880	245.442	ug/l	98
12) 1,1-Dichloroethene	3.934	96	64855	48.123	ug/l	96
13) Acrolein	3.787	56	12978	187.872	ug/l	96
14) Allyl chloride	4.557	41	84456	47.704	ug/l	92
15) Acrylonitrile	5.251	53	95205	257.996	ug/l	98
16) Acetone	4.016	43	84532	260.560	ug/l	91
17) Carbon Disulfide	4.257	76	153425	48.742	ug/l #	94
18) Methyl Acetate	4.557	43	83048	68.134	ug/l	97
19) Methyl tert-butyl Ether	5.310	73	185410	51.302	ug/l	95
20) Methylene Chloride	4.798	84	113804	61.222	ug/l	94
21) trans-1,2-Dichloroethene	5.304	96	78383	50.035	ug/l	99
22) Diisopropyl ether	6.216	45	225237	53.726	ug/l	94
23) Vinyl Acetate	6.151	43	327552m	157.910	ug/l	
24) 1,1-Dichloroethane	6.104	63	149263	52.807	ug/l	97
25) 2-Butanone	7.081	43	114110	262.810	ug/l #	81
26) 2,2-Dichloropropane	7.069	77	111750	45.863	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	99749	51.652	ug/l	100
28) Bromochloromethane	7.422	49	37857	53.570	ug/l	83
29) Tetrahydrofuran	7.445	42	67407	262.757	ug/l	94
30) Chloroform	7.592	83	163843	52.923	ug/l	94
31) Cyclohexane	7.875	56	89954	44.995	ug/l	95
32) 1,1,1-Trichloroethane	7.786	97	130350	52.185	ug/l	99
36) 1,1-Dichloropropene	8.004	75	102159	48.765	ug/l	97
37) Ethyl Acetate	7.163	43	42968	45.863	ug/l	96
38) Carbon Tetrachloride	7.986	117	98769	49.239	ug/l	90
39) Methylcyclohexane	9.275	83	112929	46.686	ug/l	97
40) Benzene	8.245	78	335519	50.759	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	27155	47.465	ug/l #	95
42) 1,2-Dichloroethane	8.322	62	92516	53.868	ug/l	97
43) Isopropyl Acetate	8.357	43	86070	47.074	ug/l	95
44) Trichloroethene	9.028	130	87411	48.529	ug/l	93
45) 1,2-Dichloropropane	9.304	63	88821	52.056	ug/l	98
46) Dibromomethane	9.392	93	52055	52.120	ug/l	90
47) Bromodichloromethane	9.586	83	126882	50.625	ug/l	97
48) Methyl methacrylate	9.380	41	43093	51.784	ug/l #	86
49) 1,4-Dioxane	9.386	88	13037	1018.827	ug/l #	94
51) 4-Methyl-2-Pentanone	10.157	43	247823	254.571	ug/l	93
52) Toluene	10.333	92	217641	50.133	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	115824	49.788	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	136063	49.627	ug/l #	91
55) 1,1,2-Trichloroethane	10.733	97	75918	52.055	ug/l	96
56) Ethyl methacrylate	10.598	69	80783	47.990	ug/l #	91
57) 1,3-Dichloropropane	10.880	76	119864	50.467	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	144596	221.918	ug/l	94
59) 2-Hexanone	10.922	43	174279	250.895	ug/l	93
60) Dibromochloromethane	11.075	129	88288	52.110	ug/l	98
61) 1,2-Dibromoethane	11.180	107	69039	51.059	ug/l	99
64) Tetrachloroethene	10.810	164	93577	70.850	ug/l #	89
65) Chlorobenzene	11.604	112	231306	49.653	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.680	131	89113	51.380	ug/l	97
67) Ethyl Benzene	11.680	91	403570	49.329	ug/l	100
68) m/p-Xylenes	11.792	106	310678	98.877	ug/l	91
69) o-Xylene	12.122	106	150864	49.652	ug/l	91
70) Styrene	12.133	104	261449	49.154	ug/l	97
71) Bromoform	12.304	173	47743	50.261	ug/l #	99
73) Isopropylbenzene	12.422	105	380456	51.387	ug/l	95
74) N-amyl acetate	12.233	43	66267	42.485	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.674	83	86025	54.116	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	56385m	58.101	ug/l	
77) Bromobenzene	12.698	156	89094	52.133	ug/l	86
78) n-propylbenzene	12.763	91	447534	49.860	ug/l	96
79) 2-Chlorotoluene	12.851	91	248274	50.447	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	307821	51.418	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	23897	52.407	ug/l	98
82) 4-Chlorotoluene	12.945	91	258783	50.333	ug/l	95
83) tert-Butylbenzene	13.163	119	264778	50.231	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	313642	51.268	ug/l	97
85) sec-Butylbenzene	13.345	105	395037	49.052	ug/l	94
86) p-Isopropyltoluene	13.463	119	314695	47.315	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	168929	48.059	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	168085	48.807	ug/l	98
89) n-Butylbenzene	13.786	91	276486	42.482	ug/l	98
90) Hexachloroethane	14.051	117	62935	51.182	ug/l	86
91) 1,2-Dichlorobenzene	13.827	146	152620	49.274	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12438	54.876	ug/l	88
93) 1,2,4-Trichlorobenzene	15.098	180	71301	37.706	ug/l	96
94) Hexachlorobutadiene	15.204	225	30889	33.965	ug/l	98
95) Naphthalene	15.333	128	182825	44.653	ug/l	96
96) 1,2,3-Trichlorobenzene	15.521	180	64587	38.061	ug/l	96

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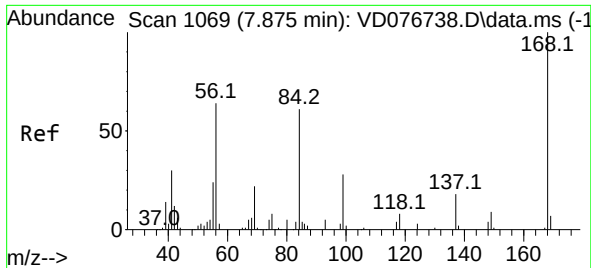
Quant Time: Jul 18 01:24:36 2023
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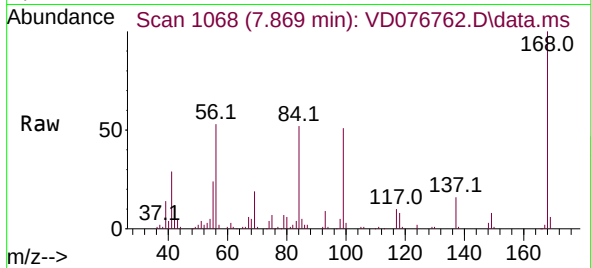
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076762.D
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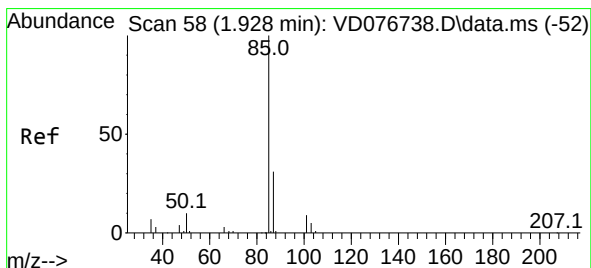
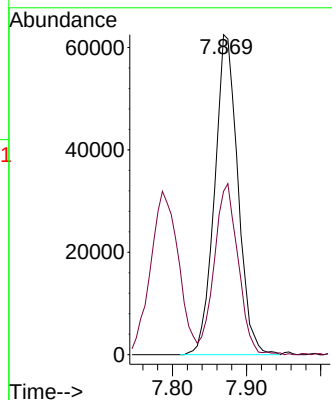
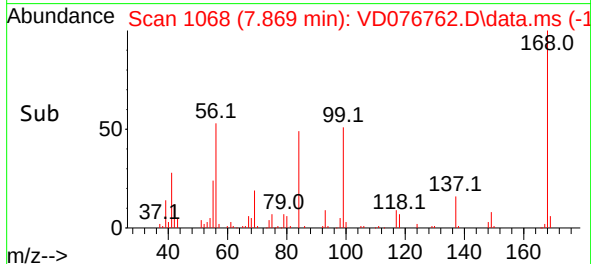
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



Tgt Ion:168 Resp: 13638
Ion Ratio Lower Upper
168 100
99 50.5 36.7 55.1

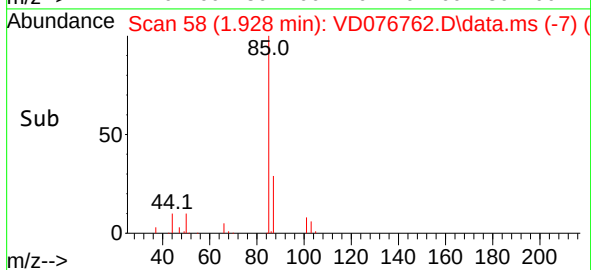
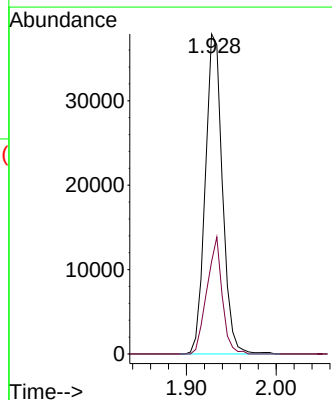
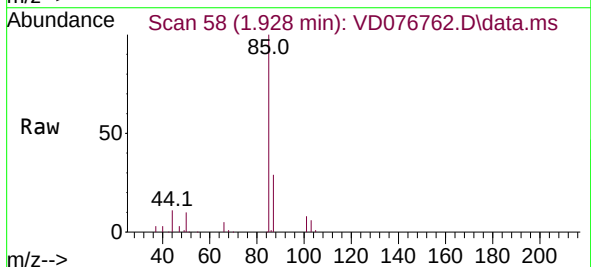
Manual Integrations
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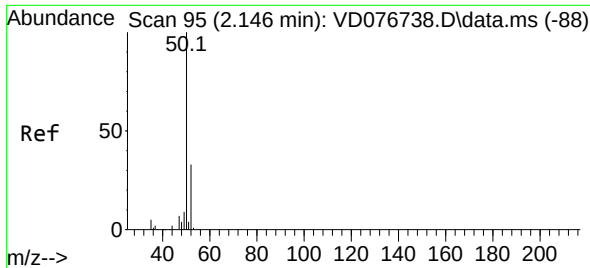
Reviewed By :John Carlone 07/18/2023
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#2
Dichlorodifluoromethane
Concen: 47.175 ug/l
RT: 1.928 min Scan# 58
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

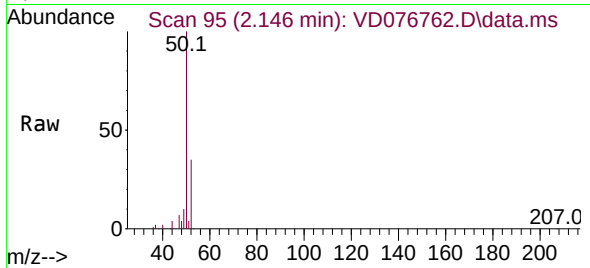
Tgt Ion: 85 Resp: 50313
Ion Ratio Lower Upper
85 100
87 28.8 15.7 47.0





#3
Chloromethane
Concen: 53.398 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

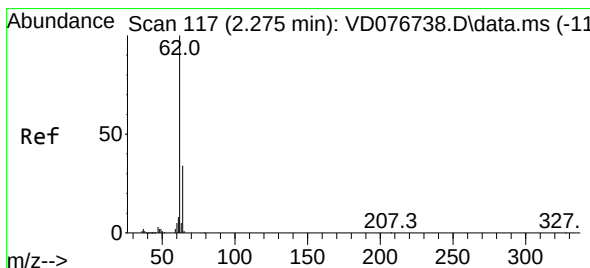
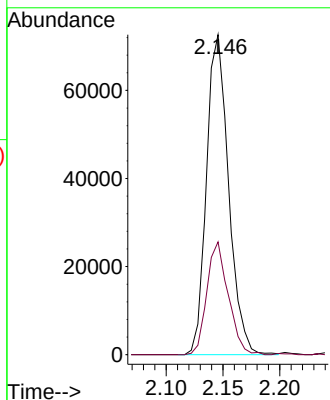
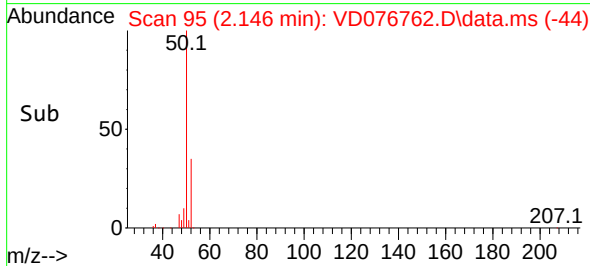
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Tgt Ion: 50 Resp: 9824
Ion Ratio Lower Upper
50 100
52 35.3 26.6 40.0

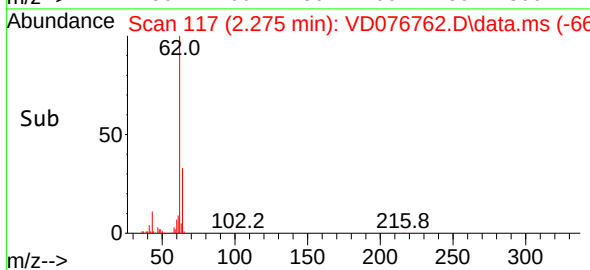
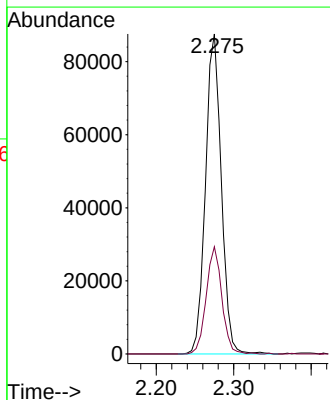
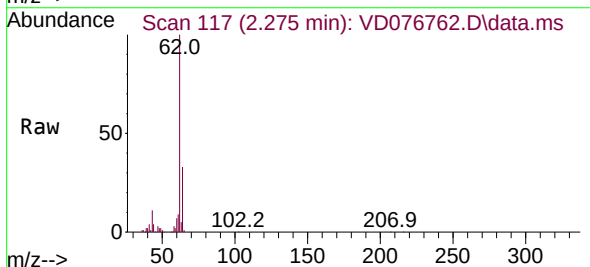
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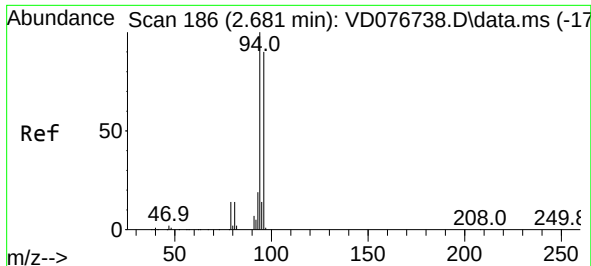
Reviewed By :John Carlone 07/18/2023
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#4
Vinyl Chloride
Concen: 50.544 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076762.D
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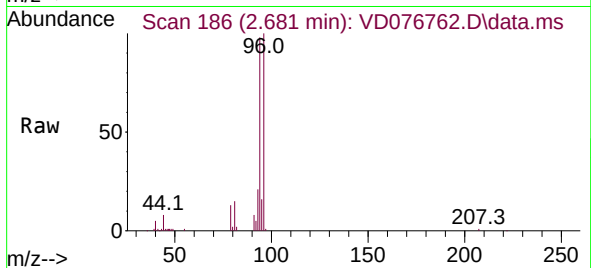
Tgt Ion: 62 Resp: 123958
Ion Ratio Lower Upper
62 100
64 33.5 26.0 39.0





#5
Bromomethane
Concen: 42.018 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076762.D
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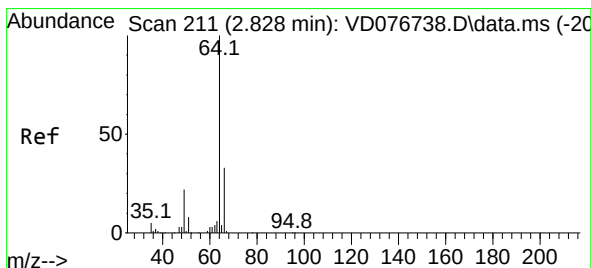
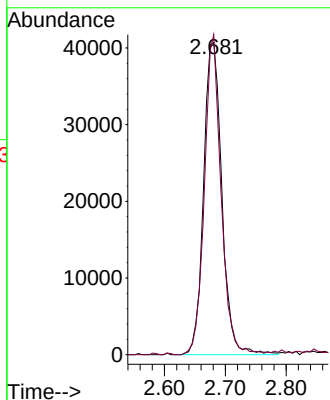
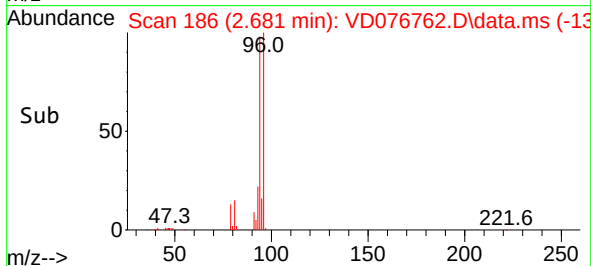
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Tgt Ion: 94 Resp: 84784
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.8

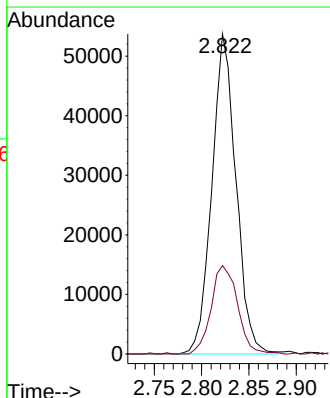
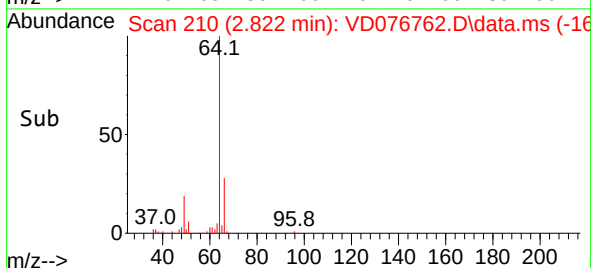
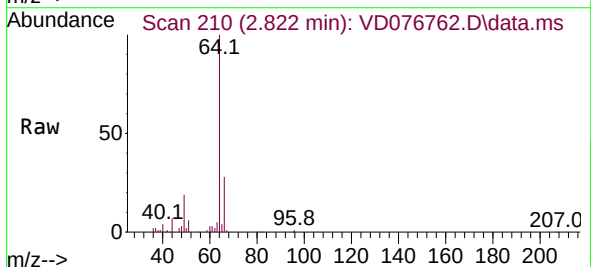
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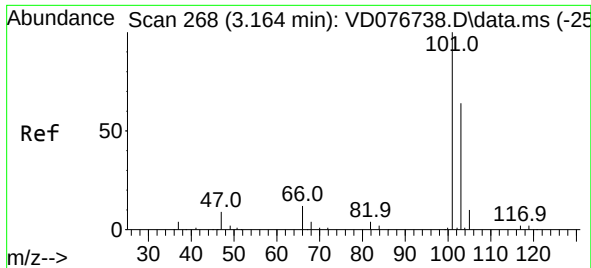
Reviewed By :John Carlone 07/18/2023
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#6
Chloroethane
Concen: 51.318 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076762.D
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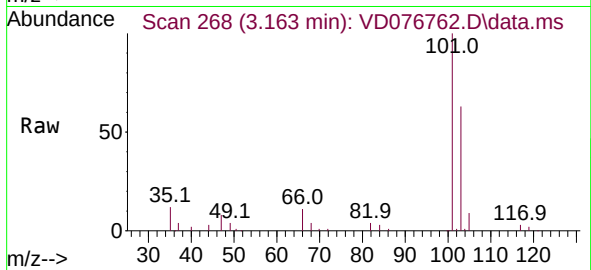
Tgt Ion: 64 Resp: 95023
Ion Ratio Lower Upper
64 100
66 27.6 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 48.141 ug/l
 RT: 3.163 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VD076762.D
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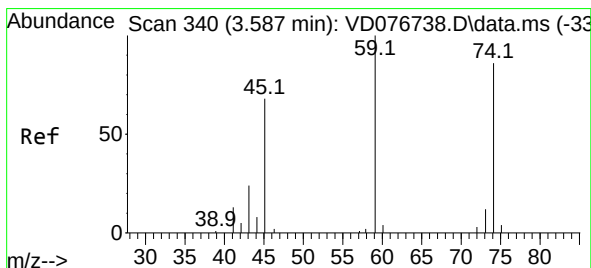
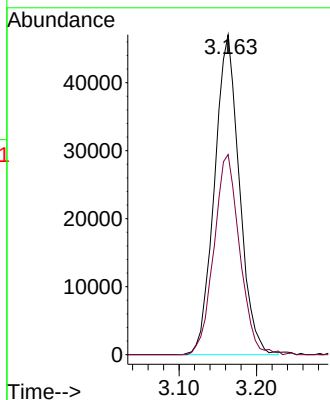
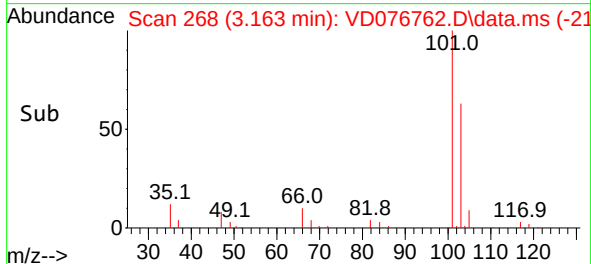
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 SB-04-(1-5)MS



Tgt Ion:101 Resp: 10505
 Ion Ratio Lower Upper
 101 100
 103 62.5 52.3 78.5

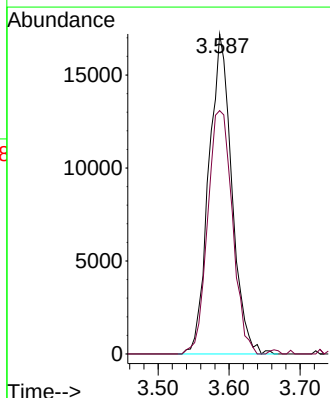
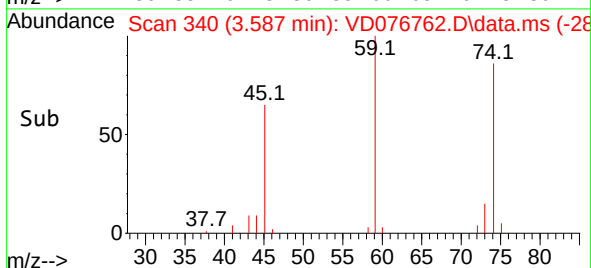
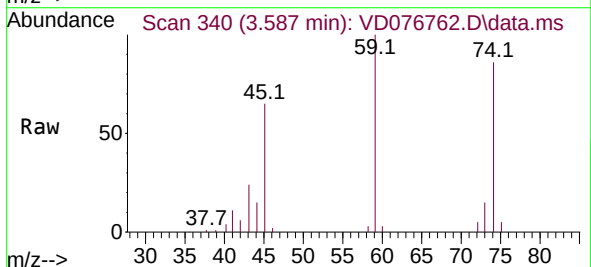
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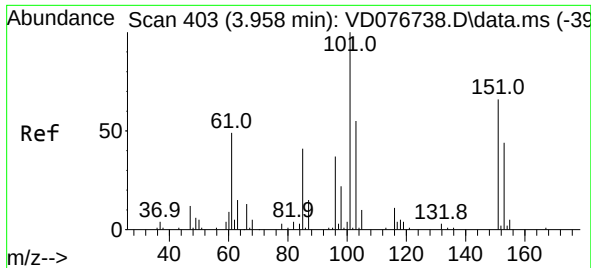
Reviewed By :John Carlone 07/18/2023
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#8
 Diethyl Ether
 Concen: 51.429 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 38640
 Ion Ratio Lower Upper
 74 100
 45 81.9 37.5 112.7





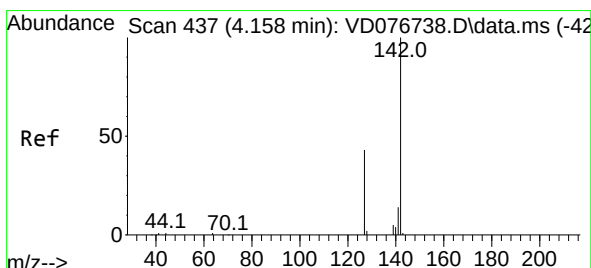
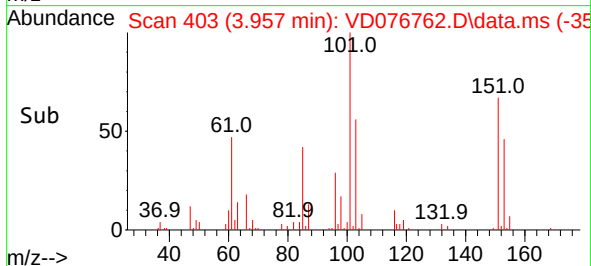
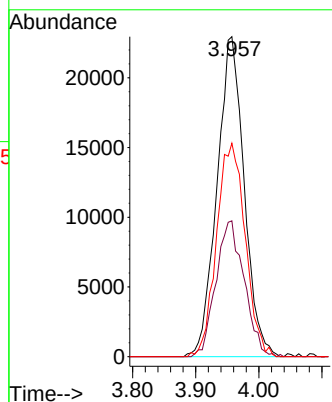
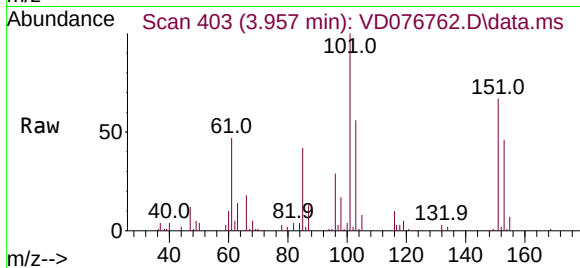
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.857 ug/l
RT: 3.957 min Scan# 403
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

Tgt Ion:101 Resp: 6864
Ion Ratio Lower Upper
101 100
85 44.2 33.8 50.6
151 70.4 59.8 89.6

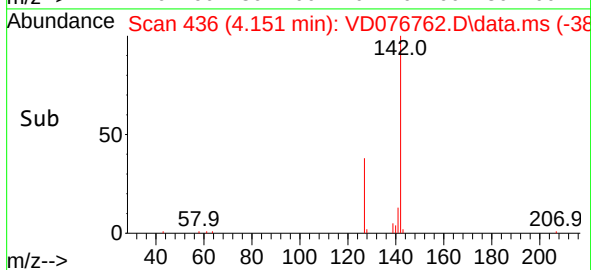
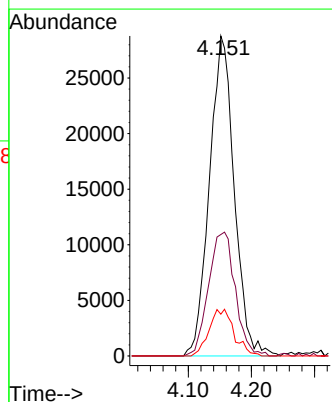
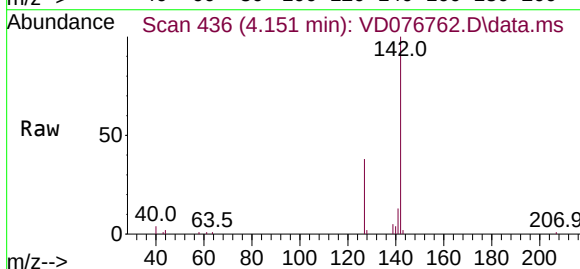
Manual Integrations
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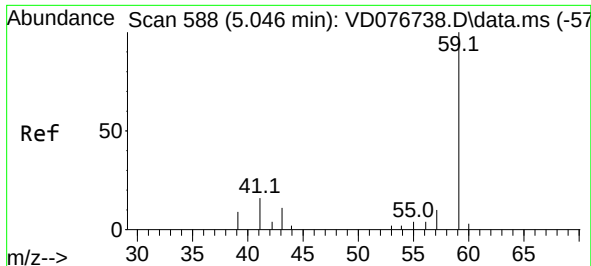
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 48.605 ug/l
RT: 4.151 min Scan# 436
Delta R.T. -0.007 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:142 Resp: 78594
Ion Ratio Lower Upper
142 100
127 41.6 29.4 44.0
141 14.7 11.1 16.7





