

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076763.D
 Acq On : 17 Jul 2023 19:17
 Operator : KP/SY
 Sample : 03645-10MSD
 Misc : 6.31G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Jul 18 01:24:53 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	7.875	168	154913	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	288394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	267266	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	117737	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.222	65	78835	51.093	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.180%			
35) Dibromofluoromethane	7.804	113	92680	51.140	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.280%			
50) Toluene-d8	10.269	98	311009	47.971	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.940%			
62) 4-Bromofluorobenzene	12.575	95	99127	47.263	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.520%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	69471	57.348	ug/l	95
3) Chloromethane	2.146	50	134731	64.474	ug/l	97
4) Vinyl Chloride	2.275	62	171460	61.551	ug/l	99
5) Bromomethane	2.681	94	121139	52.854	ug/l	99
6) Chloroethane	2.822	64	128270	60.988	ug/l	100
7) Trichlorofluoromethane	3.164	101	145713	58.787	ug/l	100
8) Diethyl Ether	3.587	74	56719	66.462	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.958	101	94082	57.743	ug/l	97
10) Methyl Iodide	4.152	142	110367	60.091	ug/l	93
11) Tert butyl alcohol	5.063	59	32739	284.343	ug/l	95
12) 1,1-Dichloroethene	3.934	96	88933	58.097	ug/l	96
13) Acrolein	3.787	56	13266	169.073	ug/l	99
14) Allyl chloride	4.558	41	120958	60.151	ug/l	94
15) Acrylonitrile	5.252	53	128926	307.590	ug/l	98
16) Acetone	4.016	43	111861	303.560	ug/l	92
17) Carbon Disulfide	4.258	76	204615	57.230	ug/l	98
18) Methyl Acetate	4.558	43	111312	80.399	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	261058	63.594	ug/l	100
20) Methylene Chloride	4.793	84	147965	71.956	ug/l	89
21) trans-1,2-Dichloroethene	5.305	96	104331	58.634	ug/l	94
22) Diisopropyl ether	6.216	45	311139	65.340	ug/l	97
23) Vinyl Acetate	6.152	43	483800m	205.341	ug/l	
24) 1,1-Dichloroethane	6.105	63	202824	63.173	ug/l	96
25) 2-Butanone	7.081	43	151760	307.719	ug/l	90
26) 2,2-Dichloropropane	7.069	77	149668	54.078	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	139774	63.721	ug/l	99
28) Bromochloromethane	7.422	49	41332	51.492	ug/l	85
29) Tetrahydrofuran	7.440	42	89024	305.517	ug/l	93
30) Chloroform	7.599	83	228033	64.847	ug/l	96
31) Cyclohexane	7.875	56	115712	50.957	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	174419	61.476	ug/l	99
36) 1,1-Dichloropropene	8.004	75	135848	57.364	ug/l	96
37) Ethyl Acetate	7.169	43	53075	50.115	ug/l	97
38) Carbon Tetrachloride	7.993	117	133925	59.061	ug/l	99
39) Methylcyclohexane	9.269	83	136811	50.033	ug/l	95
40) Benzene	8.252	78	453946	60.752	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	35915	55.533	ug/l #	94
42) 1,2-Dichloroethane	8.322	62	124536	64.145	ug/l	98
43) Isopropyl Acetate	8.363	43	112697	54.525	ug/l	96
44) Trichloroethene	9.028	130	115528	56.738	ug/l	87
45) 1,2-Dichloropropane	9.304	63	119898	62.161	ug/l	92
46) Dibromomethane	9.393	93	72106	63.866	ug/l	89
47) Bromodichloromethane	9.581	83	176684	62.361	ug/l	98
48) Methyl methacrylate	9.381	41	62712	66.665	ug/l #	81
49) 1,4-Dioxane	9.381	88	17274	1194.182	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	331913	301.610	ug/l	93
52) Toluene	10.334	92	289171	58.924	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	155141	58.994	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	186302	60.111	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	100337	60.860	ug/l	96
56) Ethyl methacrylate	10.598	69	108158	56.839	ug/l	93
57) 1,3-Dichloropropane	10.875	76	158597	59.070	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	174837	237.369	ug/l	98
59) 2-Hexanone	10.922	43	230885	294.034	ug/l	92
60) Dibromochloromethane	11.075	129	121354	63.362	ug/l	98
61) 1,2-Dibromoethane	11.175	107	91781	60.046	ug/l	99
64) Tetrachloroethene	10.810	164	121928	80.005	ug/l	93
65) Chlorobenzene	11.604	112	311278	57.909	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	122078	61.001	ug/l	97
67) Ethyl Benzene	11.681	91	537090	56.895	ug/l	97
68) m/p-Xylenes	11.793	106	412710	113.834	ug/l	93
69) o-Xylene	12.122	106	205130	58.509	ug/l	93
70) Styrene	12.134	104	358738	58.451	ug/l	98
71) Bromoform	12.298	173	68844	62.811	ug/l #	97
73) Isopropylbenzene	12.422	105	499749	58.504	ug/l	95
74) N-amyl acetate	12.234	43	91328	50.750	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	113347	61.802	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	70732m	63.173	ug/l	
77) Bromobenzene	12.698	156	122885	62.324	ug/l	89
78) n-propylbenzene	12.763	91	586382	56.624	ug/l	95
79) 2-Chlorotoluene	12.851	91	333506	58.735	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	399207	57.797	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	31516	59.906	ug/l	96
82) 4-Chlorotoluene	12.945	91	341690	57.603	ug/l	96
83) tert-Butylbenzene	13.163	119	344874	56.708	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	412437	58.433	ug/l	95
85) sec-Butylbenzene	13.345	105	500818	53.900	ug/l	95
86) p-Isopropyltoluene	13.463	119	409013	53.301	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	226560	55.865	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	222247	55.935	ug/l	98
89) n-Butylbenzene	13.787	91	356090	47.422	ug/l	98
90) Hexachloroethane	14.051	117	81265	57.282	ug/l	85
91) 1,2-Dichlorobenzene	13.828	146	207760	58.138	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	16067	61.441	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	101738	46.633	ug/l	96
94) Hexachlorobutadiene	15.204	225	38306	36.508	ug/l	98
95) Naphthalene	15.328	128	247308	52.353	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	91521	46.747	ug/l	99

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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

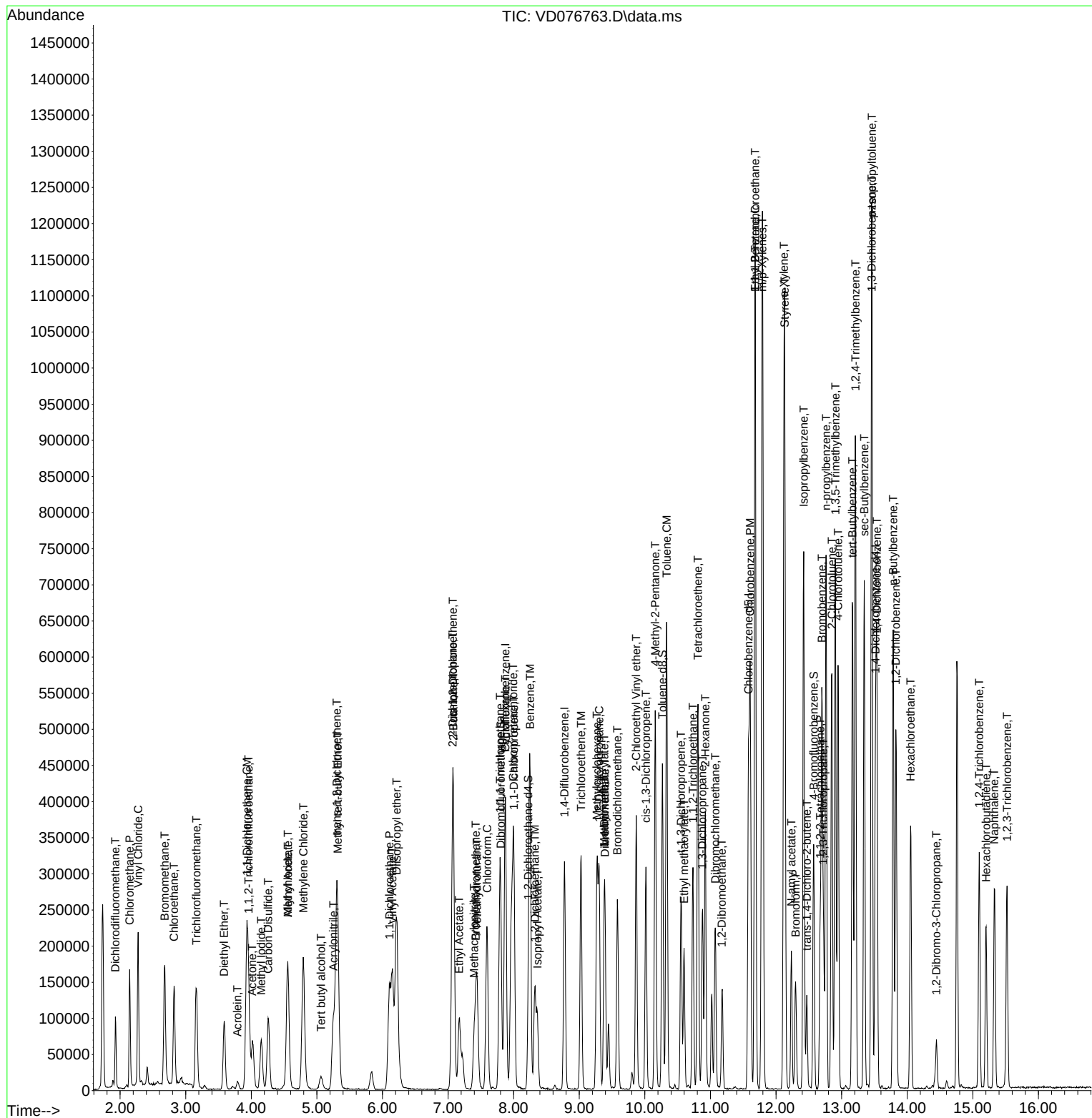
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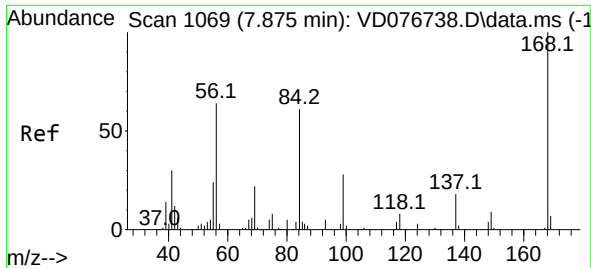
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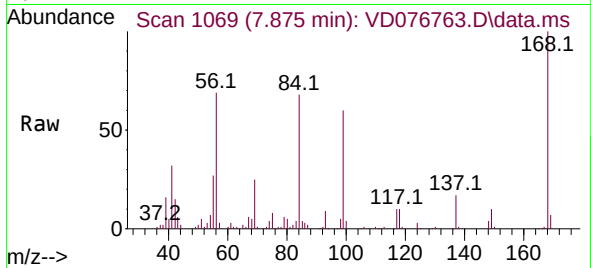
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076763.D
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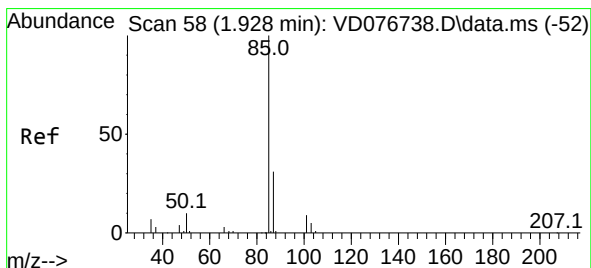
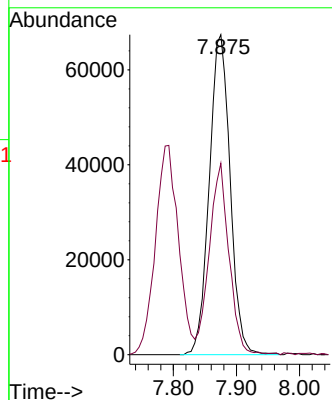
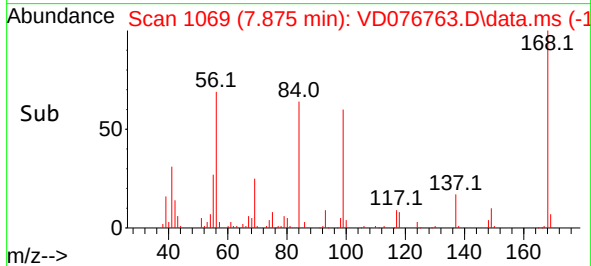
Instrument :
MSVOA_D
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Tgt Ion:168 Resp: 15491
Ion Ratio Lower Upper
168 100
99 59.8 36.7 55.1

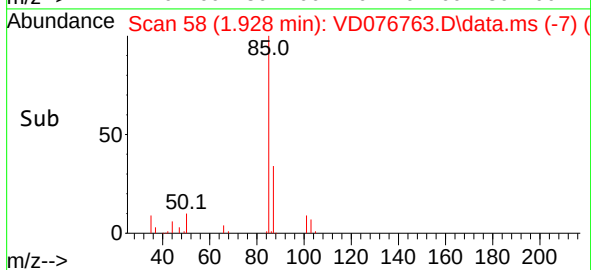
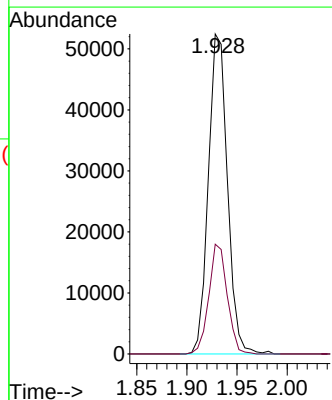
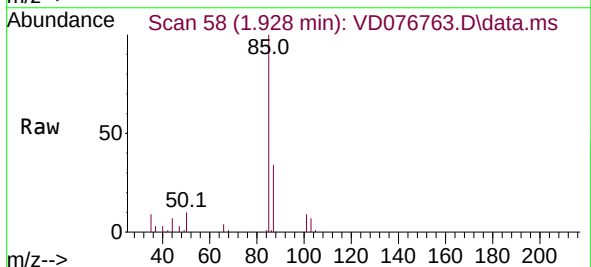
Manual Integrations
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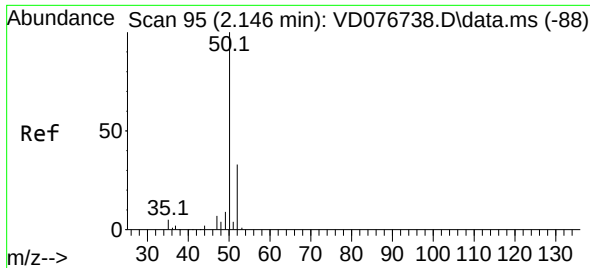
Reviewed By :John Carlone 07/18/2023
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#2
Dichlorodifluoromethane
Concen: 57.348 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

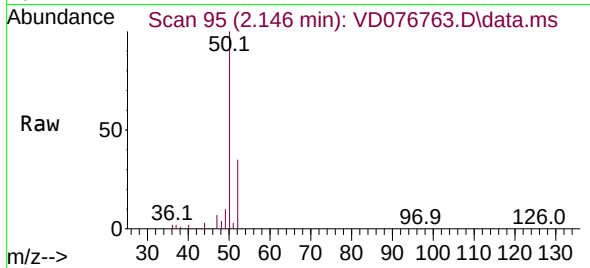
Tgt Ion: 85 Resp: 69471
Ion Ratio Lower Upper
85 100
87 34.3 15.7 47.0





#3
Chloromethane
Concen: 64.474 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

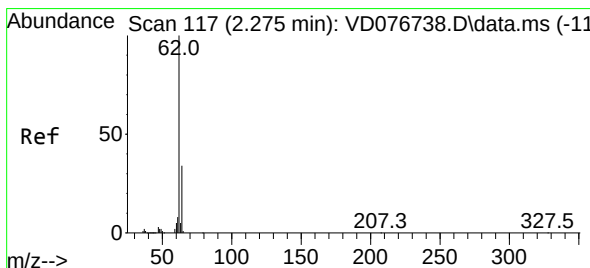
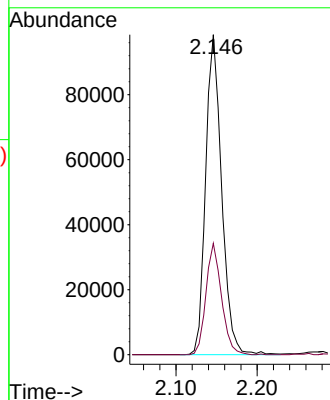
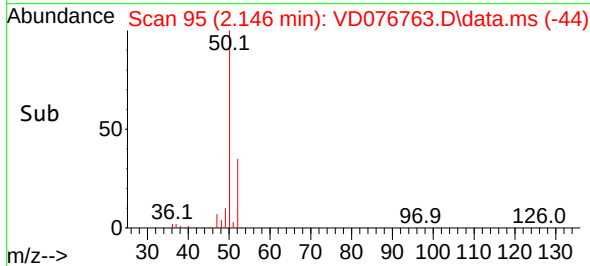
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Tgt Ion: 50 Resp: 13473
Ion Ratio Lower Upper
50 100
52 34.8 26.6 40.0

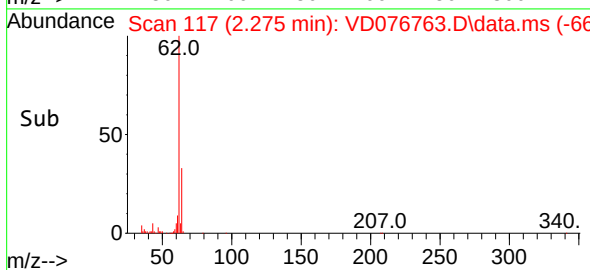
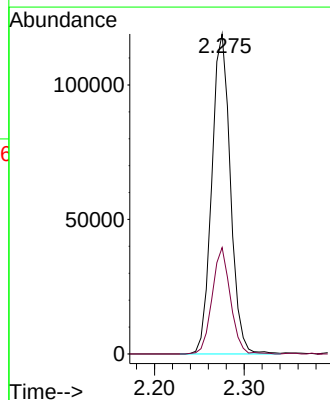
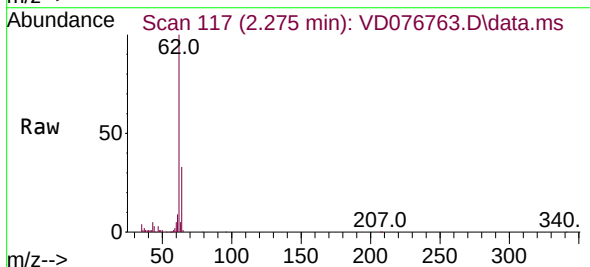
Manual Integrations
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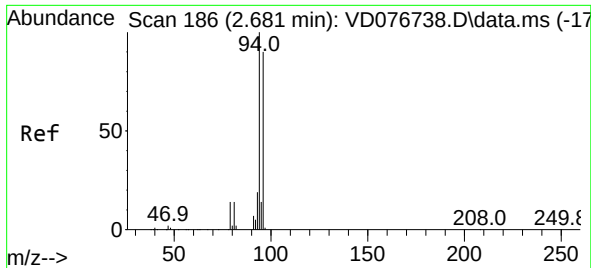
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#4
Vinyl Chloride
Concen: 61.551 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

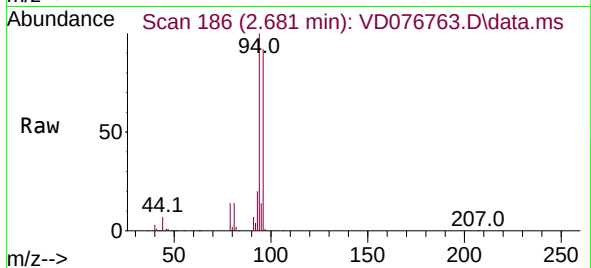
Tgt Ion: 62 Resp: 171460
Ion Ratio Lower Upper
62 100
64 33.2 26.0 39.0





#5
Bromomethane
Concen: 52.854 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

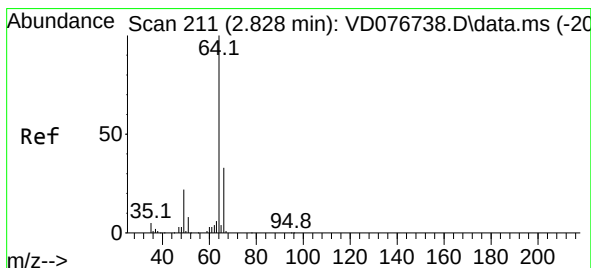
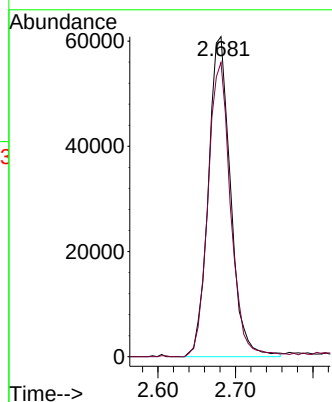
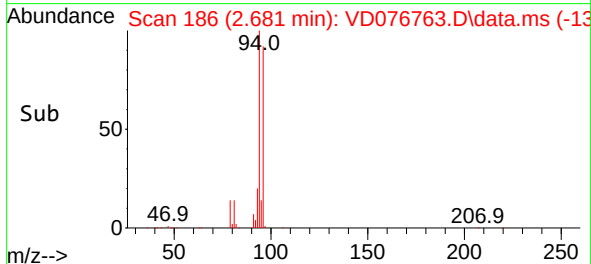
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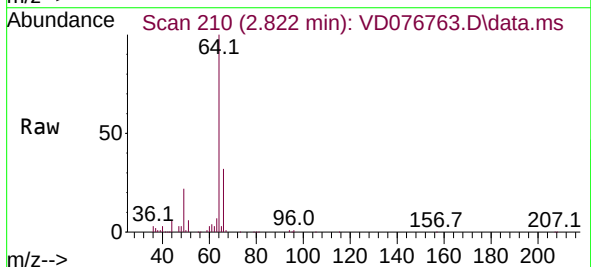
Tgt Ion: 94 Resp: 121139
Ion Ratio Lower Upper
94 100
96 93.9 75.8 113.8

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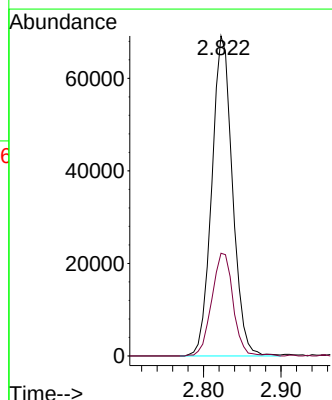
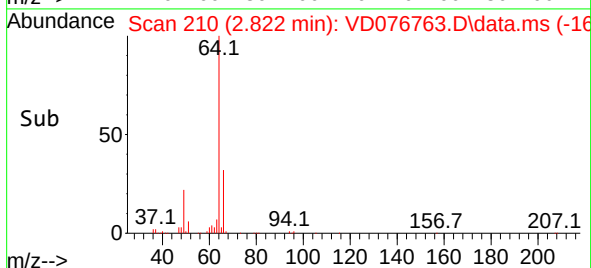
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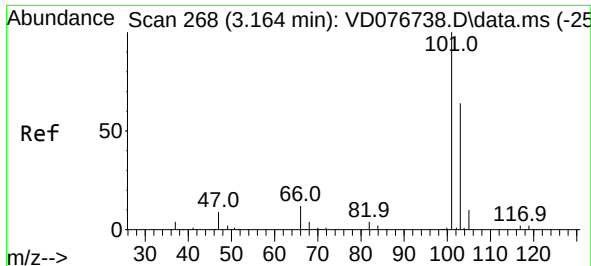


#6
Chloroethane
Concen: 60.988 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



Tgt Ion: 64 Resp: 128270
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3





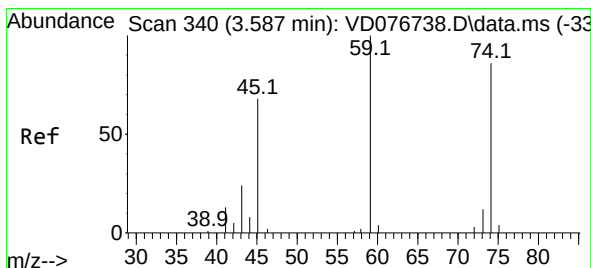
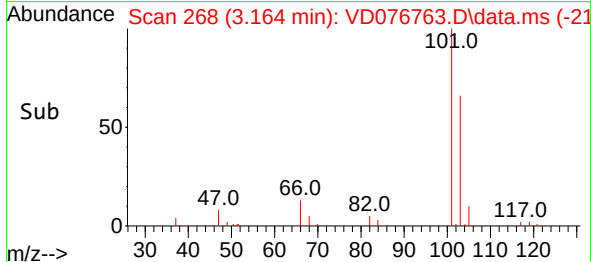
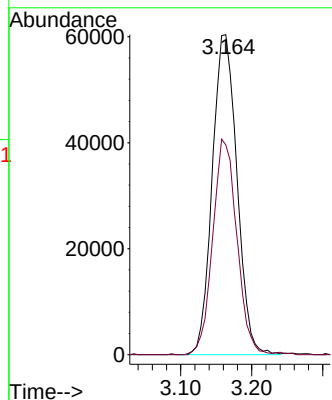
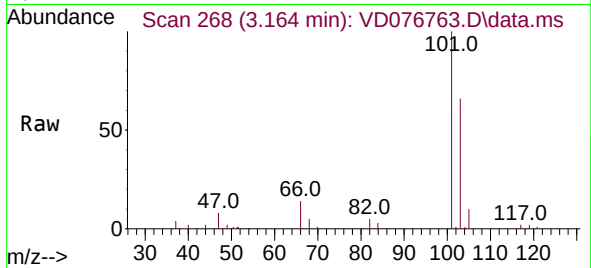
#7
 Trichlorofluoromethane
 Concen: 58.787 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076763.D
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Tgt Ion:101 Resp: 14571
 Ion Ratio Lower Upper
 101 100
 103 65.5 52.3 78.5

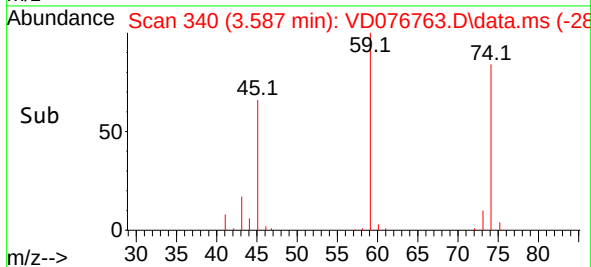
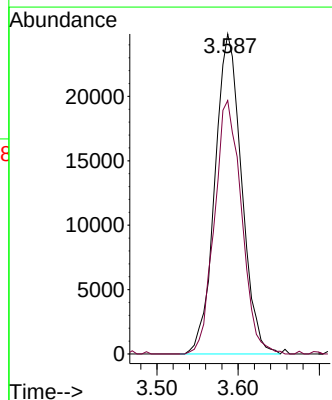
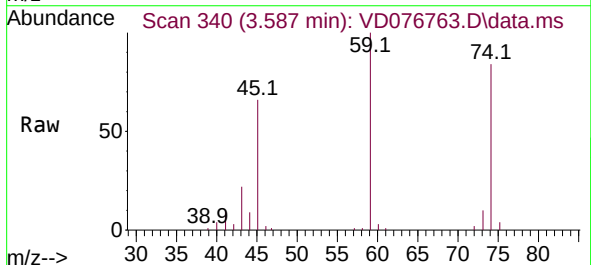
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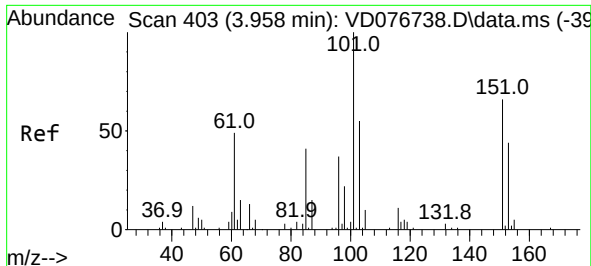
Reviewed By :John Carlone 07/18/2023
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#8
 Diethyl Ether
 Concen: 66.462 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076763.D
 Acq: 17 Jul 2023 19:17