#11

Tert butyl alcohol

Concen: 245.442 ug/l

RT: 5.057 min Scan# 588

Delta R.T. 0.011 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

Tgt Ion: 59 Resp: 24880

Ion Ratio Lower Upper

59 100

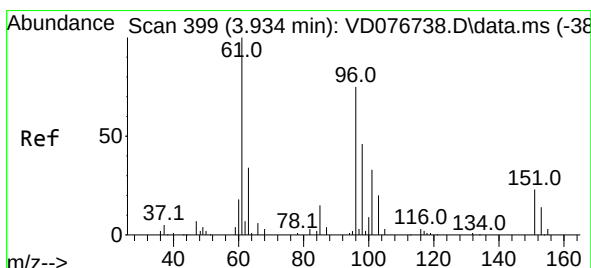
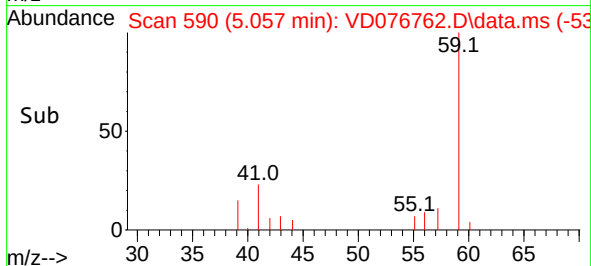
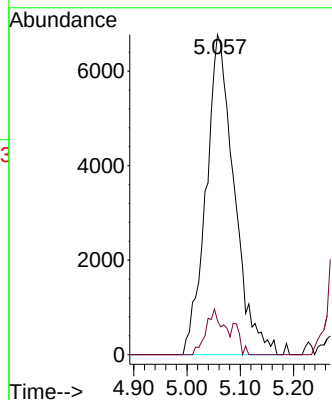
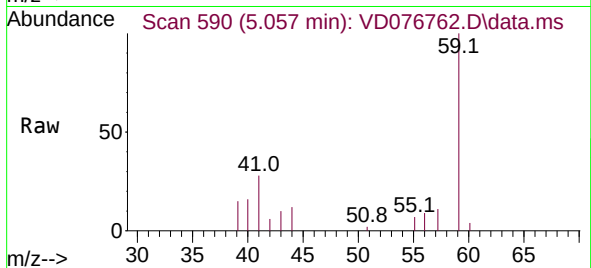
57 9.0 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#12

1,1-Dichloroethene

Concen: 48.123 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.000 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

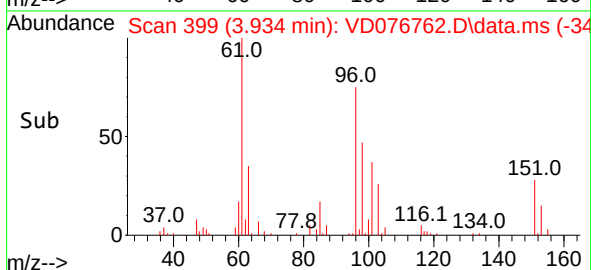
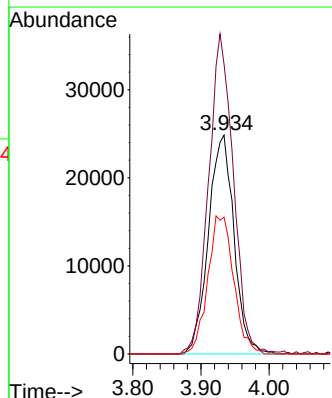
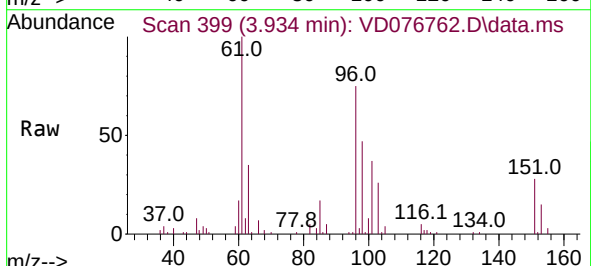
Tgt Ion: 96 Resp: 64855

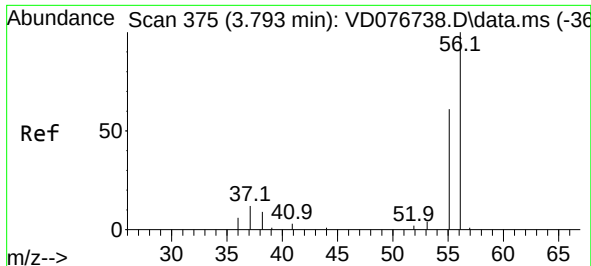
Ion Ratio Lower Upper

96 100

61 132.5 100.6 150.8

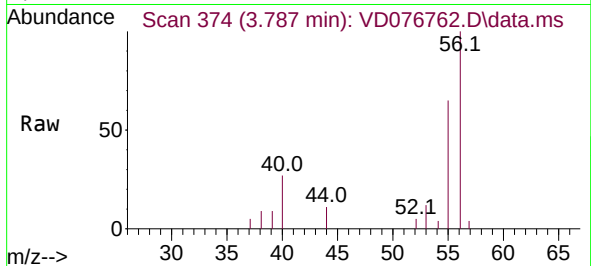
98 62.6 50.2 75.2





#13
Acrolein
Concen: 187.872 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

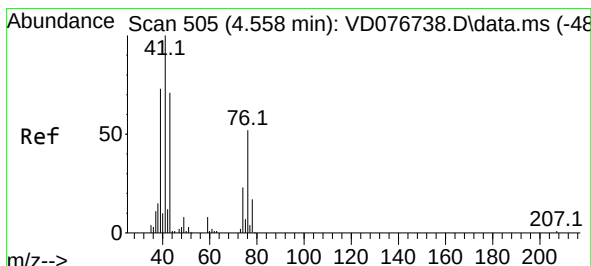
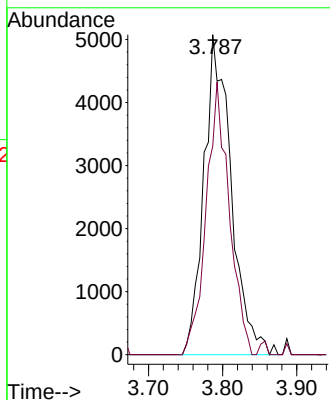
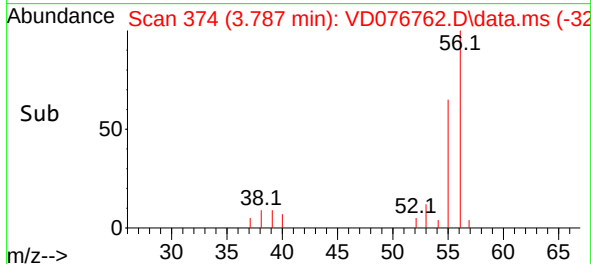
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



Tgt Ion: 56 Resp: 12978
Ion Ratio Lower Upper
56 100
55 72.0 55.1 82.7

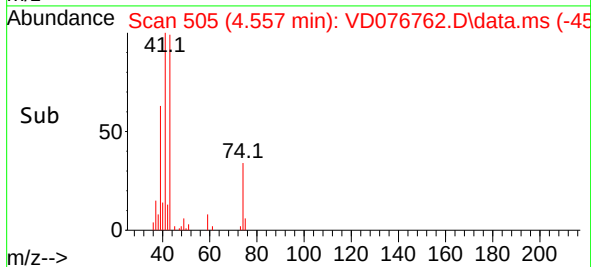
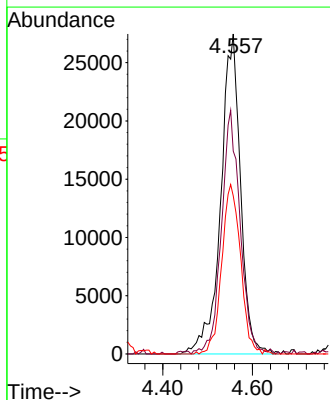
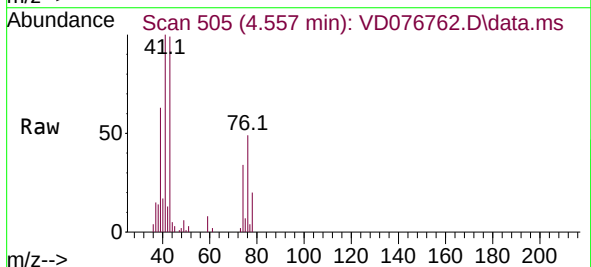
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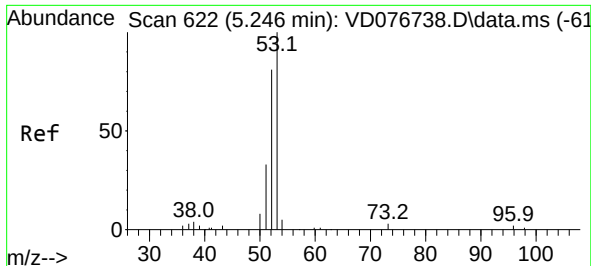
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#14
Allyl chloride
Concen: 47.704 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 41 Resp: 84456
Ion Ratio Lower Upper
41 100
39 71.7 53.8 80.6
76 50.1 45.8 68.8





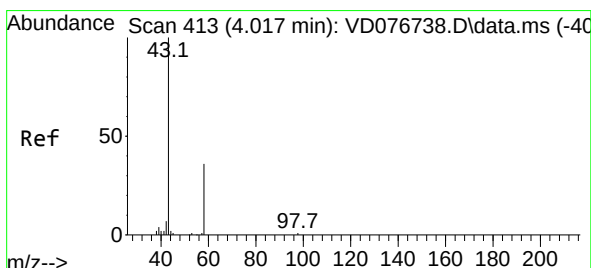
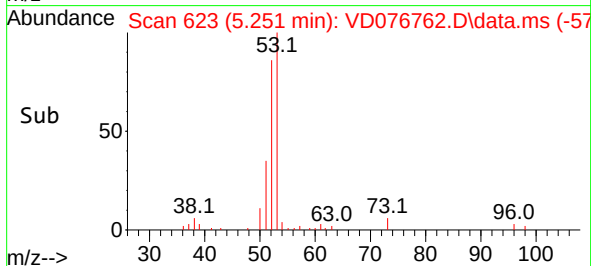
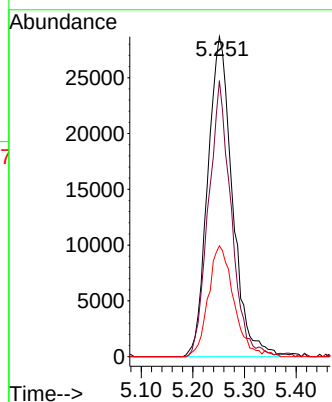
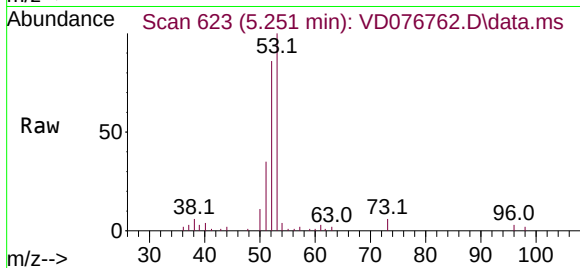
#15
Acrylonitrile
Concen: 257.996 ug/l
RT: 5.251 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

Tgt Ion: 53 Resp: 9520
Ion Ratio Lower Upper
53 100
52 79.1 65.0 97.4
51 35.3 28.3 42.5

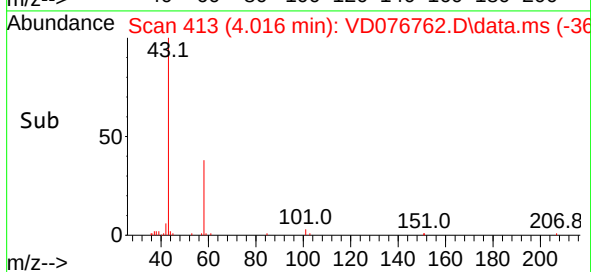
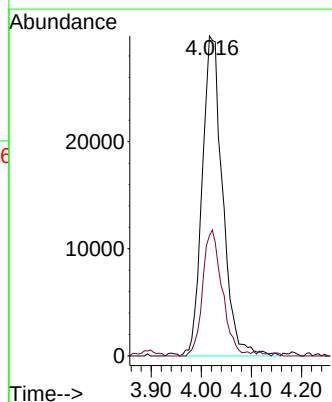
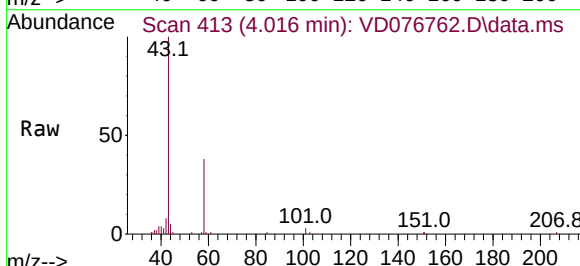
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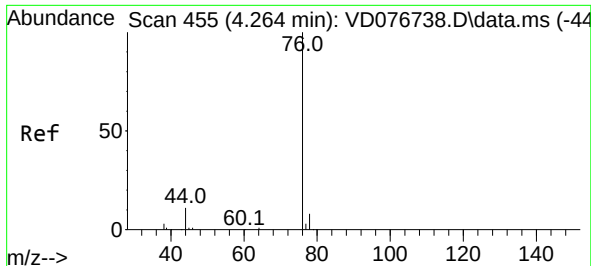
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 260.560 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

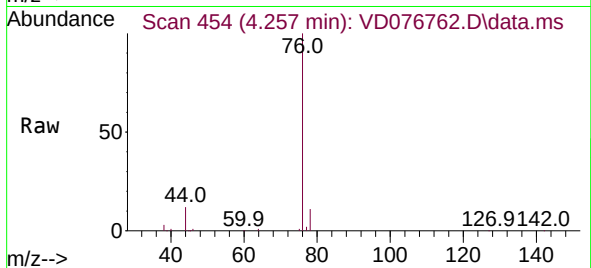
Tgt Ion: 43 Resp: 84532
Ion Ratio Lower Upper
43 100
58 37.6 34.7 52.1





#17
Carbon Disulfide
Concen: 48.742 ug/l
RT: 4.257 min Scan# 41
Delta R.T. -0.007 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

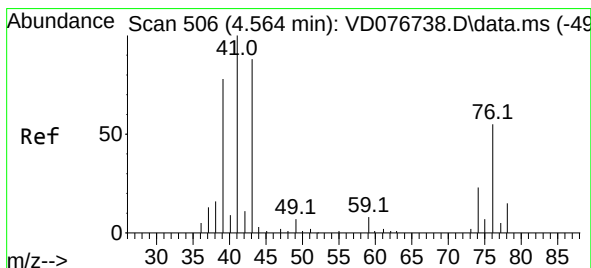
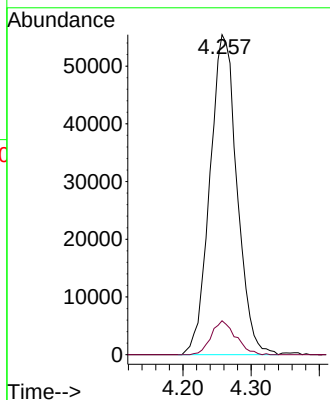
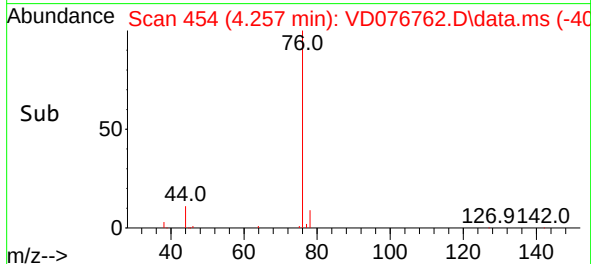
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



Tgt Ion: 76 Resp: 153425
Ion Ratio Lower Upper
76 100
78 10.6 6.8 10.2

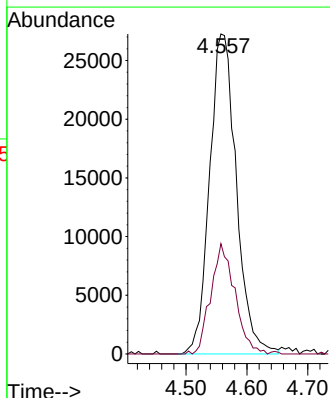
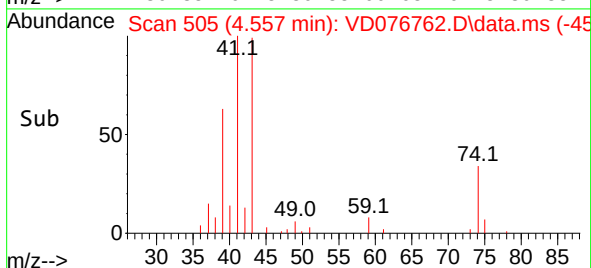
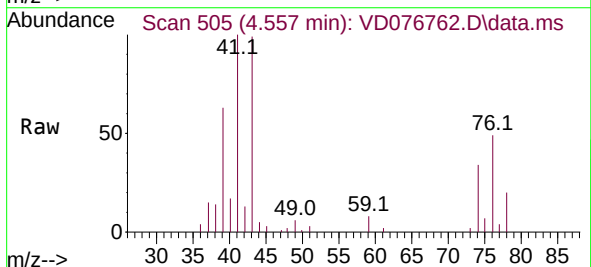
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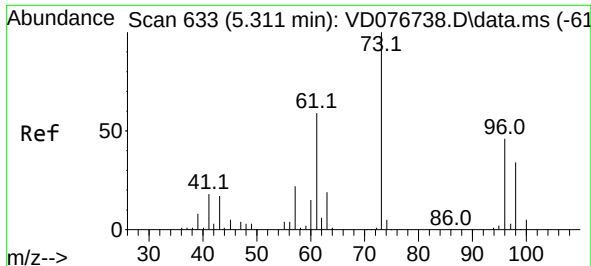
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#18
Methyl Acetate
Concen: 68.134 ug/l
RT: 4.557 min Scan# 505
Delta R.T. -0.007 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 43 Resp: 83048
Ion Ratio Lower Upper
43 100
74 31.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 51.302 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

Tgt Ion: 73 Resp: 185410

Ion Ratio Lower Upper

73 100

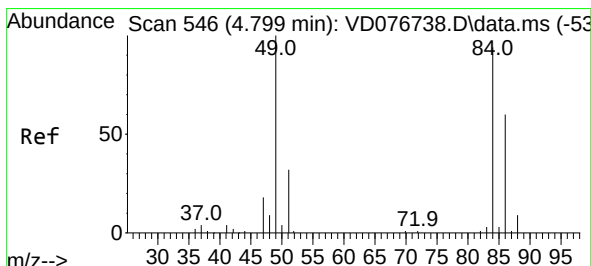
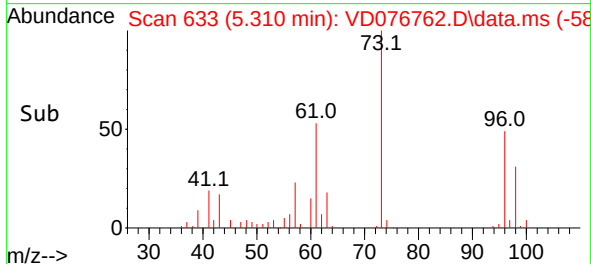
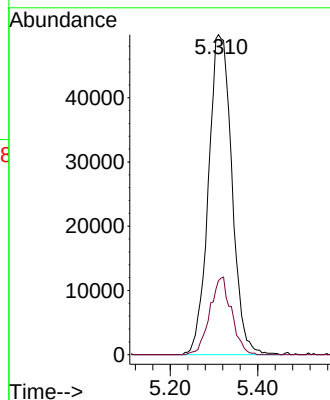
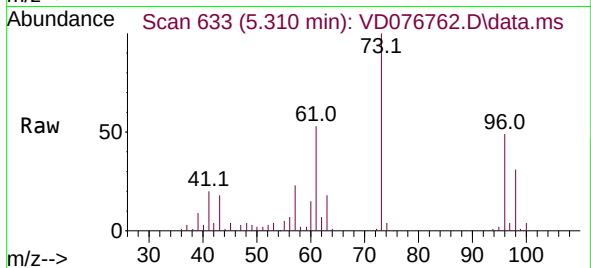
57 23.1 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#20

Methylene Chloride

Concen: 61.222 ug/l

RT: 4.798 min Scan# 546

Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Tgt Ion: 84 Resp: 113804

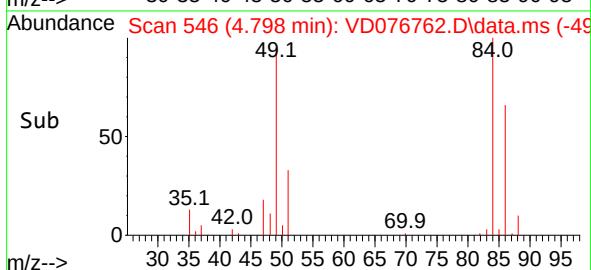
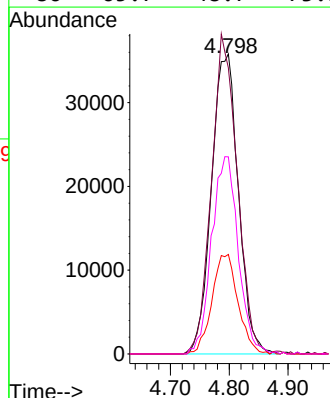
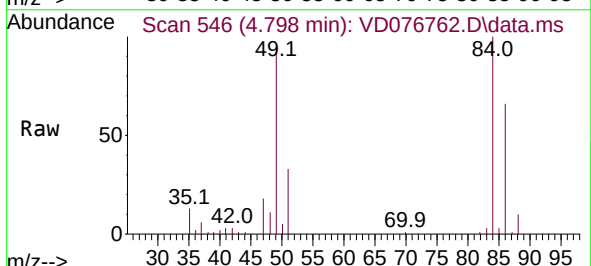
Ion Ratio Lower Upper

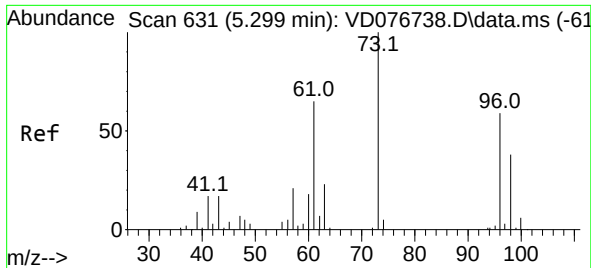
84 100

49 95.4 71.4 107.2

51 33.2 24.5 36.7

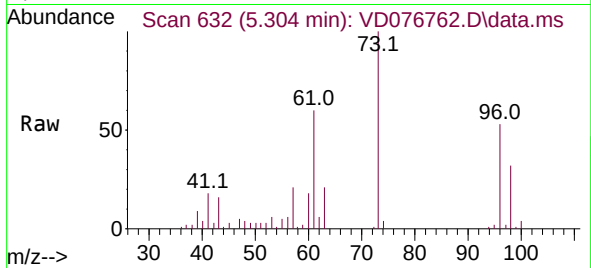
86 65.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 50.035 ug/l
RT: 5.304 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

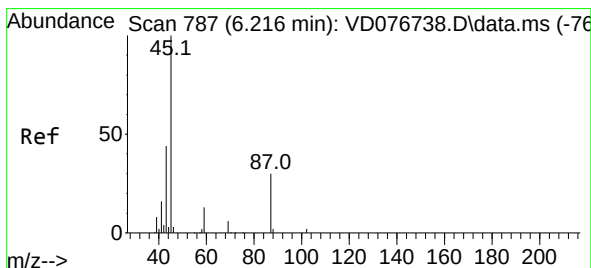
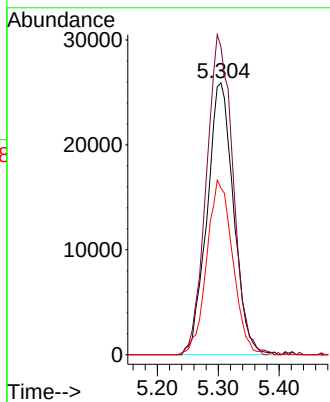
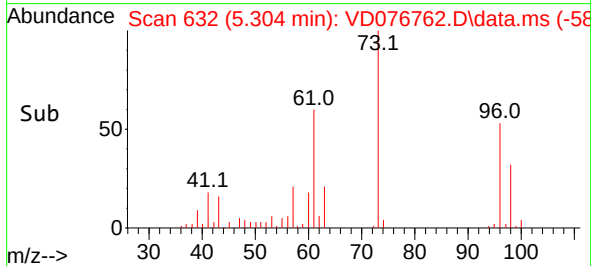
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



Tgt Ion: 96 Resp: 7838
Ion Ratio Lower Upper
96 100
61 113.3 89.3 133.9
98 61.3 48.6 73.0

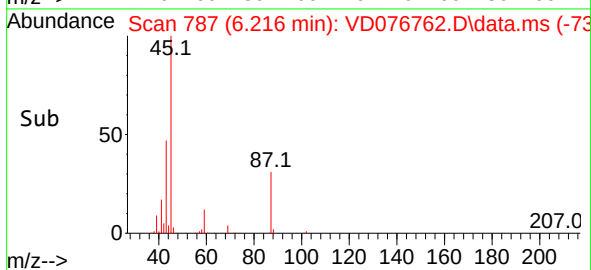
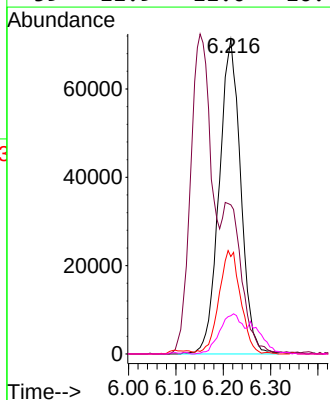
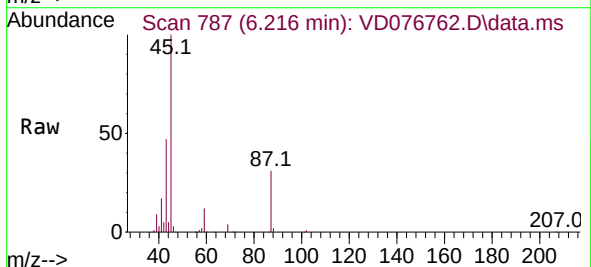
Manual Integrations
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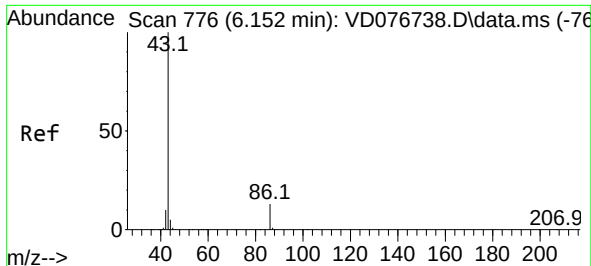
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#22
Diisopropyl ether
Concen: 53.726 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

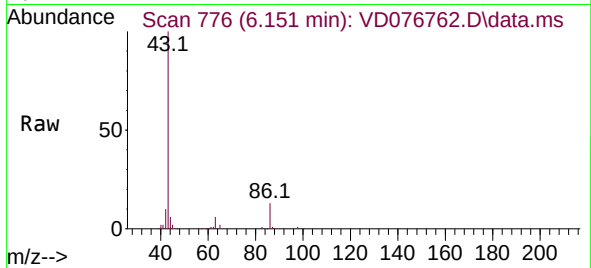
Tgt Ion: 45 Resp: 225237
Ion Ratio Lower Upper
45 100
43 46.9 40.0 60.0
87 31.0 28.2 42.4
59 11.9 11.0 16.4





#23
 Vinyl Acetate
 Concen: 157.910 ug/l m
 RT: 6.151 min Scan# 776
 Delta R.T. -0.001 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

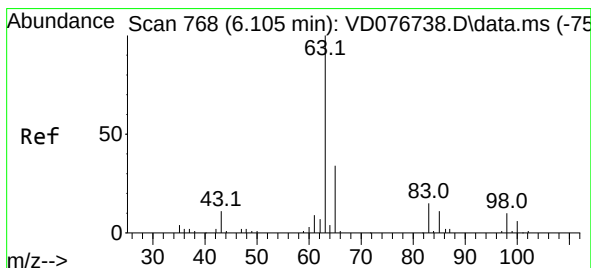
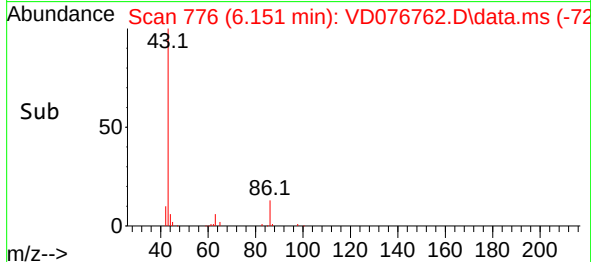
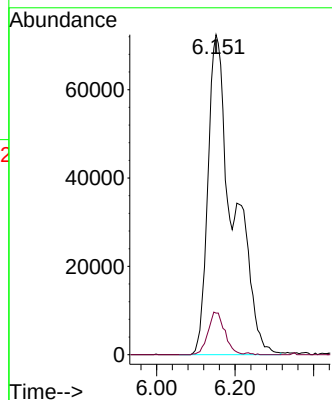
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MS



Tgt Ion: 43 Resp: 327552
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7

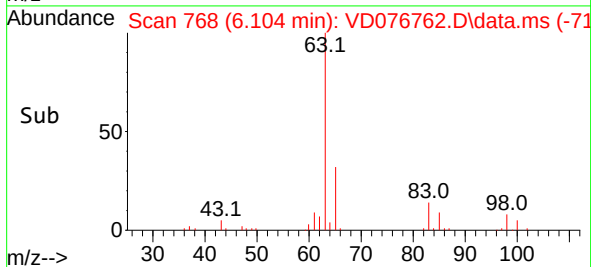
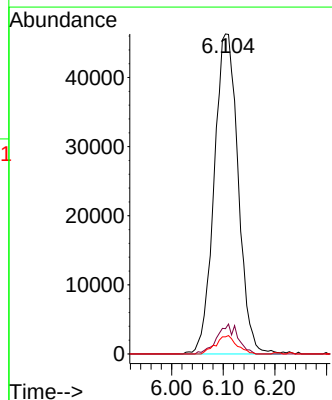
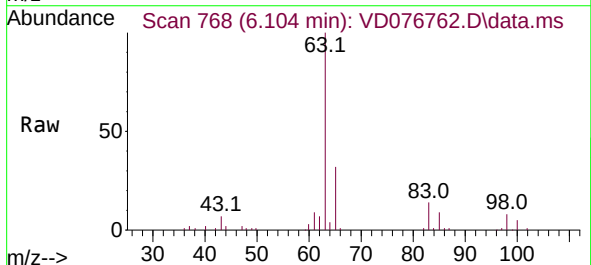
Manual Integrations
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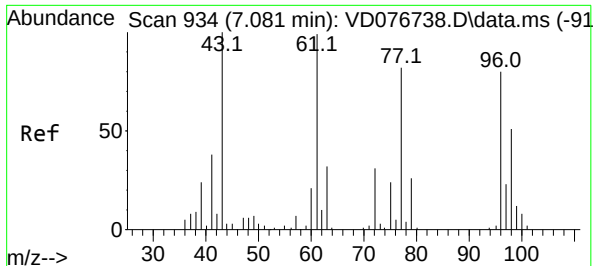
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#24
 1,1-Dichloroethane
 Concen: 52.807 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.001 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

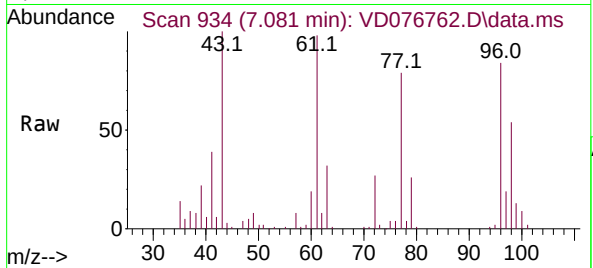
Tgt Ion: 63 Resp: 149263
 Ion Ratio Lower Upper
 63 100
 98 7.9 4.5 13.7
 100 5.4 2.5 7.5





#25
2-Butanone
Concen: 262.810 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

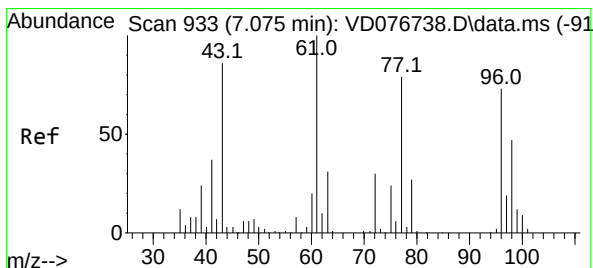
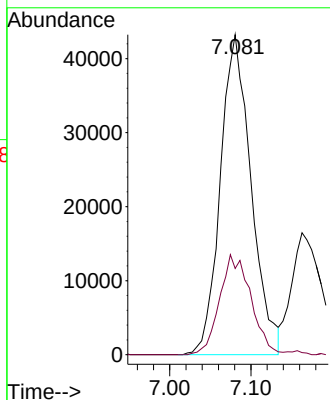
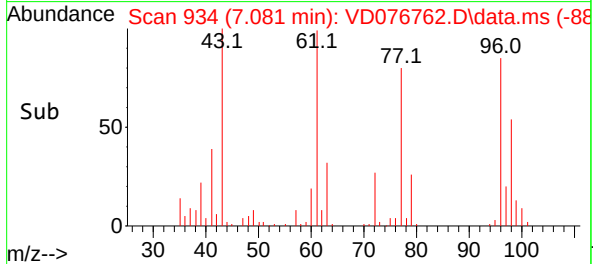
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



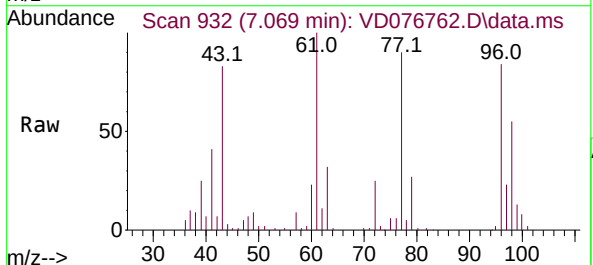
Tgt Ion: 43 Resp: 114110
Ion Ratio Lower Upper
43 100
72 27.0 30.7 46.1

Manual Integrations
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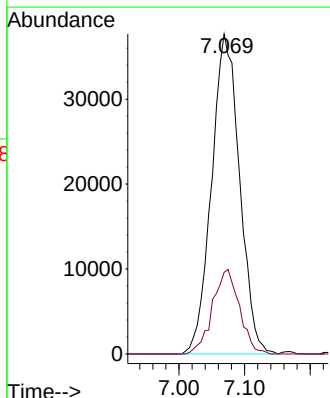
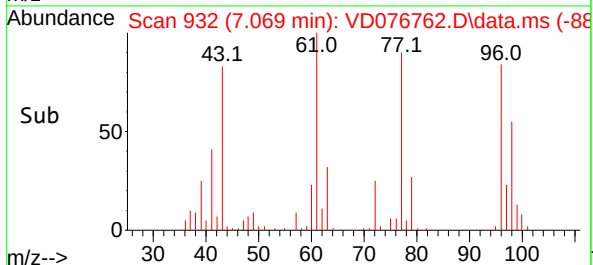
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

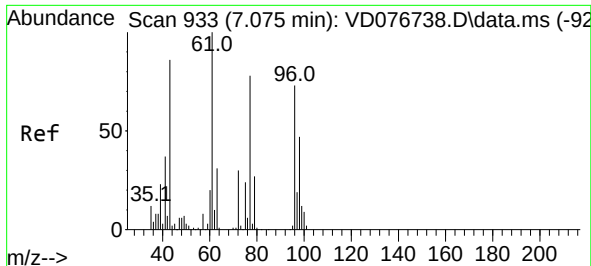


#26
2,2-Dichloropropane
Concen: 45.863 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48



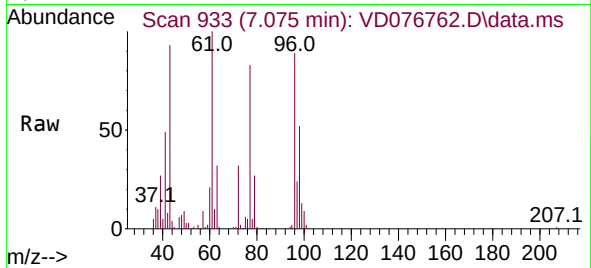
Tgt Ion: 77 Resp: 111750
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.652 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

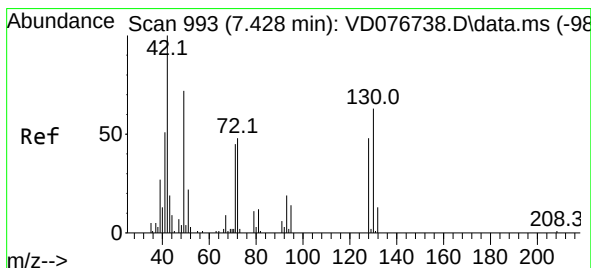
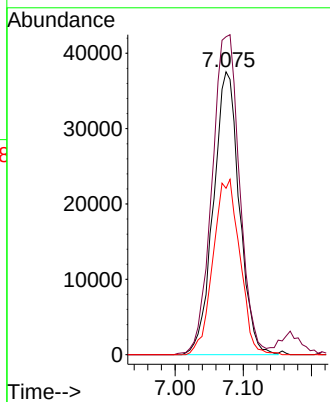
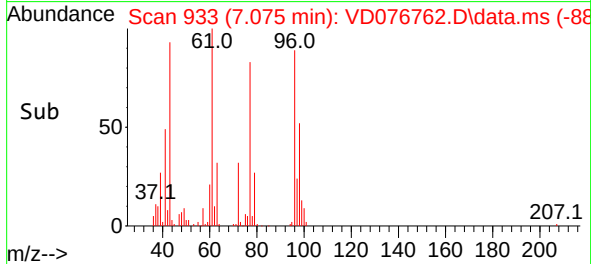
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MS



Tgt Ion: 96 Resp: 99749
 Ion Ratio Lower Upper
 96 100
 61 119.9 0.0 239.2
 98 63.9 0.0 128.6

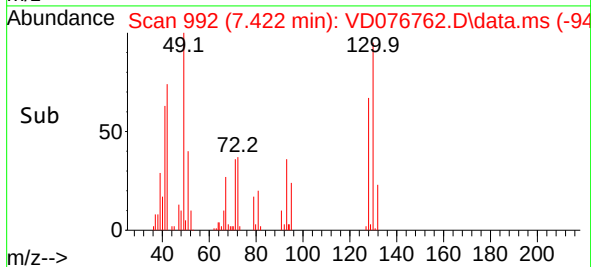
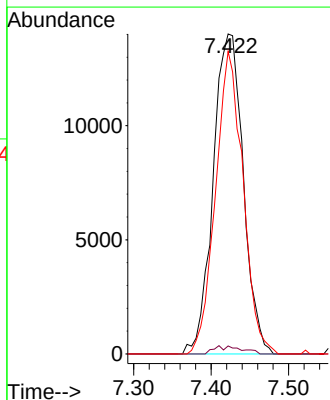
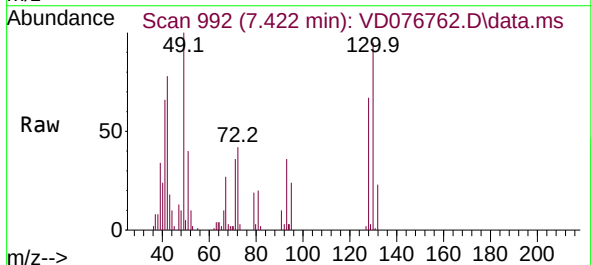
Manual Integrations
 APPROVED

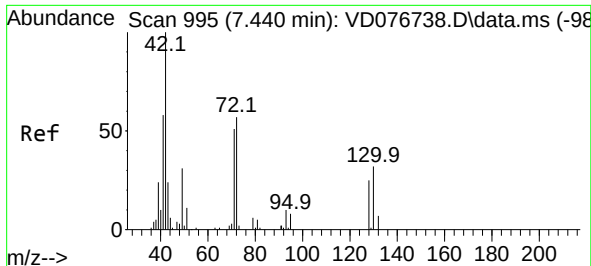
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#28
 Bromochloromethane
 Concen: 53.570 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

Tgt Ion: 49 Resp: 37857
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 6.0
 130 86.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 262.757 ug/l

RT: 7.445 min Scan# 995

Delta R.T. 0.005 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

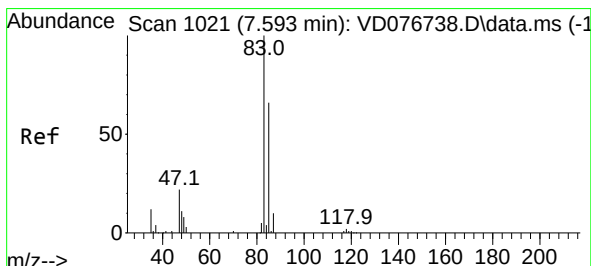
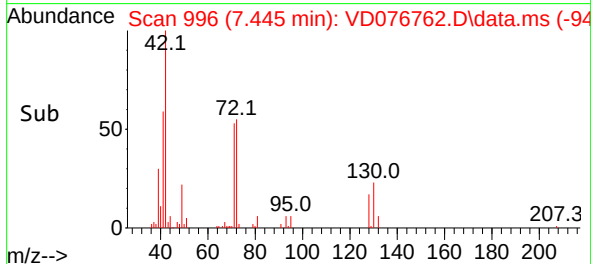
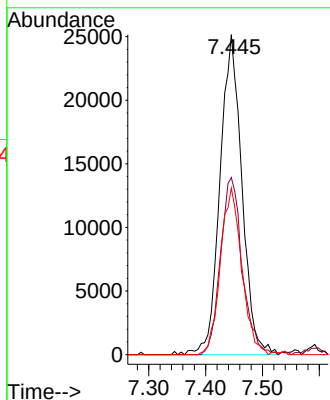
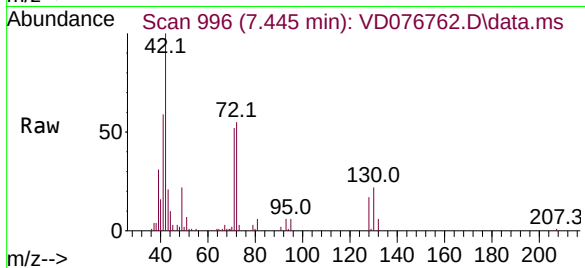
Tgt Ion:	42	Resp:	6740
Ion Ratio	Lower	Upper	
42	100		
72	54.8	46.5	69.7
71	50.7	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 52.923 ug/l

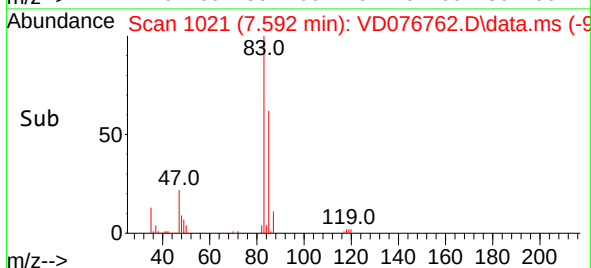
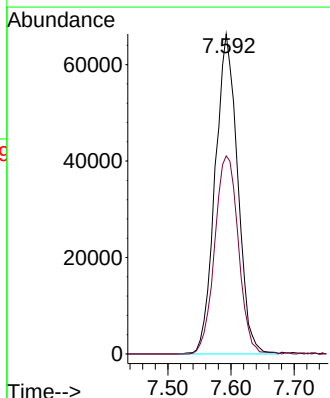
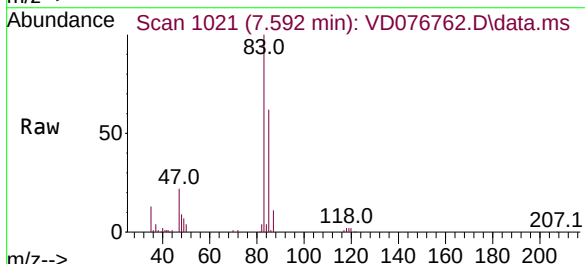
RT: 7.592 min Scan# 1021

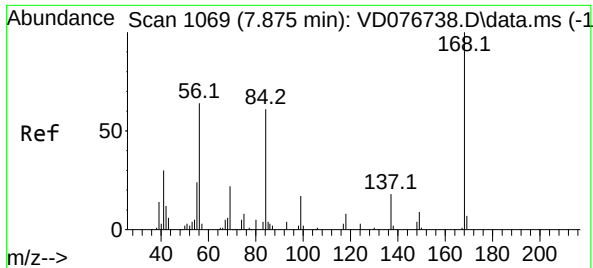
Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

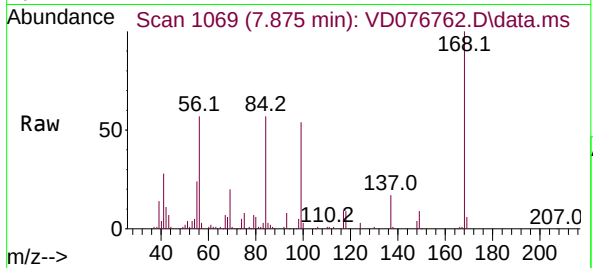
Tgt Ion:	83	Resp:	163843
Ion Ratio	Lower	Upper	
83	100		
85	61.9	53.4	80.2





#31
Cyclohexane
Concen: 44.995 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

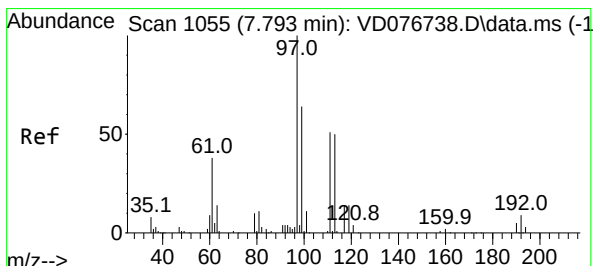
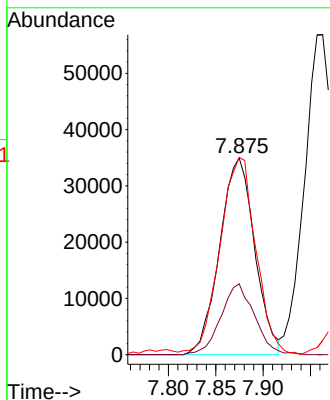
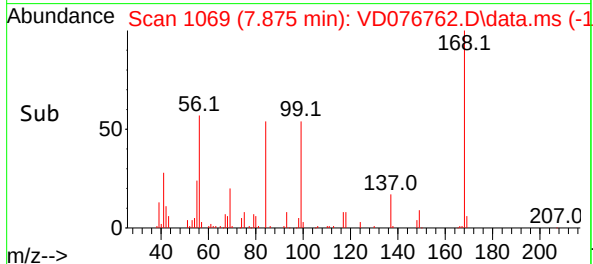
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



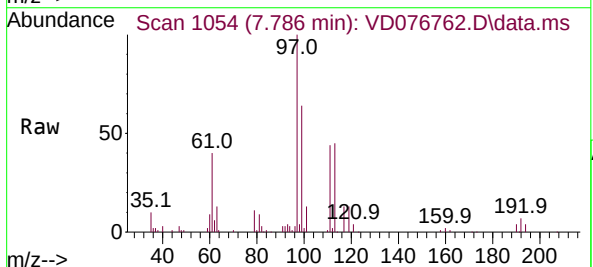
Tgt Ion: 56 Resp: 89954
Ion Ratio Lower Upper
56 100
69 36.0 28.6 43.0
84 99.0 84.8 127.2

Manual Integrations
APPROVED

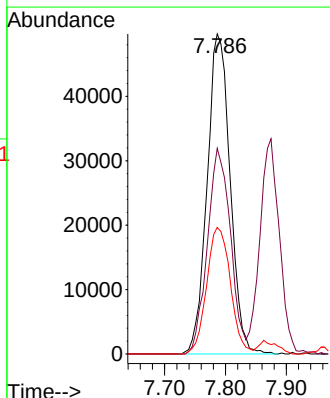
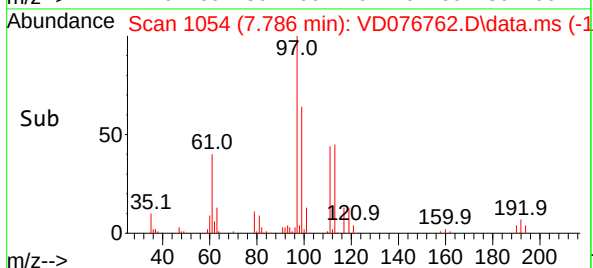
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

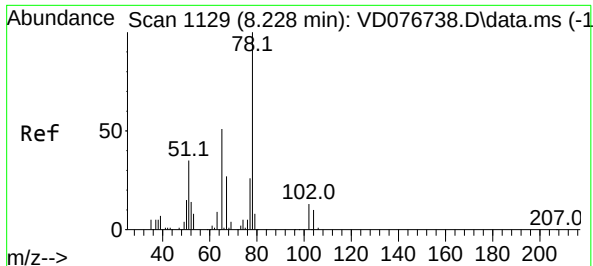


#32
1,1,1-Trichloroethane
Concen: 52.185 ug/l
RT: 7.786 min Scan# 1054
Delta R.T. -0.007 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48



Tgt Ion: 97 Resp: 130350
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 40.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 56.739 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

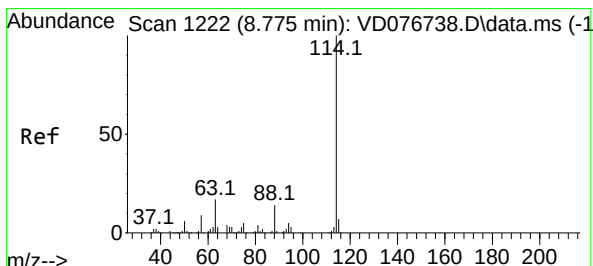
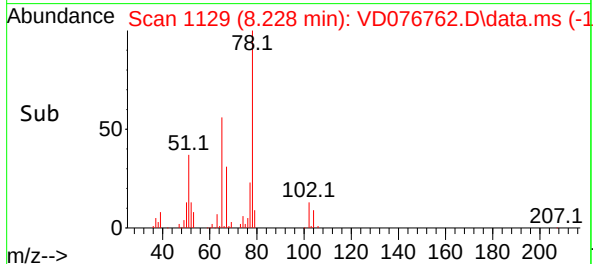
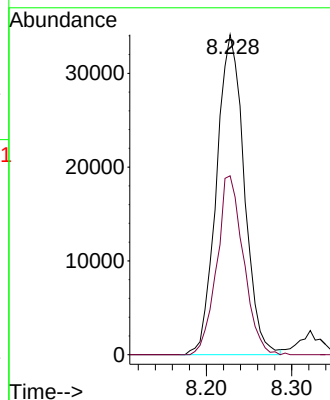
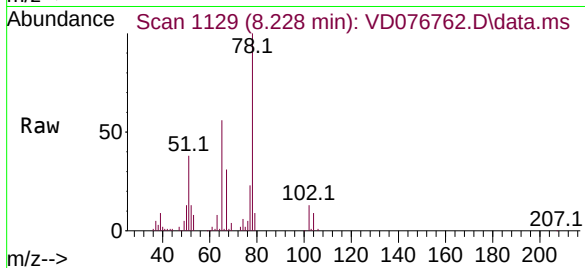
Tgt Ion: 65 Resp: 7707
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

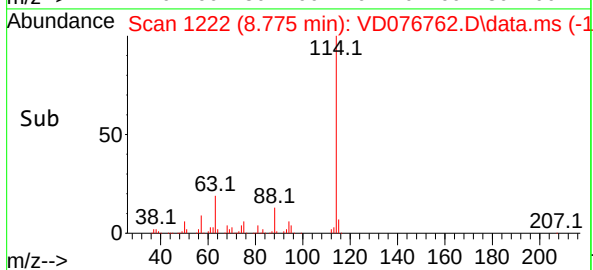
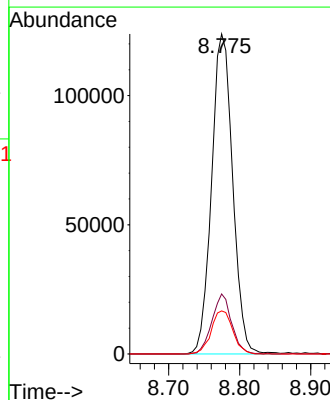
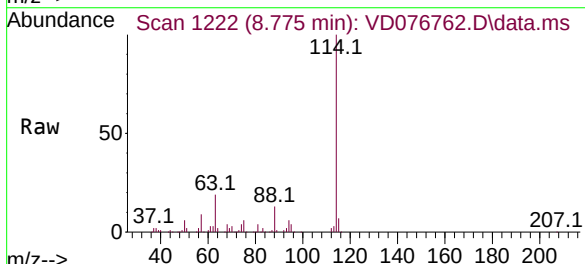
RT: 8.775 min Scan# 1222

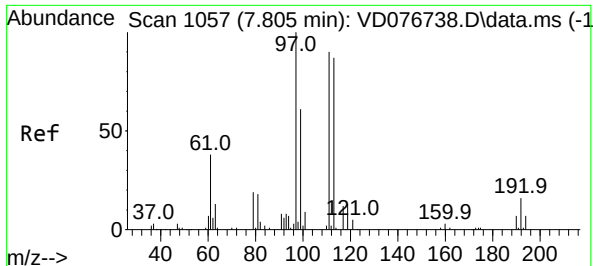
Delta R.T. -0.000 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Tgt Ion:114 Resp: 255118
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 33.4
 88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 54.737 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.007 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