Tgt Ion: 74 Resp: 56719
 Ion Ratio Lower Upper
 74 100
 45 80.4 37.5 112.7





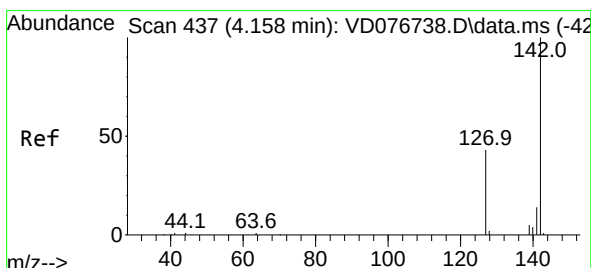
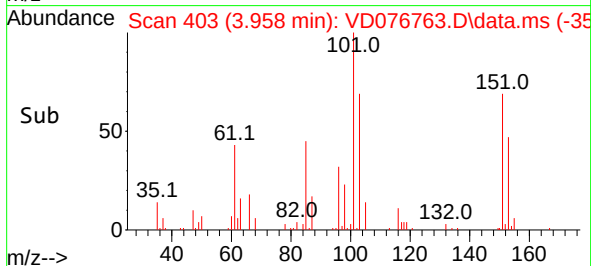
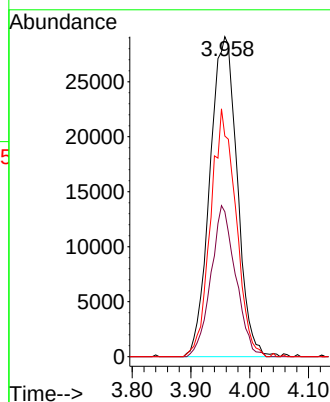
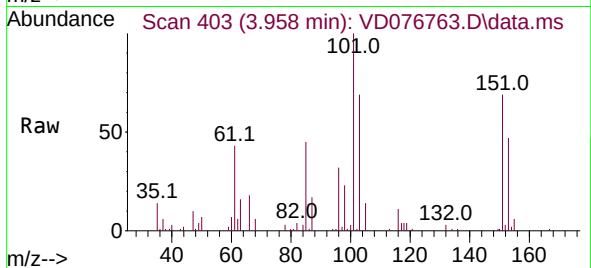
#9
1,1,2-Trichlorotrifluoroethane
Concen: 57.743 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

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

Tgt Ion:101 Resp: 9408
Ion Ratio Lower Upper
101 100
85 42.7 33.8 50.6
151 71.4 59.8 89.6

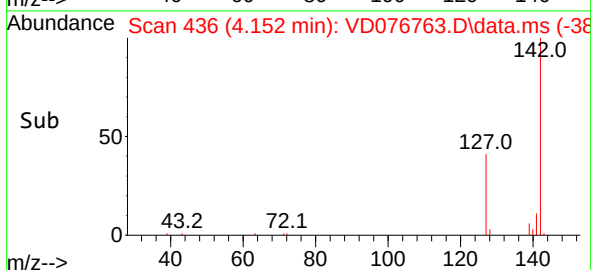
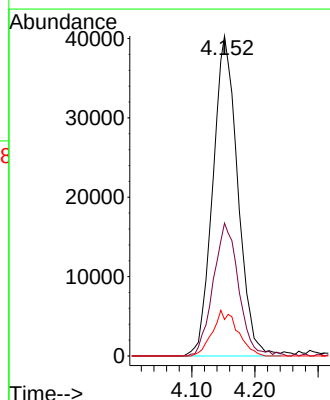
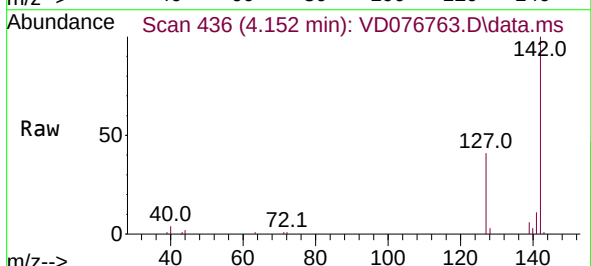
Manual Integrations
APPROVED

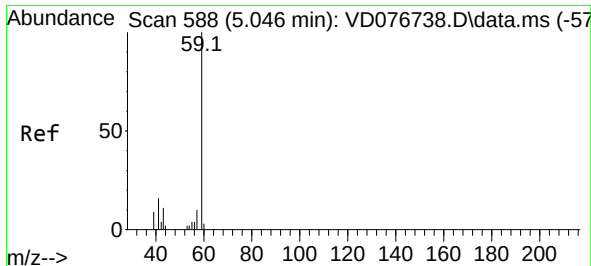
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 60.091 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

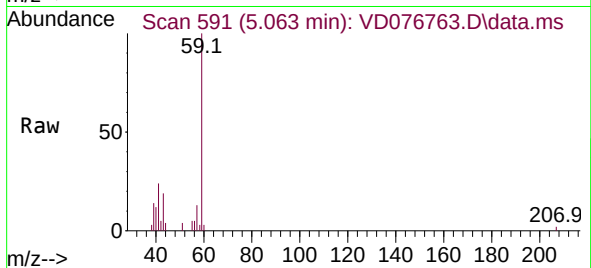
Tgt Ion:142 Resp: 110367
Ion Ratio Lower Upper
142 100
127 42.5 29.4 44.0
141 14.4 11.1 16.7





#11
Tert butyl alcohol
Concen: 284.343 ug/l
RT: 5.063 min Scan# 591
Delta R.T. 0.017 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

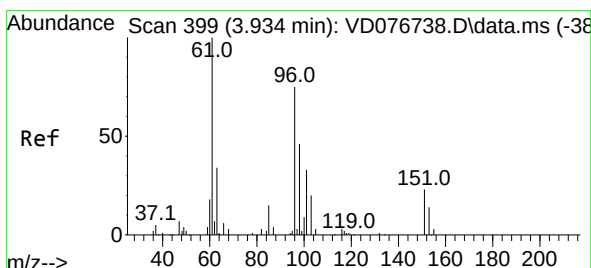
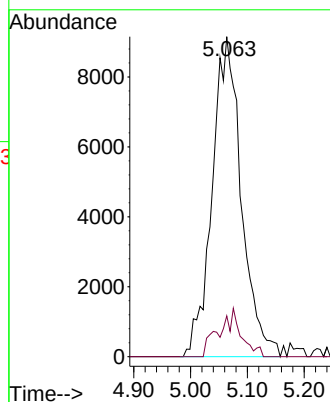
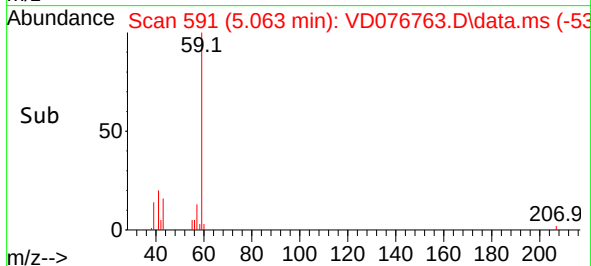
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 59 Resp: 32739
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8

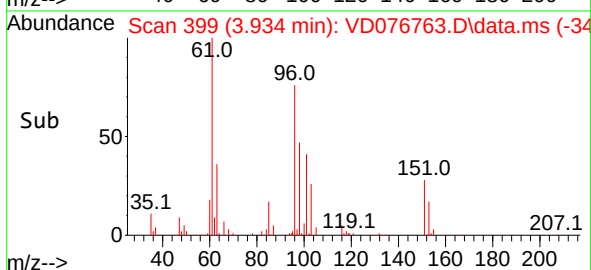
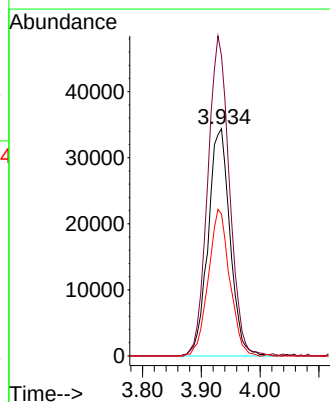
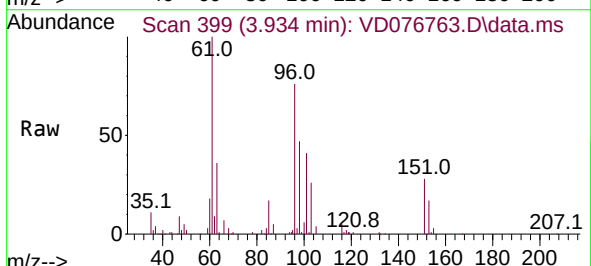
Manual Integrations
APPROVED

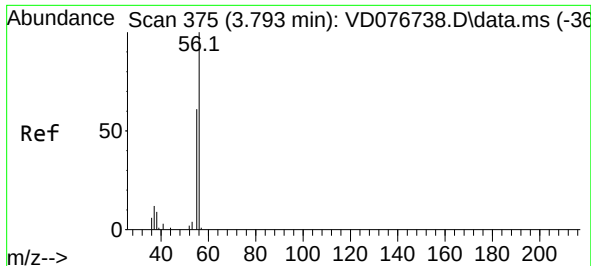
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#12
1,1-Dichloroethene
Concen: 58.097 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

Tgt Ion: 96 Resp: 88933
Ion Ratio Lower Upper
96 100
61 132.1 100.6 150.8
98 62.5 50.2 75.2





#13

Acrolein

Concen: 169.073 ug/l

RT: 3.787 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD076763.D

Acq: 17 Jul 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MSD

Tgt Ion: 56 Resp: 1326

Ion Ratio Lower Upper

56 100

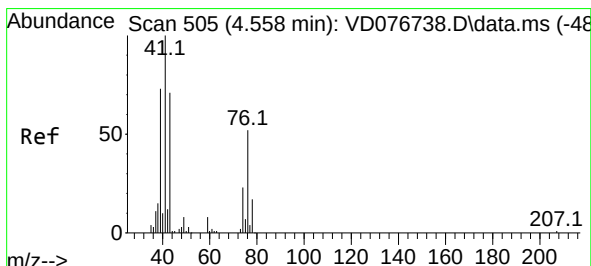
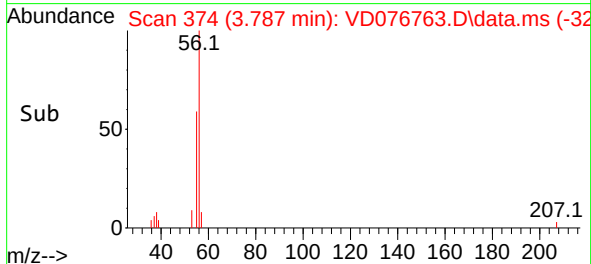
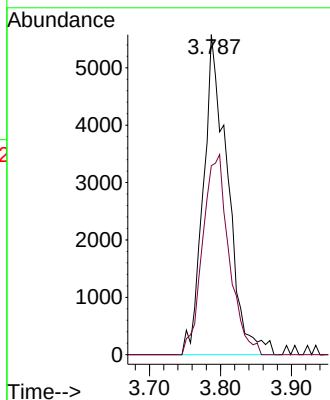
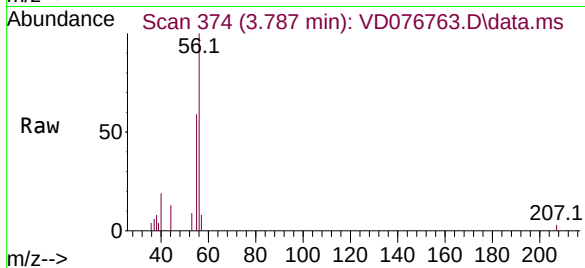
55 68.1 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#14

Allyl chloride

Concen: 60.151 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD076763.D

Acq: 17 Jul 2023 19:17

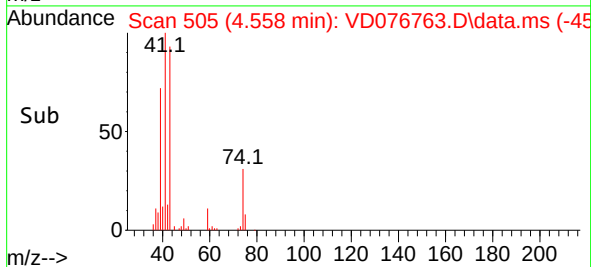
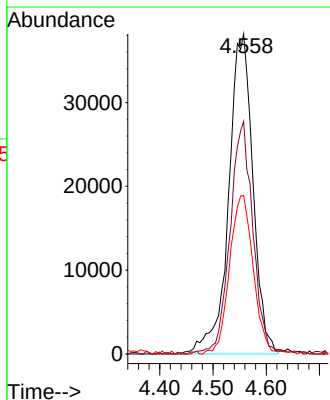
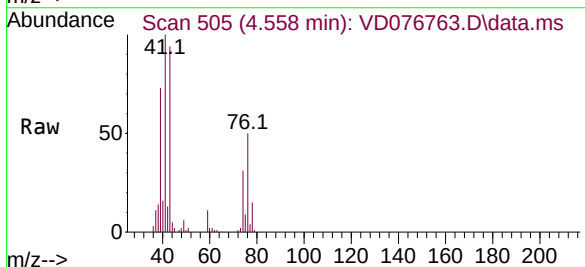
Tgt Ion: 41 Resp: 120958

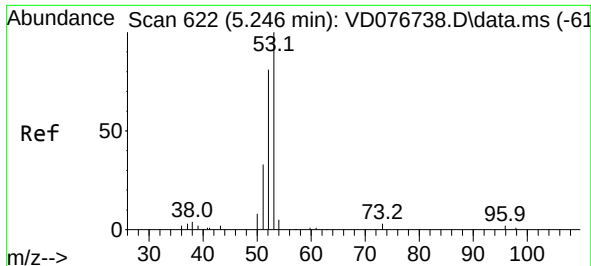
Ion Ratio Lower Upper

41 100

39 68.4 53.8 80.6

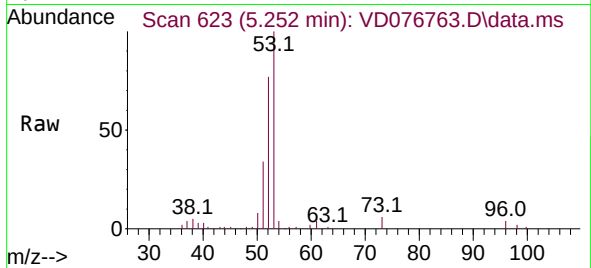
76 48.4 45.8 68.8





#15
Acrylonitrile
Concen: 307.590 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

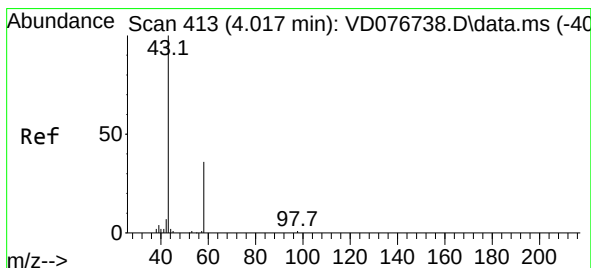
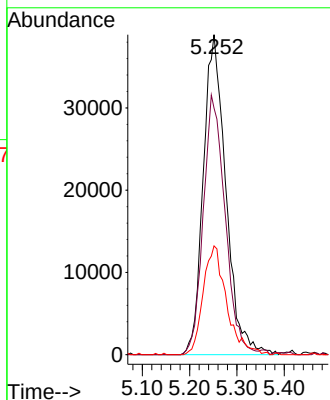
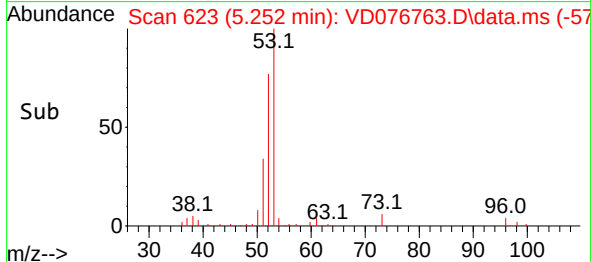
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 53 Resp: 128920
Ion Ratio Lower Upper
53 100
52 78.3 65.0 97.4
51 35.3 28.3 42.5

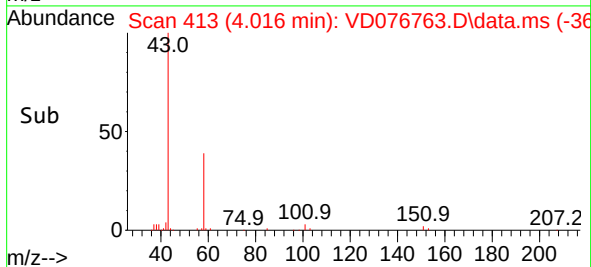
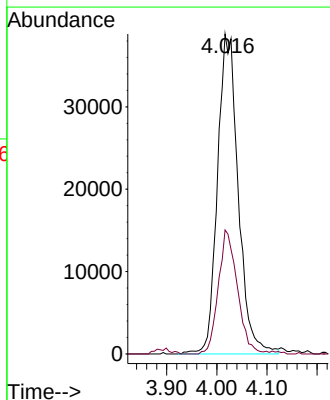
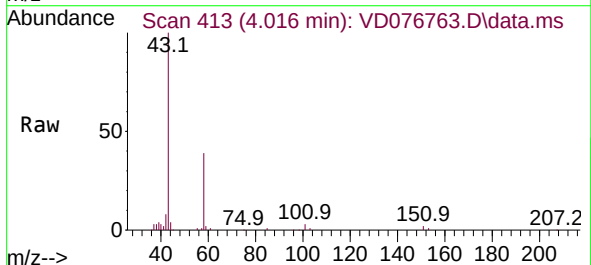
Manual Integrations
APPROVED

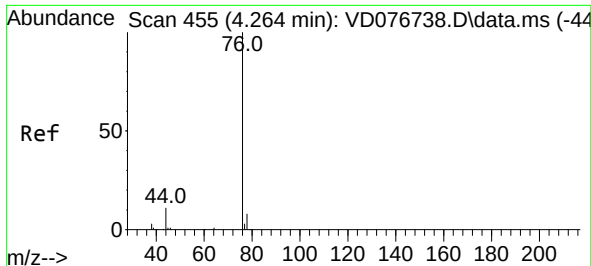
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 303.560 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

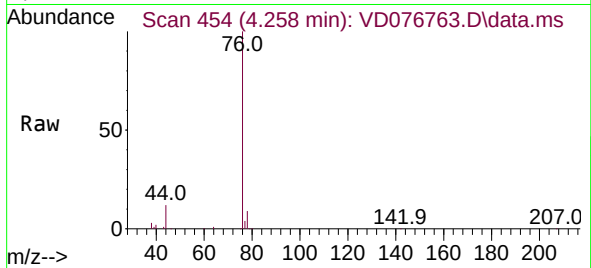
Tgt Ion: 43 Resp: 111861
Ion Ratio Lower Upper
43 100
58 38.2 34.7 52.1





#17
Carbon Disulfide
Concen: 57.230 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

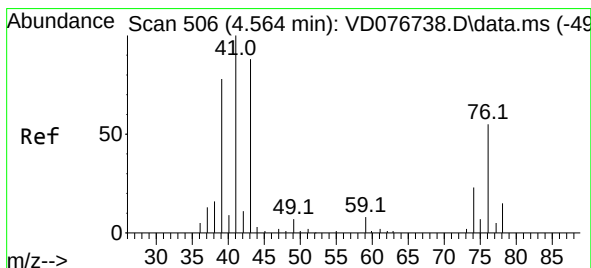
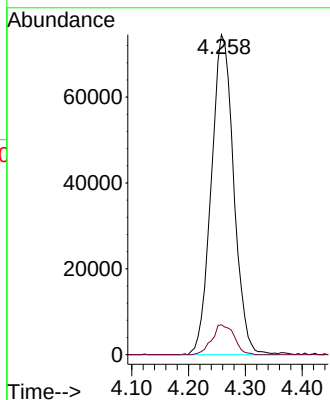
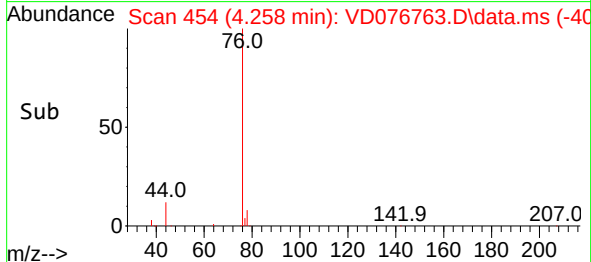
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 76 Resp: 20461
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2

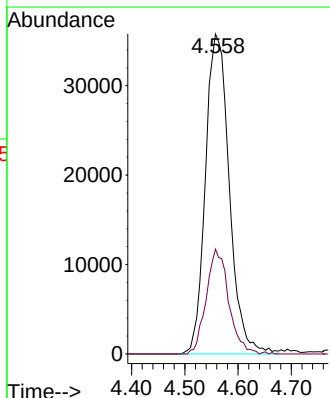
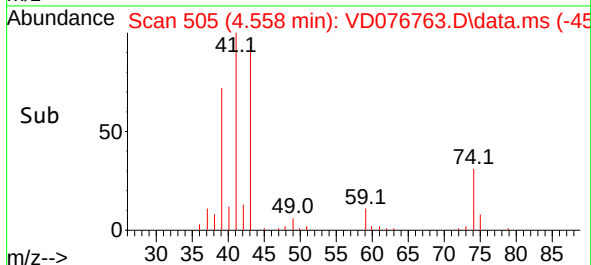
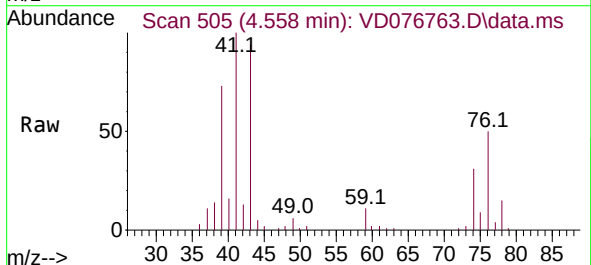
Manual Integrations
APPROVED

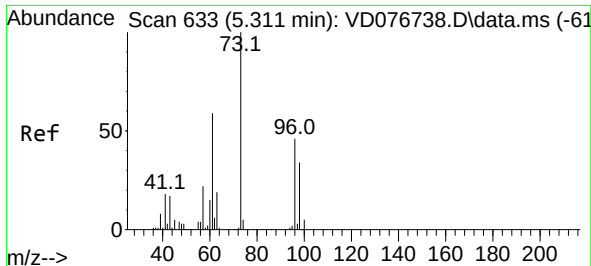
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#18
Methyl Acetate
Concen: 80.399 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

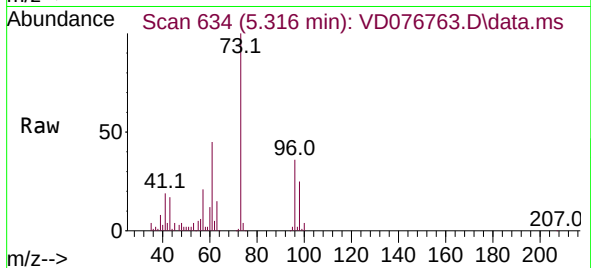
Tgt Ion: 43 Resp: 111312
Ion Ratio Lower Upper
43 100
74 30.7 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 63.594 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

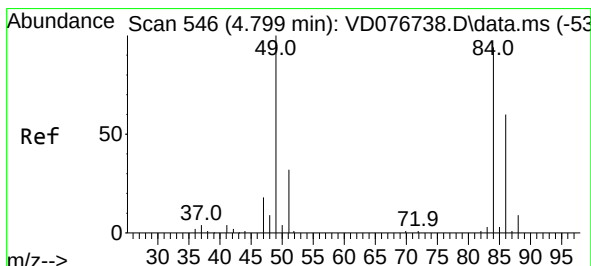
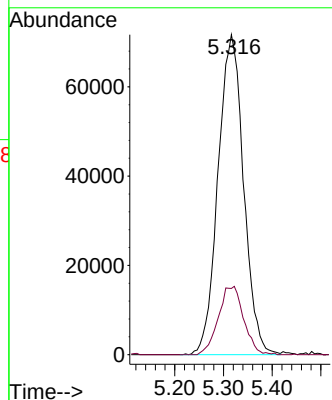
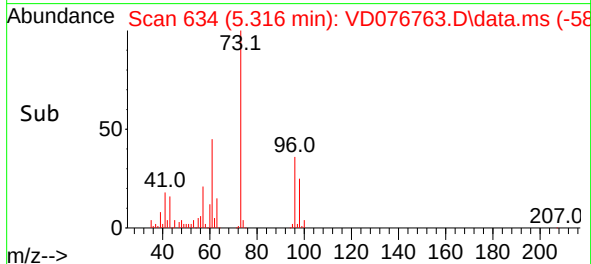
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 73 Resp: 261058
Ion Ratio Lower Upper
73 100
57 20.7 16.6 25.0

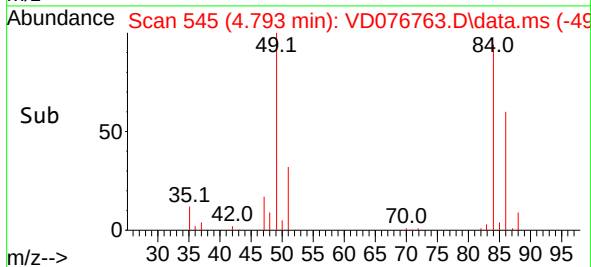
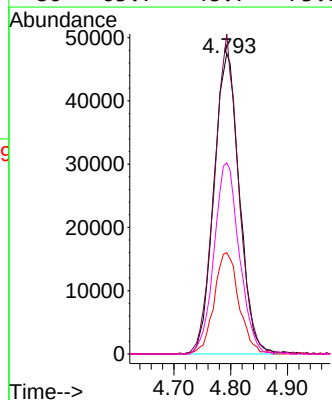
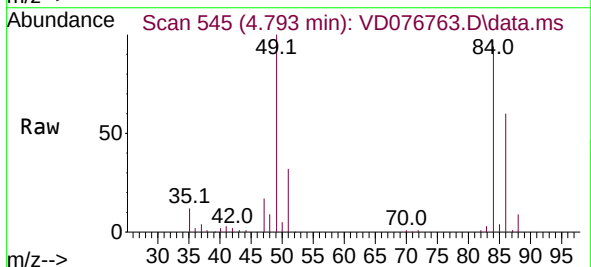
Manual Integrations
APPROVED

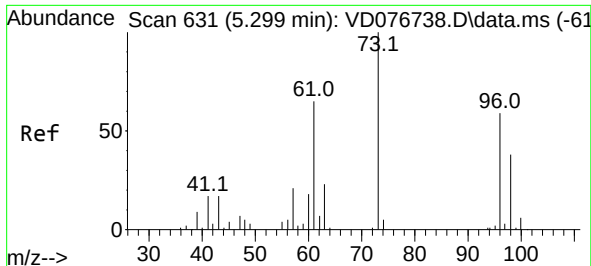
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#20
Methylene Chloride
Concen: 71.956 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