Tgt Ion: 113 Resp: 8775

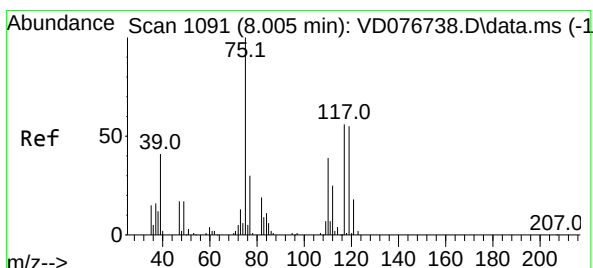
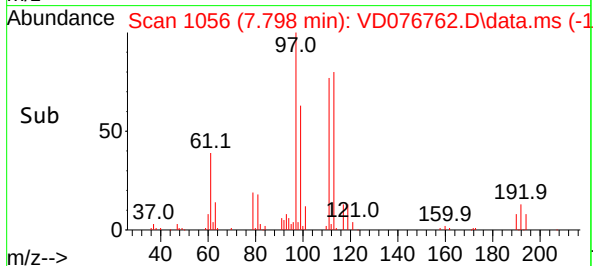
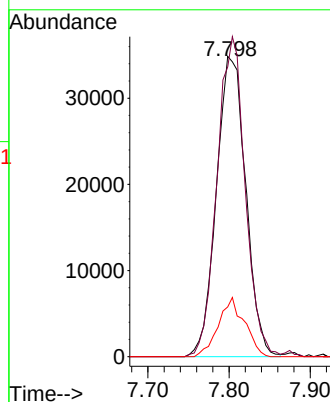
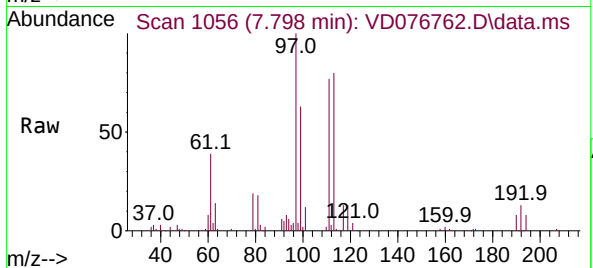
Ion	Ratio	Lower	Upper
113	100		
111	101.7	84.7	127.1
192	17.6	16.8	25.2

Manual Integrations

APPROVED

Reviewed By : John Carlone 07/18/2023

Supervised By : Mahesh Dadoda 07/18/2023



#36

1,1-Dichloropropene

Concen: 48.765 ug/l

RT: 8.004 min Scan# 1091

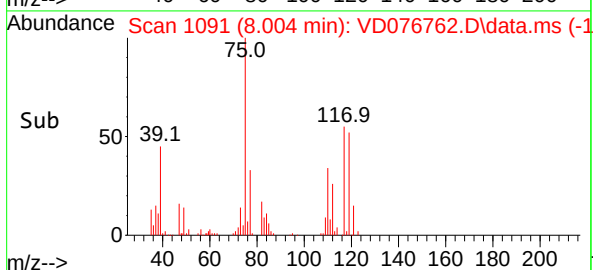
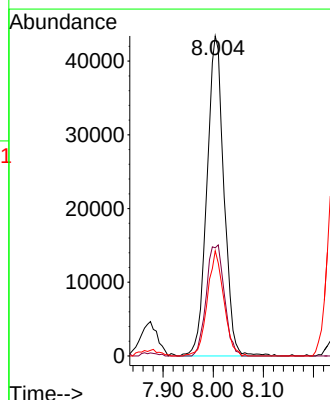
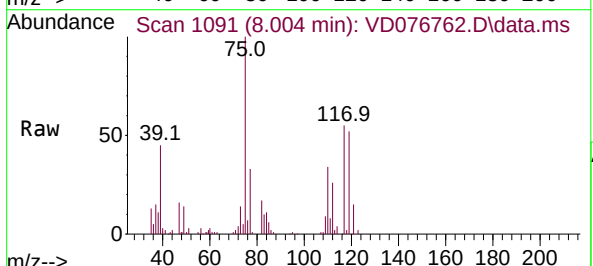
Delta R.T. -0.001 min

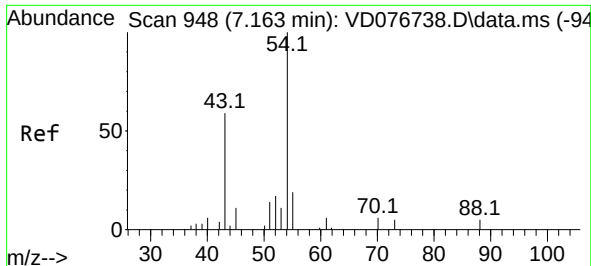
Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Tgt Ion: 75 Resp: 102159

Ion	Ratio	Lower	Upper
75	100		
110	36.9	19.9	59.6
77	31.7	24.7	37.1





#37

Ethyl Acetate

Concen: 45.863 ug/l

RT: 7.163 min Scan# 948

Delta R.T. -0.000 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

Tgt Ion: 43 Resp: 42968

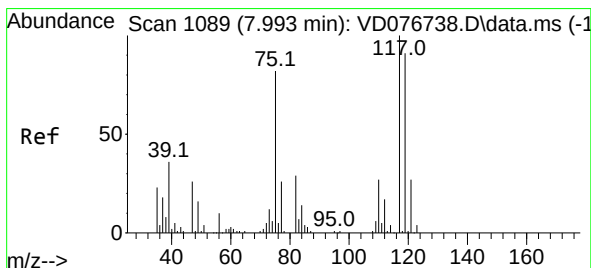
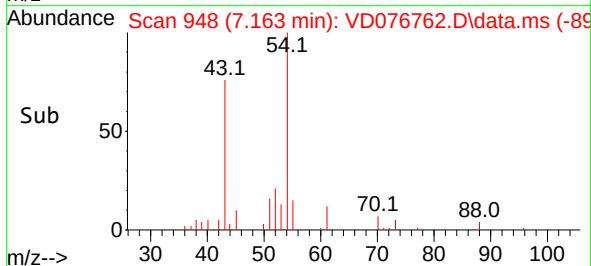
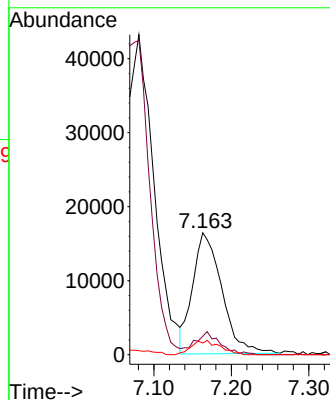
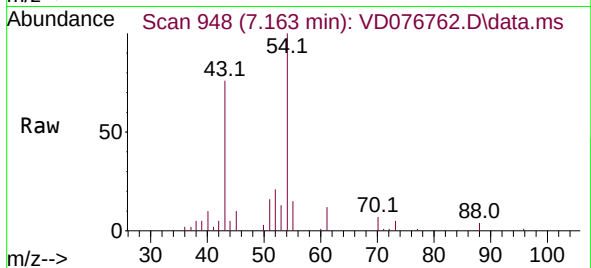
Ion	Ratio	Lower	Upper
43	100		
61	16.5	14.9	22.3
70	11.3	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#38

Carbon Tetrachloride

Concen: 49.239 ug/l

RT: 7.986 min Scan# 1088

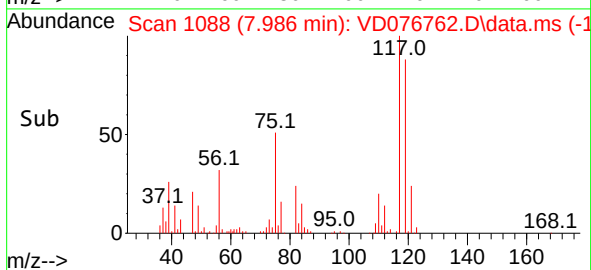
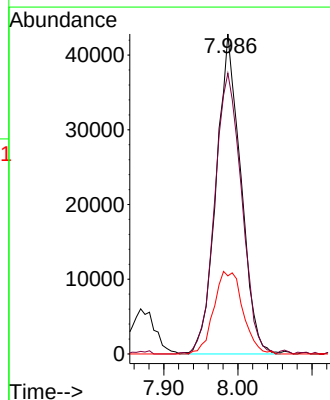
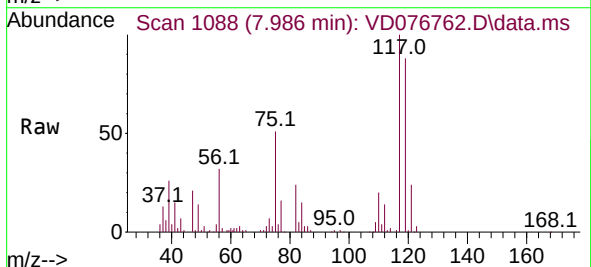
Delta R.T. -0.007 min

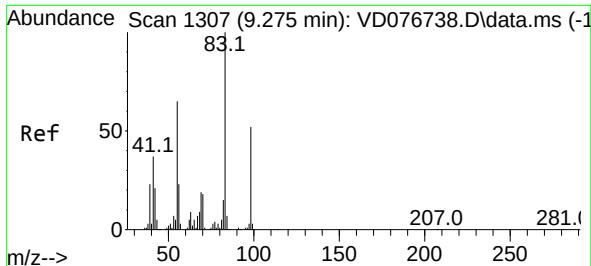
Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Tgt Ion:117 Resp: 98769

Ion	Ratio	Lower	Upper
117	100		
119	87.3	78.0	117.0
121	24.4	24.2	36.2





#39

Methylcyclohexane

Concen: 46.686 ug/l

RT: 9.275 min Scan# 112929

Delta R.T. -0.000 min

Lab File: VD076762.D

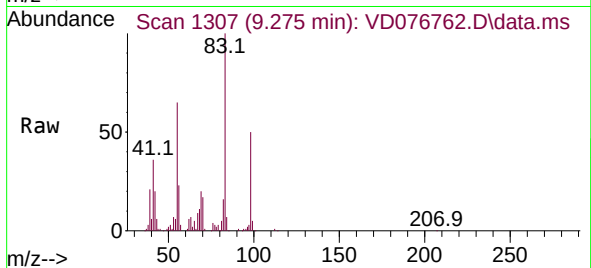
Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS



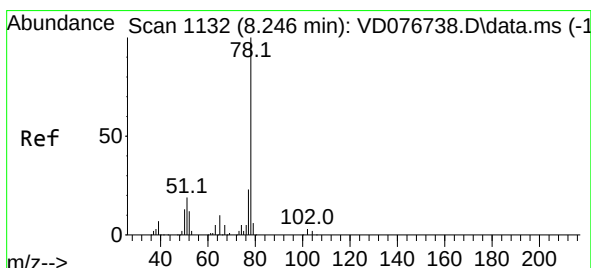
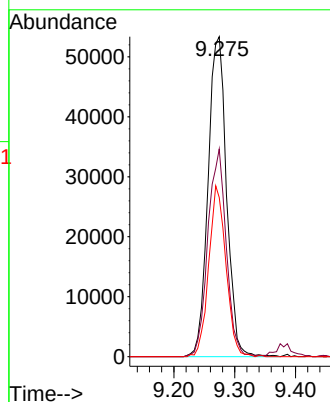
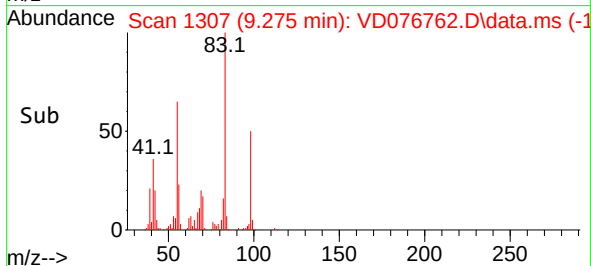
Tgt Ion:	83	Resp:	112929
Ion	Ratio	Lower	Upper
83	100		
55	64.9	49.4	74.0
98	49.8	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#40

Benzene

Concen: 50.759 ug/l

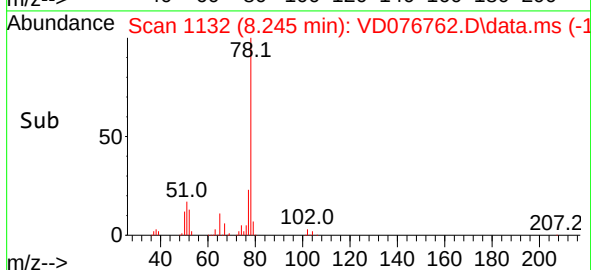
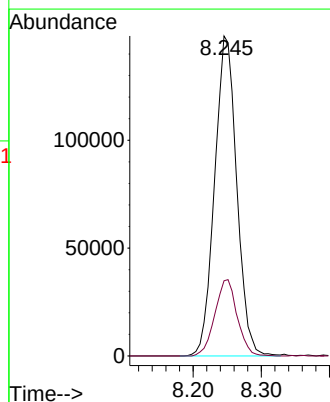
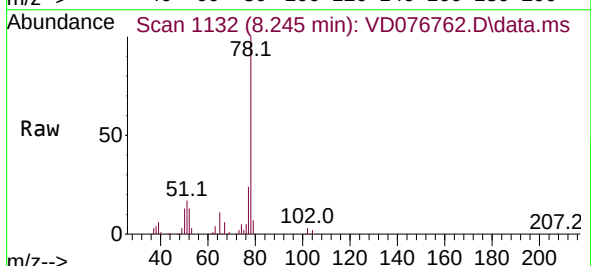
RT: 8.245 min Scan# 1132

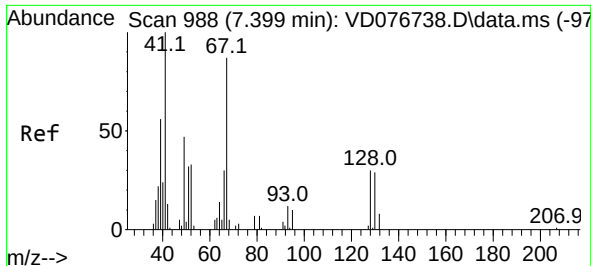
Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

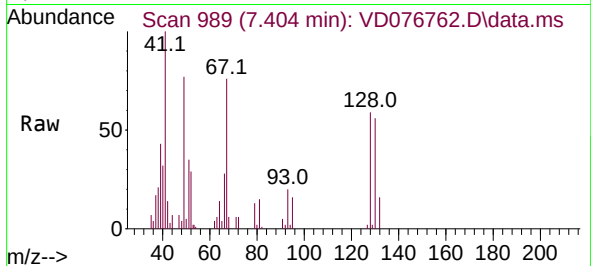
Tgt Ion:	78	Resp:	335519
Ion	Ratio	Lower	Upper
78	100		
77	23.5	19.4	29.0





#41
Methacrylonitrile
Concen: 47.465 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

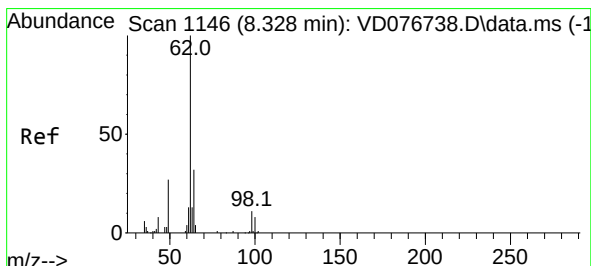
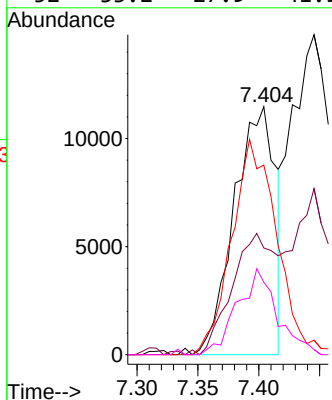
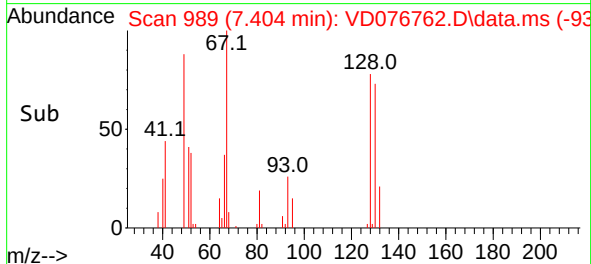
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



Tgt Ion: 41 Resp: 2715
Ion Ratio Lower Upper
41 100
39 51.4 34.0 51.0
67 94.2 77.0 115.4
52 33.2 27.9 41.9

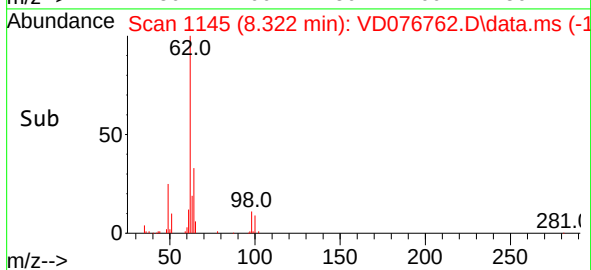
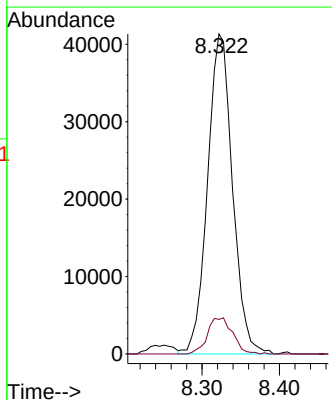
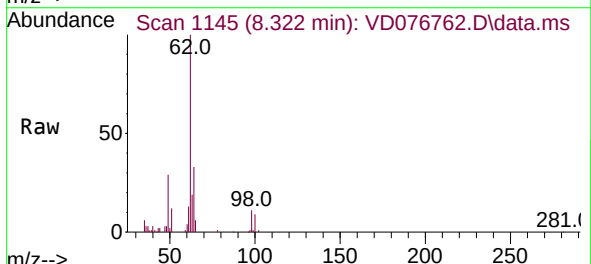
Manual Integrations
APPROVED

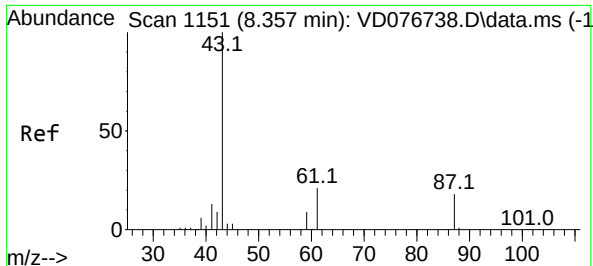
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 53.868 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

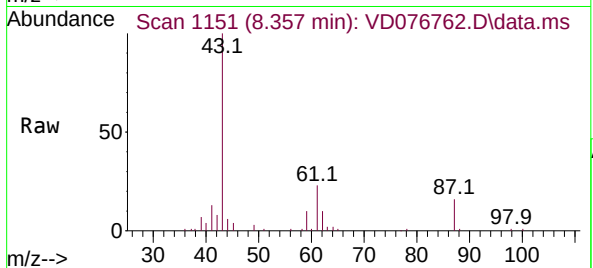
Tgt Ion: 62 Resp: 92516
Ion Ratio Lower Upper
62 100
98 11.5 0.0 25.4





#43
Isopropyl Acetate
Concen: 47.074 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

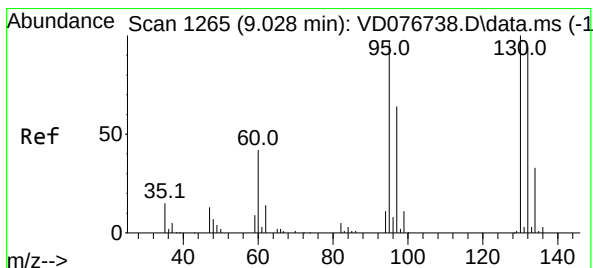
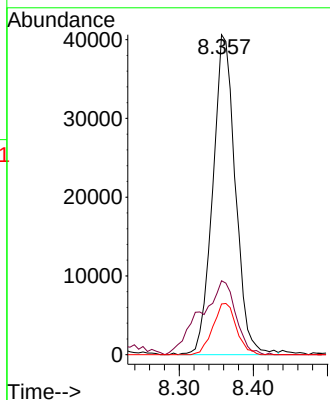
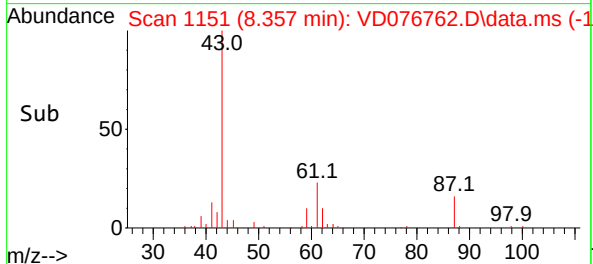
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



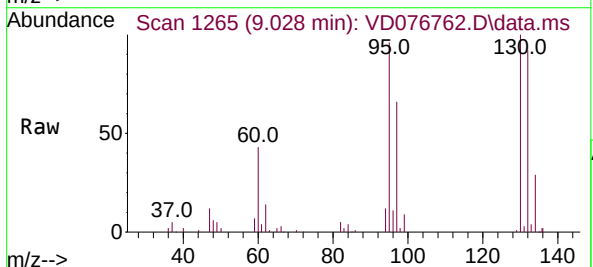
Tgt Ion: 43 Resp: 86070
Ion Ratio Lower Upper
43 100
61 36.1 31.4 47.0
87 16.6 14.9 22.3

Manual Integrations
APPROVED

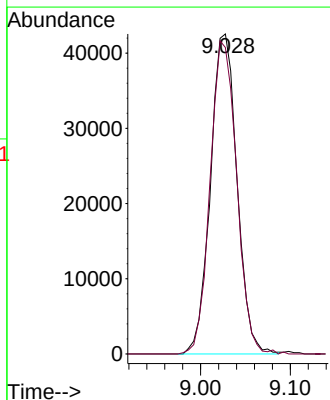
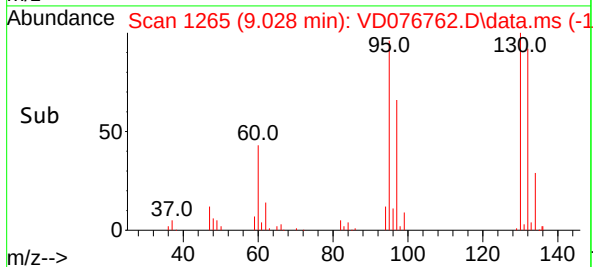
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

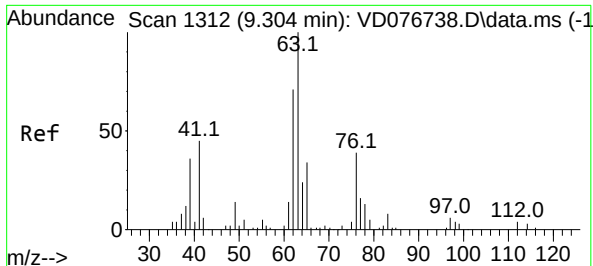


#44
Trichloroethene
Concen: 48.529 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48



Tgt Ion:130 Resp: 87411
Ion Ratio Lower Upper
130 100
95 95.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 52.056 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

Tgt Ion: 63 Resp: 8882

Ion Ratio Lower Upper

63 100

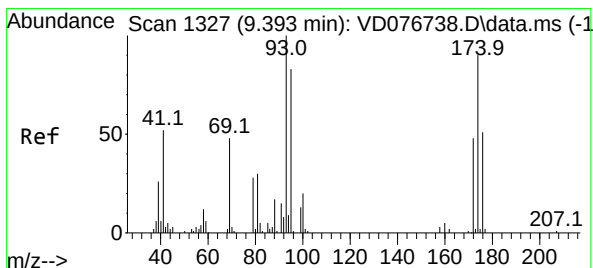
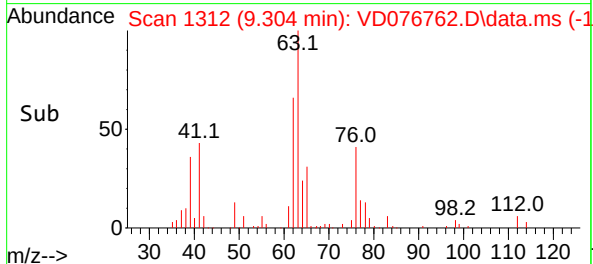
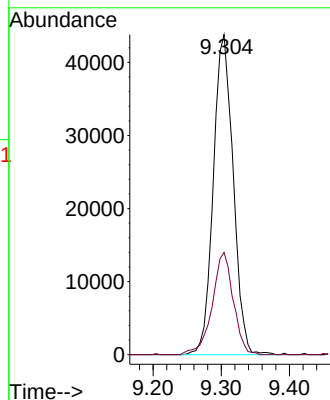
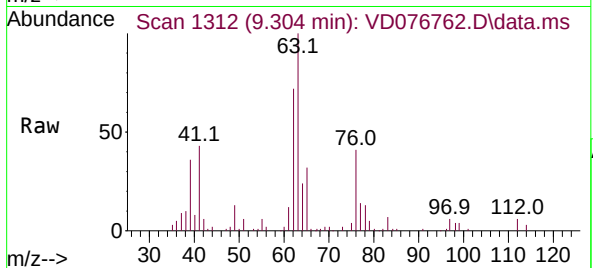
65 31.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 52.120 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

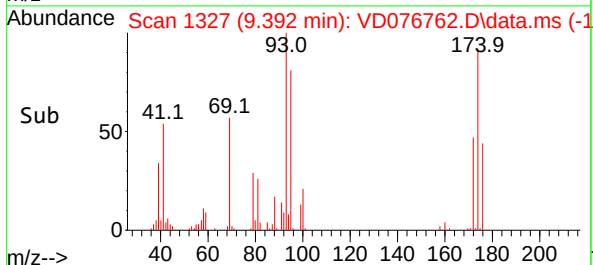
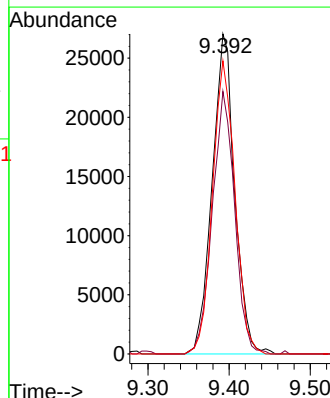
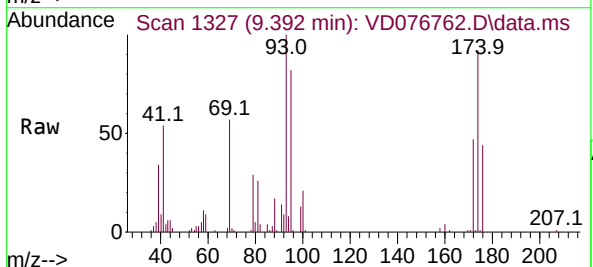
Tgt Ion: 93 Resp: 52055

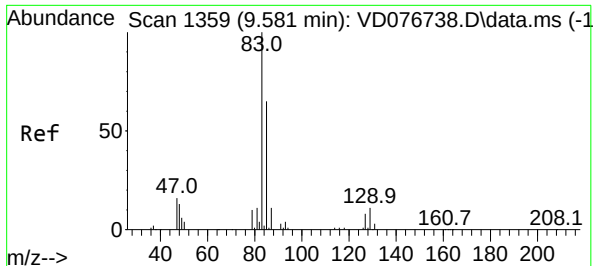
Ion Ratio Lower Upper

93 100

95 81.3 67.7 101.5

174 91.6 85.4 128.2





#47

Bromodichloromethane

Concen: 50.625 ug/l

RT: 9.586 min Scan# 1359

Delta R.T. 0.005 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

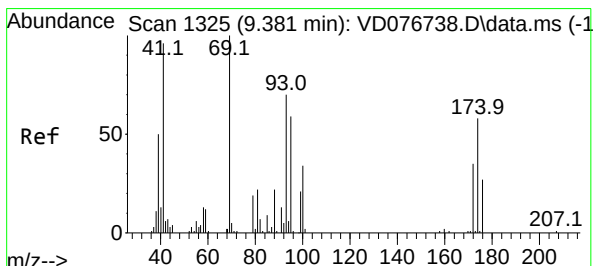
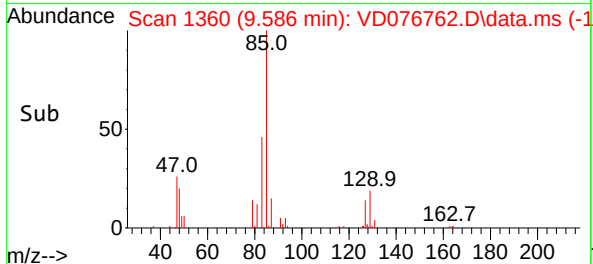
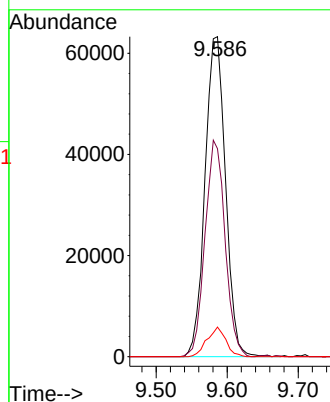
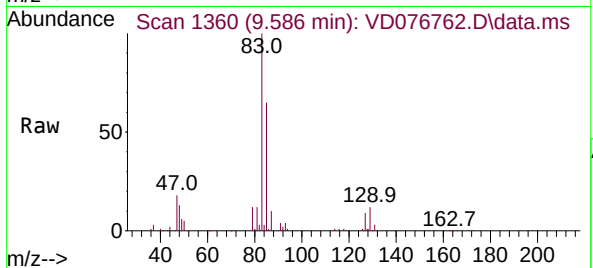
Tgt Ion:	83	Resp:	12688
Ion Ratio	Lower	Upper	
83	100		
85	65.0	50.2	75.4
127	9.3	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#48

Methyl methacrylate

Concen: 51.784 ug/l

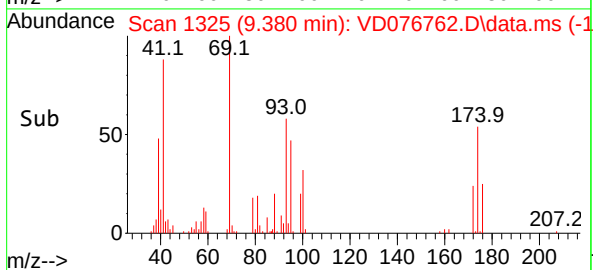
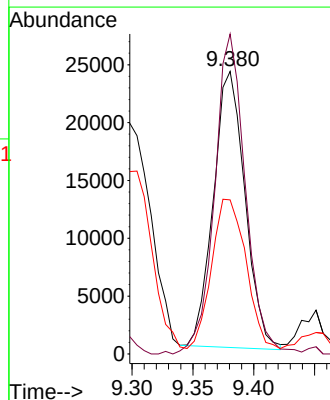
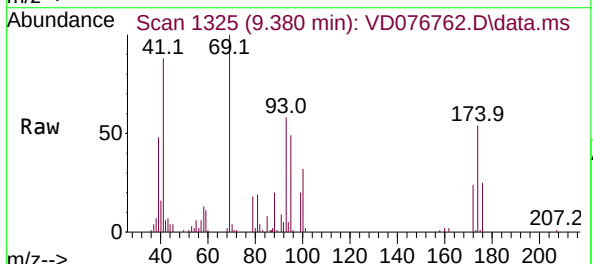
RT: 9.380 min Scan# 1325

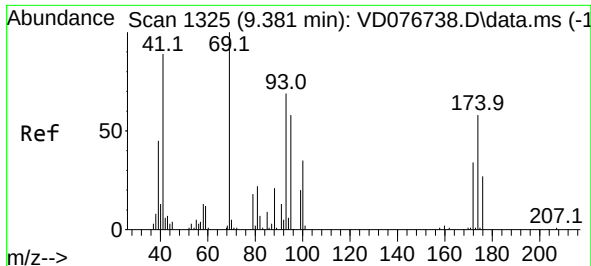
Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

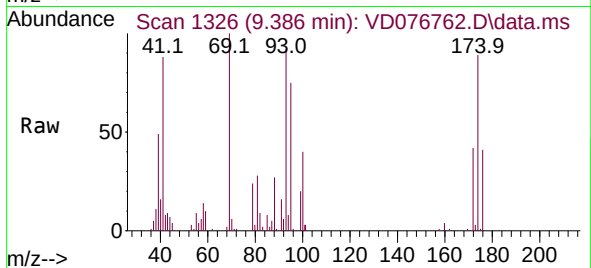
Tgt Ion:	41	Resp:	43093
Ion Ratio	Lower	Upper	
41	100		
69	113.1	102.2	153.2
39	63.3	41.4	62.2





#49
1,4-Dioxane
Concen: 1018.827 ug/l
RT: 9.386 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

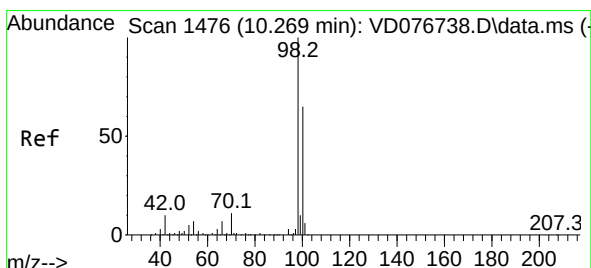
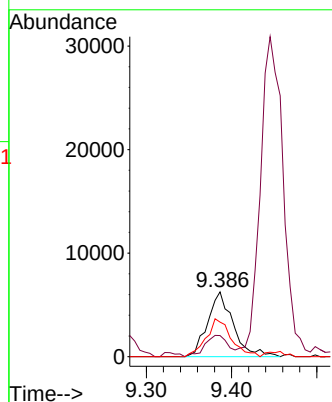
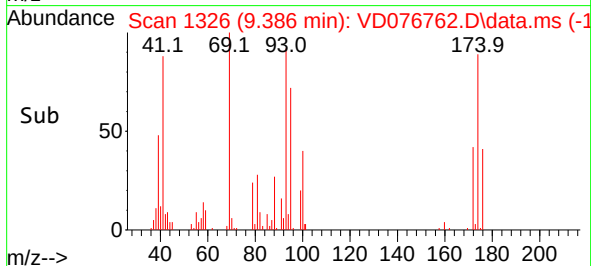
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



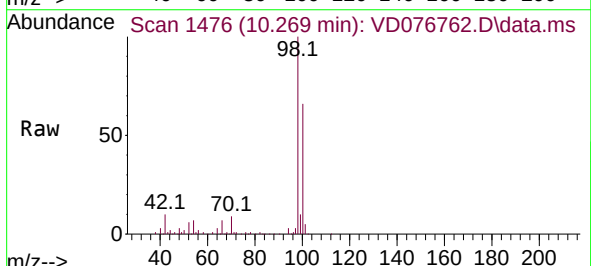
Tgt Ion: 88 Resp: 1303
Ion Ratio Lower Upper
88 100
43 30.0 19.0 28.6
58 56.8 43.5 65.3

Manual Integrations
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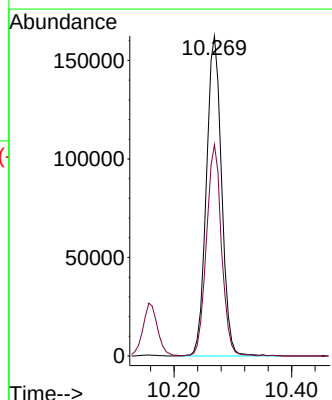
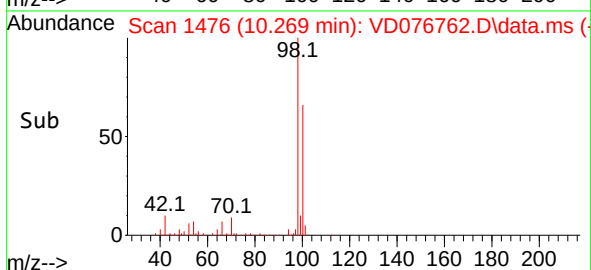
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

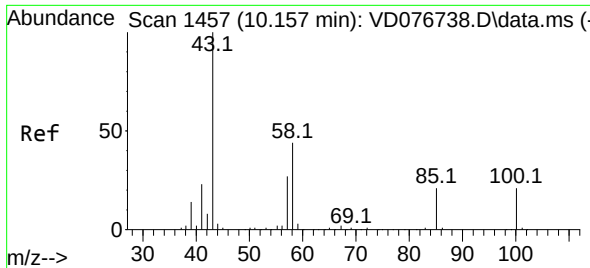


#50
Toluene-d8
Concen: 50.761 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48



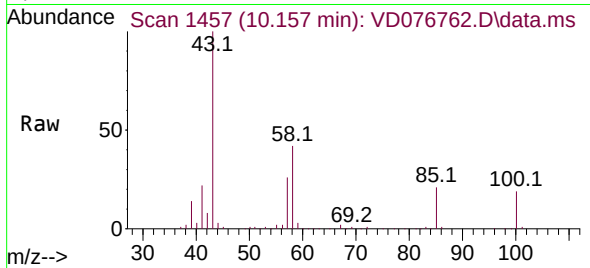
Tgt Ion: 98 Resp: 291124
Ion Ratio Lower Upper
98 100
100 65.3 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 254.571 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

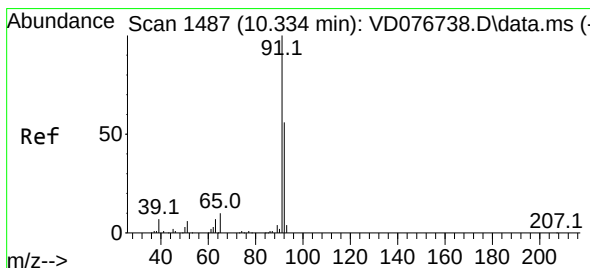
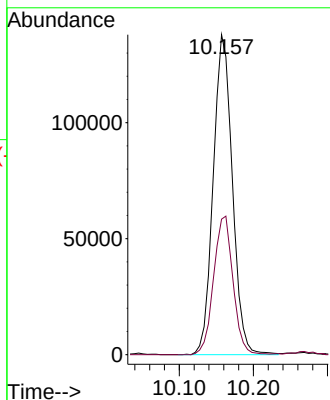
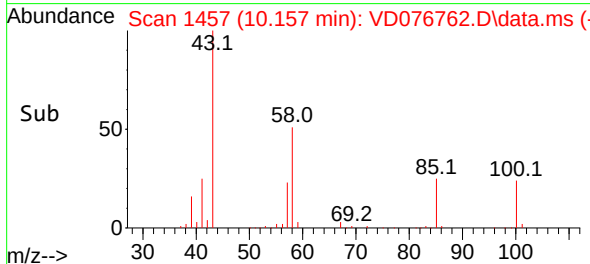
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



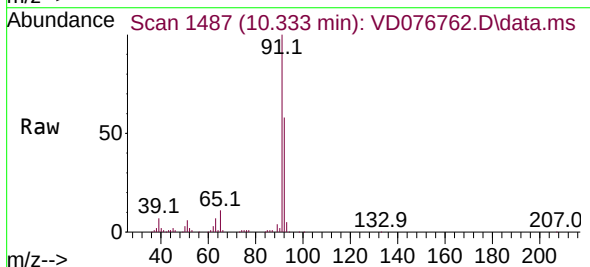
Tgt Ion: 43 Resp: 24782
Ion Ratio Lower Upper
43 100
58 43.9 38.9 58.3

Manual Integrations
APPROVED

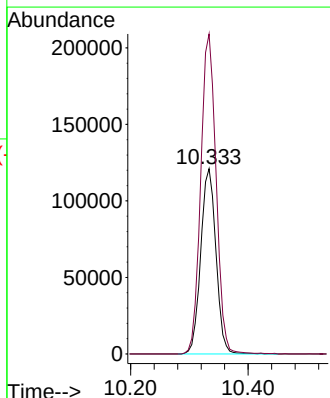
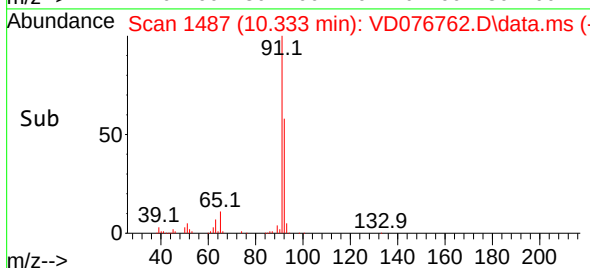
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

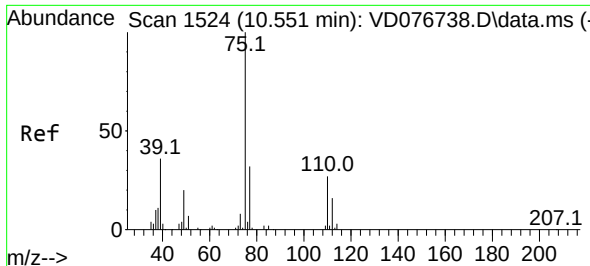


#52
Toluene
Concen: 50.133 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48



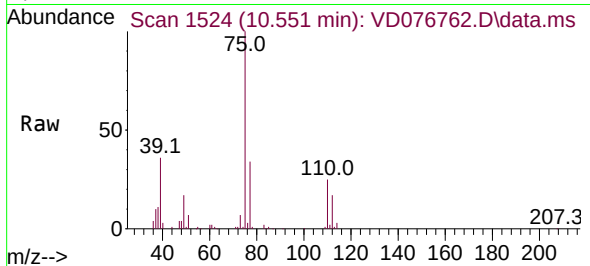
Tgt Ion: 92 Resp: 217641
Ion Ratio Lower Upper
92 100
91 174.3 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 49.788 ug/l
 RT: 10.551 min Scan# 115824
 Delta R.T. 0.000 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

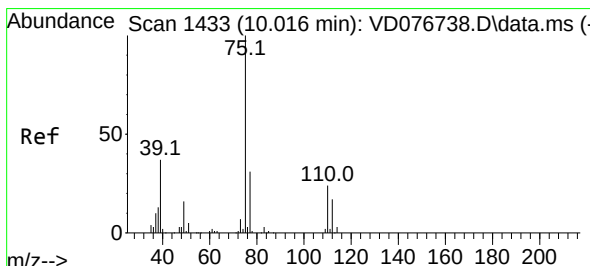
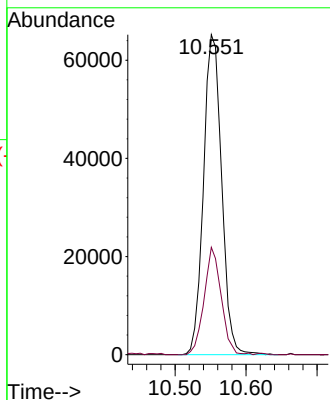
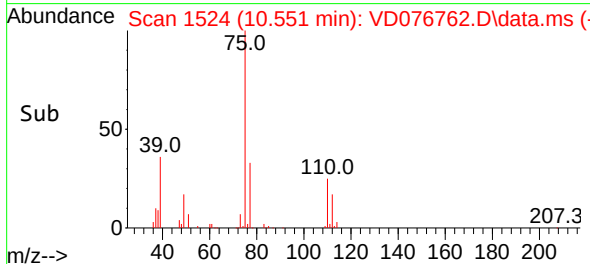
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MS



Tgt Ion: 75 Resp: 115824
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.3 37.9

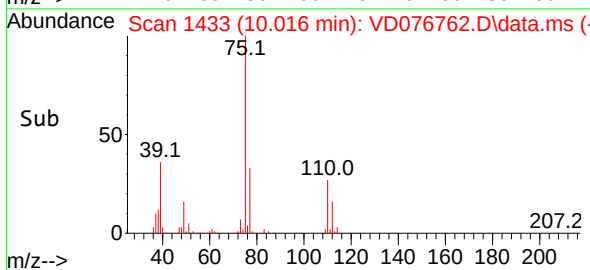
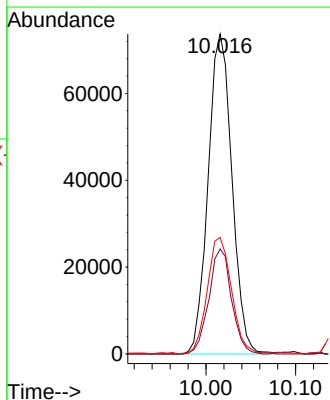
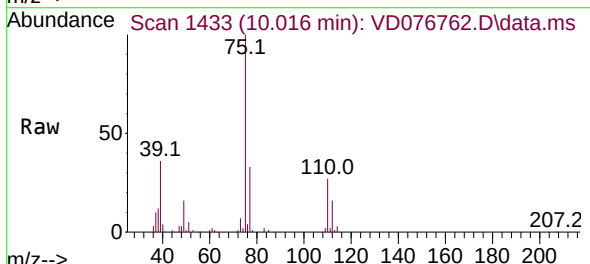
Manual Integrations
 APPROVED

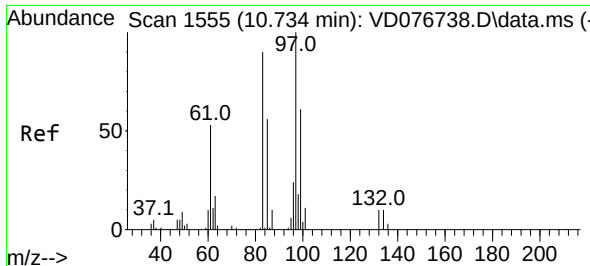
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#54
 cis-1,3-Dichloropropene
 Concen: 49.627 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

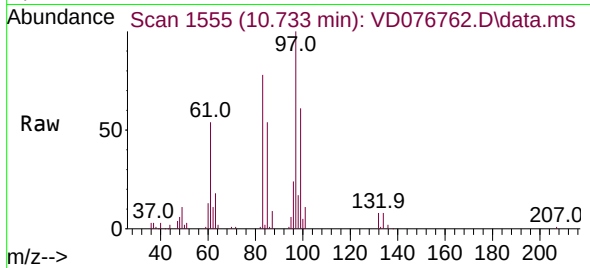
Tgt Ion: 75 Resp: 136063
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3
 39 36.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 52.055 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

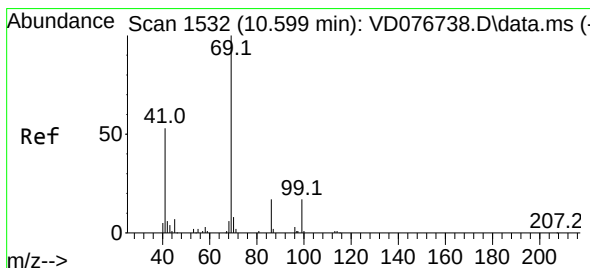
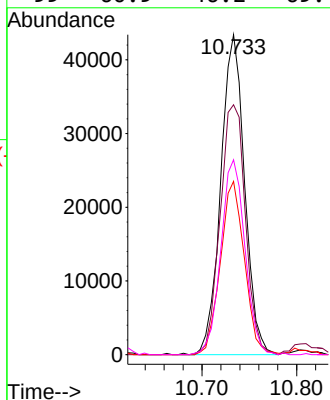
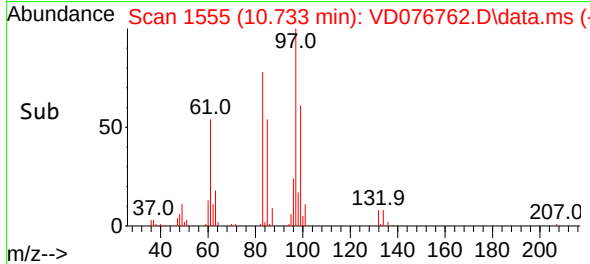
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



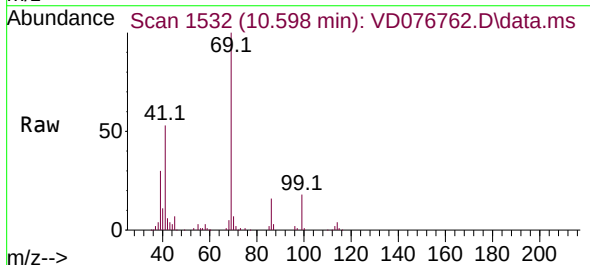
Tgt Ion:	97	Resp:	75918
Ion	Ratio	Lower	Upper
97	100		
83	78.1	65.8	98.6
85	54.2	45.7	68.5
99	60.9	46.2	69.4

Manual Integrations
APPROVED

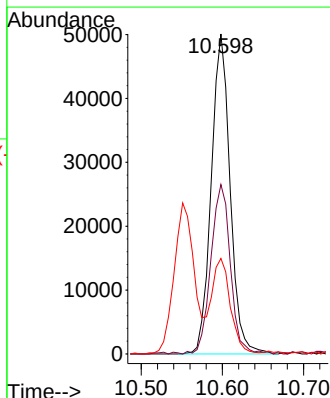
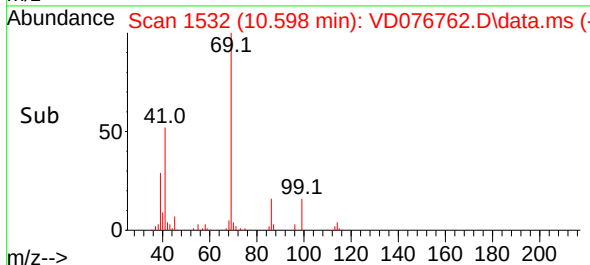
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

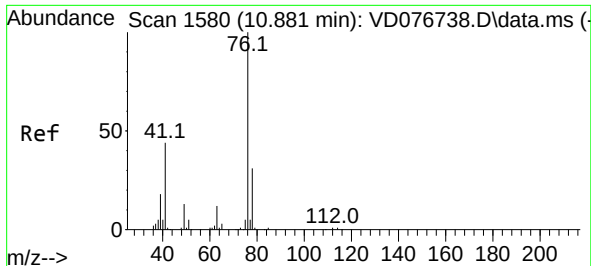


#56
Ethyl methacrylate
Concen: 47.990 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48



Tgt Ion:	69	Resp:	80783
Ion	Ratio	Lower	Upper
69	100		
41	55.0	39.1	58.7
39	30.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 50.467 ug/l

RT: 10.880 min Scan# 119864

Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

Tgt Ion: 76 Resp: 119864

Ion Ratio Lower Upper

76 100

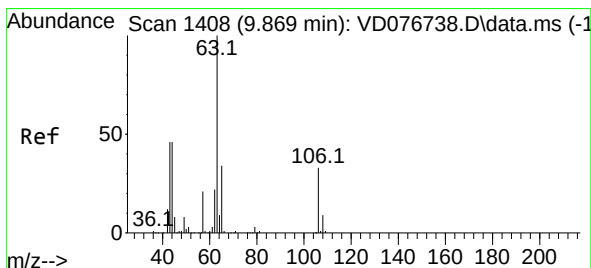
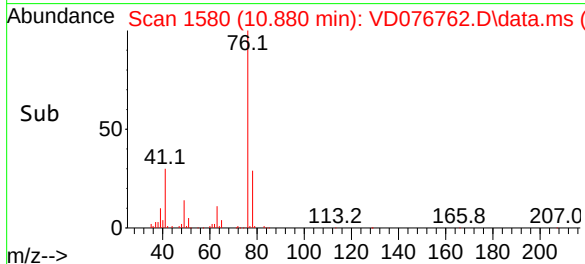
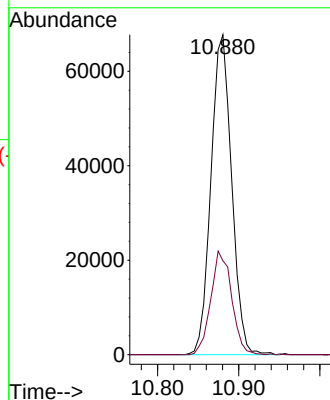
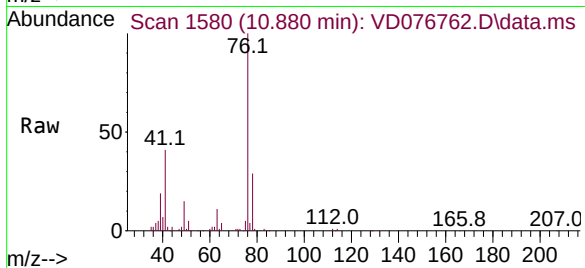
78 32.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 221.918 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076762.D

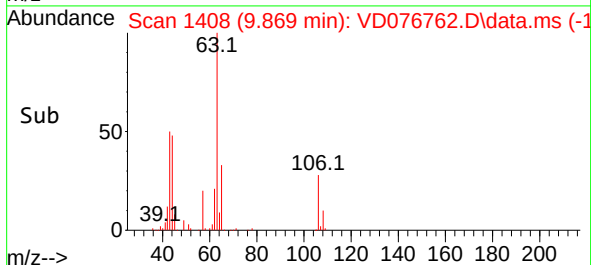
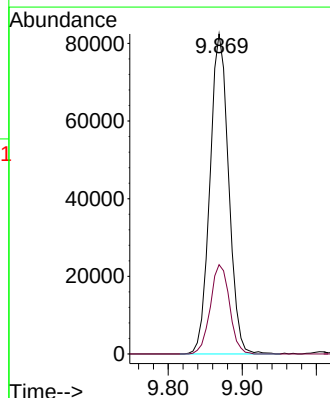
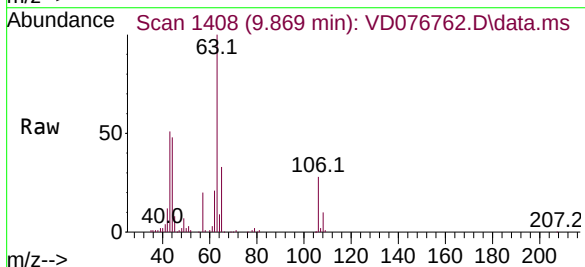
Acq: 17 Jul 2023 18:48

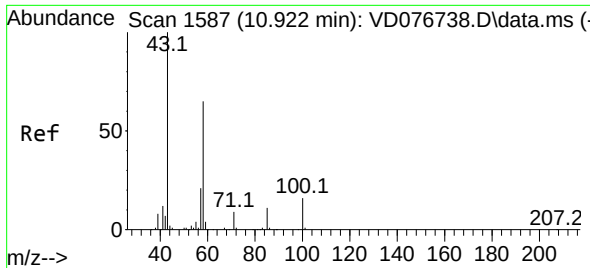
Tgt Ion: 63 Resp: 144596

Ion Ratio Lower Upper

63 100

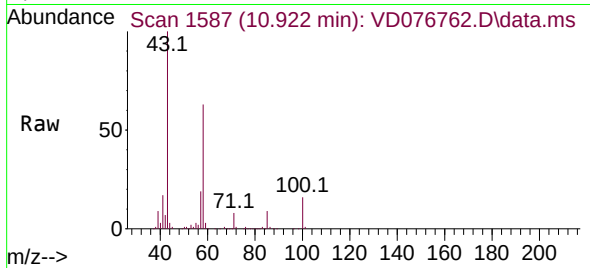
106 28.5 25.3 37.9





#59
2-Hexanone
Concen: 250.895 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