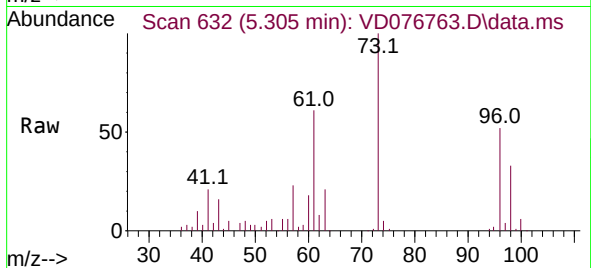
Tgt Ion: 84 Resp: 147965
Ion Ratio Lower Upper
84 100
49 106.2 71.4 107.2
51 33.7 24.5 36.7
86 63.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 58.634 ug/l
RT: 5.305 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

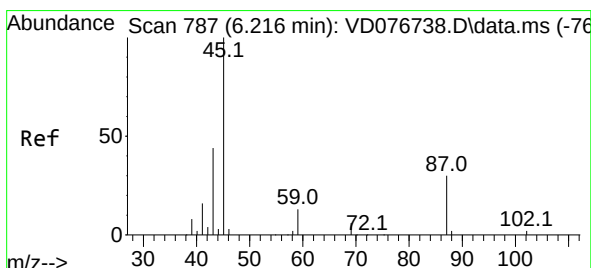
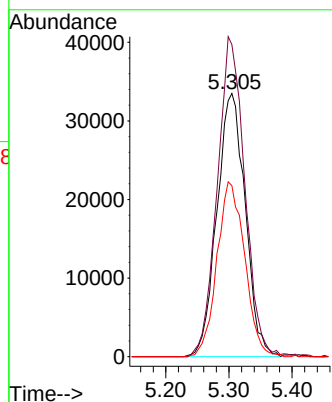
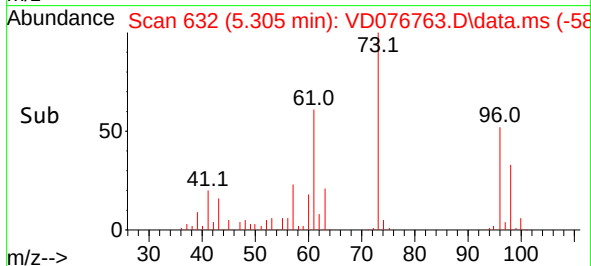
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 96 Resp: 10433
Ion Ratio Lower Upper
96 100
61 118.6 89.3 133.9
98 65.0 48.6 73.0

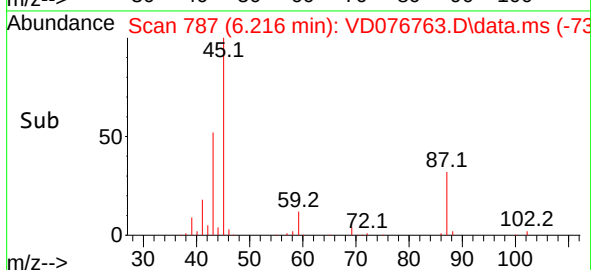
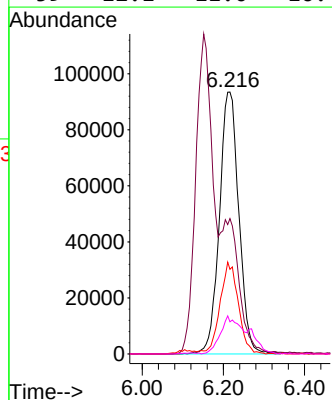
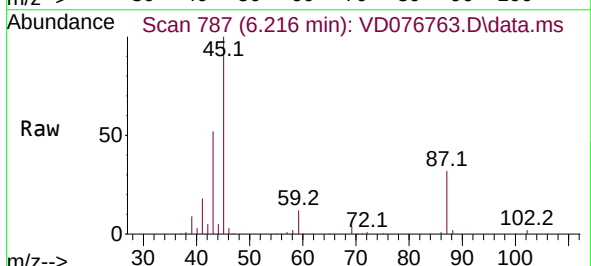
Manual Integrations
APPROVED

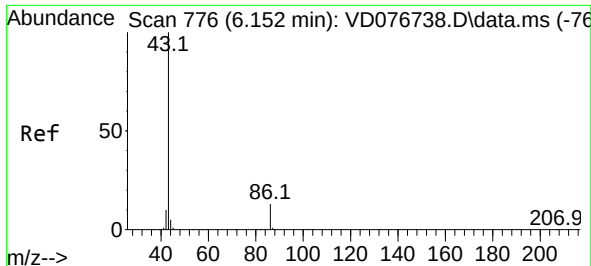
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#22
Diisopropyl ether
Concen: 65.340 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

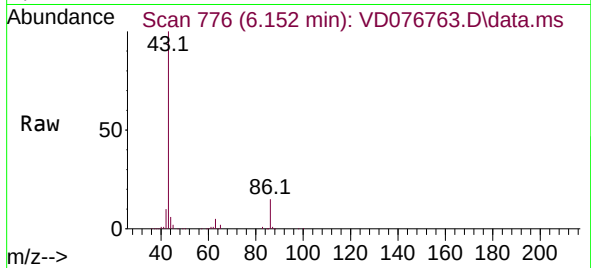
Tgt Ion: 45 Resp: 311139
Ion Ratio Lower Upper
45 100
43 51.2 40.0 60.0
87 32.3 28.2 42.4
59 12.1 11.0 16.4





#23
 Vinyl Acetate
 Concen: 205.341 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076763.D
 Acq: 17 Jul 2023 19:17

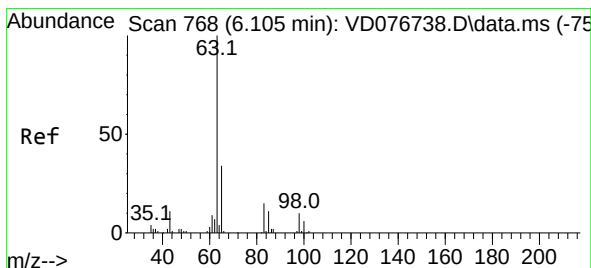
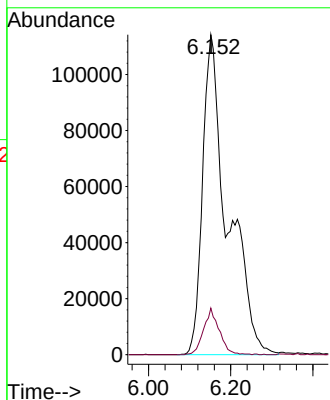
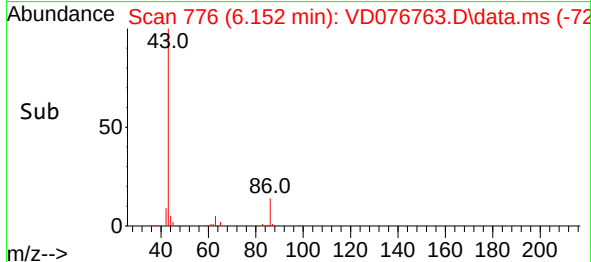
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MSD



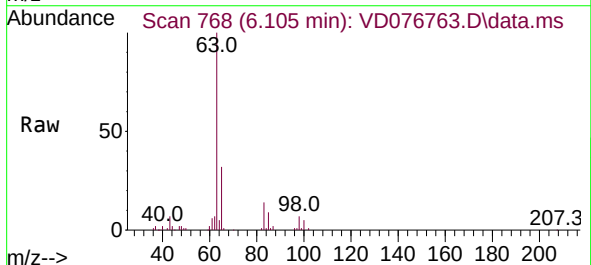
Tgt Ion: 43 Resp: 483800
 Ion Ratio Lower Upper
 43 100
 86 14.5 12.5 18.7

Manual Integrations
 APPROVED

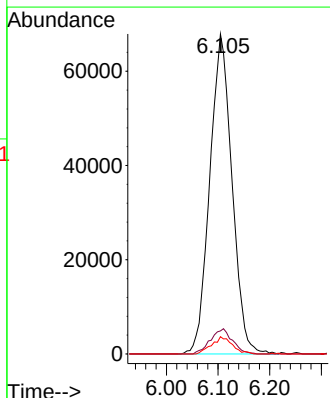
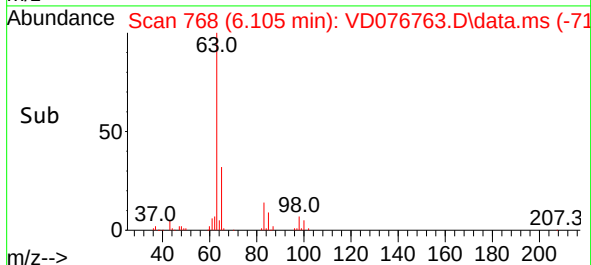
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

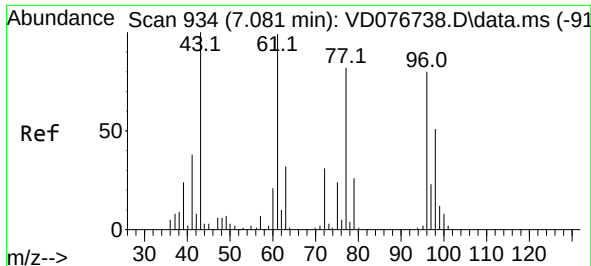


#24
 1,1-Dichloroethane
 Concen: 63.173 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076763.D
 Acq: 17 Jul 2023 19:17



Tgt Ion: 63 Resp: 202824
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 5.4 2.5 7.5





#25

2-Butanone

Concen: 307.719 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076763.D

Acq: 17 Jul 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MSD

Tgt Ion: 43 Resp: 151760

Ion Ratio Lower Upper

43 100

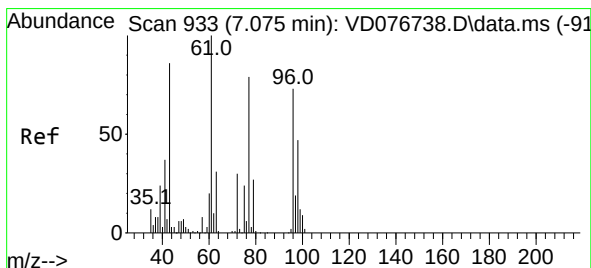
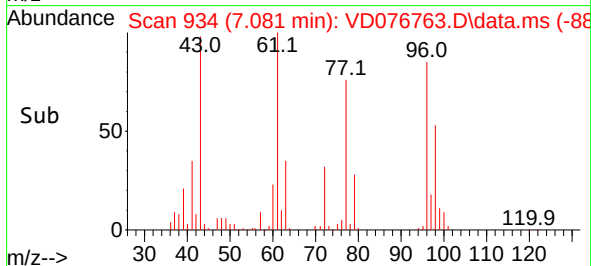
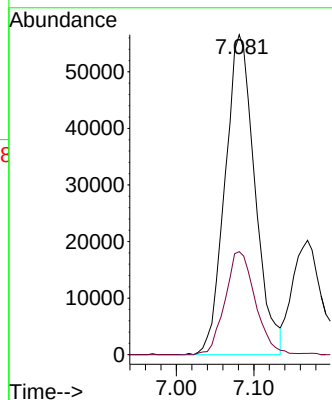
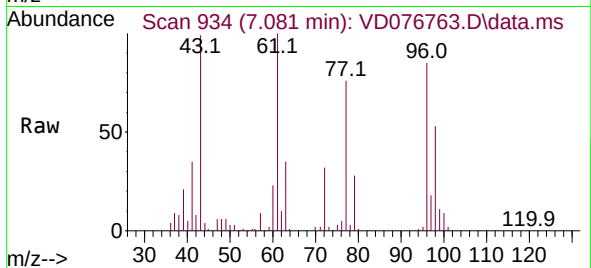
72 32.2 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#26

2,2-Dichloropropane

Concen: 54.078 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076763.D

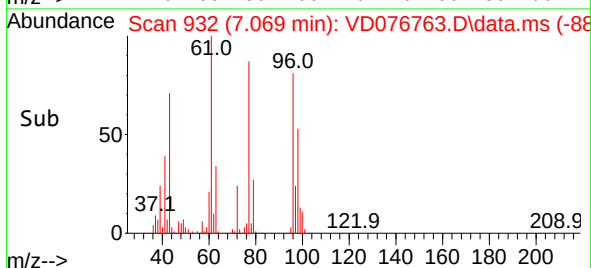
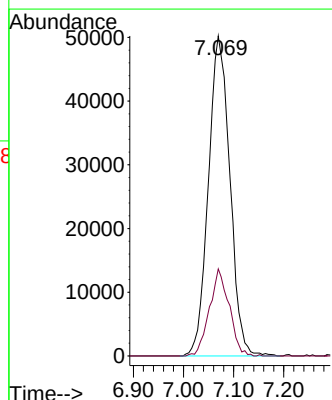
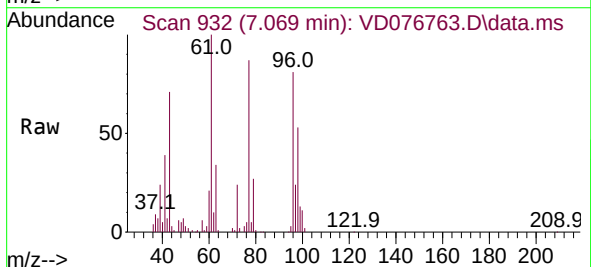
Acq: 17 Jul 2023 19:17

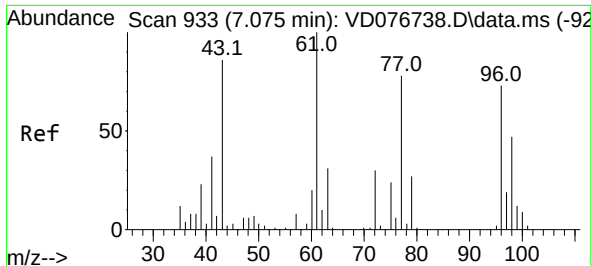
Tgt Ion: 77 Resp: 149668

Ion Ratio Lower Upper

77 100

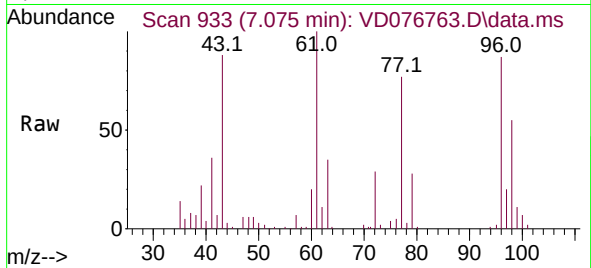
97 25.0 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 63.721 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076763.D
 Acq: 17 Jul 2023 19:17

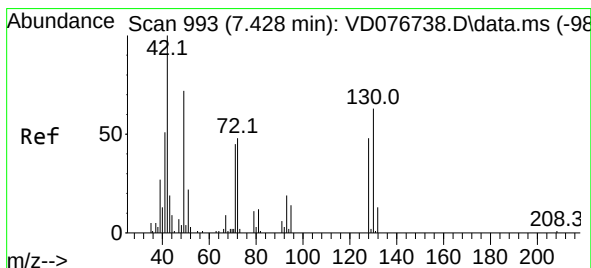
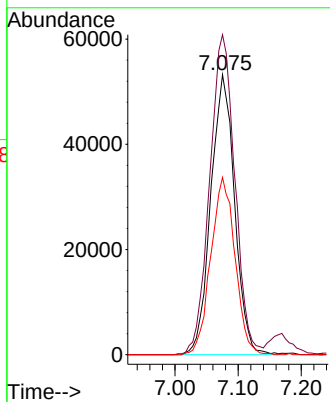
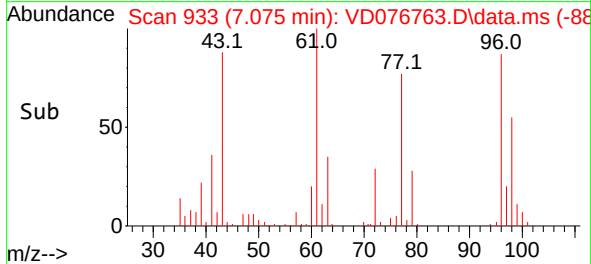
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MSD



Tgt Ion: 96 Resp: 139774
 Ion Ratio Lower Upper
 96 100
 61 120.7 0.0 239.2
 98 64.3 0.0 128.6

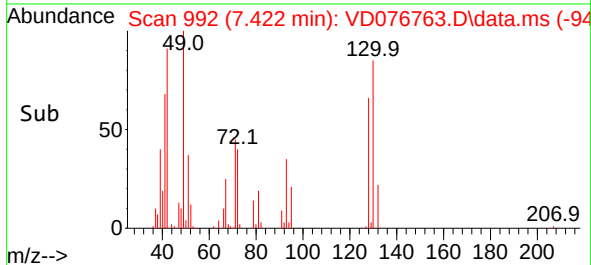
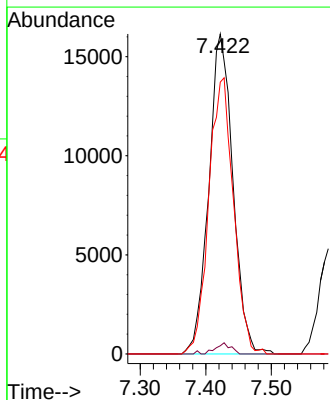
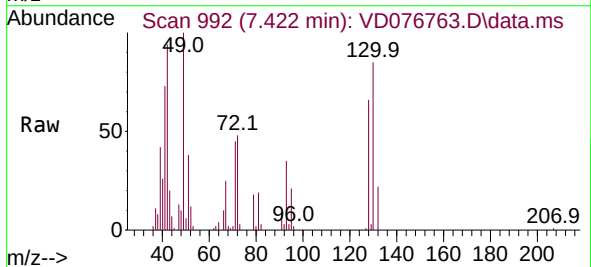
Manual Integrations
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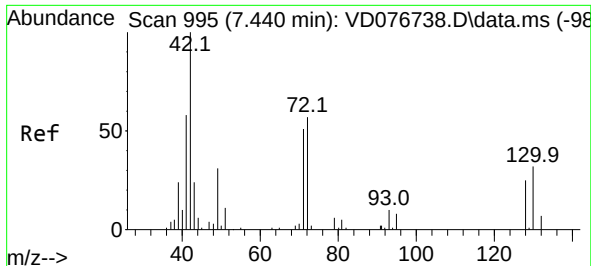
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#28
 Bromochloromethane
 Concen: 51.492 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076763.D
 Acq: 17 Jul 2023 19:17

Tgt Ion: 49 Resp: 41332
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 6.0
 130 88.0 83.2 124.8





#29

Tetrahydrofuran

Concen: 305.517 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076763.D

Acq: 17 Jul 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MSD

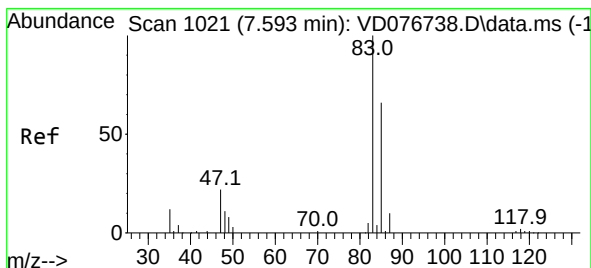
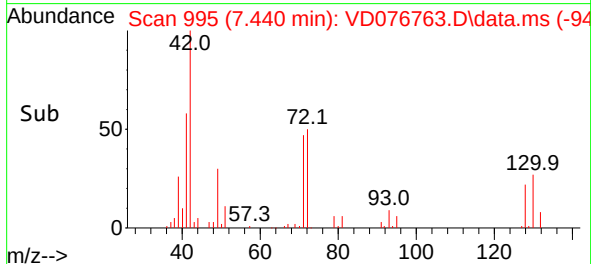
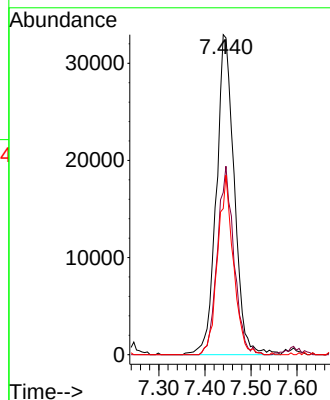
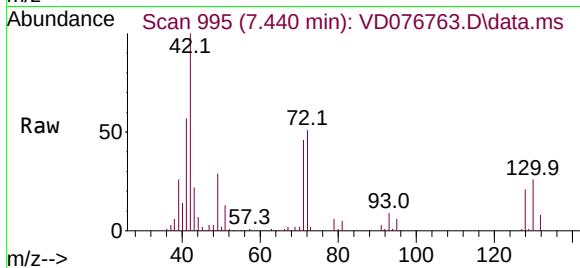
Tgt Ion:	42	Resp:	89024
Ion Ratio	Lower	Upper	
42	100		
72	54.3	46.5	69.7
71	49.2	44.5	66.7

Manual Integrations

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Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 64.847 ug/l

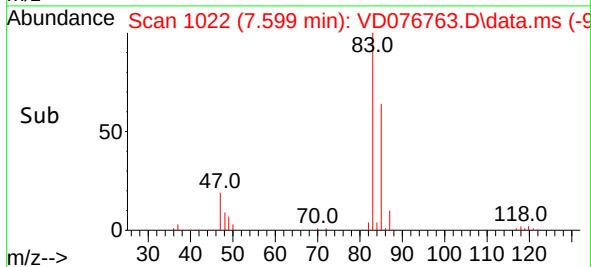
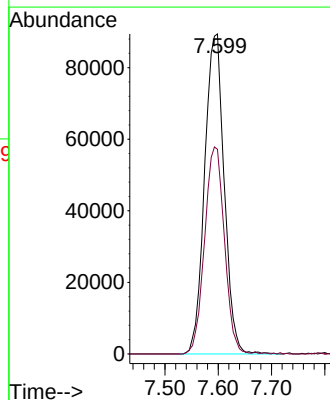
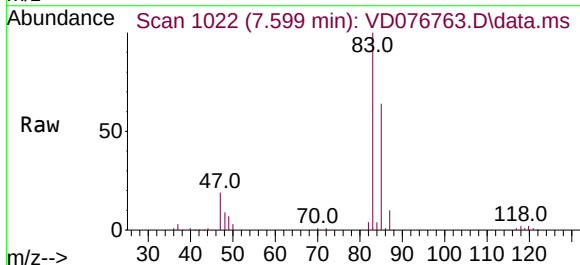
RT: 7.599 min Scan# 1022

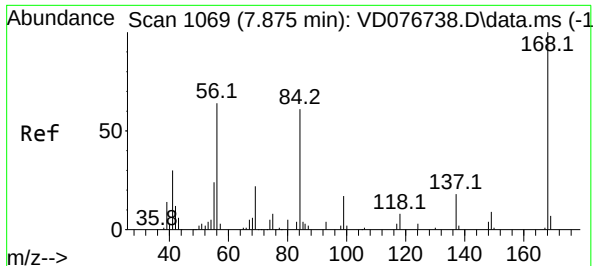
Delta R.T. 0.006 min

Lab File: VD076763.D

Acq: 17 Jul 2023 19:17

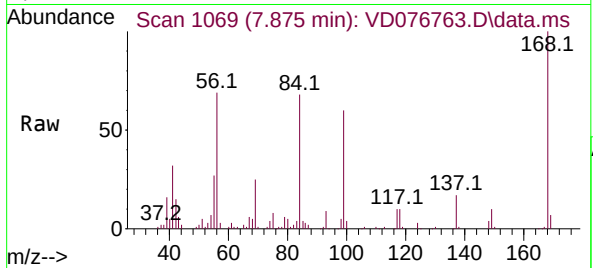
Tgt Ion:	83	Resp:	228033
Ion Ratio	Lower	Upper	
83	100		
85	64.0	53.4	80.2





#31
Cyclohexane
Concen: 50.957 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

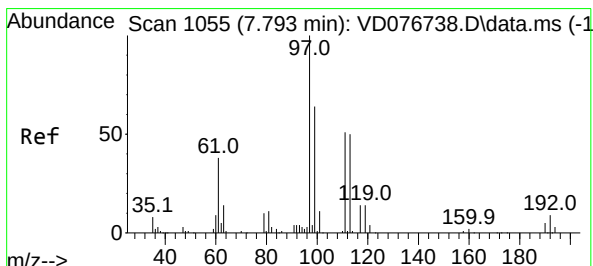
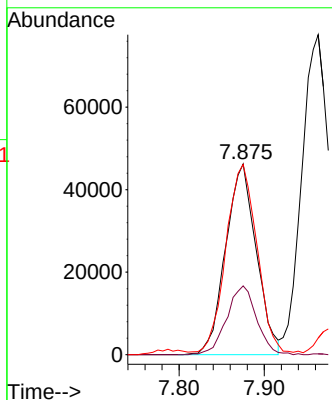
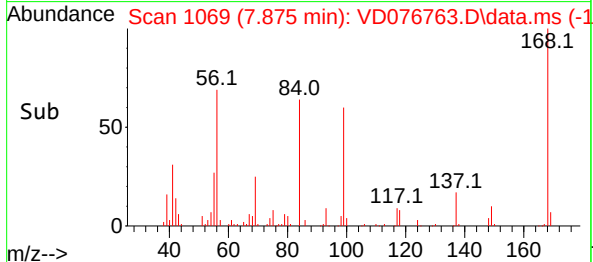
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



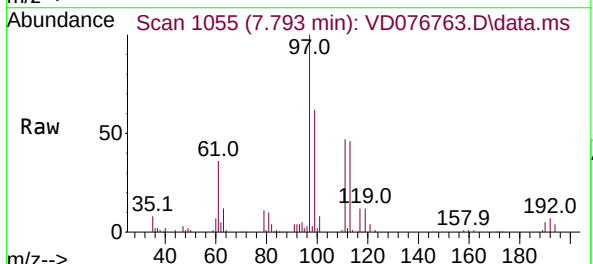
Tgt Ion: 56 Resp: 11571
Ion Ratio Lower Upper
56 100
69 36.1 28.6 43.0
84 97.4 84.8 127.2

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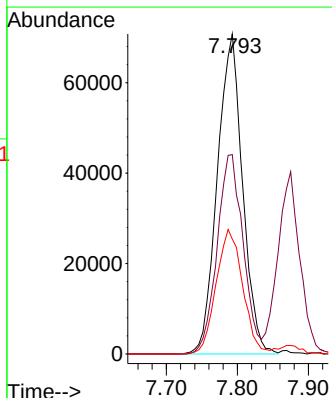
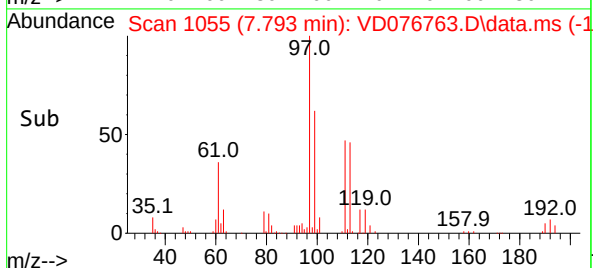
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

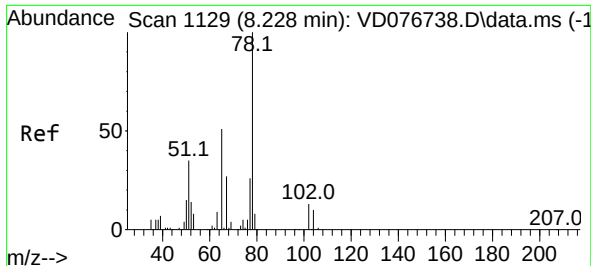


#32
1,1,1-Trichloroethane
Concen: 61.476 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



Tgt Ion: 97 Resp: 174419
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 40.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 51.093 ug/l