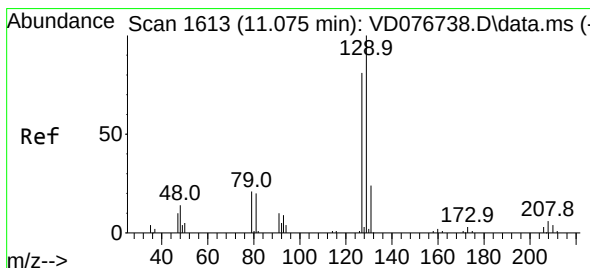
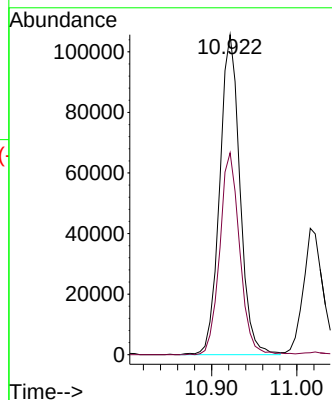
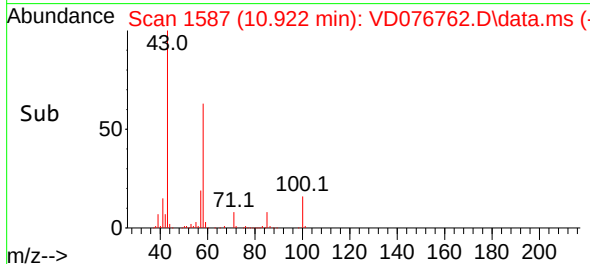
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



Tgt Ion: 43 Resp: 174279
Ion Ratio Lower Upper
43 100
58 62.2 34.1 102.2

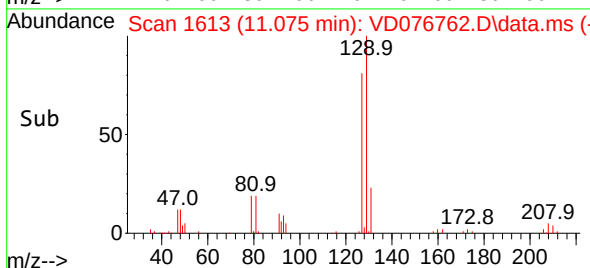
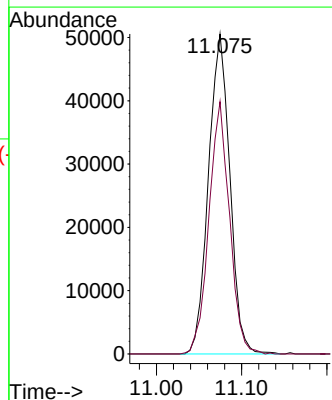
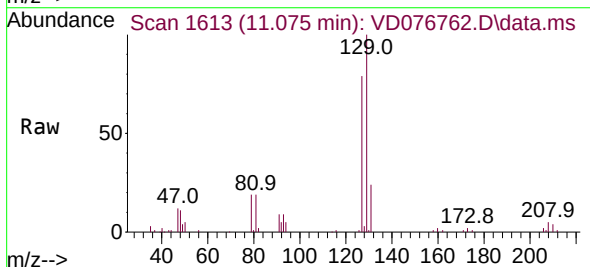
Manual Integrations
APPROVED

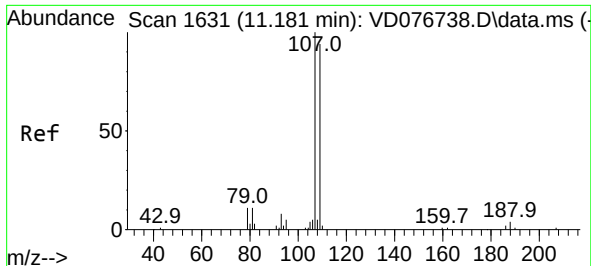
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 52.110 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

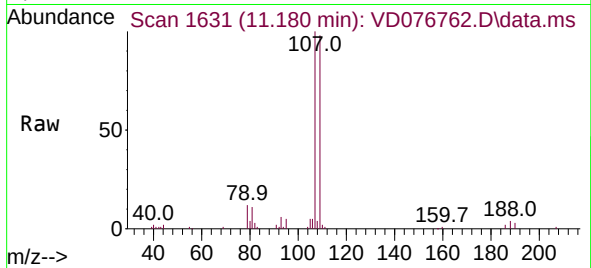
Tgt Ion:129 Resp: 88288
Ion Ratio Lower Upper
129 100
127 76.2 37.1 111.5





#61
1,2-Dibromoethane
Concen: 51.059 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

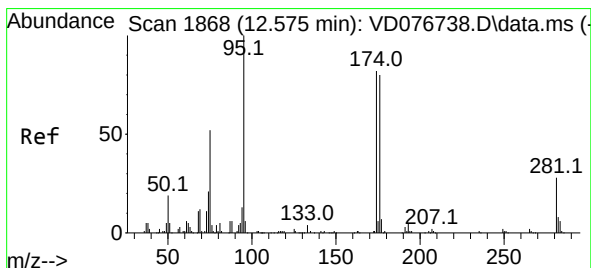
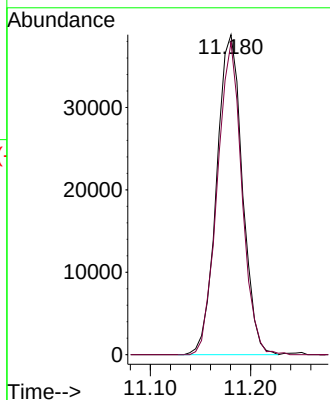
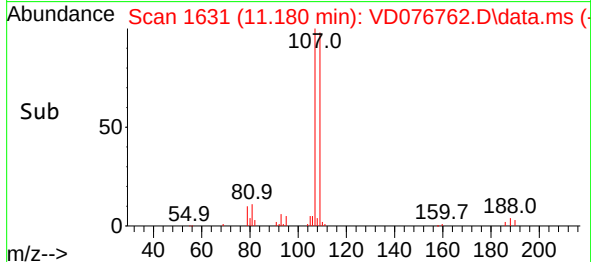
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



Tgt Ion:107 Resp: 69039
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4

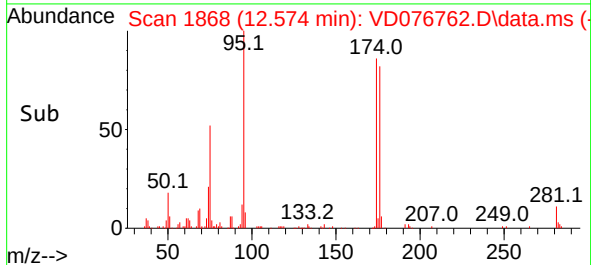
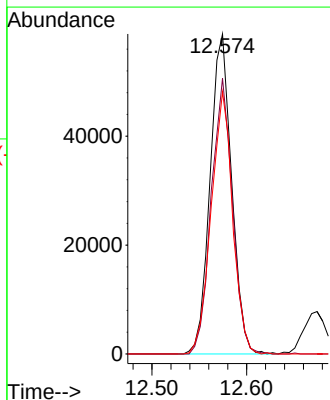
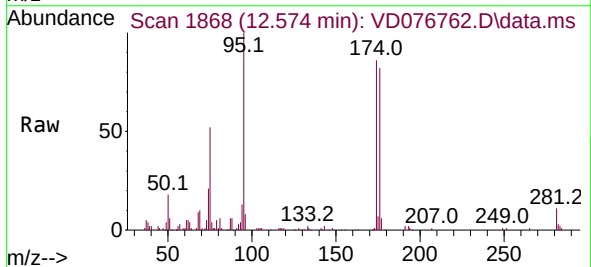
Manual Integrations
APPROVED

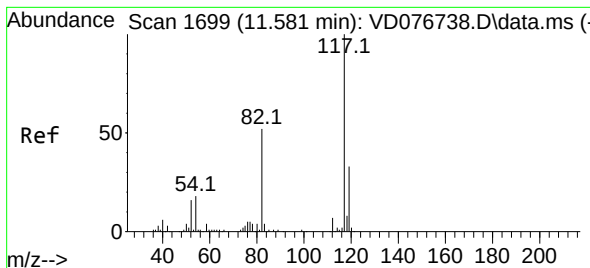
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#62
4-Bromofluorobenzene
Concen: 50.039 ug/l
RT: 12.574 min Scan# 1868
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

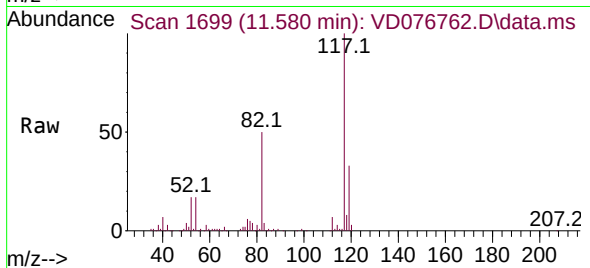
Tgt Ion: 95 Resp: 92839
Ion Ratio Lower Upper
95 100
174 84.5 0.0 201.8
176 81.6 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

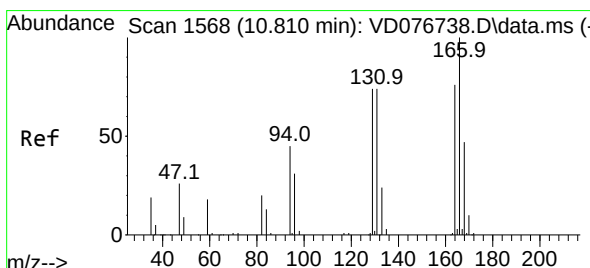
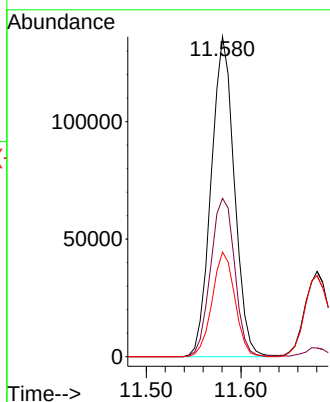
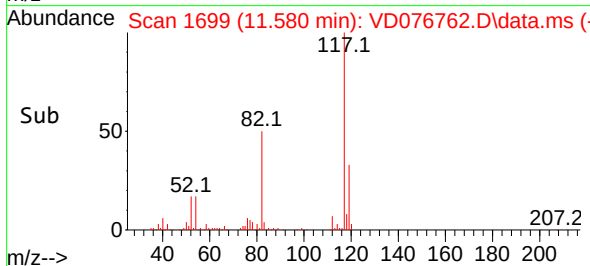
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



Tgt Ion:117 Resp: 231620
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 32.7 25.0 37.4

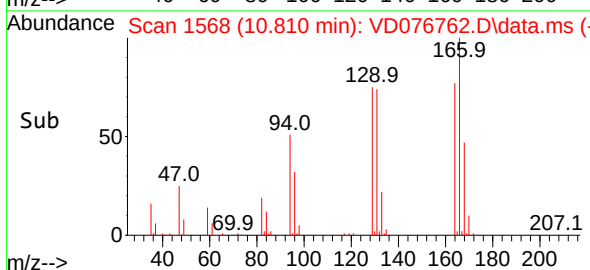
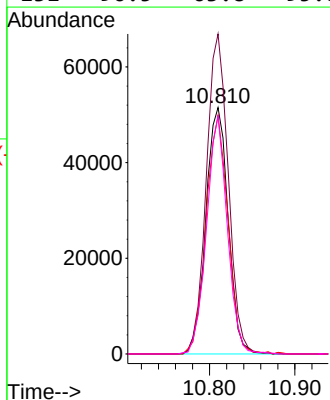
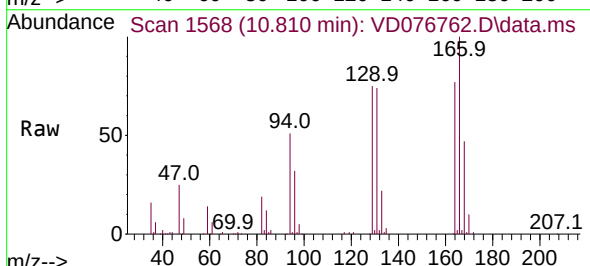
Manual Integrations
APPROVED

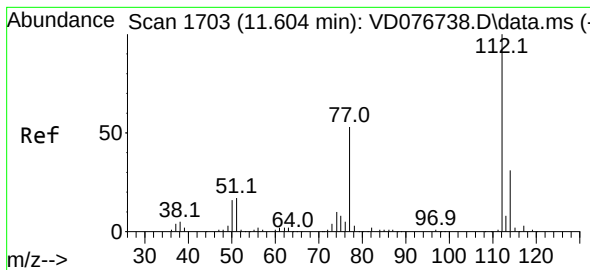
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 70.850 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

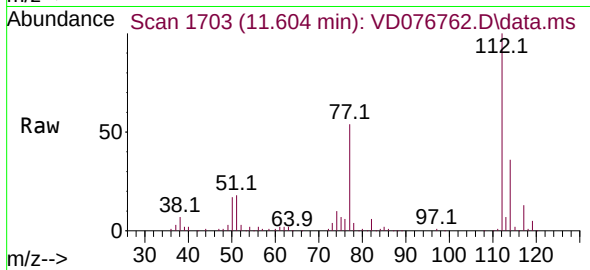
Tgt Ion:164 Resp: 93577
Ion Ratio Lower Upper
164 100
166 129.9 99.2 148.8
129 96.9 68.4 102.6
131 96.5 63.8 95.8#





#65
Chlorobenzene
Concen: 49.653 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

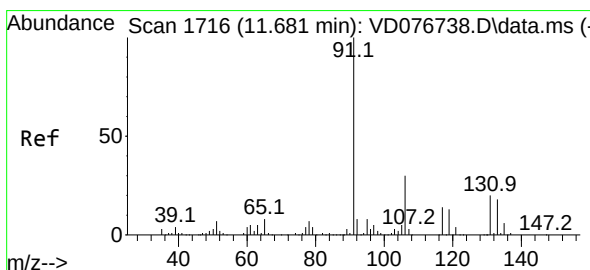
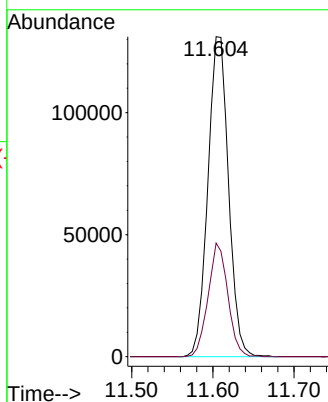
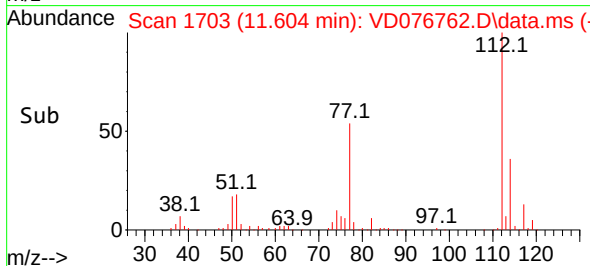
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



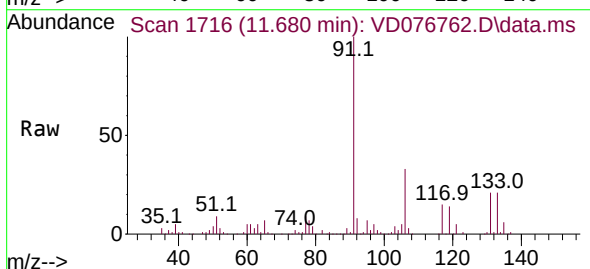
Tgt Ion:112 Resp: 231300
Ion Ratio Lower Upper
112 100
114 35.5 25.1 37.7

Manual Integrations
APPROVED

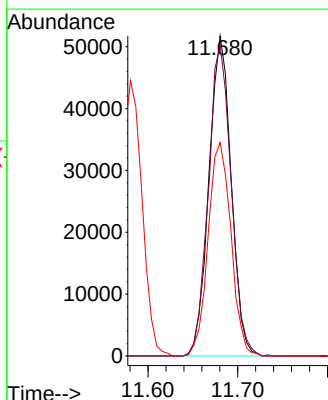
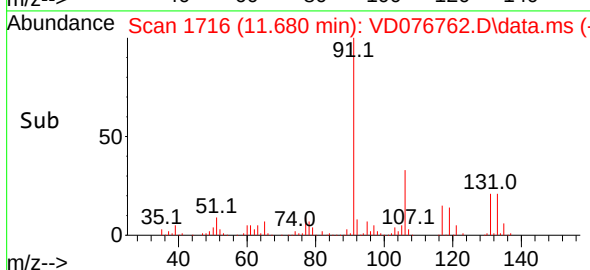
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

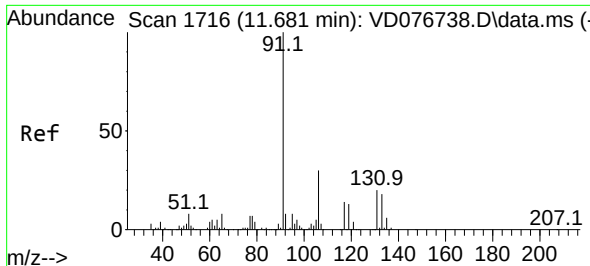


#66
1,1,1,2-Tetrachloroethane
Concen: 51.380 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48



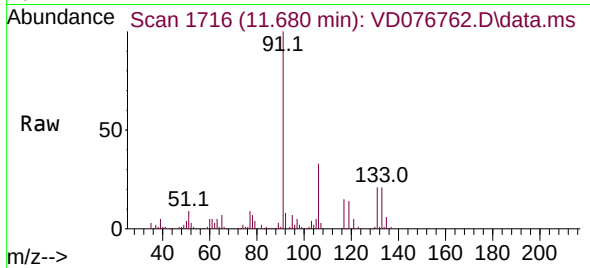
Tgt Ion:131 Resp: 89113
Ion Ratio Lower Upper
131 100
133 99.4 48.5 145.5
119 68.5 35.6 106.9





#67
Ethyl Benzene
Concen: 49.329 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

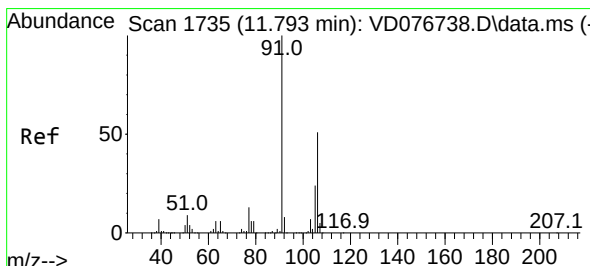
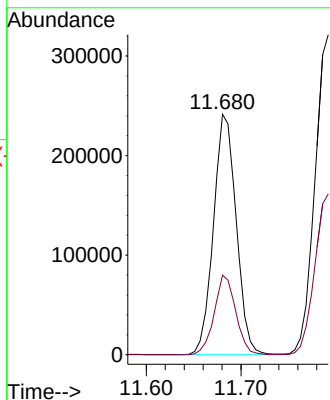
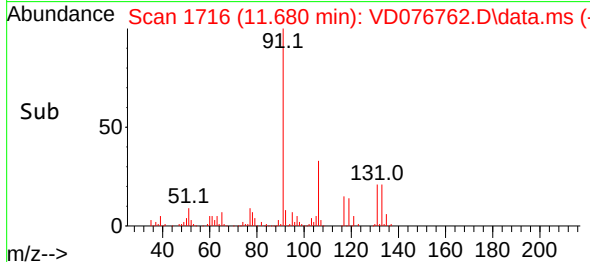
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



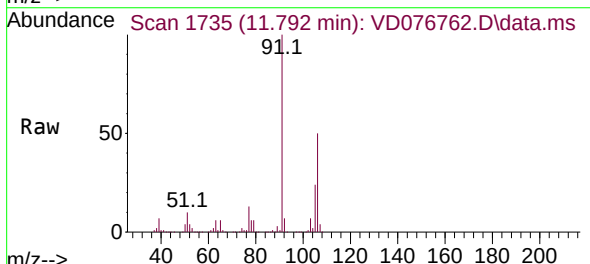
Tgt Ion: 91 Resp: 403570
Ion Ratio Lower Upper
91 100
106 33.1 26.5 39.7

Manual Integrations
APPROVED

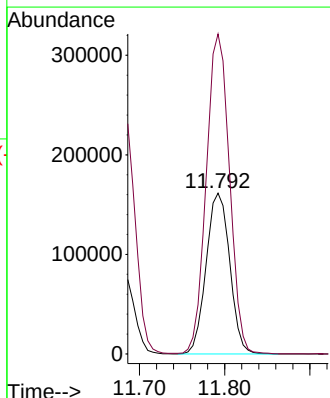
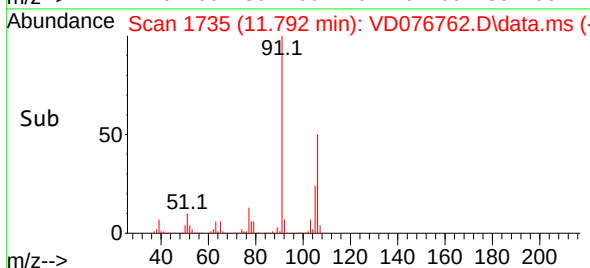
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

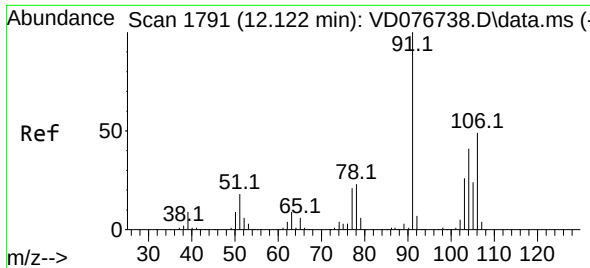


#68
m/p-Xylenes
Concen: 98.877 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48



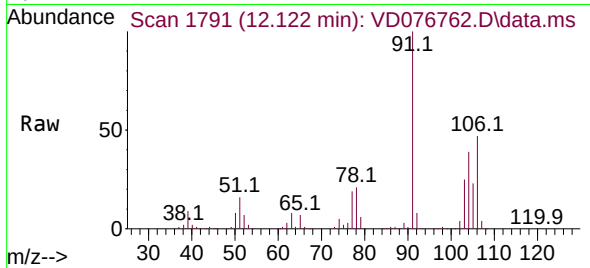
Tgt Ion:106 Resp: 310678
Ion Ratio Lower Upper
106 100
91 196.3 147.0 220.6





#69
o-Xylene
Concen: 49.652 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

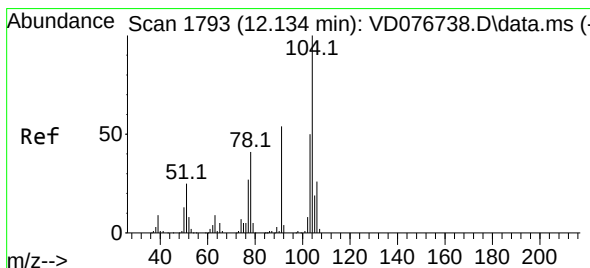
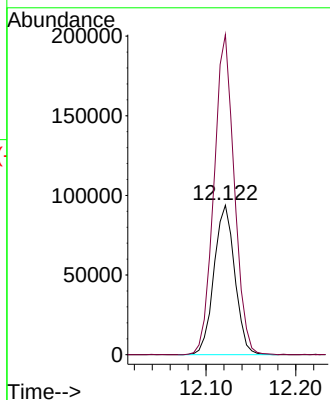
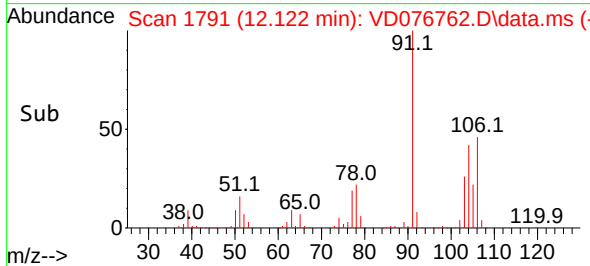
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



Tgt Ion:106 Resp: 150864
Ion Ratio Lower Upper
106 100
91 209.6 97.9 293.6

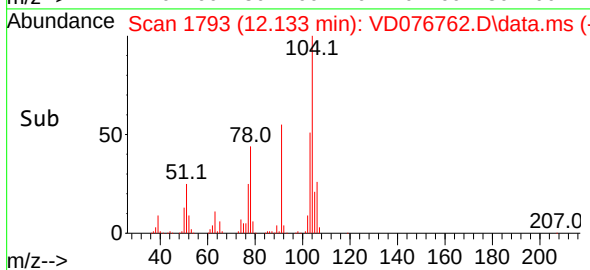
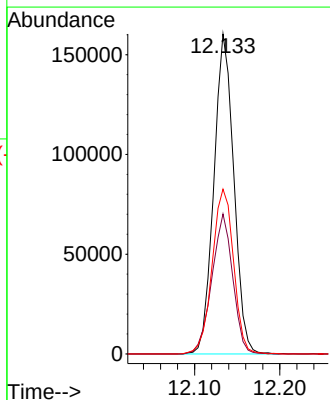
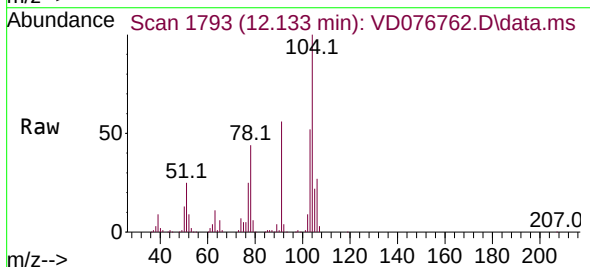
Manual Integrations
APPROVED

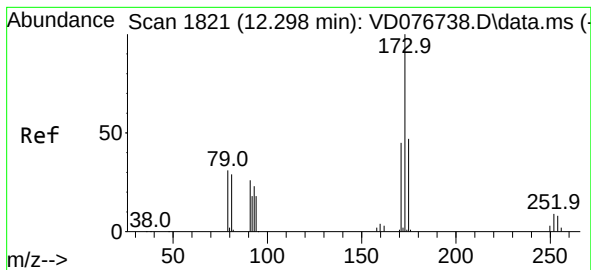
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 49.154 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion:104 Resp: 261449
Ion Ratio Lower Upper
104 100
78 45.6 33.2 49.8
103 55.1 43.6 65.4





#71

Bromoform

Concen: 50.261 ug/l

RT: 12.304 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

Tgt Ion:173 Resp: 4774

Ion Ratio Lower Upper

173 100

175 50.0 24.6 73.8

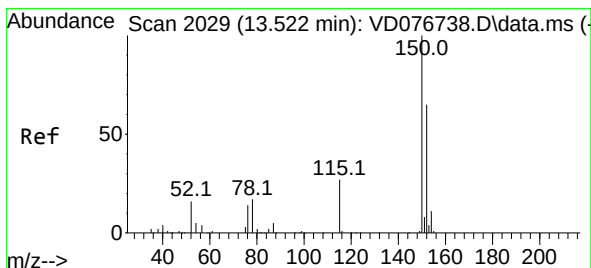
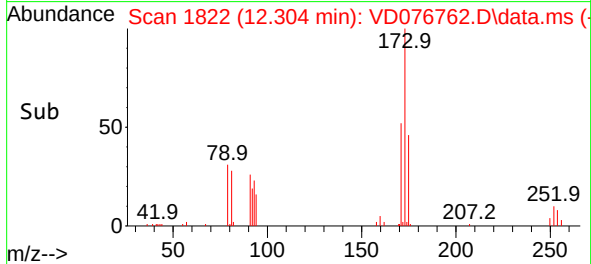
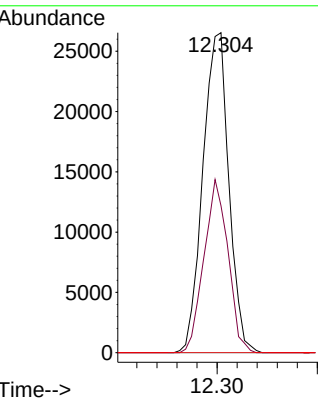
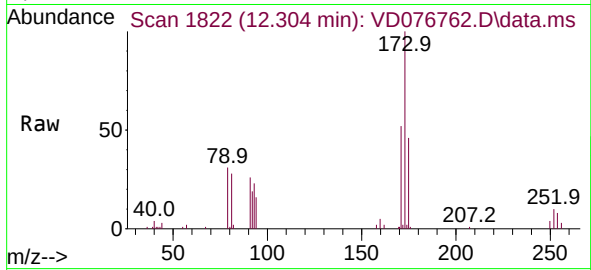
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. -0.006 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