RT: 8.222 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD076763.D

Acq: 17 Jul 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MSD

Tgt Ion: 65 Resp: 78839

Ion Ratio Lower Upper

65 100

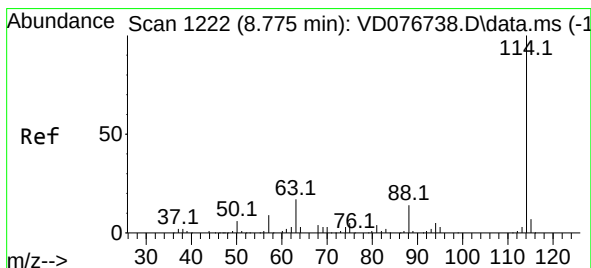
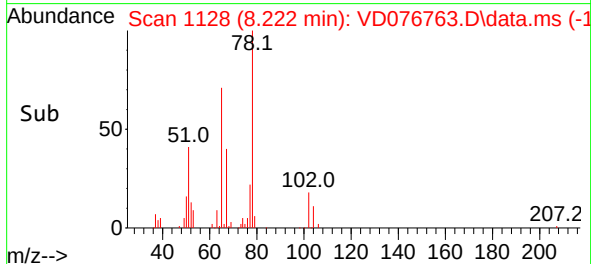
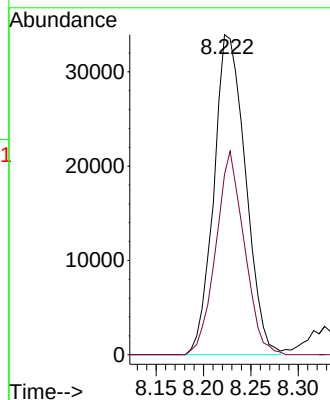
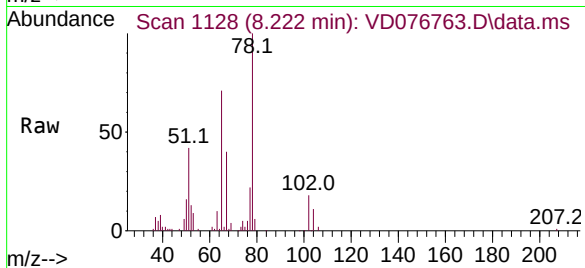
67 57.3 0.0 115.0

Manual Integrations

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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: VD076763.D

Acq: 17 Jul 2023 19:17

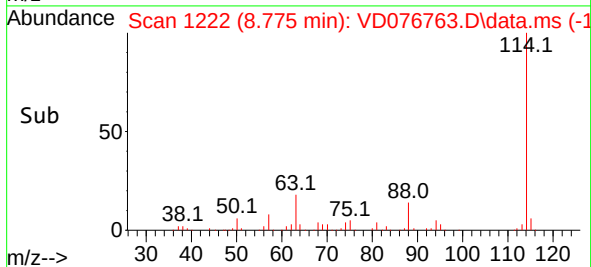
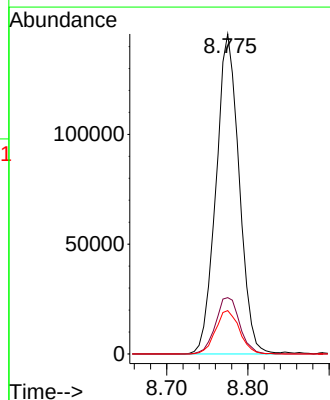
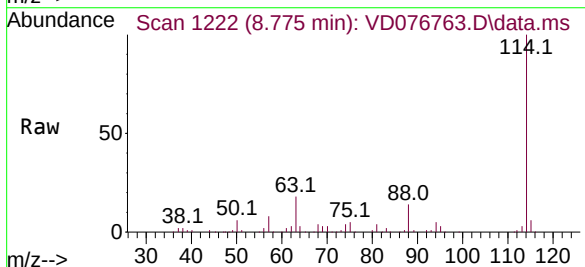
Tgt Ion:114 Resp: 288394

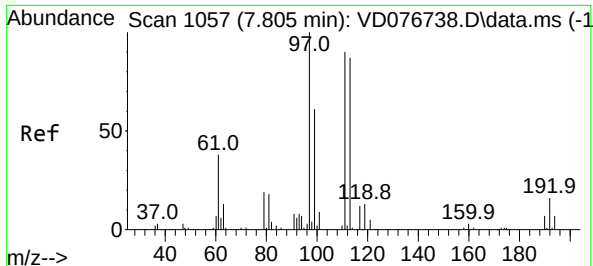
Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

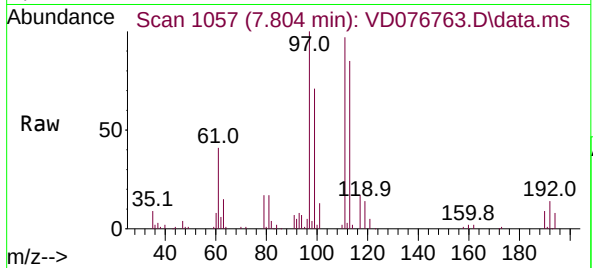
88 13.5 0.0 26.2





#35
Dibromofluoromethane
Concen: 51.140 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

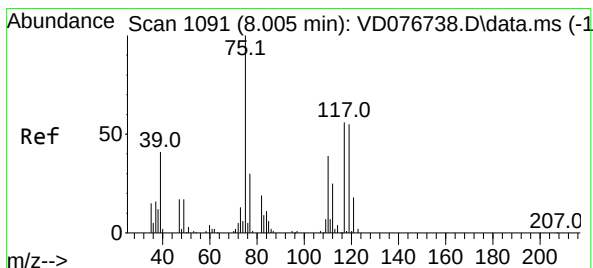
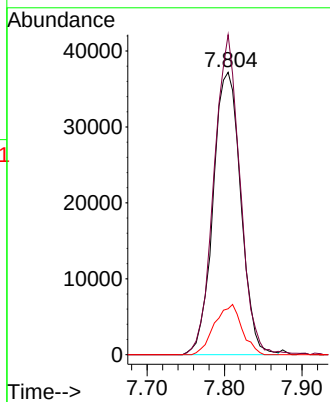
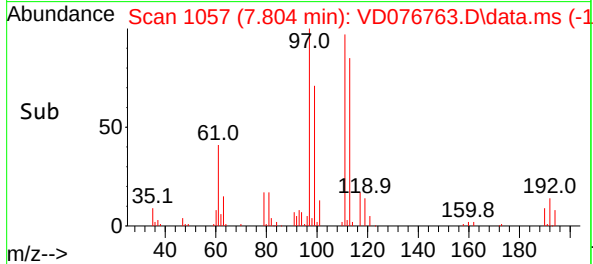
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 113 Resp: 92680
Ion Ratio Lower Upper
113 100
111 106.5 84.7 127.1
192 17.6 16.8 25.2

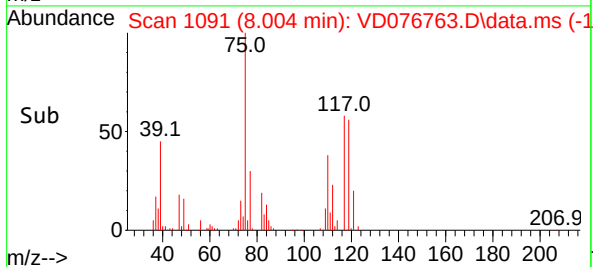
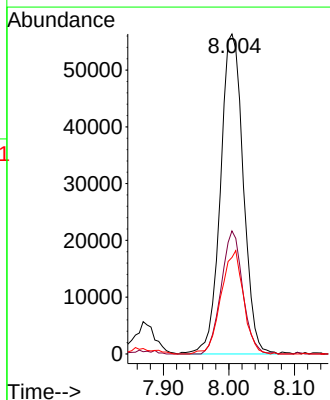
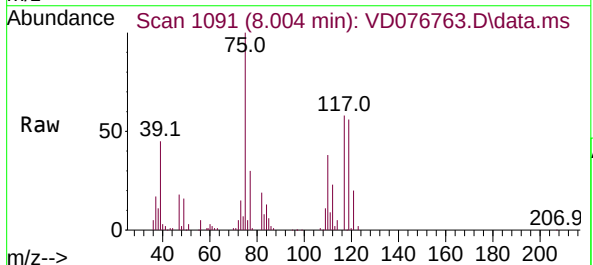
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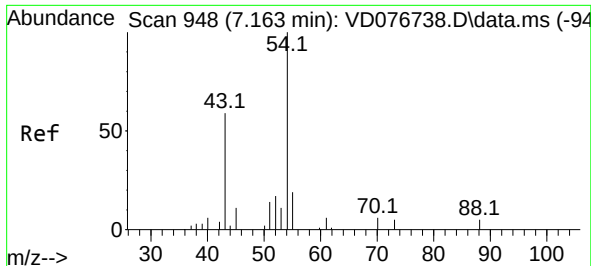
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#36
1,1-Dichloropropene
Concen: 57.364 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.001 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

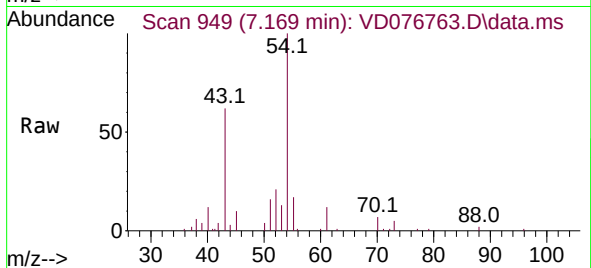
Tgt Ion: 75 Resp: 135848
Ion Ratio Lower Upper
75 100
110 36.2 19.9 59.6
77 32.0 24.7 37.1





#37
Ethyl Acetate
Concen: 50.115 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

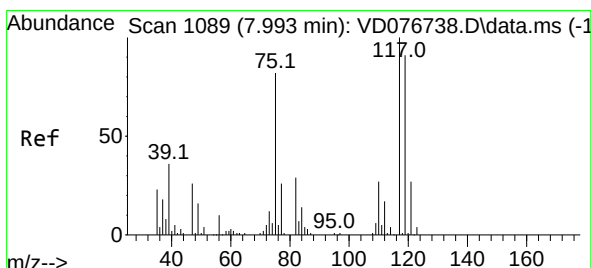
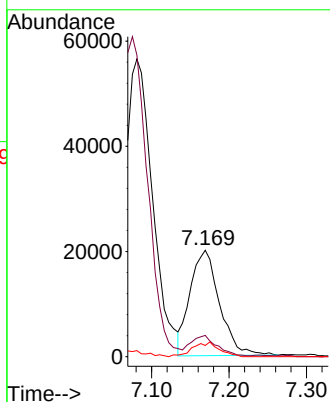
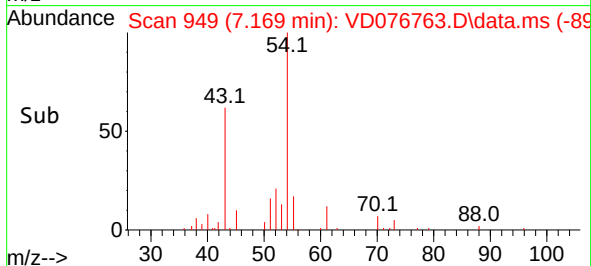
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 43 Resp: 53075
Ion Ratio Lower Upper
43 100
61 16.7 14.9 22.3
70 12.5 10.0 15.0

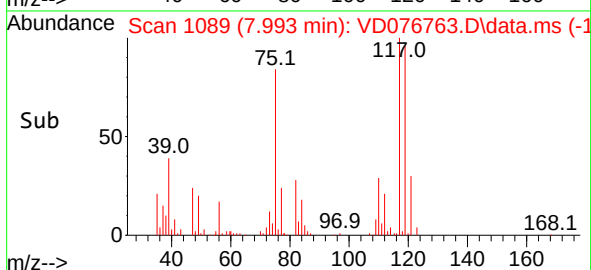
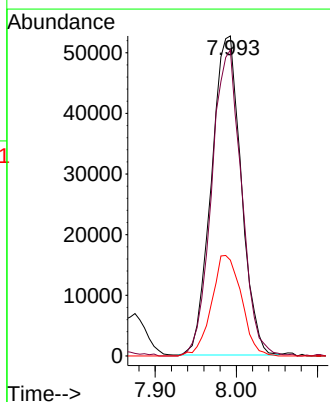
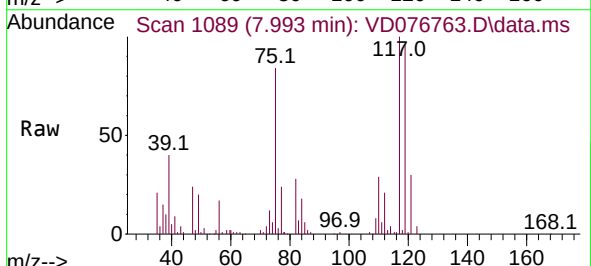
Manual Integrations
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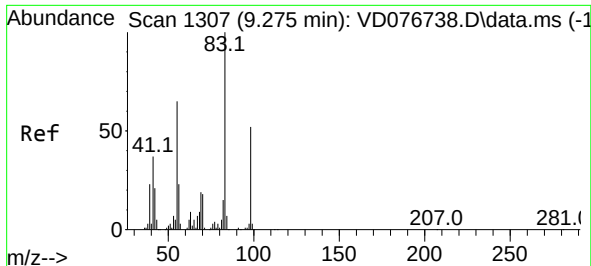
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#38
Carbon Tetrachloride
Concen: 59.061 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

Tgt Ion:117 Resp: 133925
Ion Ratio Lower Upper
117 100
119 95.9 78.0 117.0
121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 50.033 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076763.D

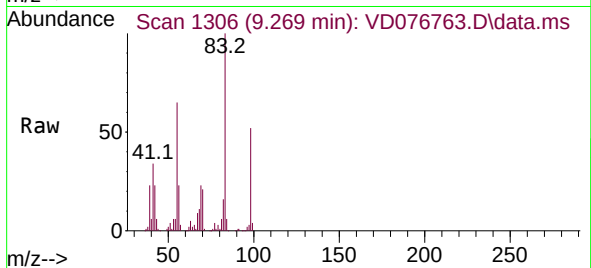
Acq: 17 Jul 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MSD



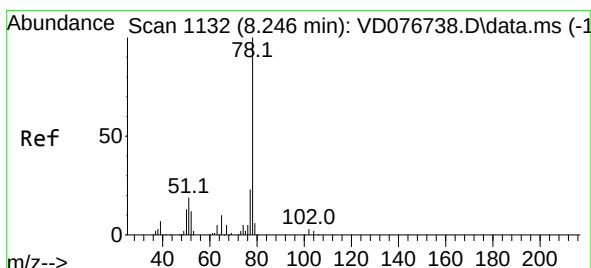
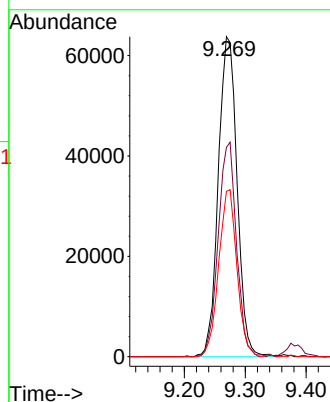
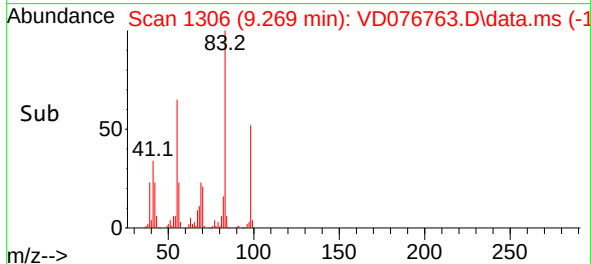
Tgt Ion: 83	Resp: 13681
Ion Ratio	Lower Upper
83	100
55	65.5 49.4 74.0
98	51.6 38.4 57.6

Manual Integrations

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Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#40

Benzene

Concen: 60.752 ug/l

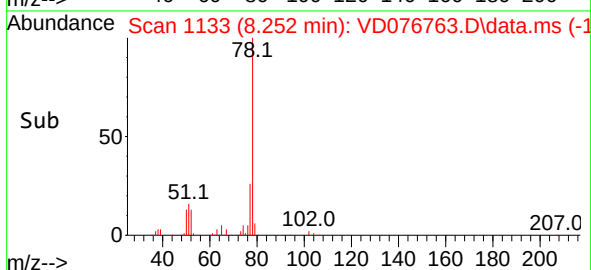
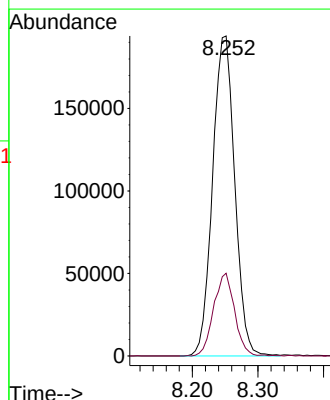
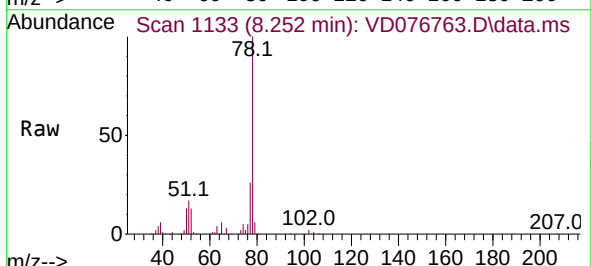
RT: 8.252 min Scan# 1133

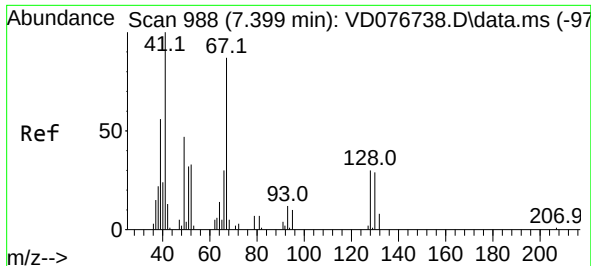
Delta R.T. 0.006 min

Lab File: VD076763.D

Acq: 17 Jul 2023 19:17

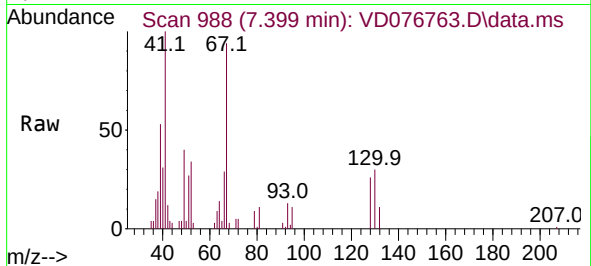
Tgt Ion: 78	Resp: 453946
Ion Ratio	Lower Upper
78	100
77	25.9 19.4 29.0





#41
Methacrylonitrile
Concen: 55.533 ug/l
RT: 7.399 min Scan# 988
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

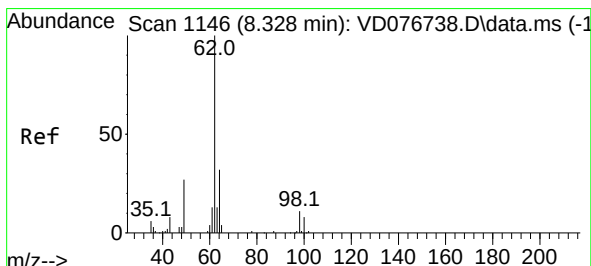
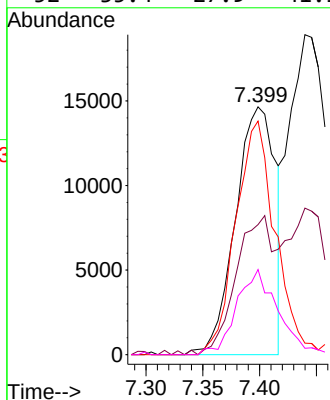
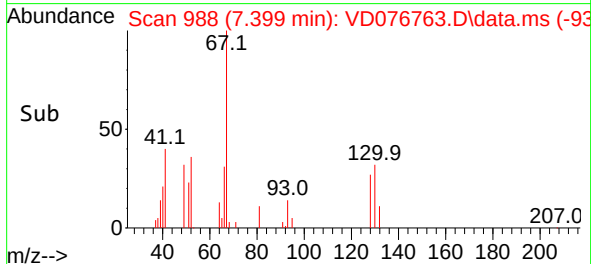
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion	Ratio	Lower	Upper
41	100		
39	55.0	34.0	51.0
67	94.3	77.0	115.4
52	35.4	27.9	41.9

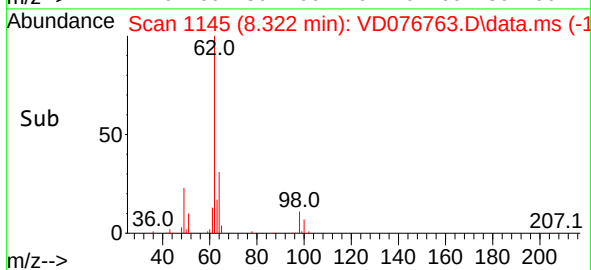
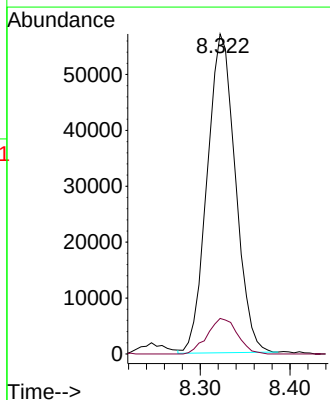
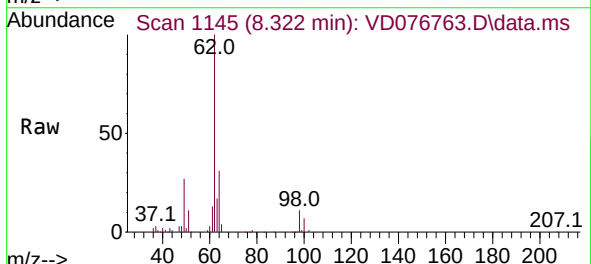
Manual Integrations
APPROVED

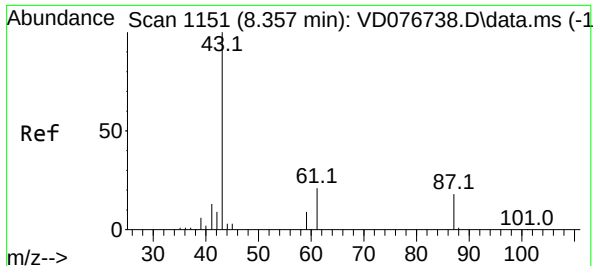
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#42
1,2-Dichloroethane
Concen: 64.145 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

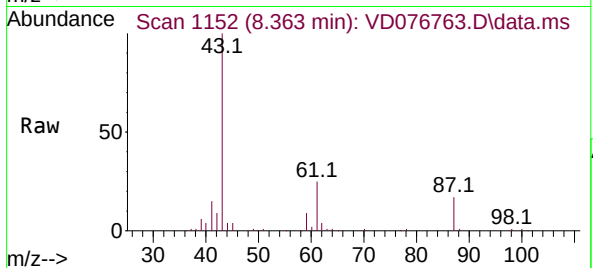
Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.8	0.0	25.4





#43
Isopropyl Acetate
Concen: 54.525 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

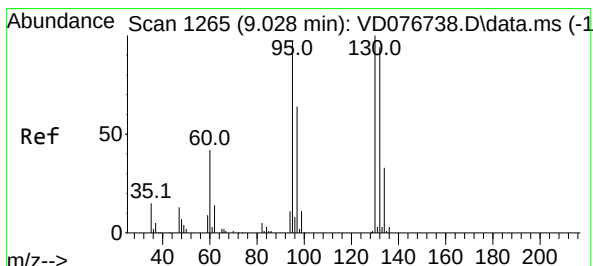
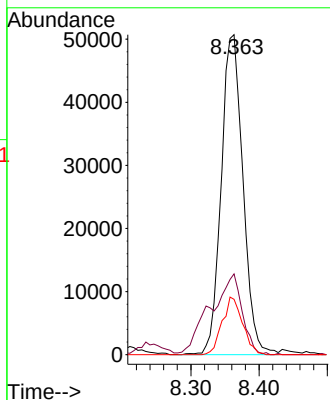
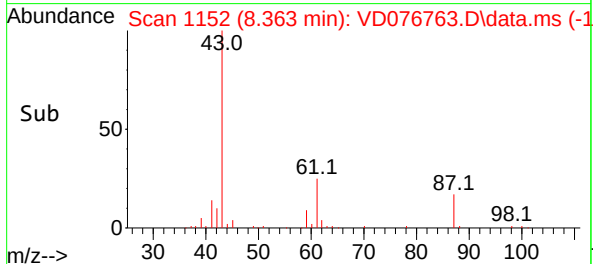
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 43 Resp: 11269
Ion Ratio Lower Upper
43 100
61 37.0 31.4 47.0
87 16.9 14.9 22.3

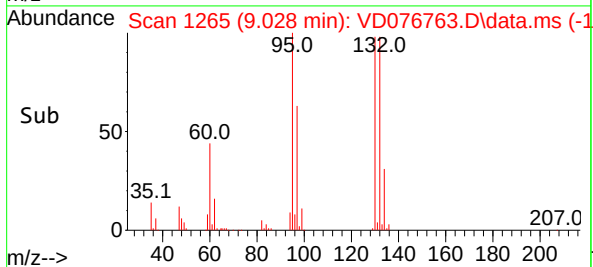
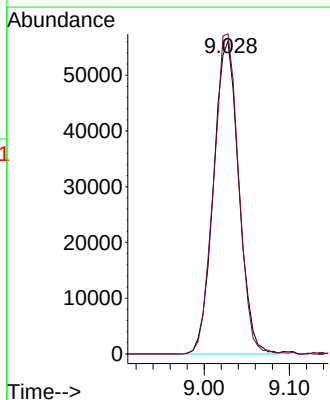
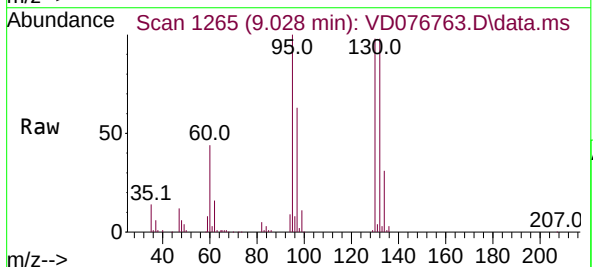
Manual Integrations
APPROVED

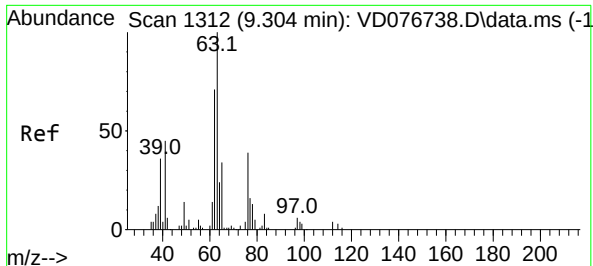
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#44
Trichloroethene
Concen: 56.738 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