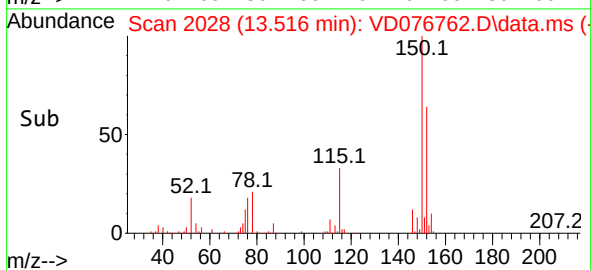
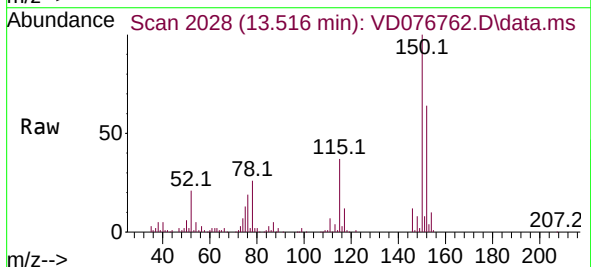
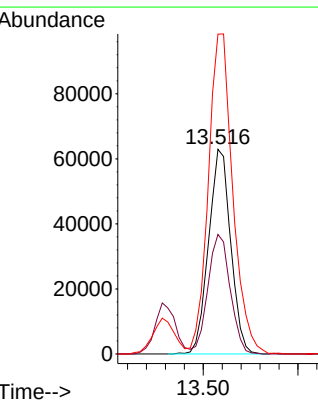
Tgt Ion:152 Resp: 102048

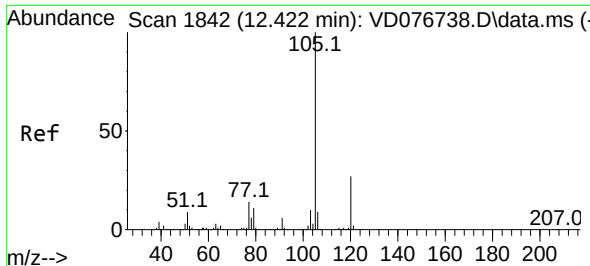
Ion Ratio Lower Upper

152 100

115 58.8 27.1 81.3

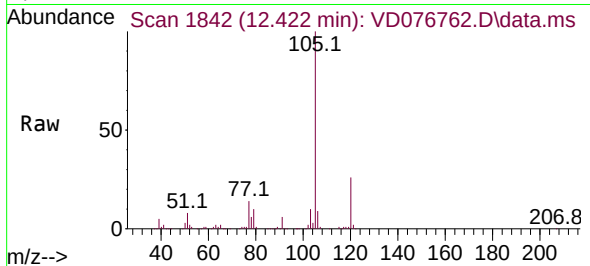
150 173.3 0.0 353.6





#73
Isopropylbenzene
Concen: 51.387 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

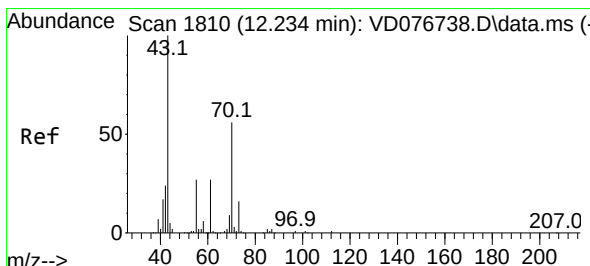
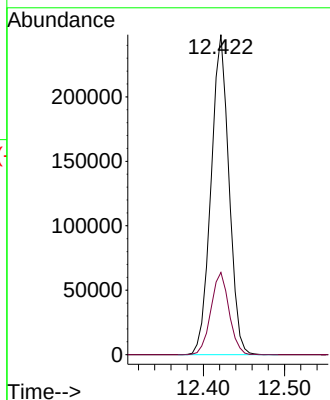
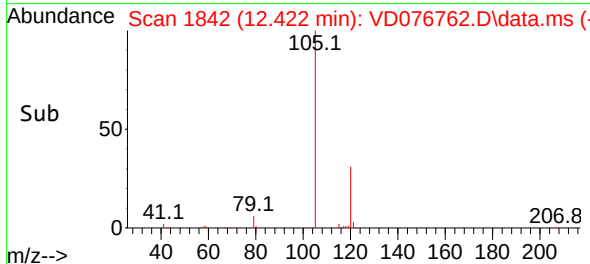
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



Tgt Ion:105 Resp: 380456
Ion Ratio Lower Upper
105 100
120 26.0 14.3 42.9

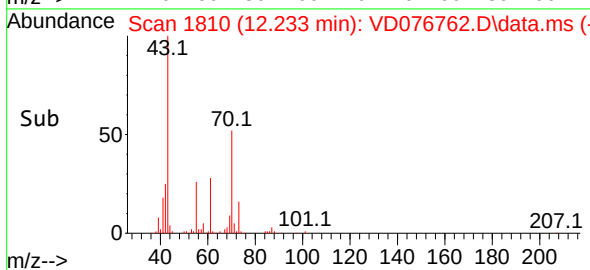
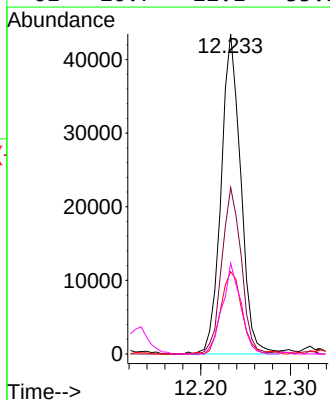
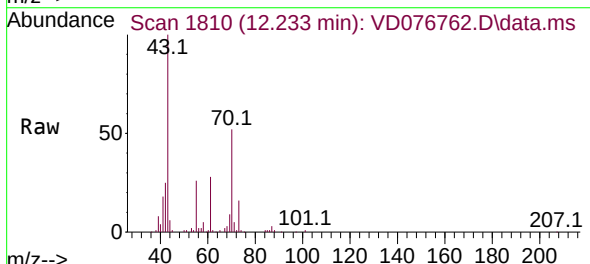
Manual Integrations
APPROVED

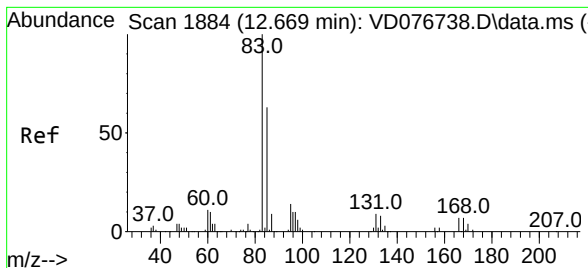
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#74
N-ethyl acetate
Concen: 42.485 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 43 Resp: 66267
Ion Ratio Lower Upper
43 100
70 51.5 45.0 67.4
55 27.8 23.8 35.6
61 26.7 22.1 33.1





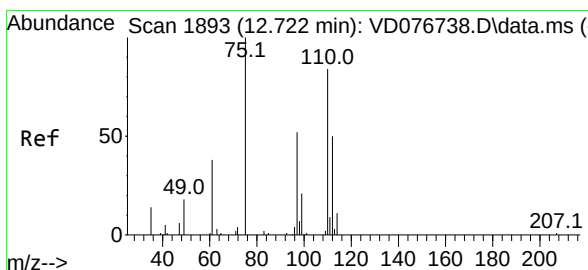
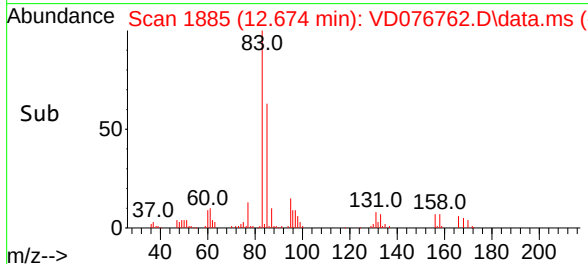
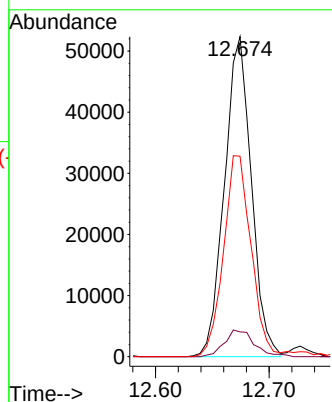
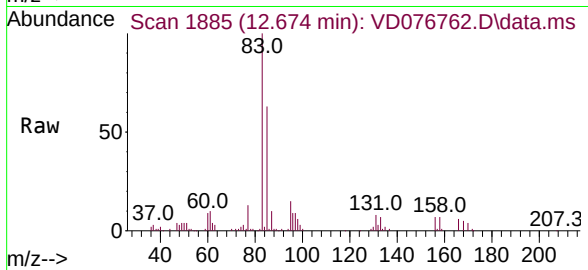
#75
1,1,2,2-Tetrachloroethane
Concen: 54.116 ug/l
RT: 12.674 min Scan# 1885
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

Tgt Ion: 83 Resp: 8602
Ion Ratio Lower Upper
83 100
131 9.2 5.1 15.3
85 64.2 32.6 97.8

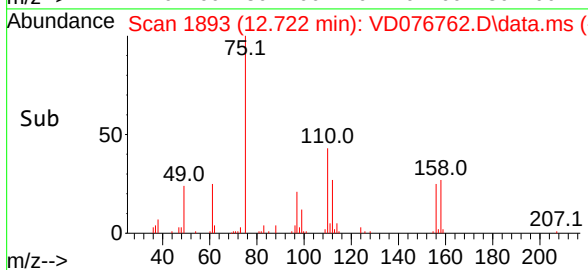
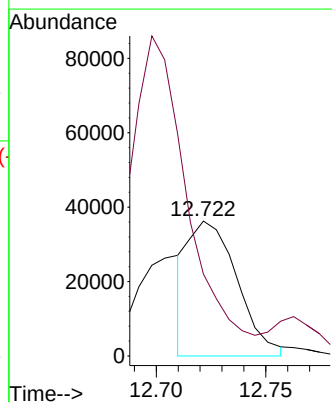
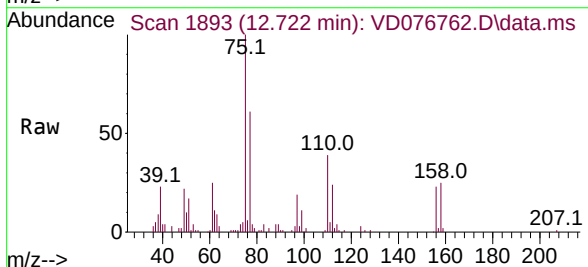
Manual Integrations
APPROVED

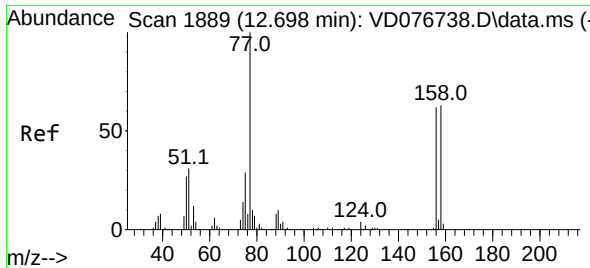
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#76
1,2,3-Trichloropropane
Concen: 58.101 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 75 Resp: 56385
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





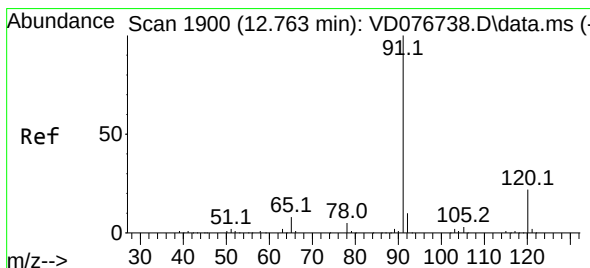
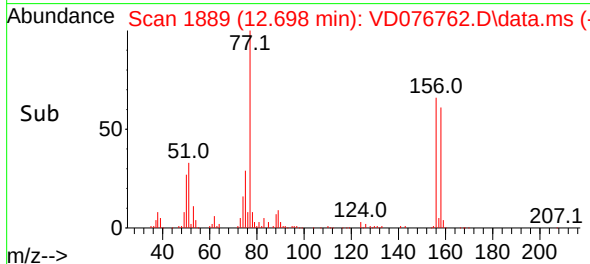
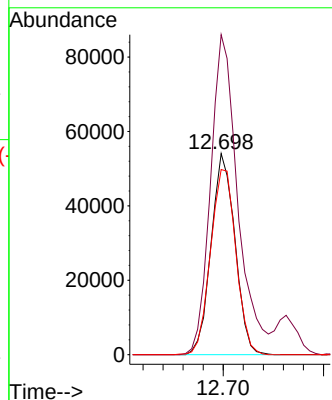
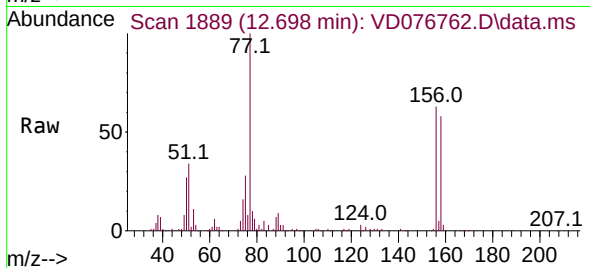
#77
Bromobenzene
Concen: 52.133 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

Tgt Ion:156 Resp: 89094
Ion Ratio Lower Upper
156 100
77 181.4 76.8 230.4
158 98.1 48.6 145.9

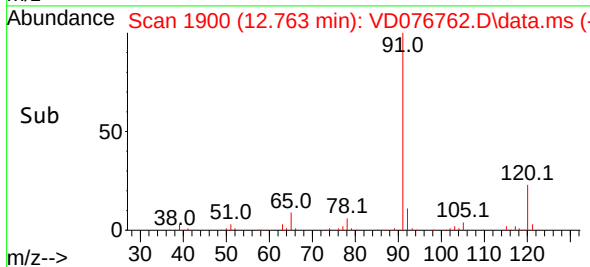
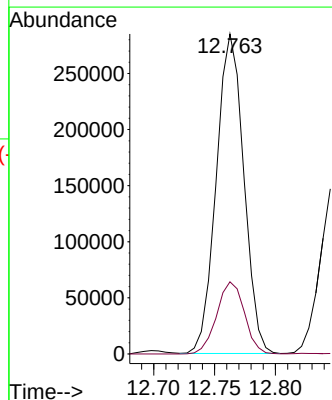
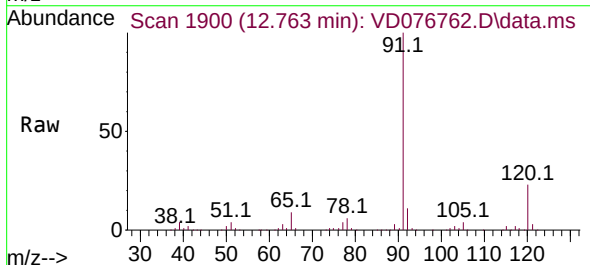
Manual Integrations
APPROVED

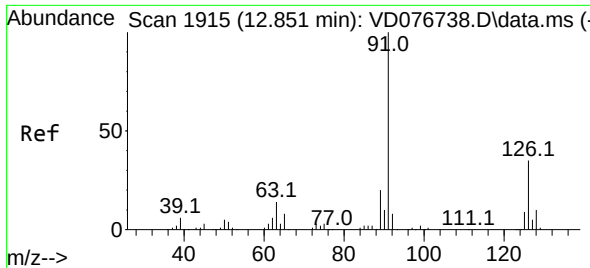
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#78
n-propylbenzene
Concen: 49.860 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 91 Resp: 447534
Ion Ratio Lower Upper
91 100
120 22.7 12.4 37.2





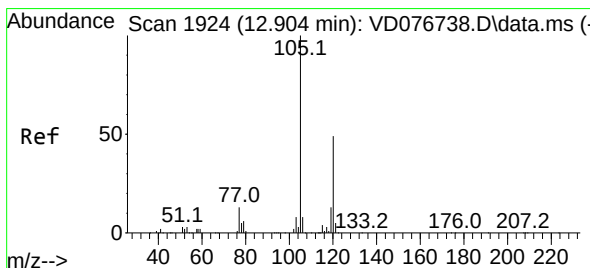
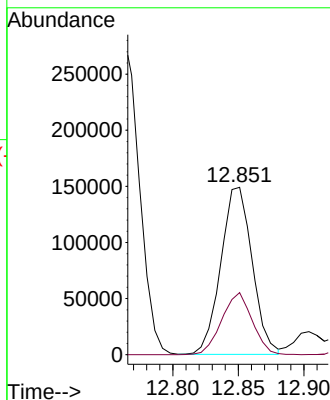
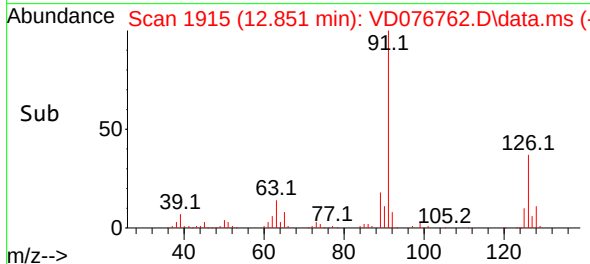
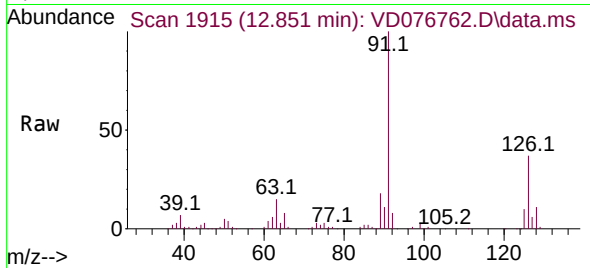
#79
2-Chlorotoluene
Concen: 50.447 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

Tgt Ion: 91 Resp: 248274
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1

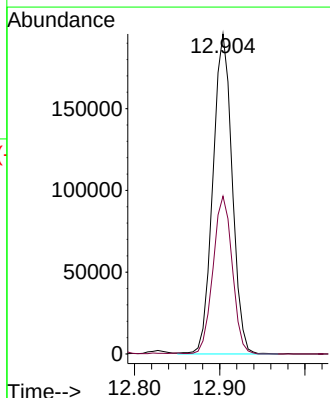
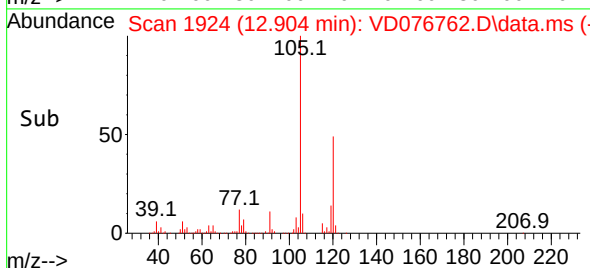
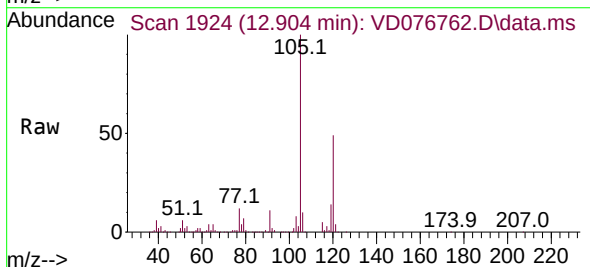
Manual Integrations
APPROVED

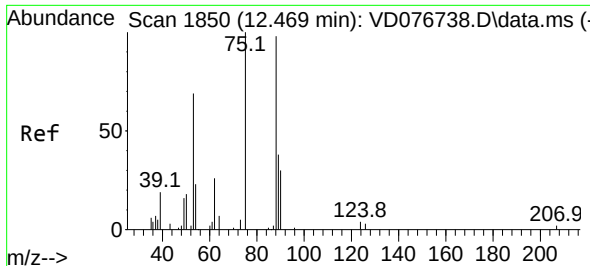
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 51.418 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

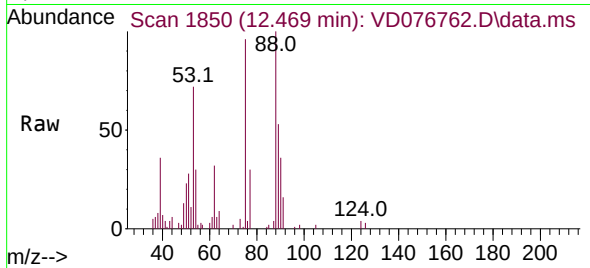
Tgt Ion:105 Resp: 307821
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 52.407 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

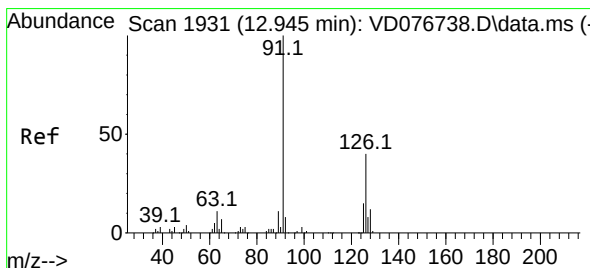
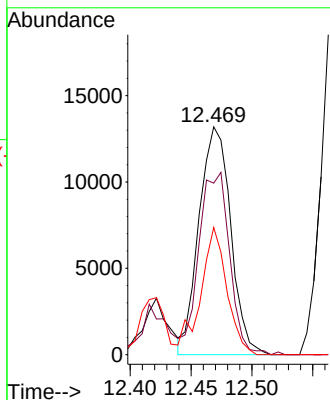
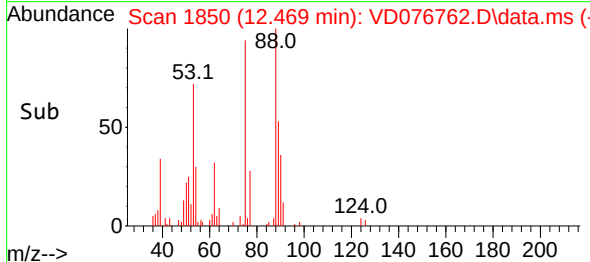
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



Tgt Ion: 75 Resp: 2389
Ion Ratio Lower Upper
75 100
53 77.7 63.0 94.4
89 46.0 37.9 56.9

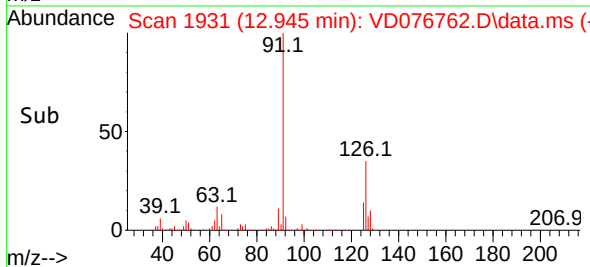
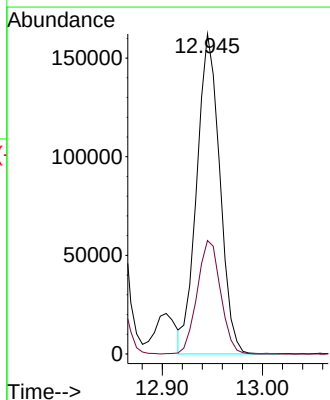
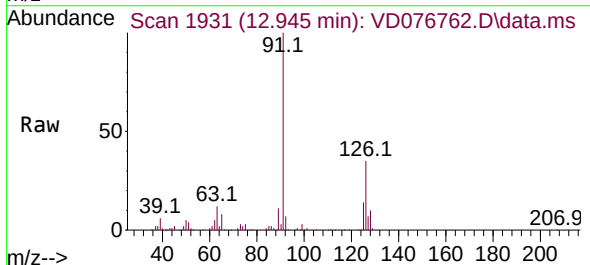
Manual Integrations
APPROVED

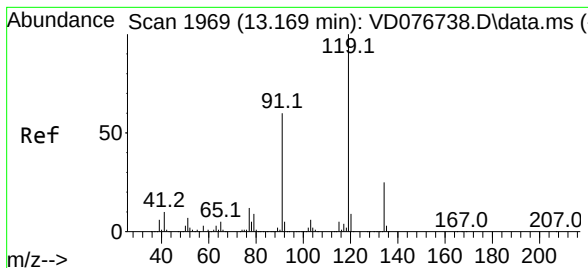
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#82
4-Chlorotoluene
Concen: 50.333 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Tgt Ion: 91 Resp: 258783
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.4





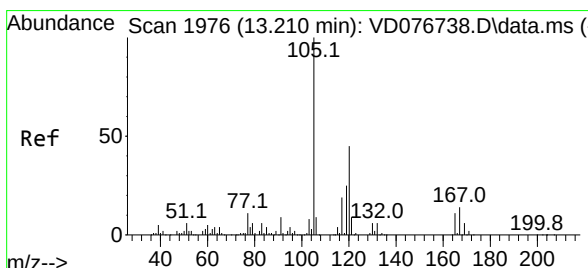
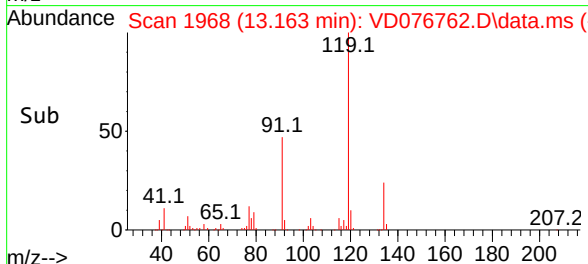
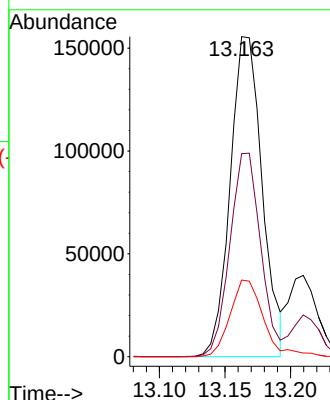
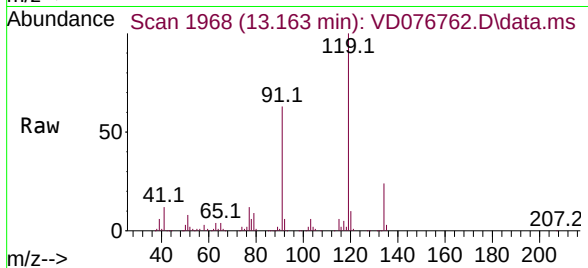
#83
tert-Butylbenzene
Concen: 50.231 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS

Tgt Ion:119 Resp: 264778
Ion Ratio Lower Upper
119 100
91 61.3 29.3 87.8
134 25.1 14.1 42.3