Tgt Ion:130 Resp: 115528
Ion Ratio Lower Upper
130 100
95 102.3 0.0 179.2





#45

1,2-Dichloropropane

Concen: 62.161 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076763.D

Acq: 17 Jul 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MSD

Tgt Ion: 63 Resp: 11989

Ion Ratio Lower Upper

63 100

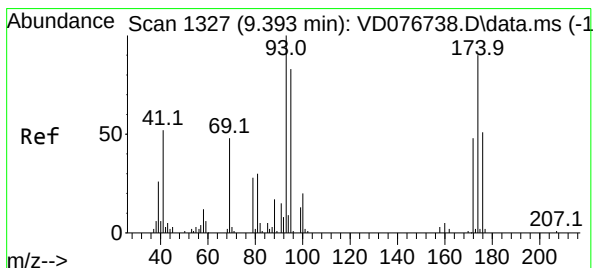
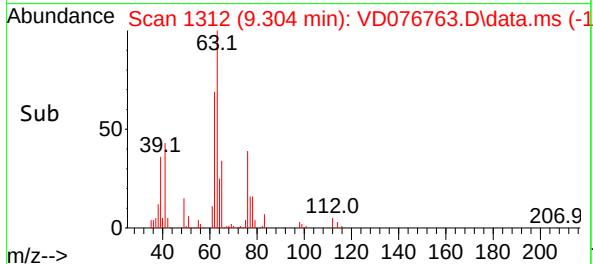
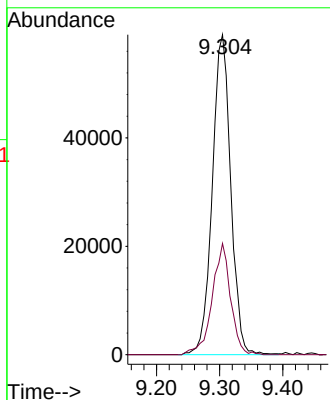
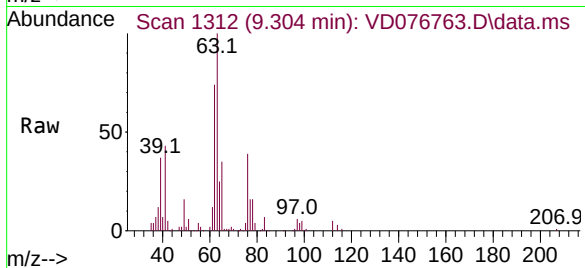
65 34.7 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 63.866 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076763.D

Acq: 17 Jul 2023 19:17

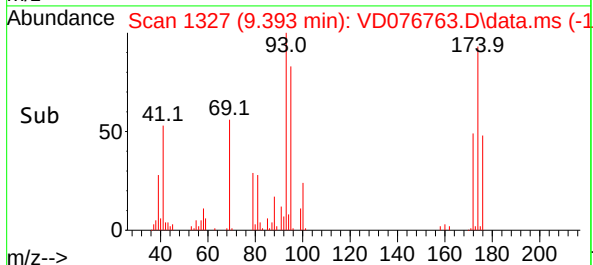
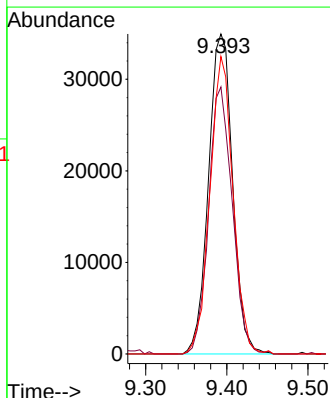
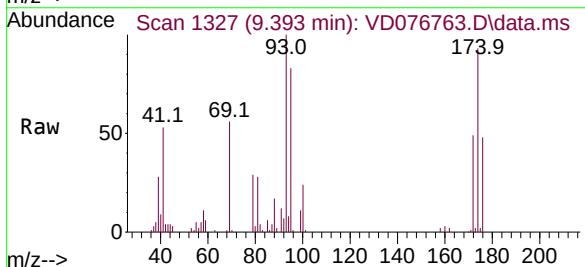
Tgt Ion: 93 Resp: 72106

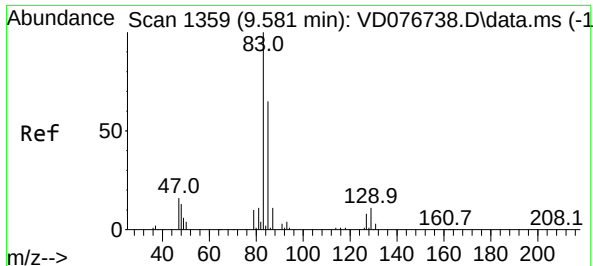
Ion Ratio Lower Upper

93 100

95 81.8 67.7 101.5

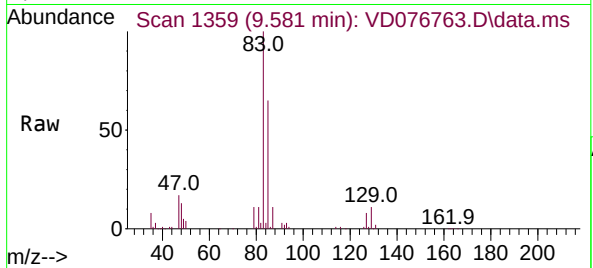
174 89.3 85.4 128.2





#47
Bromodichloromethane
Concen: 62.361 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

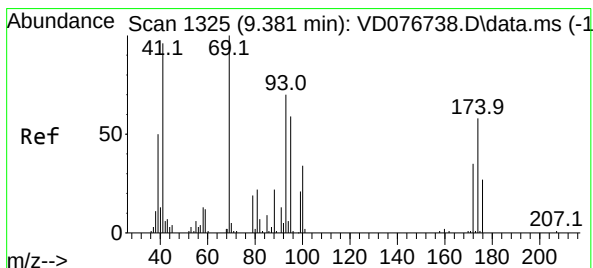
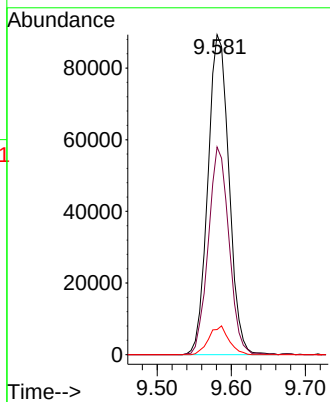
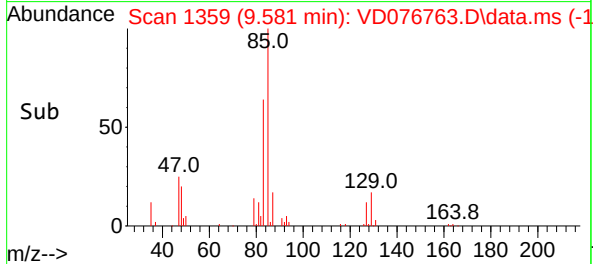
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



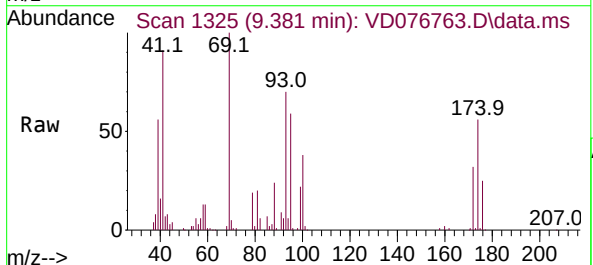
Tgt Ion: 83 Resp: 176684
Ion Ratio Lower Upper
83 100
85 64.9 50.2 75.4
127 7.8 6.3 9.5

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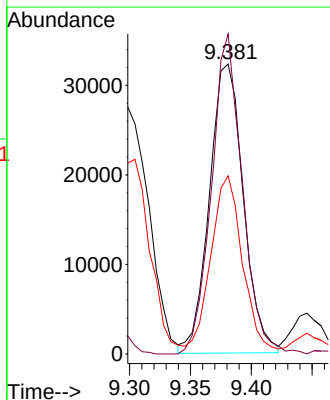
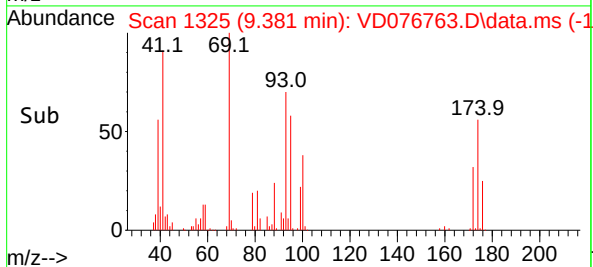
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

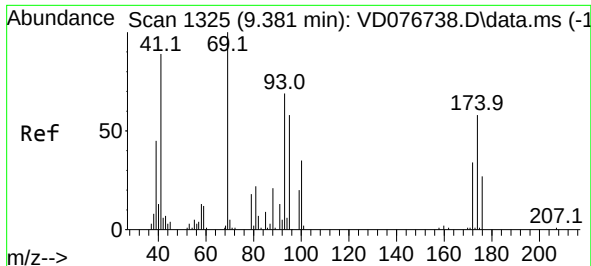


#48
Methyl methacrylate
Concen: 66.665 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



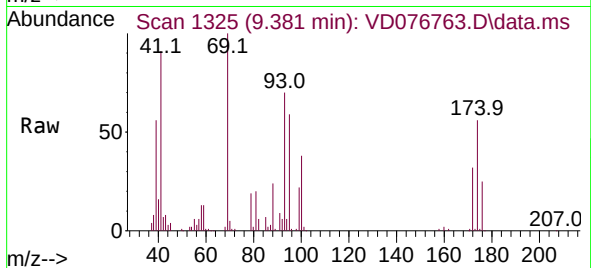
Tgt Ion: 41 Resp: 62712
Ion Ratio Lower Upper
41 100
69 100.4 102.2 153.2#
39 57.9 41.4 62.2





#49
1,4-Dioxane
Concen: 1194.182 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

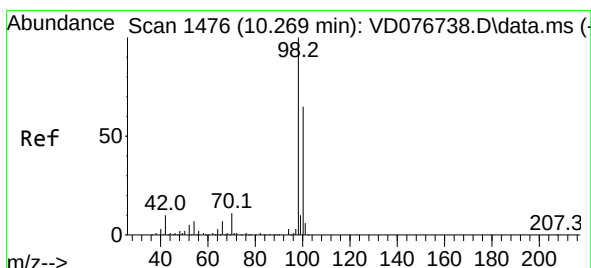
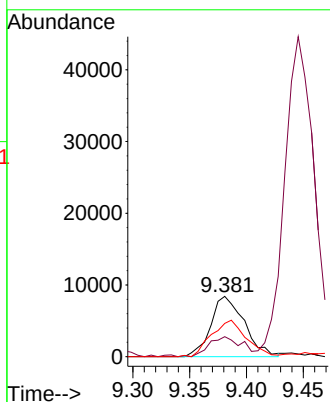
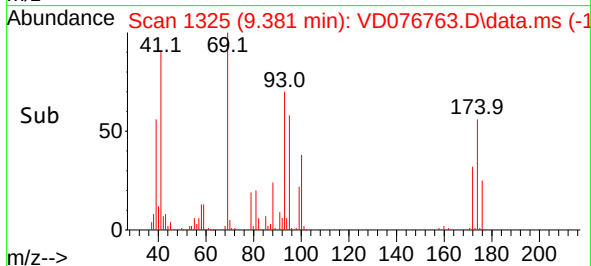
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



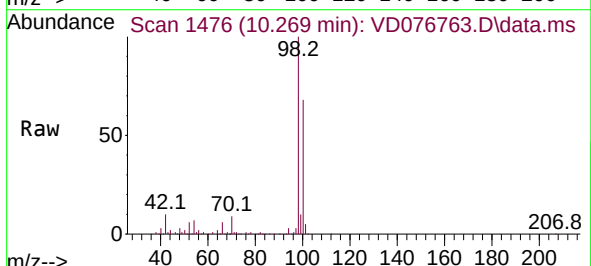
Tgt Ion: 88 Resp: 17274
Ion Ratio Lower Upper
88 100
43 31.8 19.0 28.6
58 62.9 43.5 65.3

Manual Integrations
APPROVED

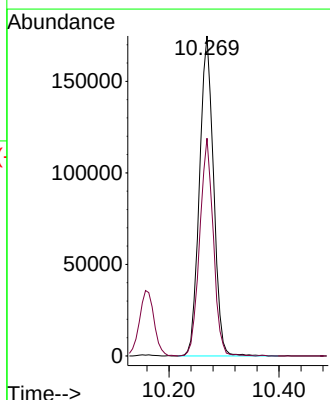
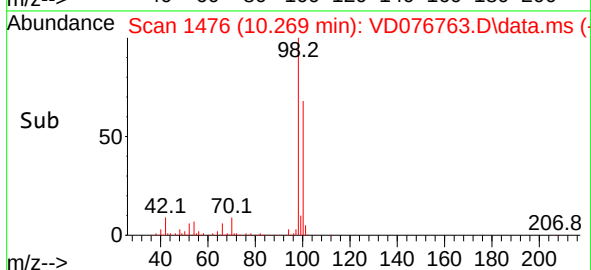
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

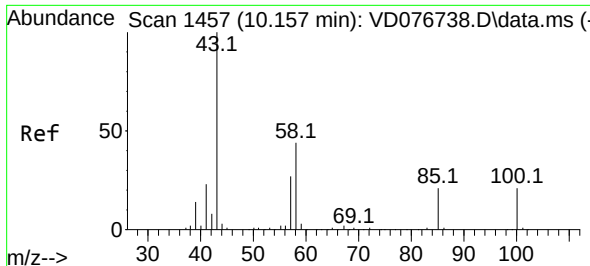


#50
Toluene-d8
Concen: 47.971 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



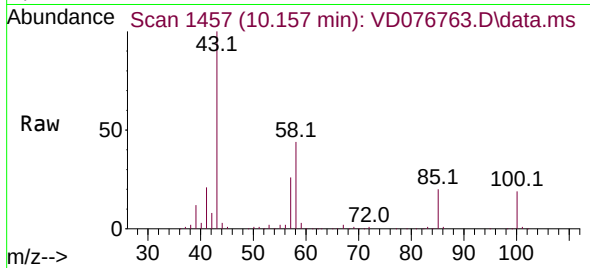
Tgt Ion: 98 Resp: 311009
Ion Ratio Lower Upper
98 100
100 65.9 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 301.610 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

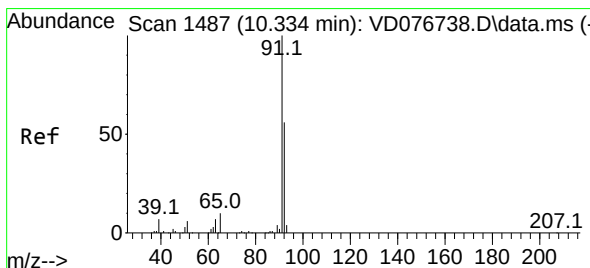
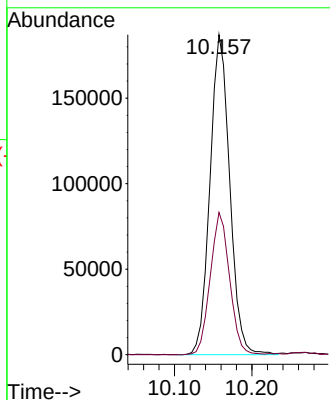
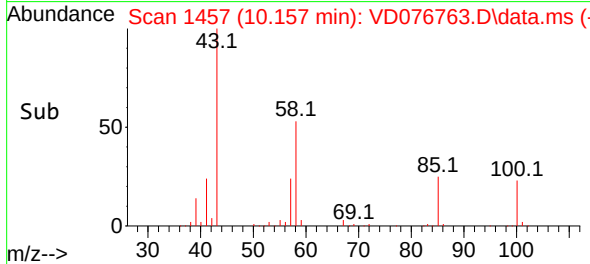
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



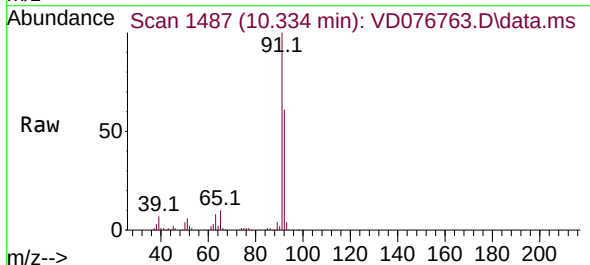
Tgt Ion: 43 Resp: 331911
Ion Ratio Lower Upper
43 100
58 43.5 38.9 58.3

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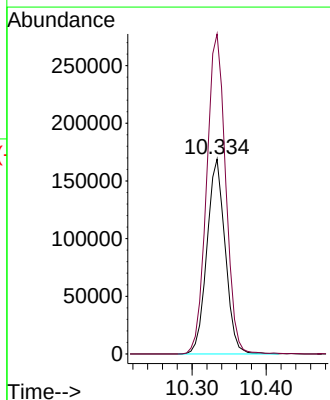
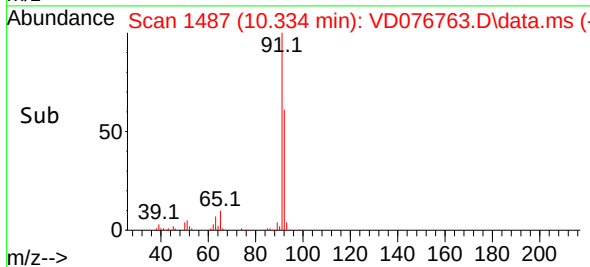
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

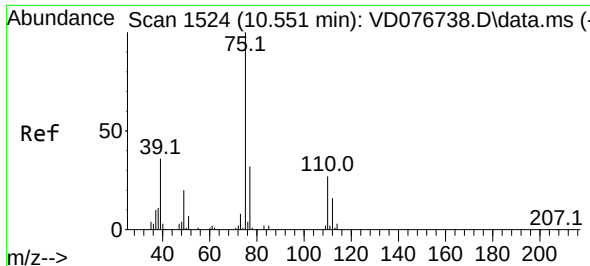


#52
Toluene
Concen: 58.924 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



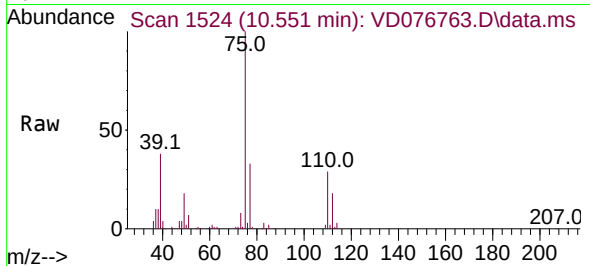
Tgt Ion: 92 Resp: 289171
Ion Ratio Lower Upper
92 100
91 170.8 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 58.994 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD076763.D
 Acq: 17 Jul 2023 19:17

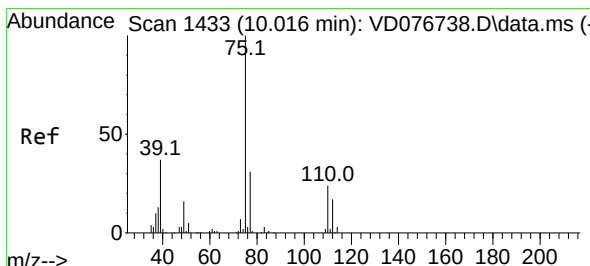
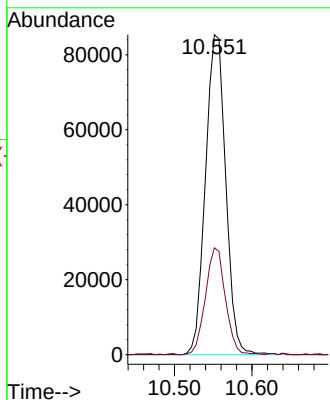
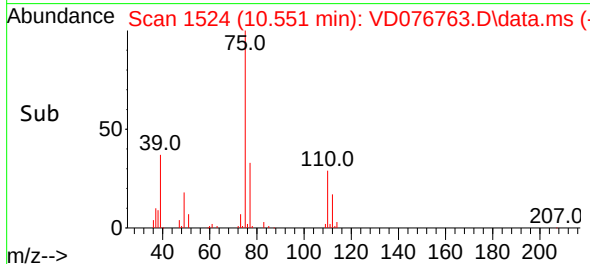
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MSD



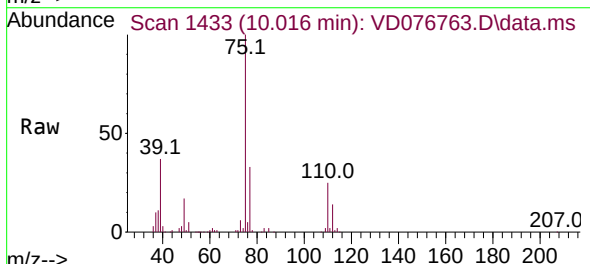
Tgt Ion: 75 Resp: 15514
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.3 37.9

Manual Integrations
 APPROVED

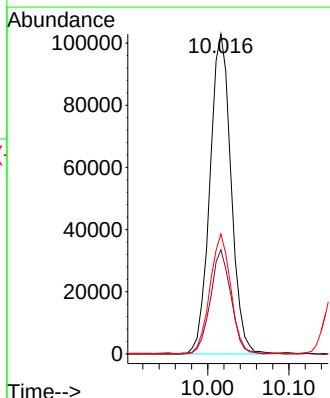
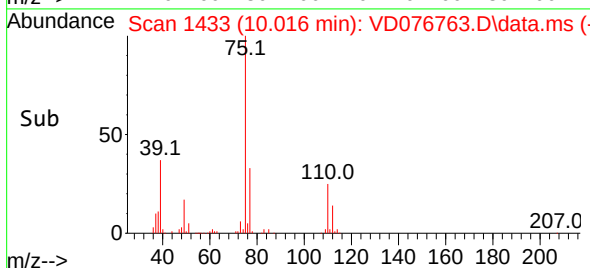
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

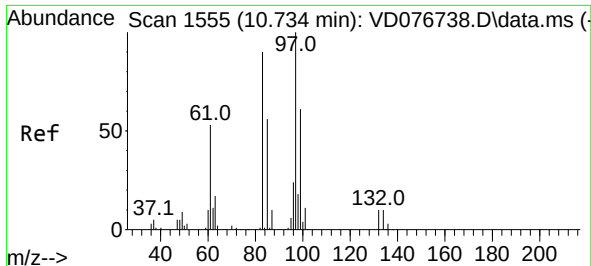


#54
 cis-1,3-Dichloropropene
 Concen: 60.111 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076763.D
 Acq: 17 Jul 2023 19:17



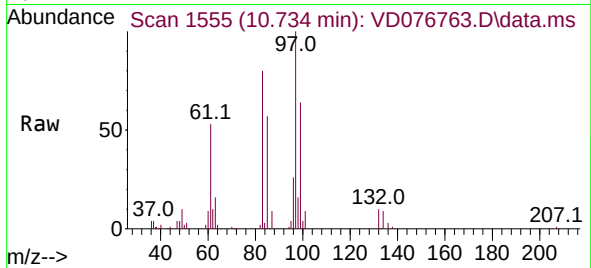
Tgt Ion: 75 Resp: 186302
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.5 38.3
 39 37.5 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 60.860 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

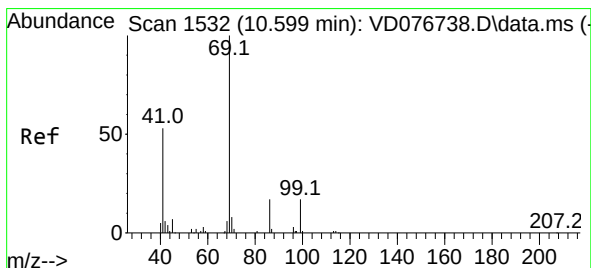
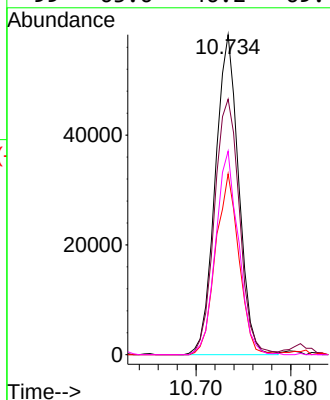
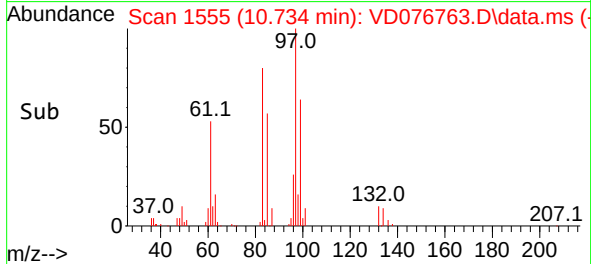
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



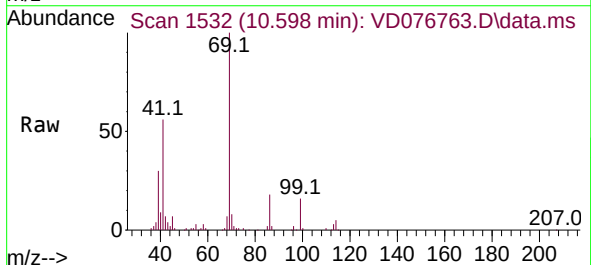
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.9	65.8	98.6
85	56.5	45.7	68.5
99	63.6	46.2	69.4

Manual Integrations
APPROVED

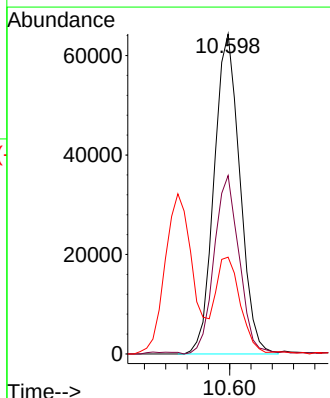
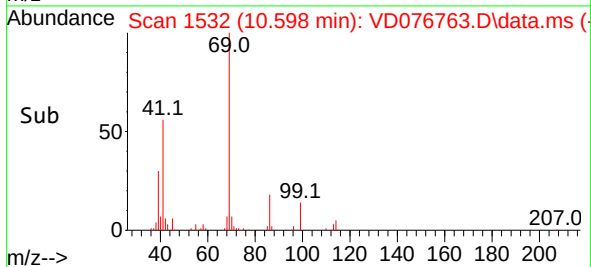
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

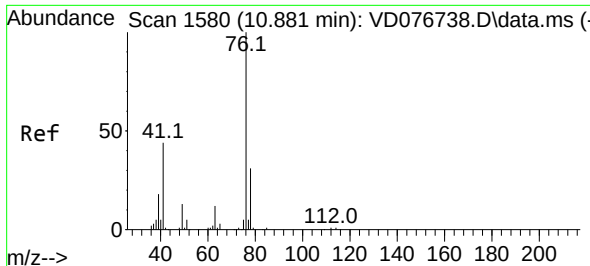


#56
Ethyl methacrylate
Concen: 56.839 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



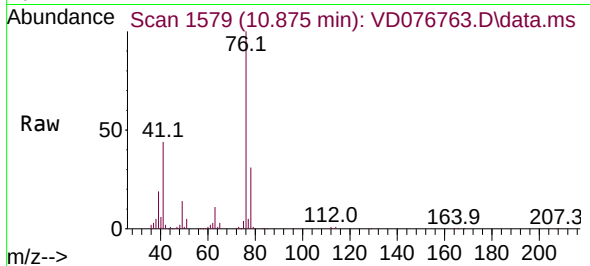
Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.6	39.1	58.7
39	27.3	20.0	30.0





#57
1,3-Dichloropropane
Concen: 59.070 ug/l
RT: 10.875 min Scan# 15859
Delta R.T. -0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

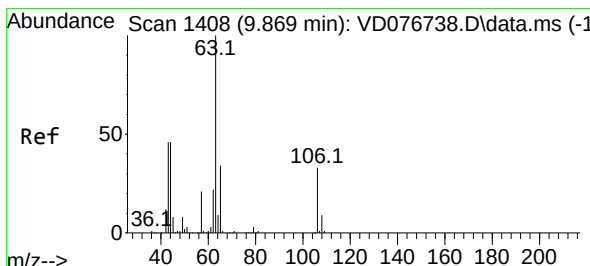
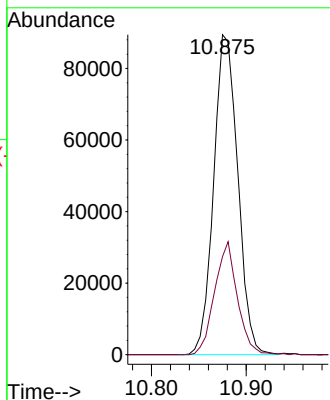
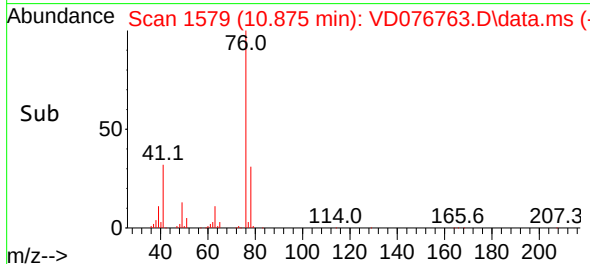
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 76 Resp: 15859
Ion Ratio Lower Upper
76 100
78 33.3 26.4 39.6

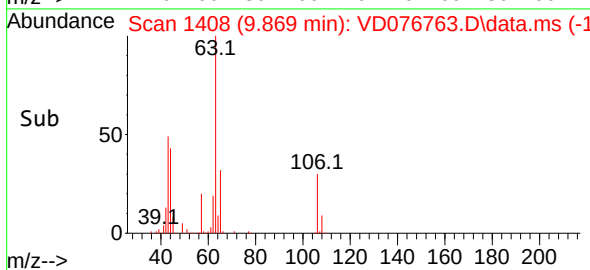
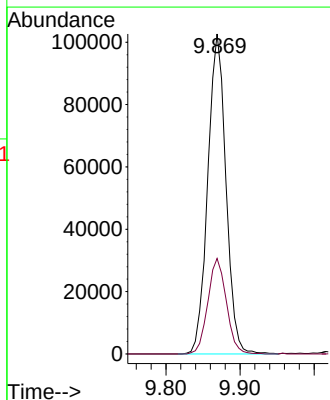
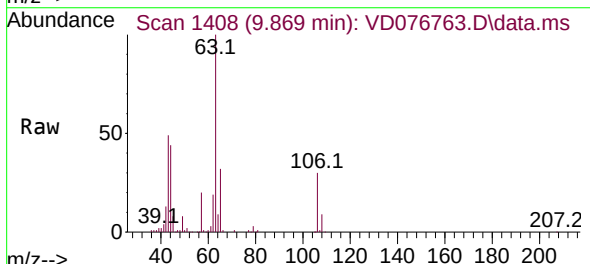
Manual Integrations
APPROVED

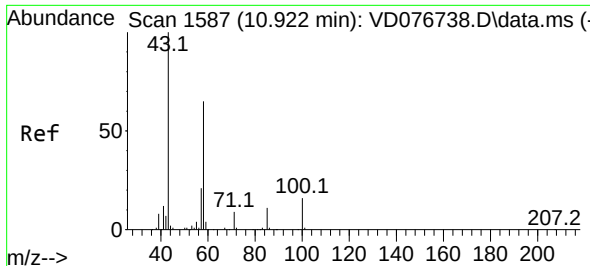
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#58
2-Chloroethyl Vinyl ether
Concen: 237.369 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

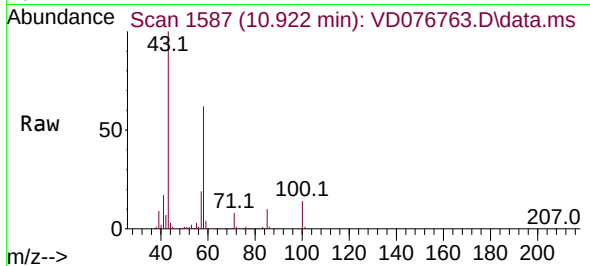
Tgt Ion: 63 Resp: 174837
Ion Ratio Lower Upper
63 100
106 30.3 25.3 37.9





#59
2-Hexanone
Concen: 294.034 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

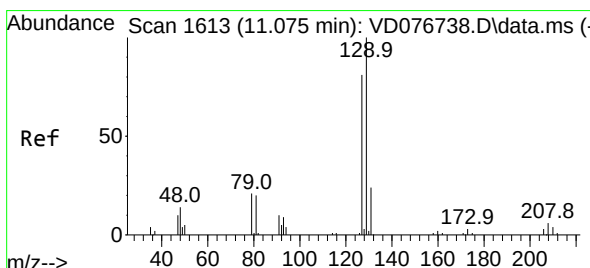
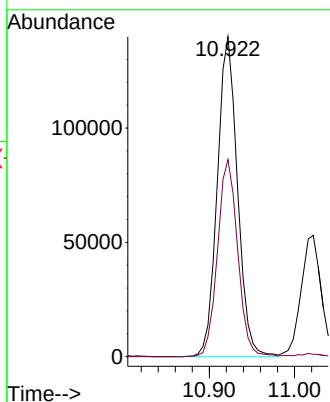
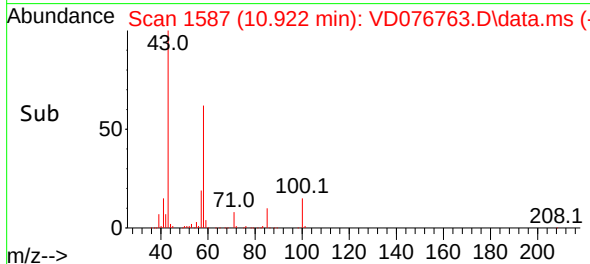
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 43 Resp: 230885
Ion Ratio Lower Upper
43 100
58 61.5 34.1 102.2

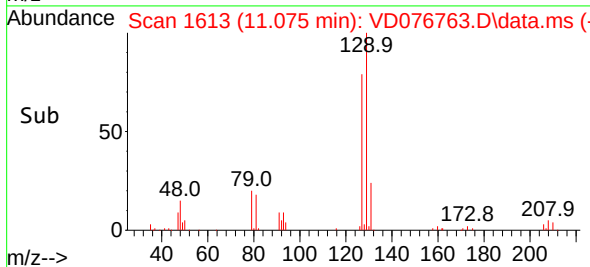
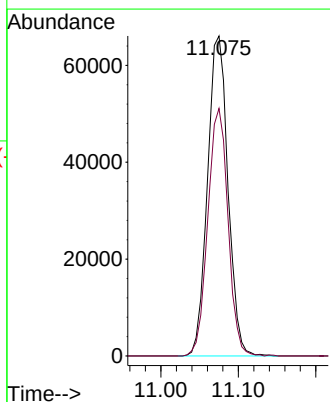
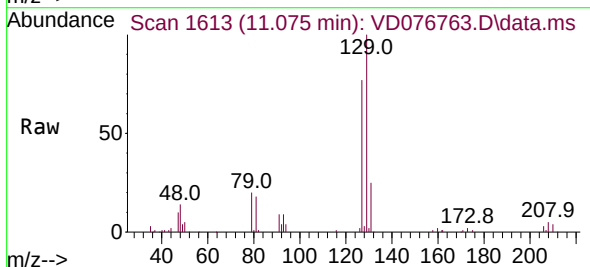
Manual Integrations
APPROVED

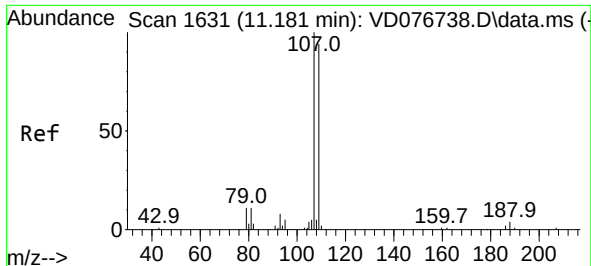
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 63.362 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

Tgt Ion:129 Resp: 121354
Ion Ratio Lower Upper
129 100
127 76.2 37.1 111.5





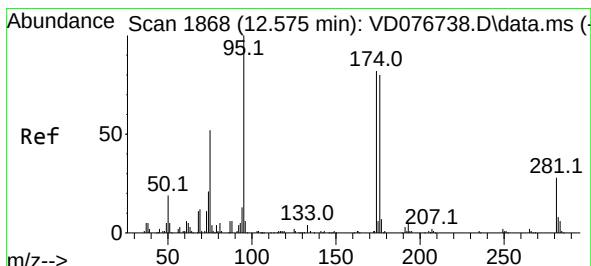
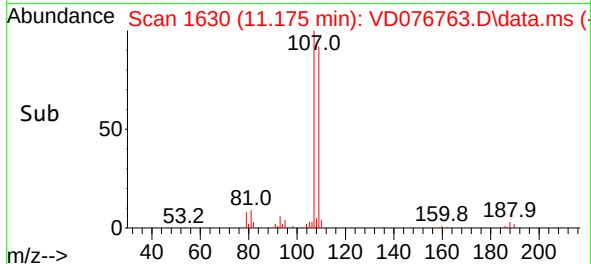
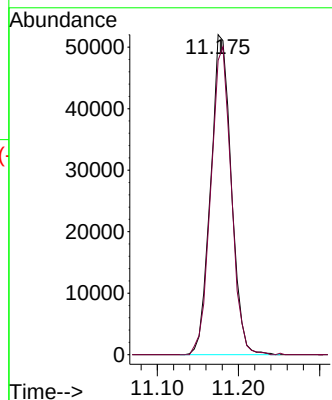
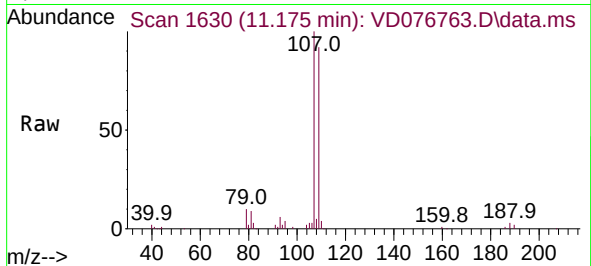
#61
1,2-Dibromoethane
Concen: 60.046 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

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

Tgt Ion:107 Resp: 9178
Ion Ratio Lower Upper
107 100
109 95.2 75.6 113.4

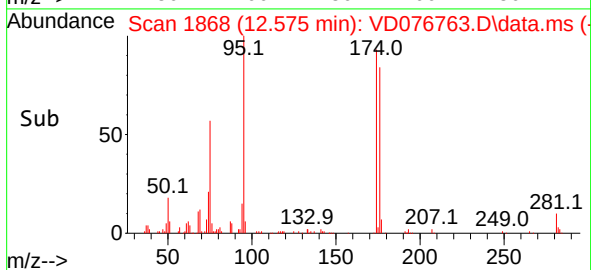
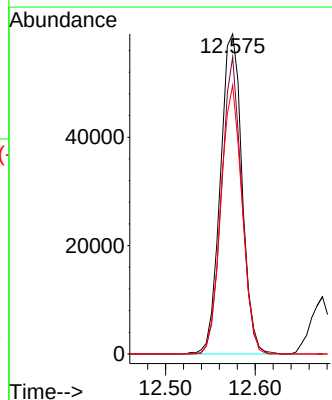
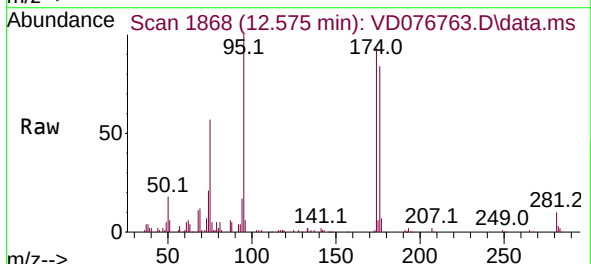
Manual Integrations
APPROVED

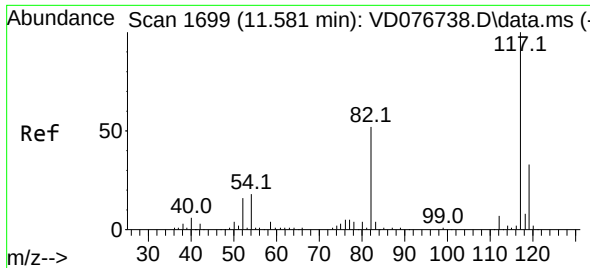
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#62
4-Bromofluorobenzene
Concen: 47.263 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

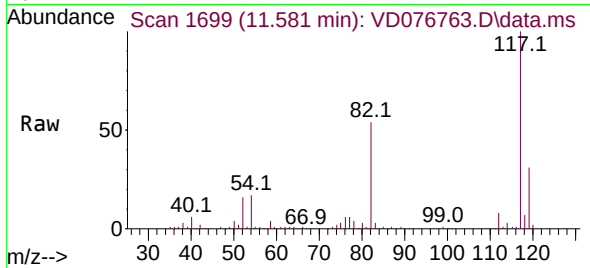
Tgt Ion: 95 Resp: 99127
Ion Ratio Lower Upper
95 100
174 86.0 0.0 201.8
176 82.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

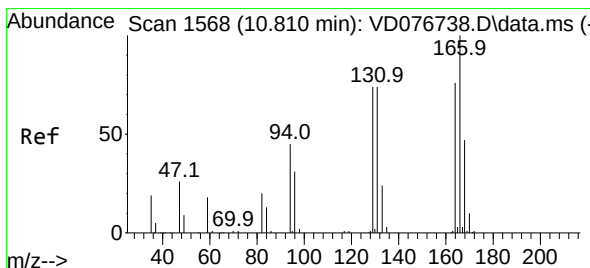
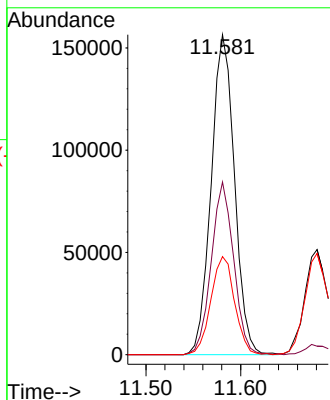
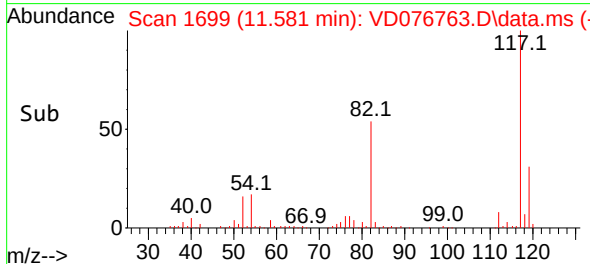
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:117 Resp: 267260
Ion Ratio Lower Upper
117 100
82 53.9 38.3 57.5
119 30.7 25.0 37.4

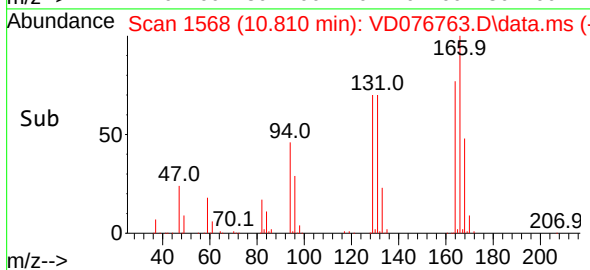
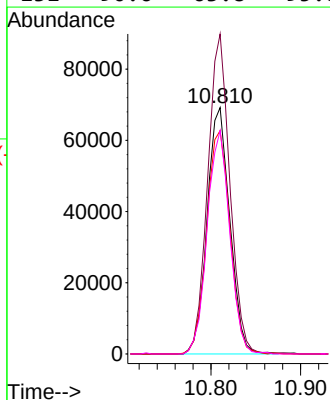
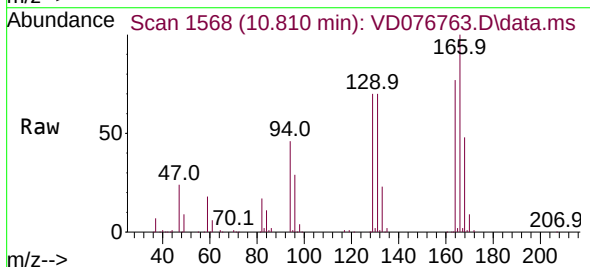
Manual Integrations
APPROVED

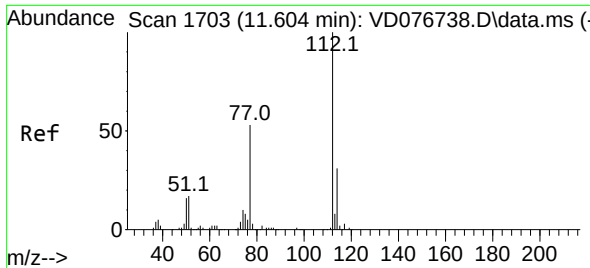
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 80.005 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

Tgt Ion:164 Resp: 121928
Ion Ratio Lower Upper
164 100
166 129.8 99.2 148.8
129 90.6 68.4 102.6
131 90.6 63.8 95.8





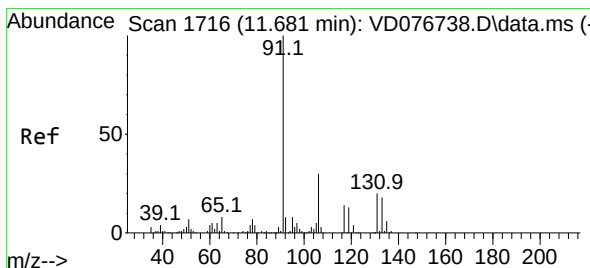
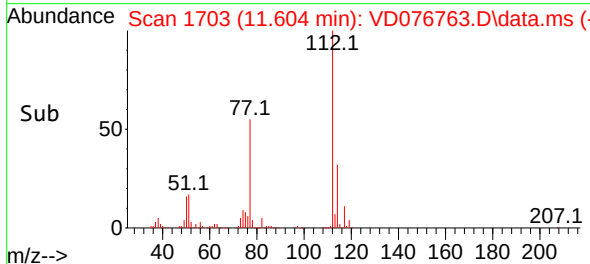
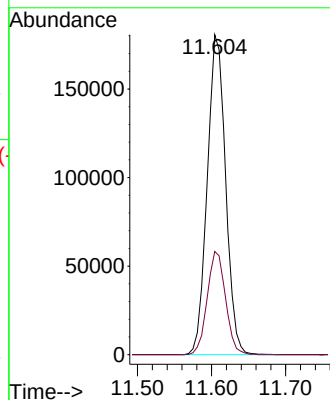
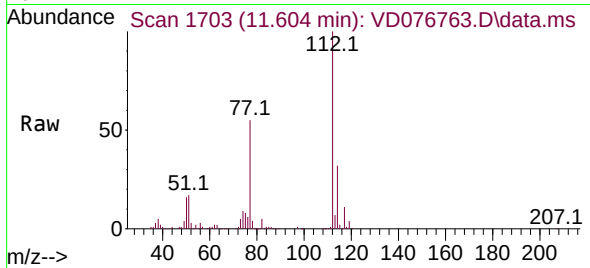
#65
Chlorobenzene
Concen: 57.909 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

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

Tgt Ion:112 Resp: 311278
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7

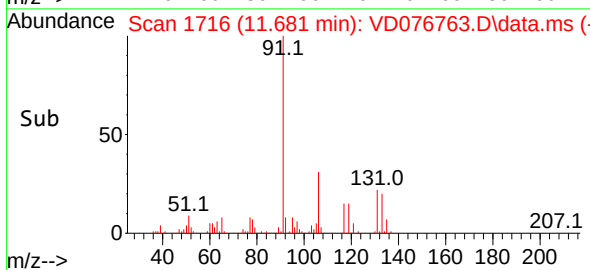
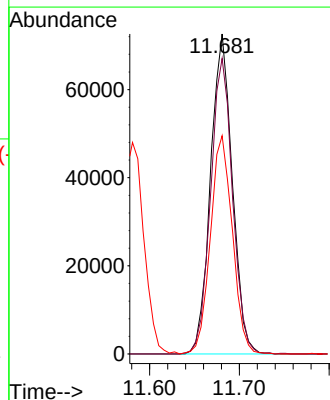
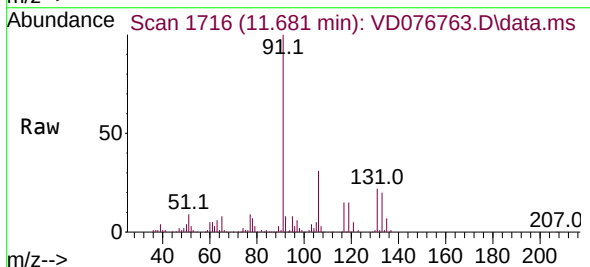
Manual Integrations
APPROVED

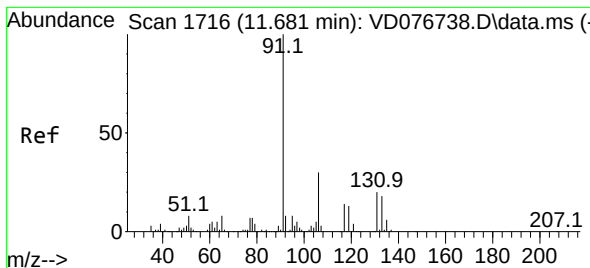
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 61.001 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

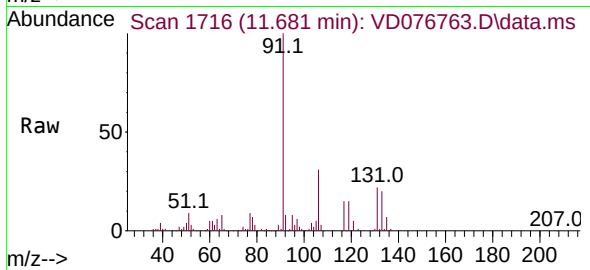
Tgt Ion:131 Resp: 122078
Ion Ratio Lower Upper
131 100
133 93.4 48.5 145.5
119 69.0 35.6 106.9





#67
Ethyl Benzene
Concen: 56.895 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

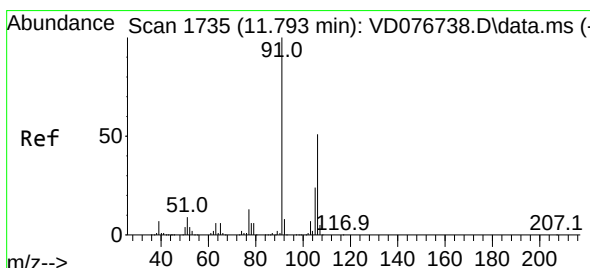
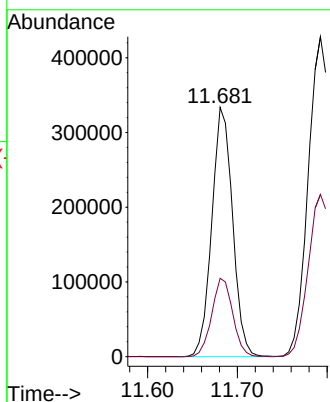
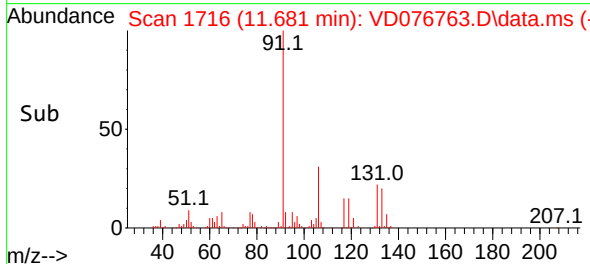
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



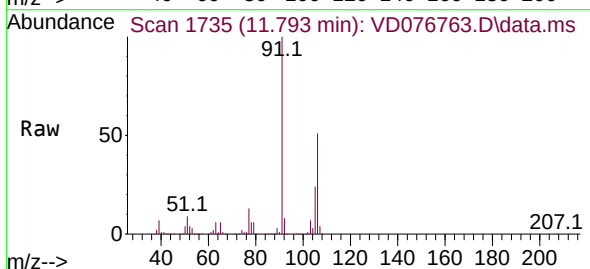
Tgt Ion: 91 Resp: 537090
Ion Ratio Lower Upper
91 100
106 31.5 26.5 39.7

Manual Integrations
APPROVED

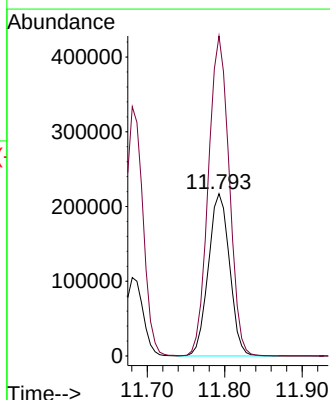
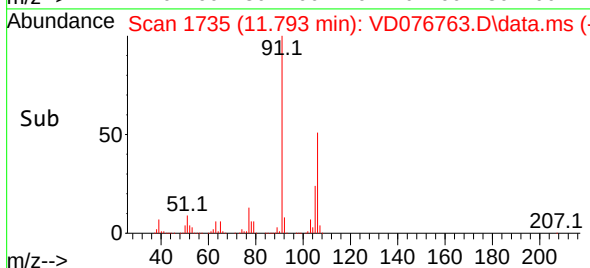
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

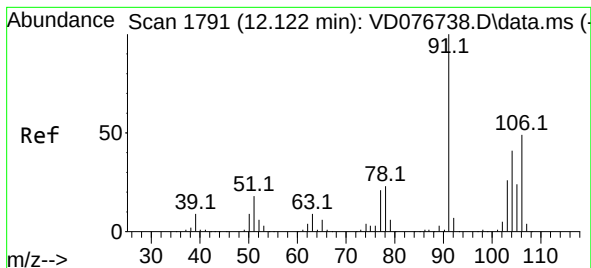


#68
m/p-Xylenes
Concen: 113.834 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



Tgt Ion:106 Resp: 412710
Ion Ratio Lower Upper
106 100
91 193.8 147.0 220.6





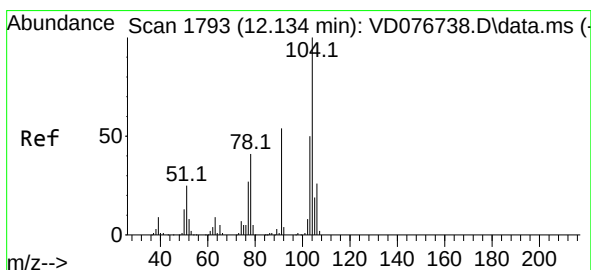
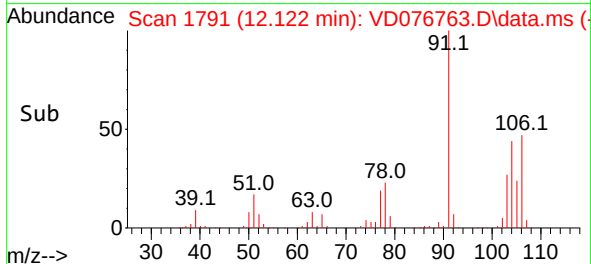
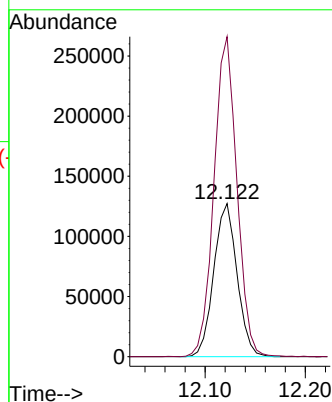
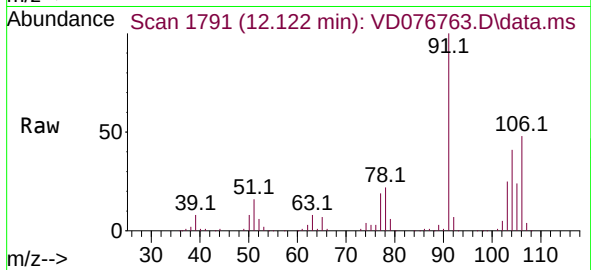
#69
o-Xylene
Concen: 58.509 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