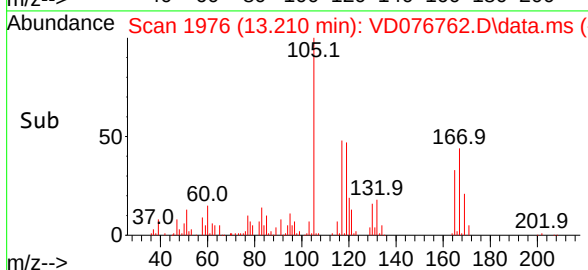
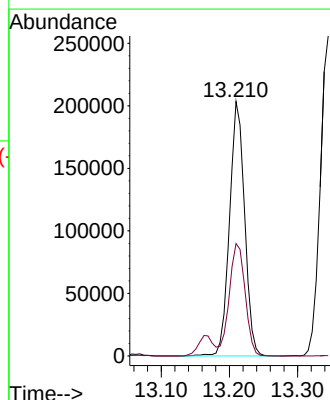
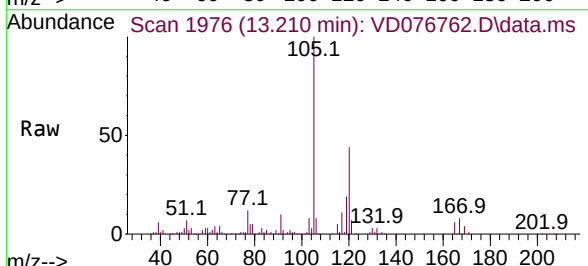
Manual Integrations
APPROVED

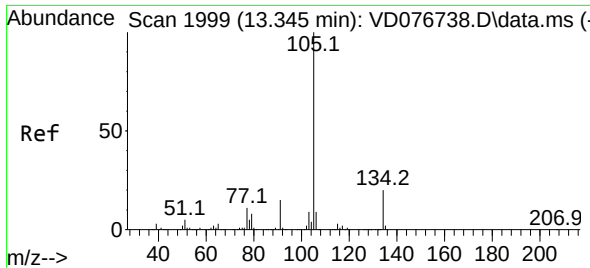
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.268 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

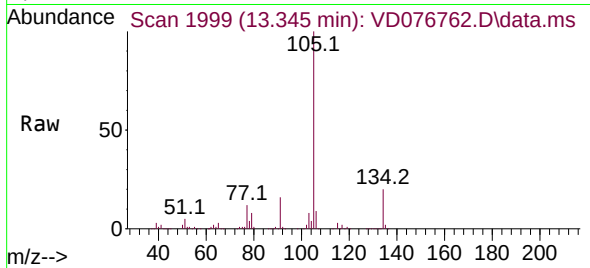
Tgt Ion:105 Resp: 313642
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 49.052 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

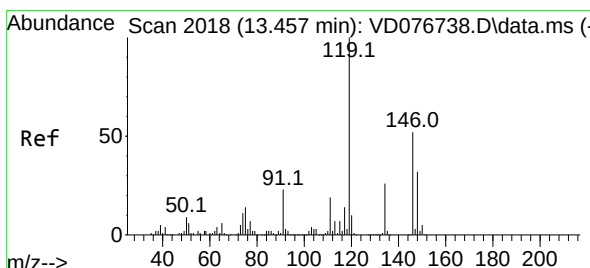
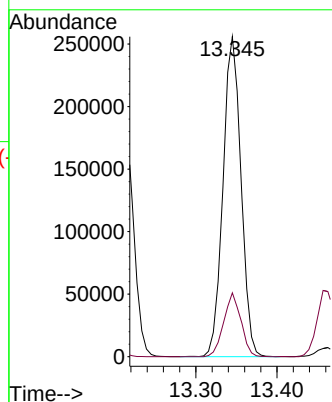
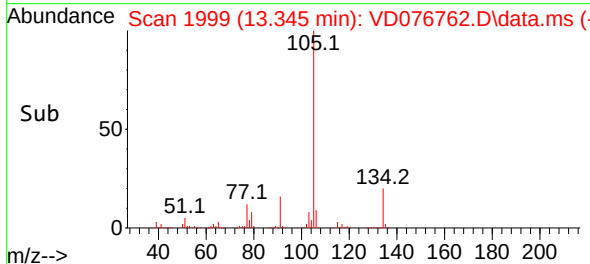
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MS



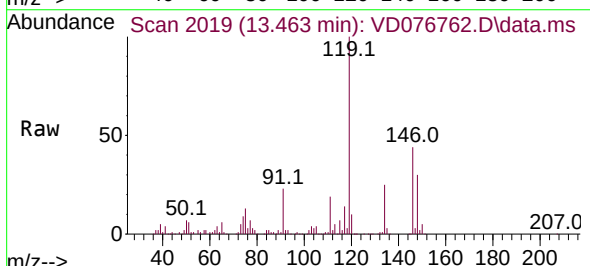
Tgt Ion:105 Resp: 39503
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.9 32.9

Manual Integrations
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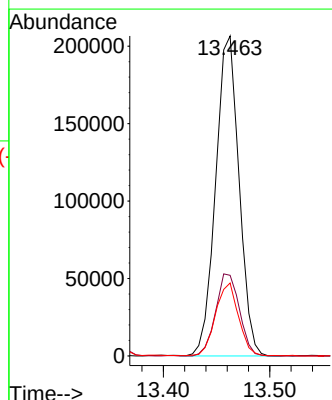
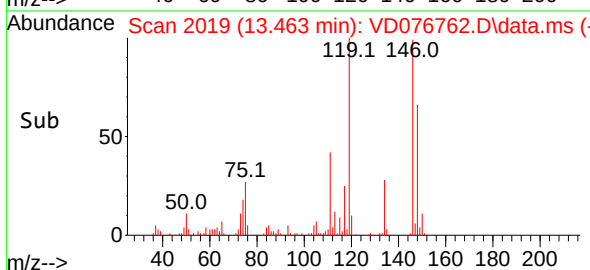
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

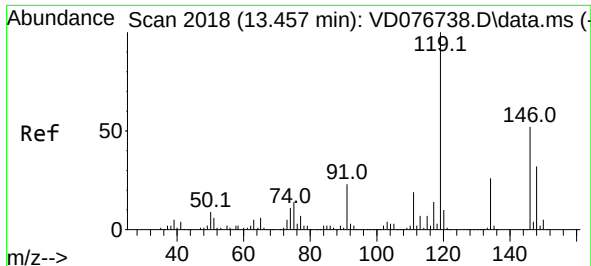


#86
 p-Isopropyltoluene
 Concen: 47.315 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48



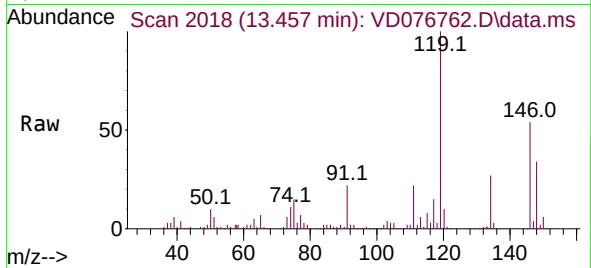
Tgt Ion:119 Resp: 314695
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 22.2 10.5 31.5





#87
 1,3-Dichlorobenzene
 Concen: 48.059 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48

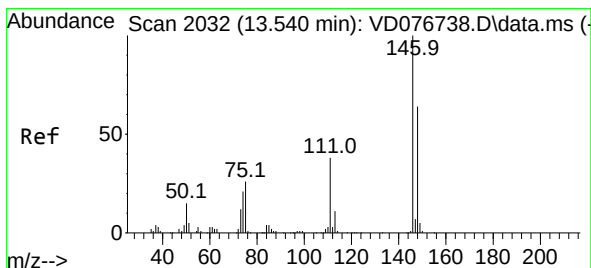
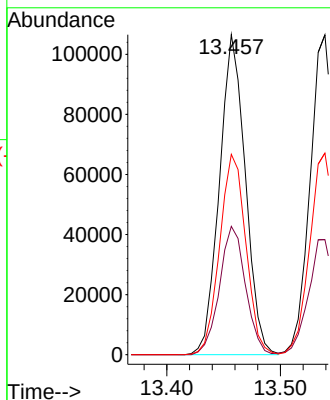
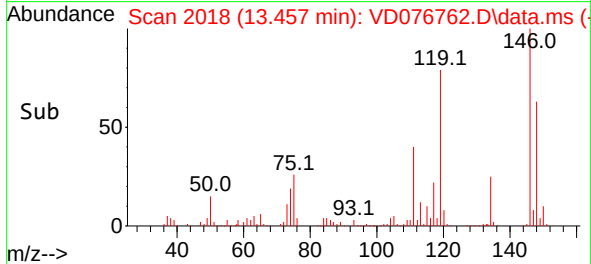
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MS



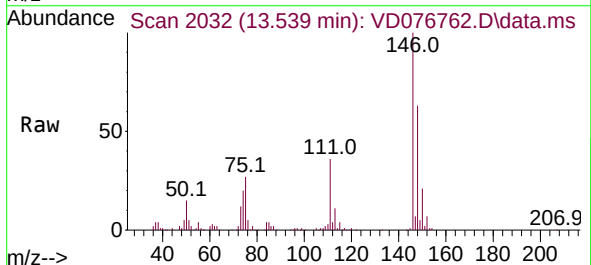
Tgt Ion:146 Resp: 168929
 Ion Ratio Lower Upper
 146 100
 111 40.3 17.9 53.8
 148 63.3 32.3 96.8

Manual Integrations
 APPROVED

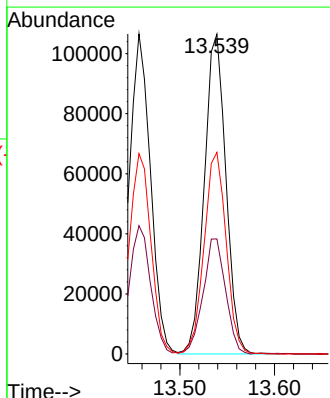
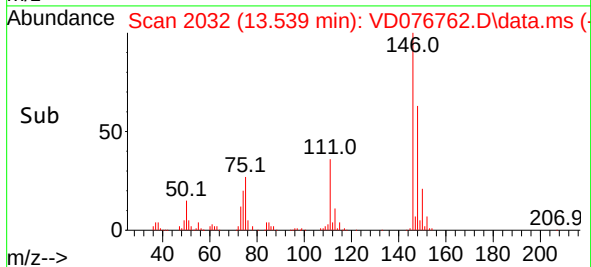
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

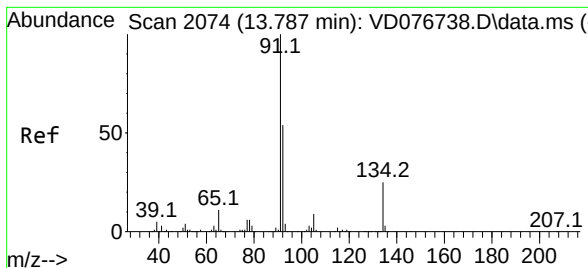


#88
 1,4-Dichlorobenzene
 Concen: 48.807 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.001 min
 Lab File: VD076762.D
 Acq: 17 Jul 2023 18:48



Tgt Ion:146 Resp: 168085
 Ion Ratio Lower Upper
 146 100
 111 37.2 17.4 52.3
 148 64.5 31.7 95.1





#89

n-Butylbenzene

Concen: 42.482 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.001 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MS

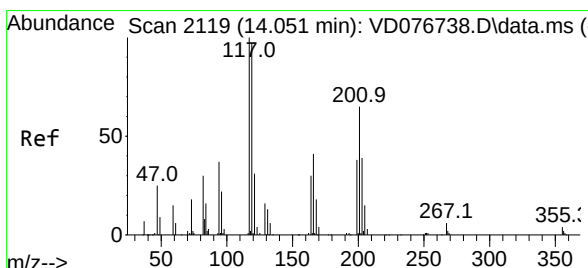
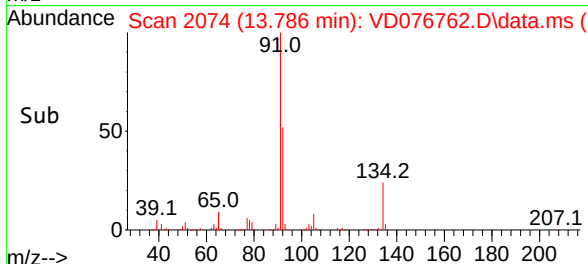
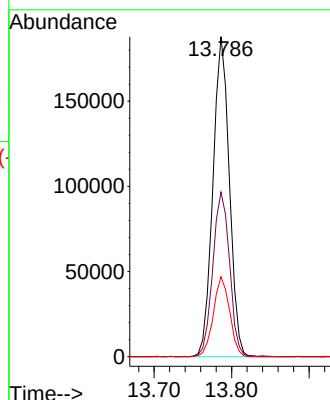
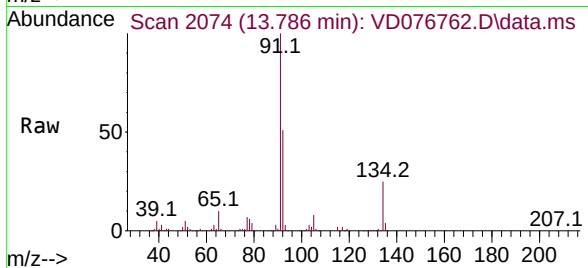
Tgt Ion:	91	Resp:	276480
Ion Ratio	Lower	Upper	
91	100		
92	52.4	26.5	79.5
134	24.7	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#90

Hexachloroethane

Concen: 51.182 ug/l

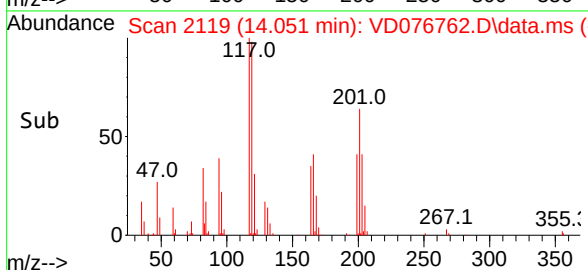
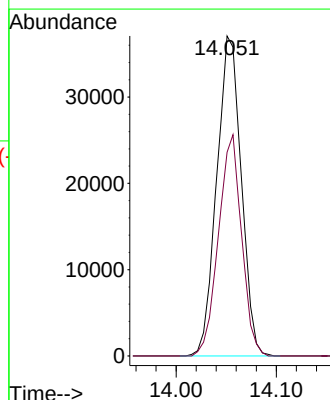
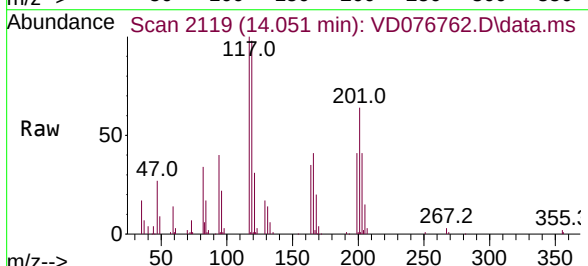
RT: 14.051 min Scan# 2119

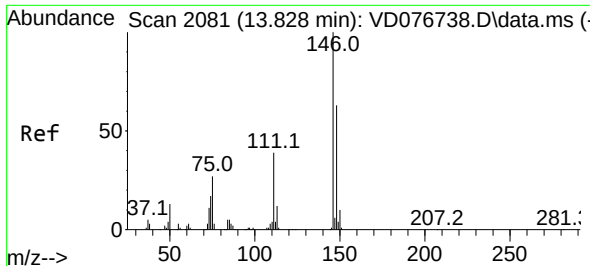
Delta R.T. -0.000 min

Lab File: VD076762.D

Acq: 17 Jul 2023 18:48

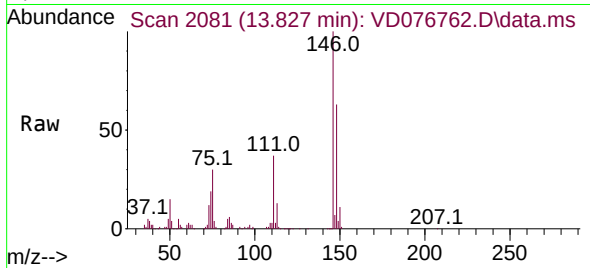
Tgt Ion:	117	Resp:	62935
Ion Ratio	Lower	Upper	
117	100		
201	65.2	38.5	115.5





#91
1,2-Dichlorobenzene
Concen: 49.274 ug/l
RT: 13.827 min Scan# 2081
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

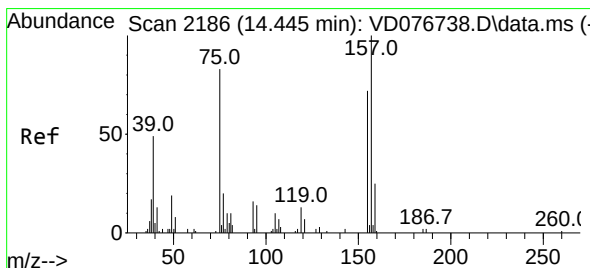
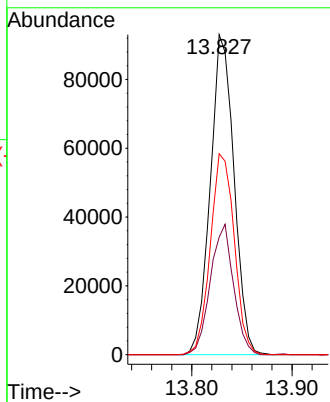
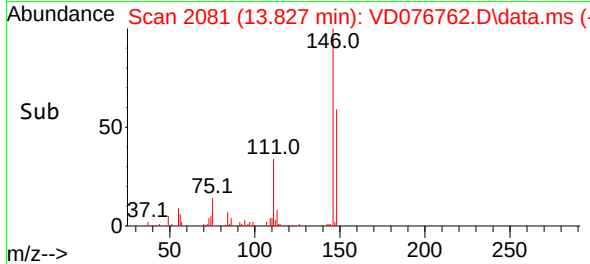
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



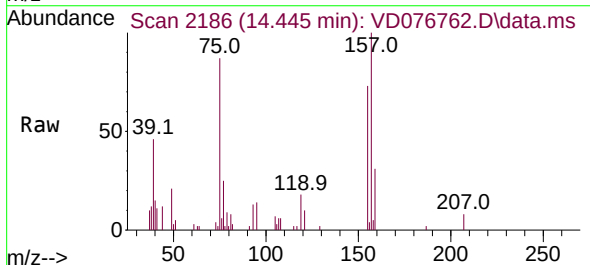
Tgt Ion:146 Resp: 152620
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 63.5 31.6 94.7

Manual Integrations
APPROVED

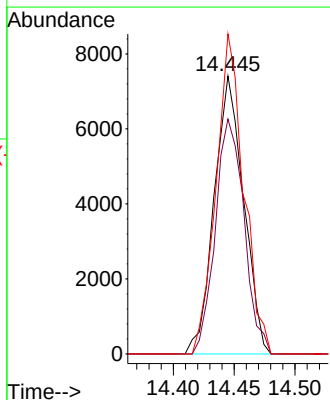
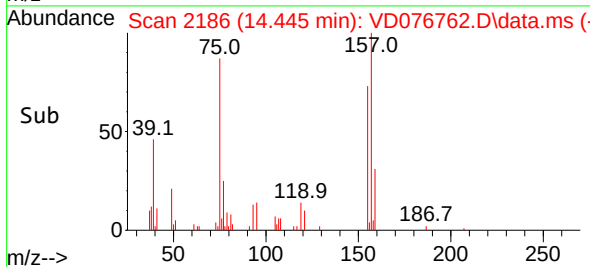
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

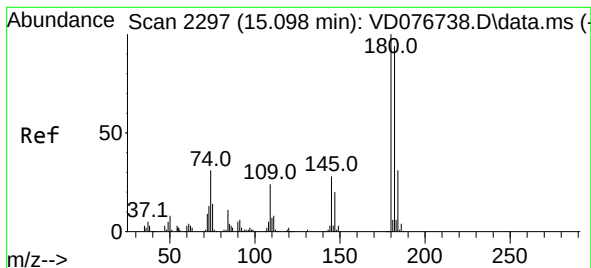


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.876 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48



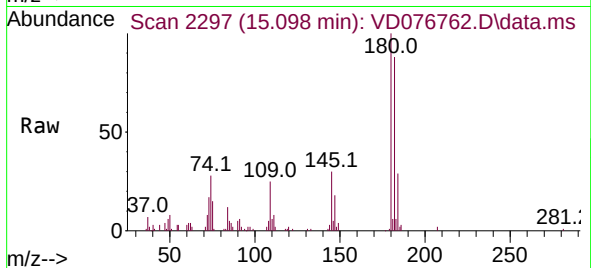
Tgt Ion: 75 Resp: 12438
Ion Ratio Lower Upper
75 100
155 82.6 47.9 143.8
157 108.3 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 37.706 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

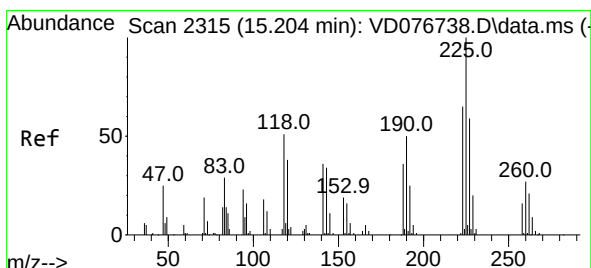
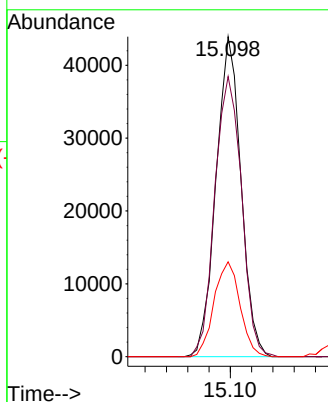
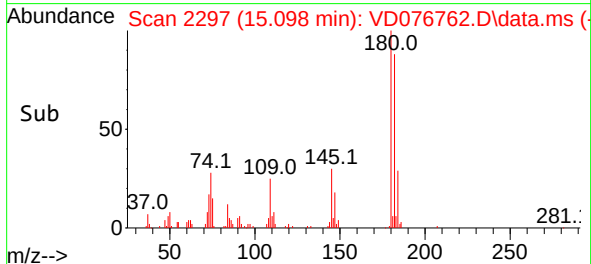
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



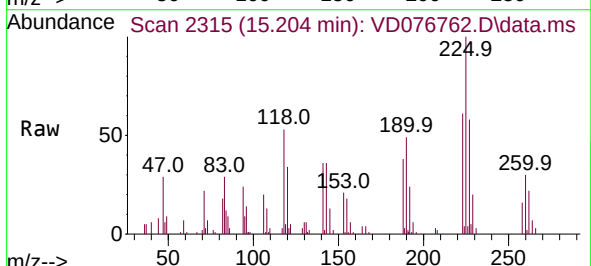
Tgt Ion:180 Resp: 7130
Ion Ratio Lower Upper
180 100
182 93.7 48.5 145.6
145 30.8 14.2 42.6

Manual Integrations
APPROVED

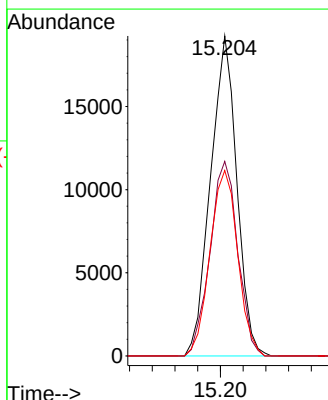
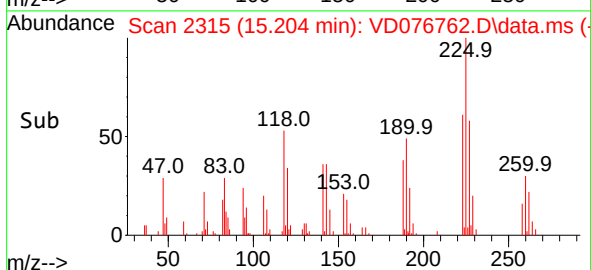
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

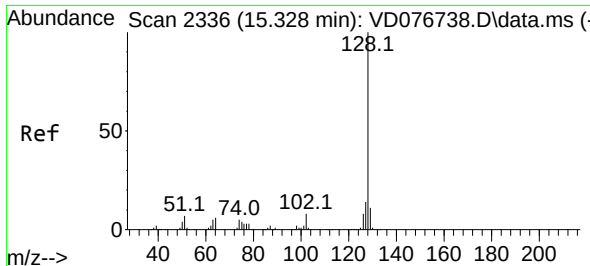


#94
Hexachlorobutadiene
Concen: 33.965 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48



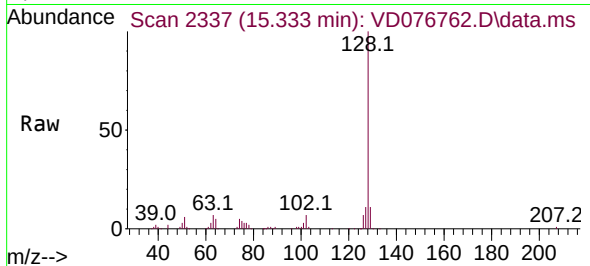
Tgt Ion:225 Resp: 30889
Ion Ratio Lower Upper
225 100
223 64.2 31.6 94.8
227 61.1 31.7 95.1





#95
Naphthalene
Concen: 44.653 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48

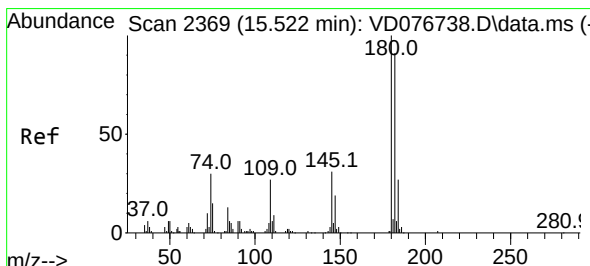
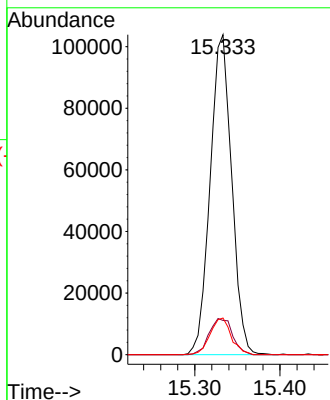
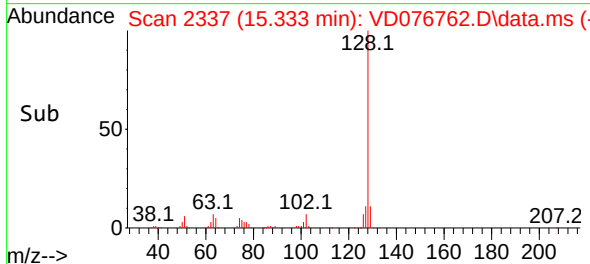
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MS



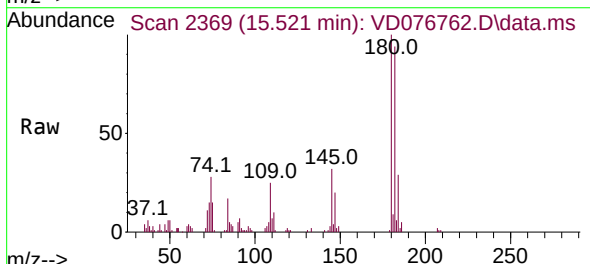
Tgt Ion:128 Resp: 182825
Ion Ratio Lower Upper
128 100
127 10.7 10.5 15.7
129 11.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#96
1,2,3-Trichlorobenzene
Concen: 38.061 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.001 min
Lab File: VD076762.D
Acq: 17 Jul 2023 18:48



Tgt Ion:180 Resp: 64587
Ion Ratio Lower Upper
180 100
182 90.1 47.3 141.9
145 31.7 15.1 45.3