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

Tgt Ion:106 Resp: 205130
Ion Ratio Lower Upper
106 100
91 206.1 97.9 293.6

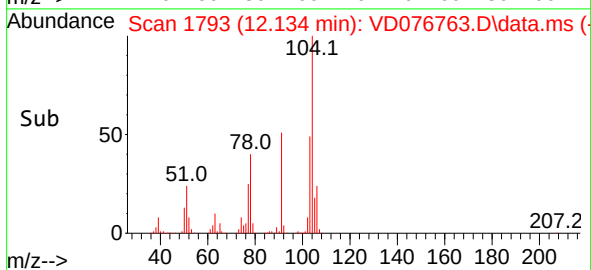
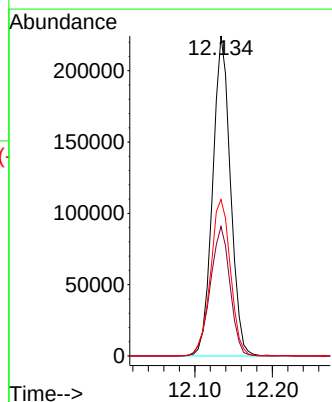
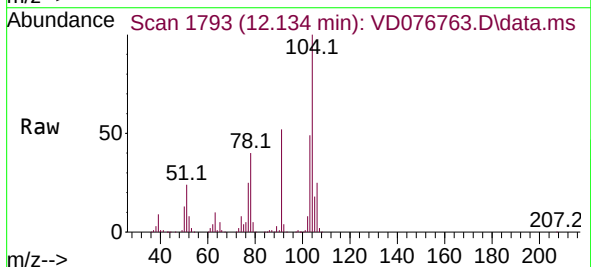
Manual Integrations
APPROVED

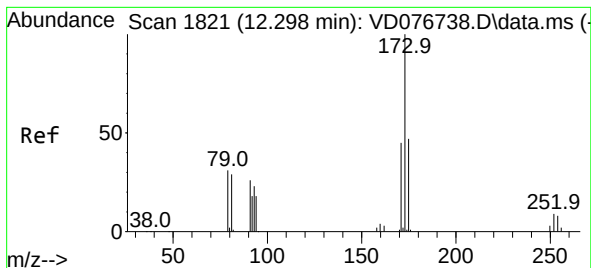
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#70
Styrene
Concen: 58.451 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

Tgt Ion:104 Resp: 358738
Ion Ratio Lower Upper
104 100
78 44.6 33.2 49.8
103 54.6 43.6 65.4





#71

Bromoform

Concen: 62.811 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076763.D

Acq: 17 Jul 2023 19:17

Instrument :

MSVOA_D

ClientSampleId :

SB-04-(1-5)MSD

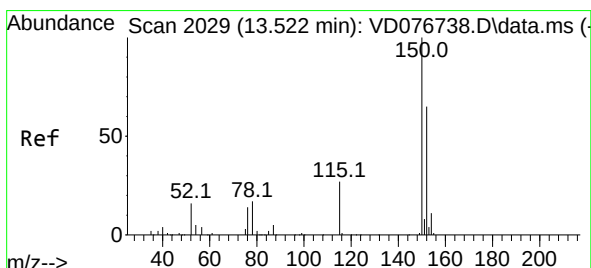
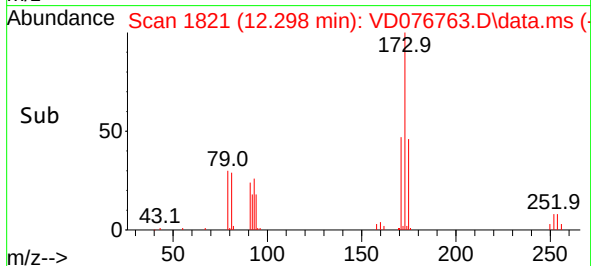
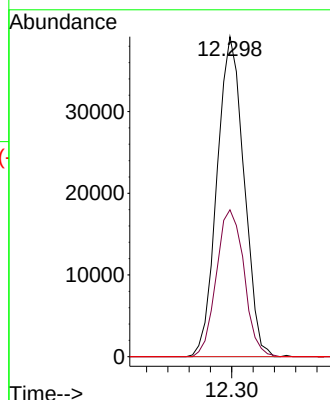
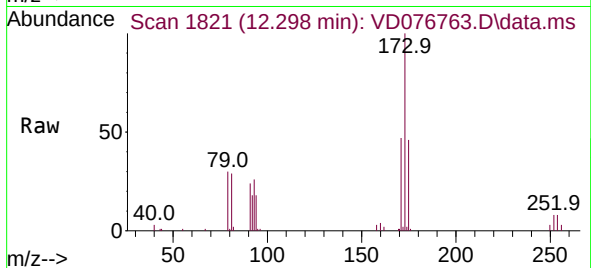
Tgt Ion:	173	Resp:	6884
Ion Ratio	Lower	Upper	
173	100		
175	47.0	24.6	73.8
254	0.0	0.0	0.0

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

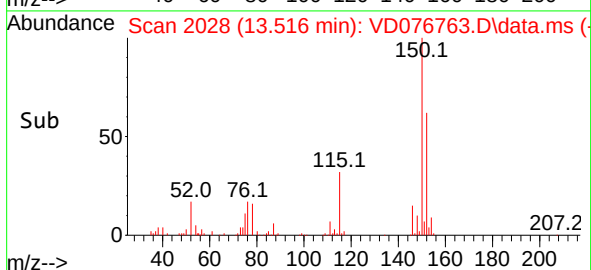
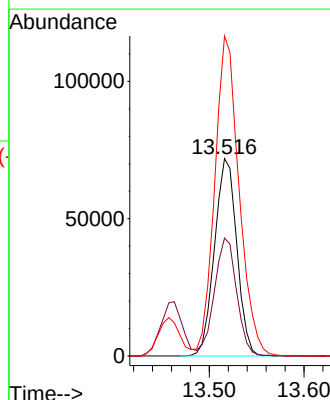
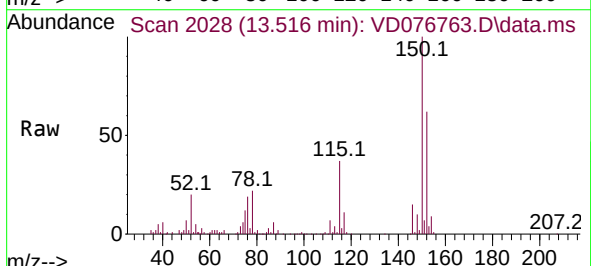
RT: 13.516 min Scan# 2028

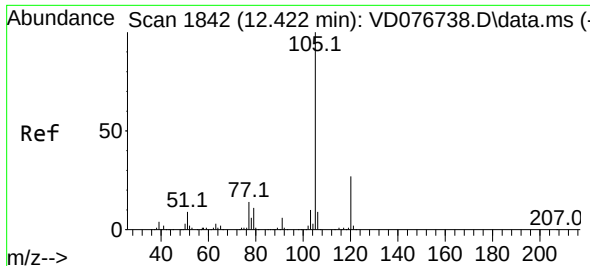
Delta R.T. -0.006 min

Lab File: VD076763.D

Acq: 17 Jul 2023 19:17

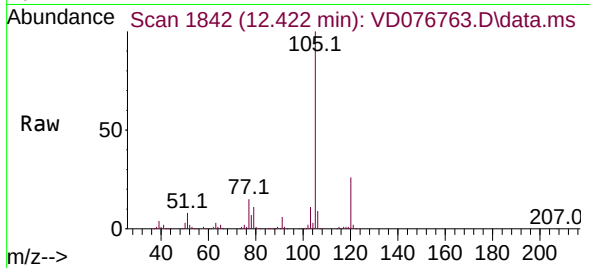
Tgt Ion:	152	Resp:	117737
Ion Ratio	Lower	Upper	
152	100		
115	59.6	27.1	81.3
150	177.2	0.0	353.6





#73
Isopropylbenzene
Concen: 58.504 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

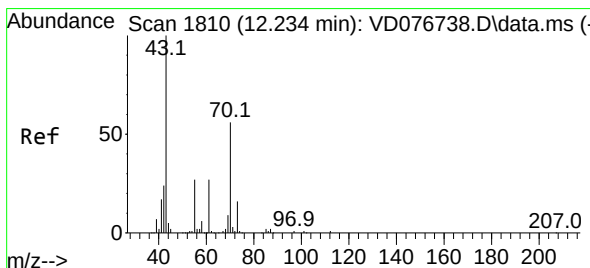
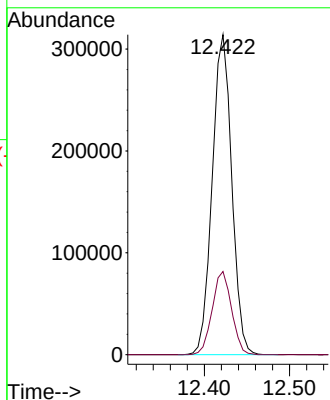
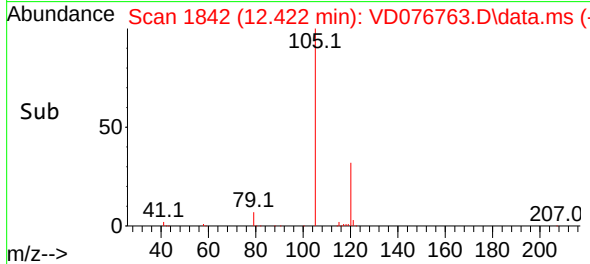
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:105 Resp: 499749
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9

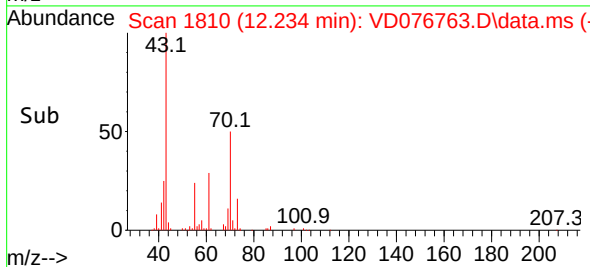
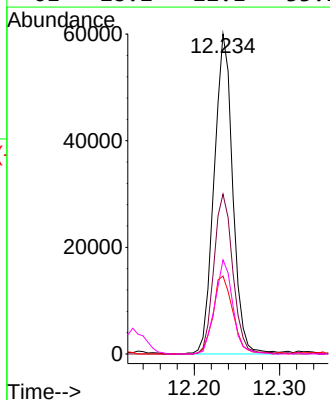
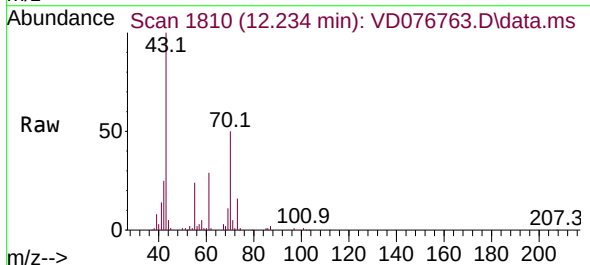
Manual Integrations
APPROVED

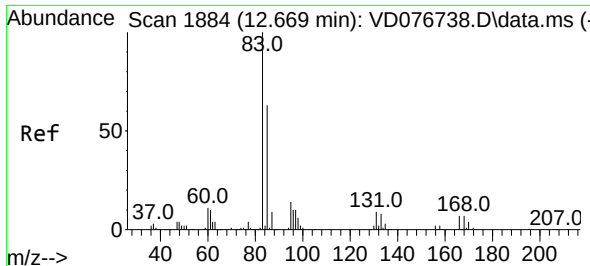
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#74
N-ethyl acetate
Concen: 50.750 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

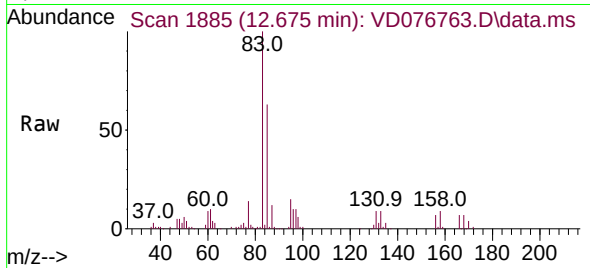
Tgt Ion: 43 Resp: 91328
Ion Ratio Lower Upper
43 100
70 50.8 45.0 67.4
55 25.9 23.8 35.6
61 28.2 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 61.802 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

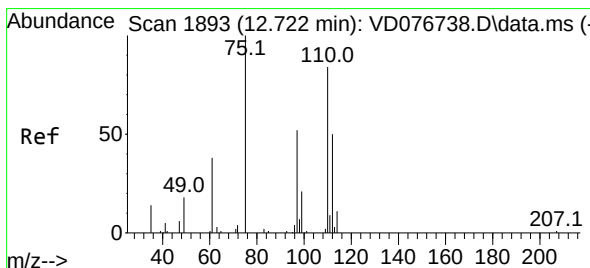
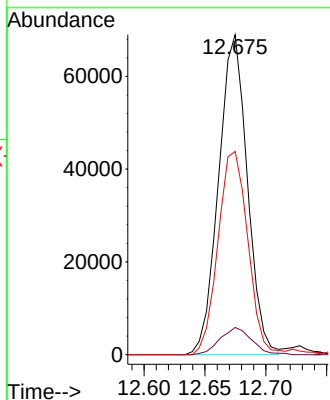
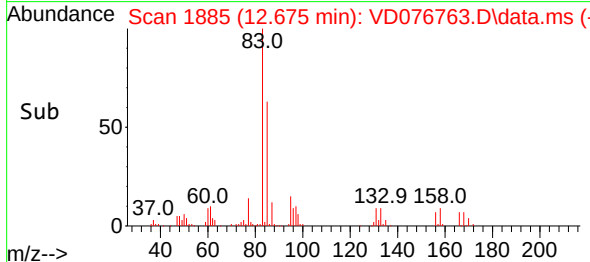
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 83 Resp: 11334
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 65.9 32.6 97.8

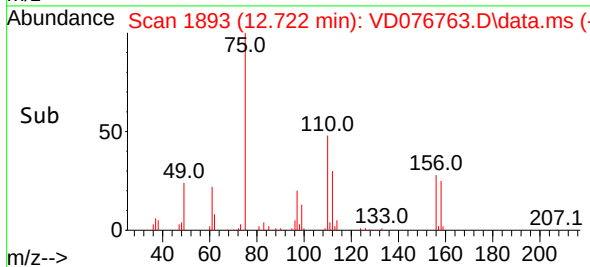
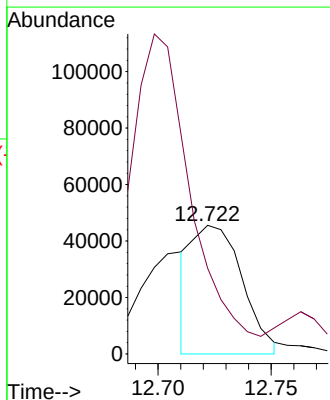
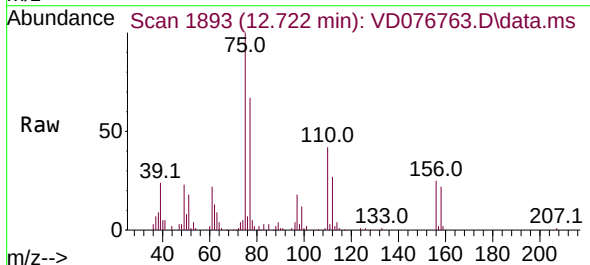
Manual Integrations
APPROVED

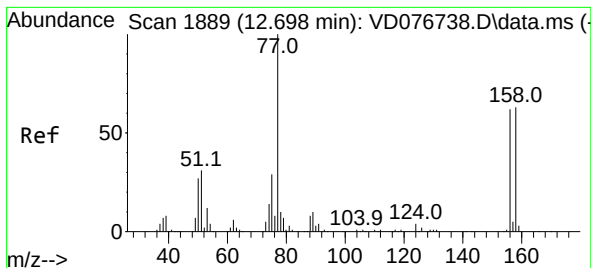
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#76
1,2,3-Trichloropropane
Concen: 63.173 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

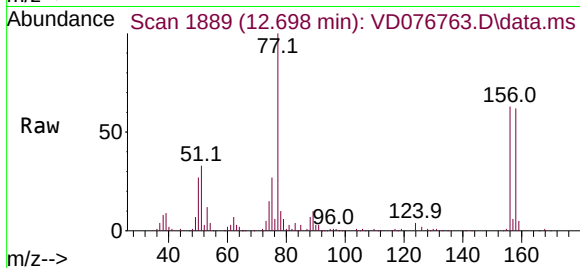
Tgt Ion: 75 Resp: 70732
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 62.324 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

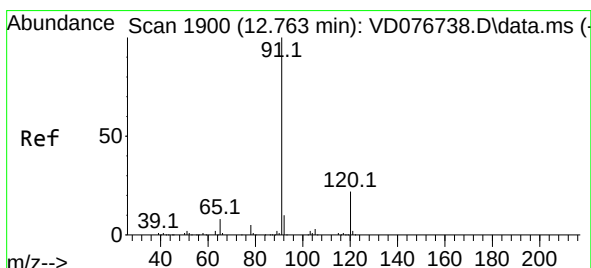
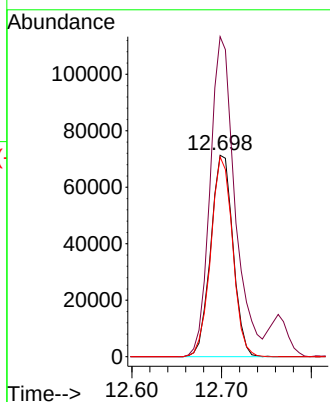
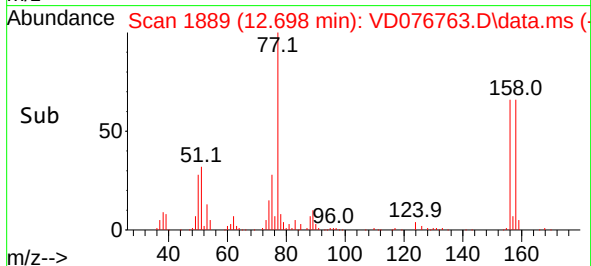
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



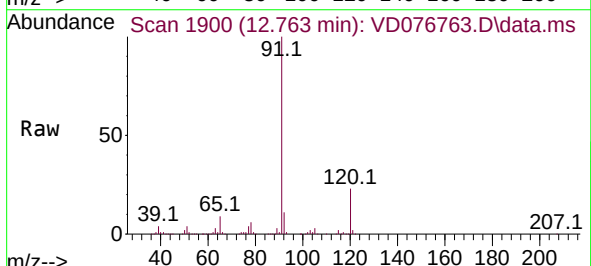
Tgt Ion:156 Resp: 122885
Ion Ratio Lower Upper
156 100
77 177.0 76.8 230.4
158 97.3 48.6 145.9

Manual Integrations
APPROVED

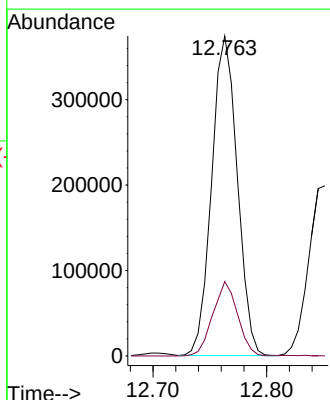
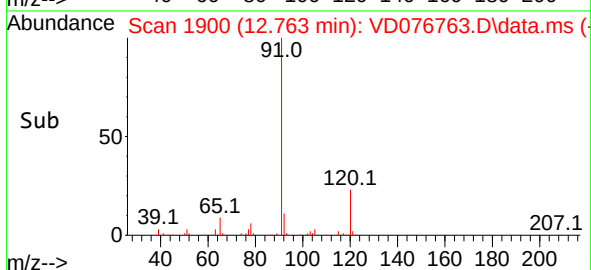
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

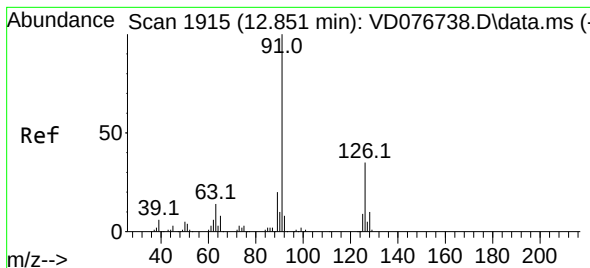


#78
n-propylbenzene
Concen: 56.624 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



Tgt Ion: 91 Resp: 586382
Ion Ratio Lower Upper
91 100
120 22.5 12.4 37.2





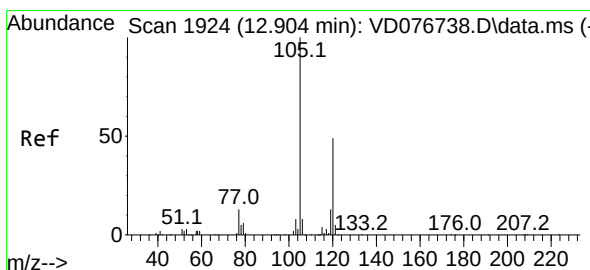
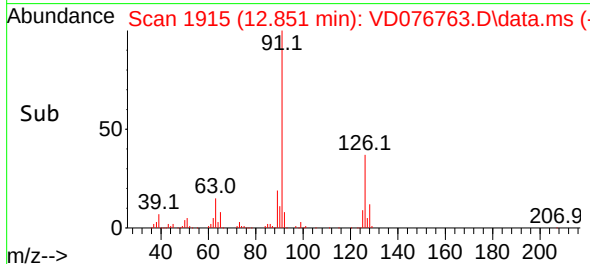
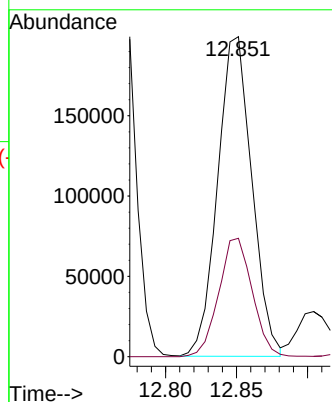
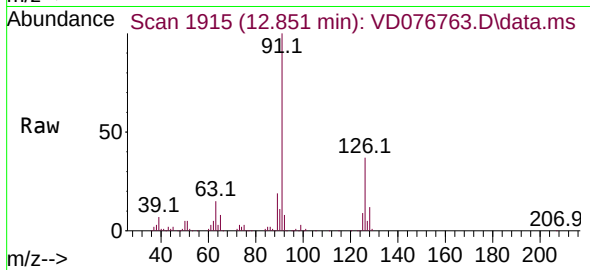
#79
2-Chlorotoluene
Concen: 58.735 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

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

Tgt Ion: 91 Resp: 333500
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.1

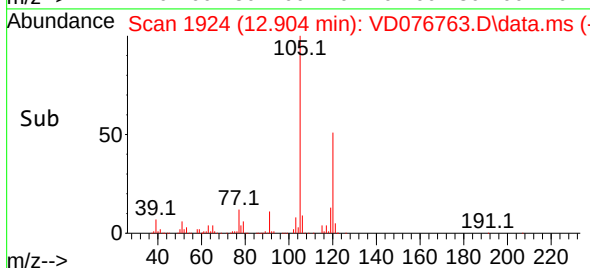
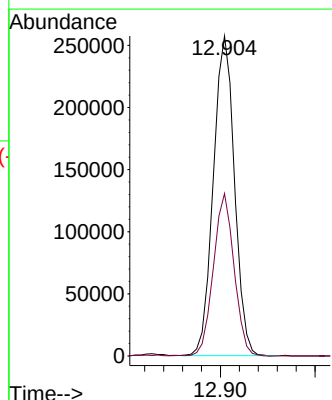
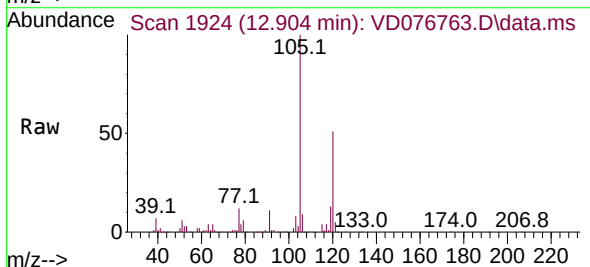
Manual Integrations
APPROVED

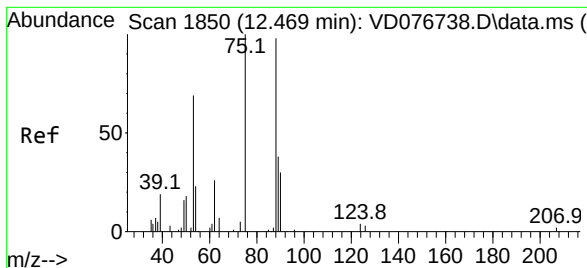
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 57.797 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

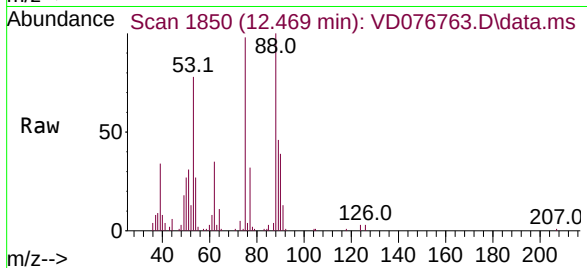
Tgt Ion:105 Resp: 399207
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 59.906 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

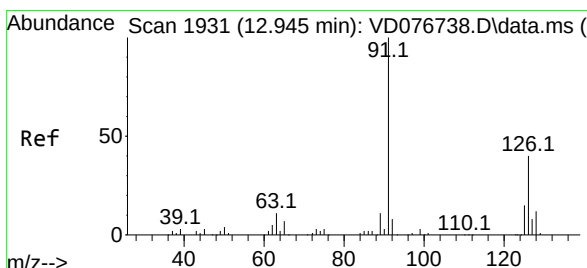
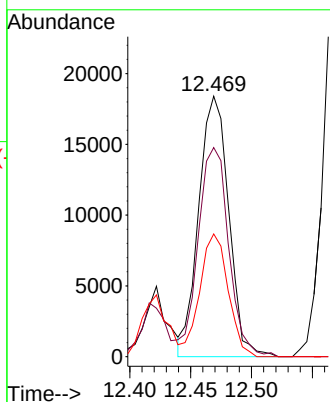
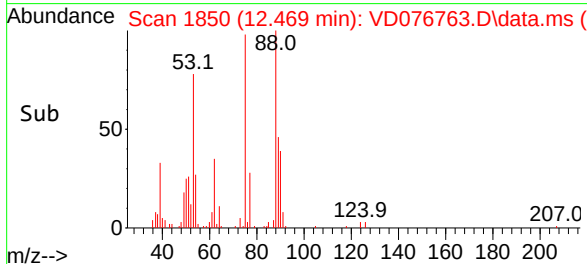
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



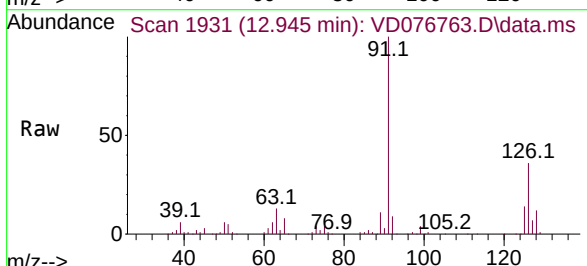
Tgt Ion: 75 Resp: 31510
Ion Ratio Lower Upper
75 100
53 82.9 63.0 94.4
89 44.8 37.9 56.9

Manual Integrations
APPROVED

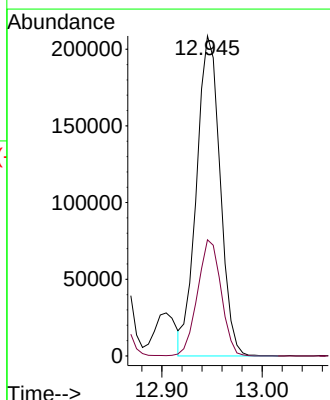
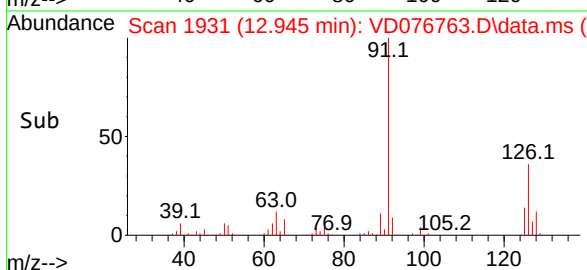
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

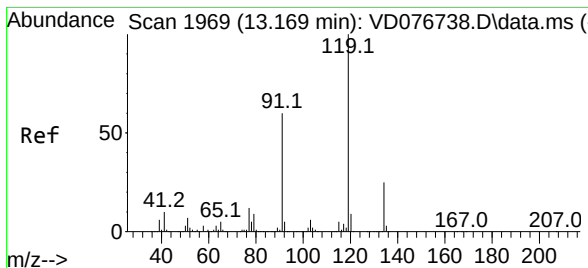


#82
4-Chlorotoluene
Concen: 57.603 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



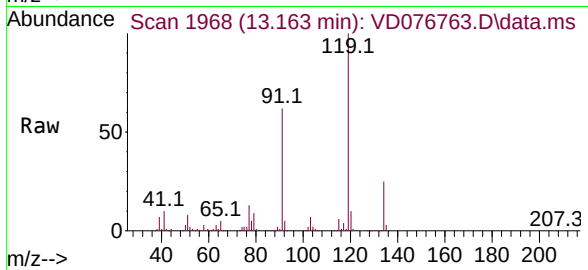
Tgt Ion: 91 Resp: 341690
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4





#83
tert-Butylbenzene
Concen: 56.708 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

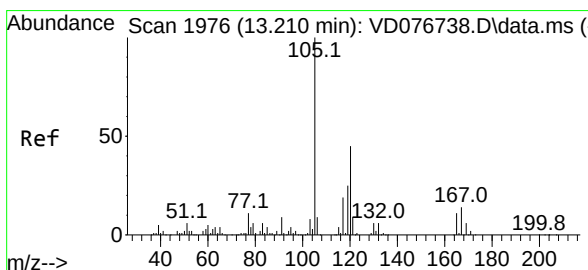
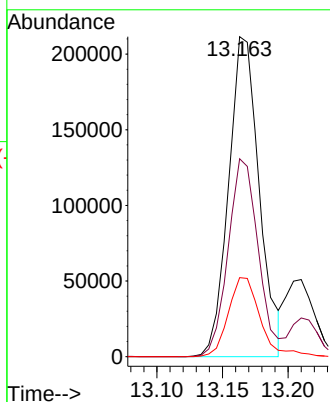
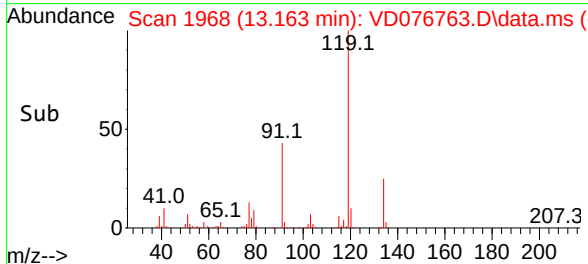
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion:119 Resp: 344874
Ion Ratio Lower Upper
119 100
91 60.5 29.3 87.8
134 25.7 14.1 42.3

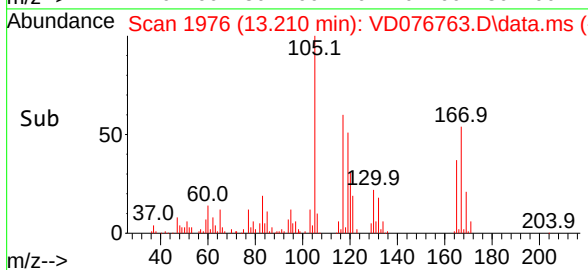
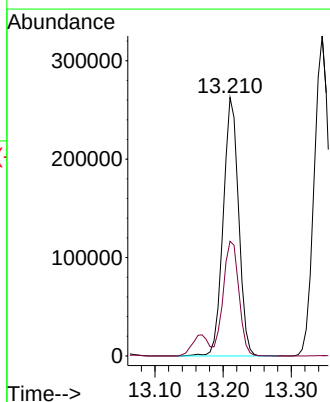
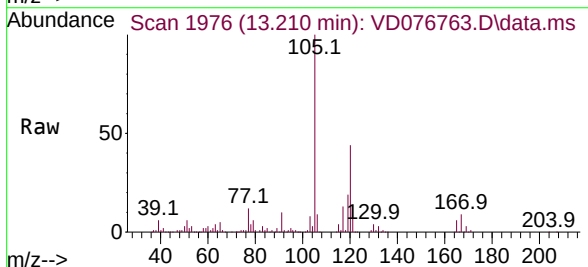
Manual Integrations
APPROVED

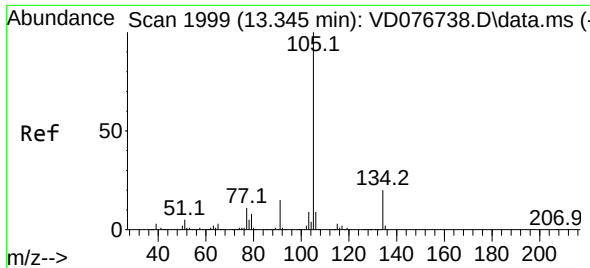
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 58.433 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

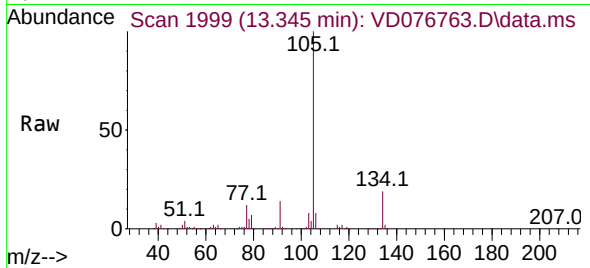
Tgt Ion:105 Resp: 412437
Ion Ratio Lower Upper
105 100
120 45.0 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 53.900 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076763.D
 Acq: 17 Jul 2023 19:17

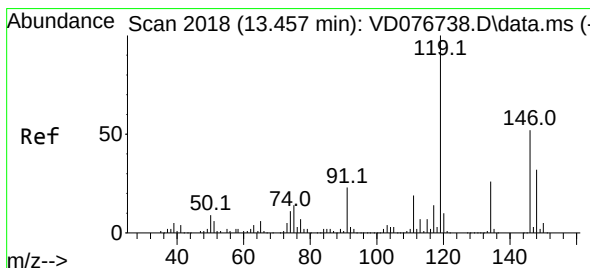
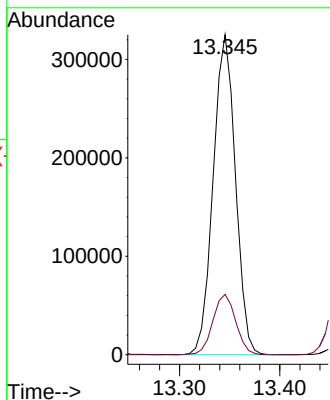
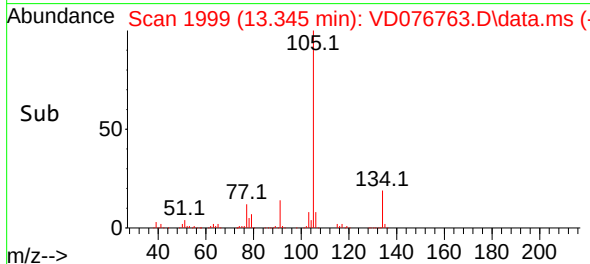
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MSD



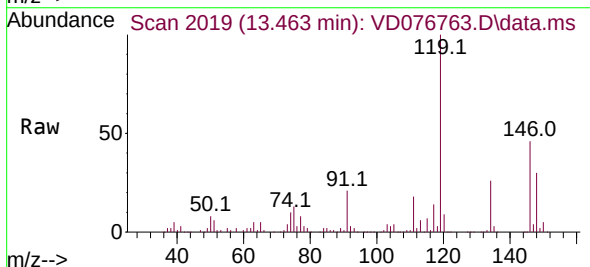
Tgt Ion:105 Resp: 500818
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.9 32.9

Manual Integrations
 APPROVED

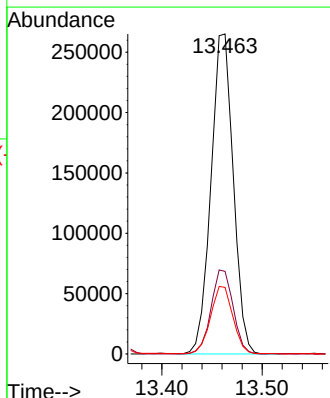
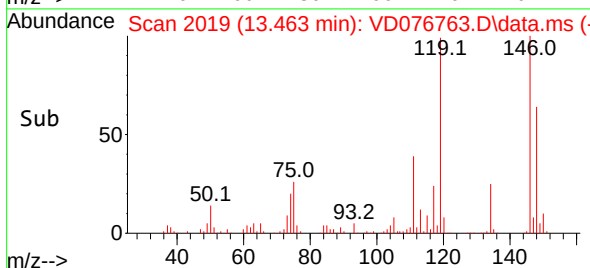
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

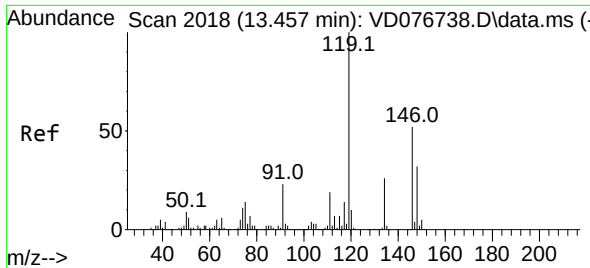


#86
 p-Isopropyltoluene
 Concen: 53.301 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076763.D
 Acq: 17 Jul 2023 19:17



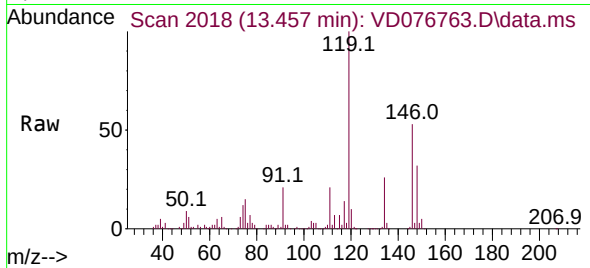
Tgt Ion:119 Resp: 409013
 Ion Ratio Lower Upper
 119 100
 134 25.9 14.2 42.6
 91 21.2 10.5 31.5





#87
 1,3-Dichlorobenzene
 Concen: 55.865 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076763.D
 Acq: 17 Jul 2023 19:17

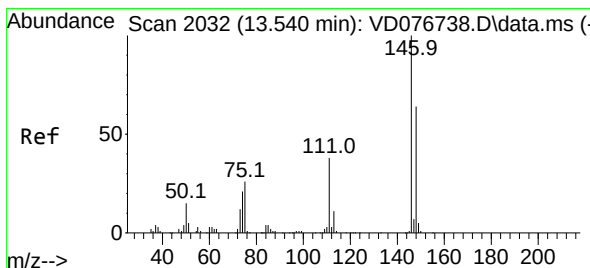
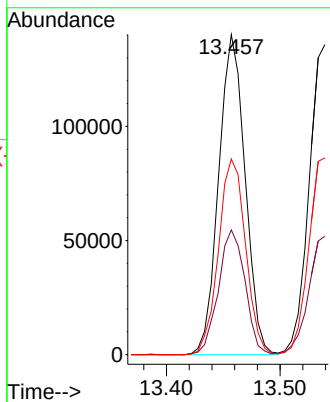
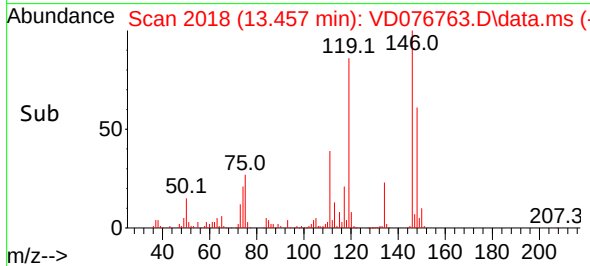
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-(1-5)MSD



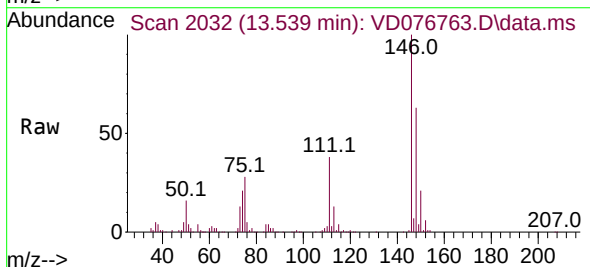
Tgt Ion:146 Resp: 226560
 Ion Ratio Lower Upper
 146 100
 111 39.2 17.9 53.8
 148 62.7 32.3 96.8

Manual Integrations
 APPROVED

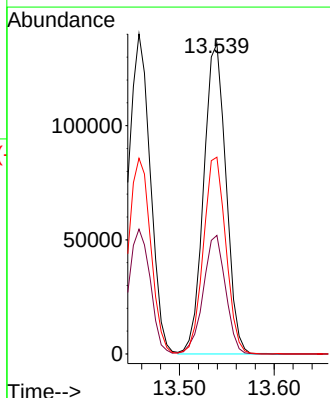
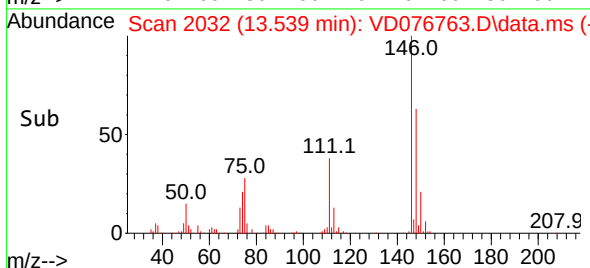
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023

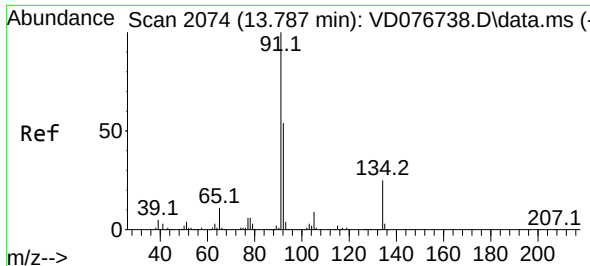


#88
 1,4-Dichlorobenzene
 Concen: 55.935 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.001 min
 Lab File: VD076763.D
 Acq: 17 Jul 2023 19:17



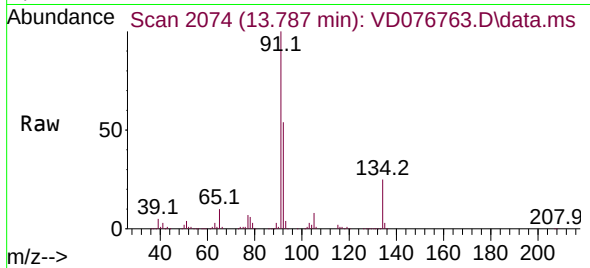
Tgt Ion:146 Resp: 222247
 Ion Ratio Lower Upper
 146 100
 111 38.2 17.4 52.3
 148 63.8 31.7 95.1





#89
n-Butylbenzene
Concen: 47.422 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

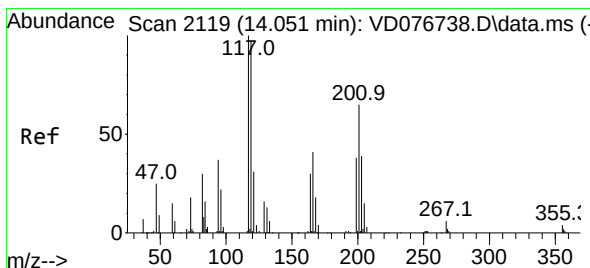
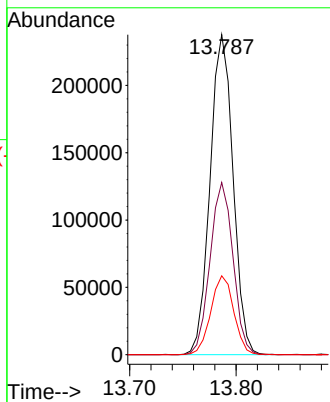
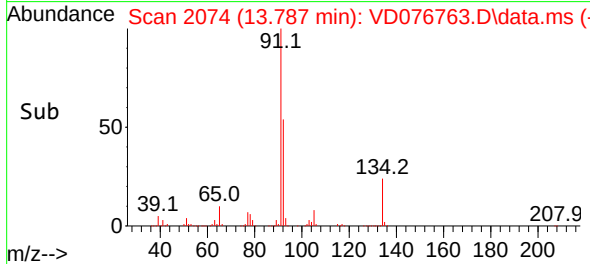
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



Tgt Ion: 91 Resp: 356090
Ion Ratio Lower Upper
91 100
92 53.7 26.5 79.5
134 24.7 13.8 41.3

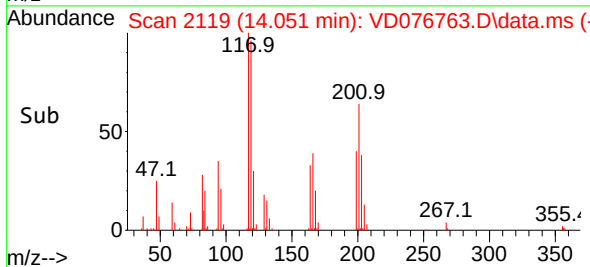
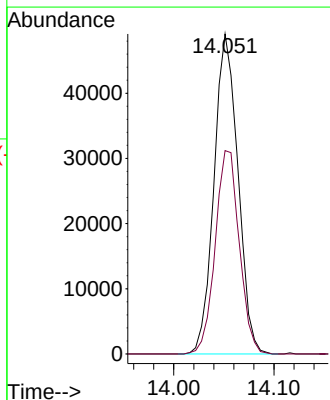
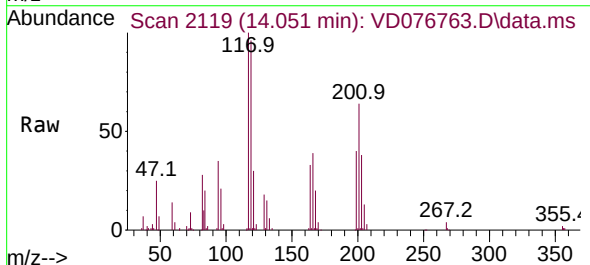
Manual Integrations
APPROVED

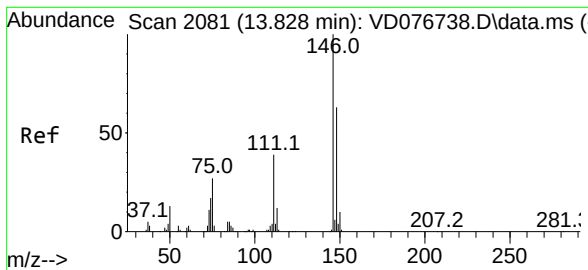
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#90
Hexachloroethane
Concen: 57.282 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

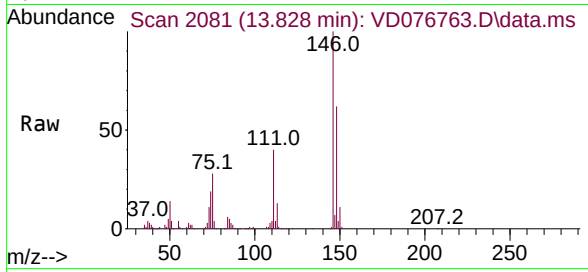
Tgt Ion:117 Resp: 81265
Ion Ratio Lower Upper
117 100
201 63.9 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 58.138 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

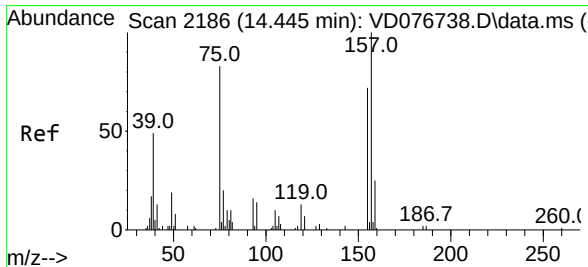
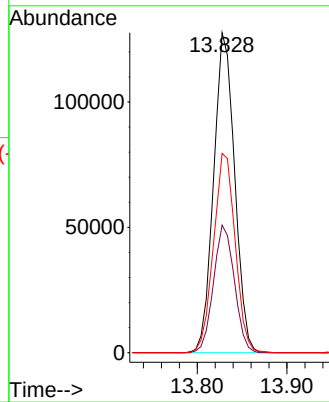
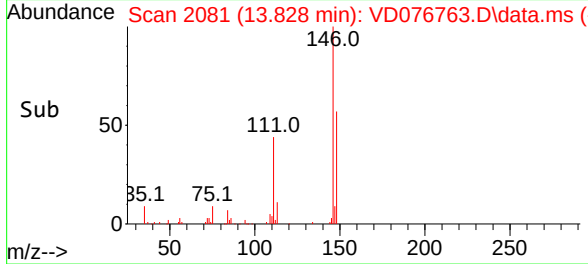
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



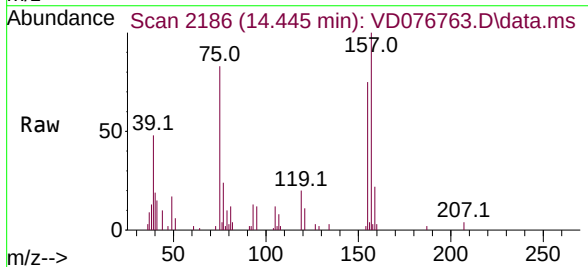
Tgt Ion:146 Resp: 207760
Ion Ratio Lower Upper
146 100
111 39.6 18.3 54.8
148 64.3 31.6 94.7

Manual Integrations
APPROVED

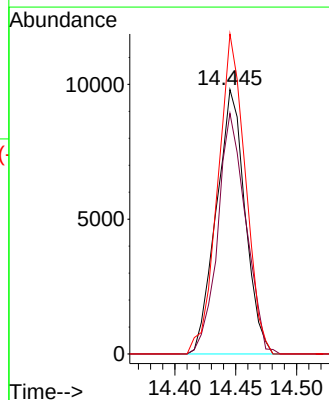
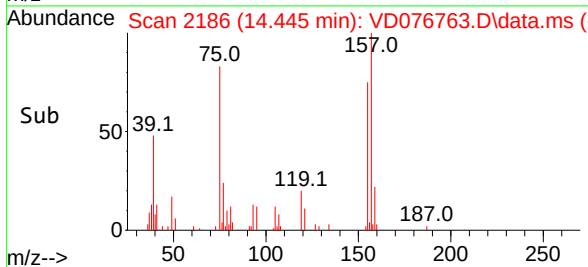
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

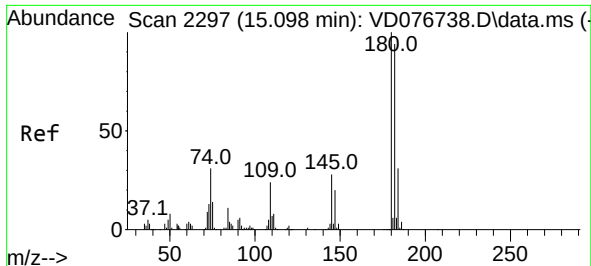


#92
1,2-Dibromo-3-Chloropropane
Concen: 61.441 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



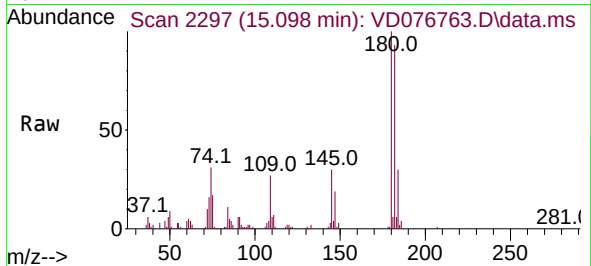
Tgt Ion: 75 Resp: 16067
Ion Ratio Lower Upper
75 100
155 88.9 47.9 143.8
157 116.2 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 46.633 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

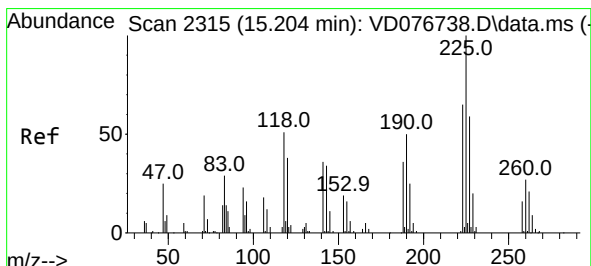
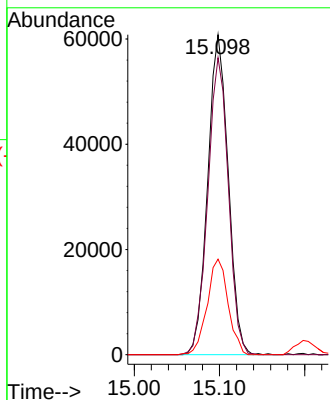
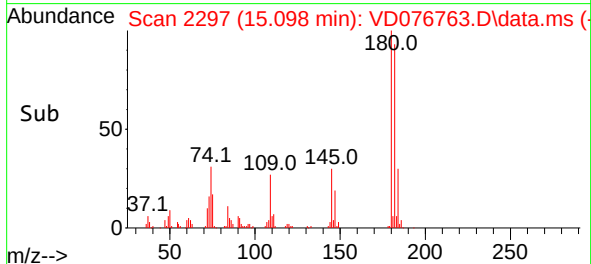
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



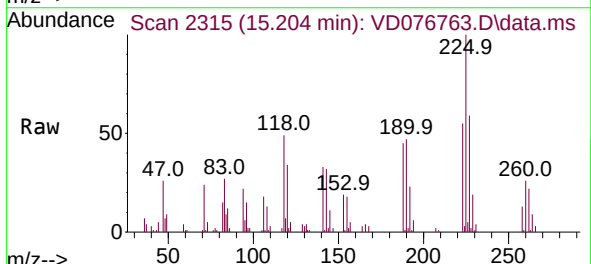
Tgt Ion:180 Resp: 101738
Ion Ratio Lower Upper
180 100
182 93.2 48.5 145.6
145 30.6 14.2 42.6

Manual Integrations
APPROVED

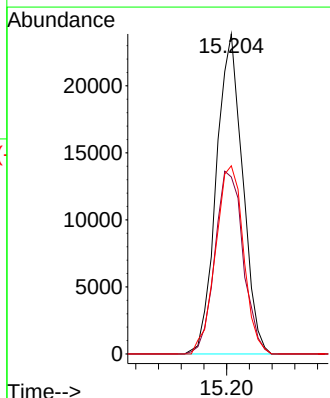
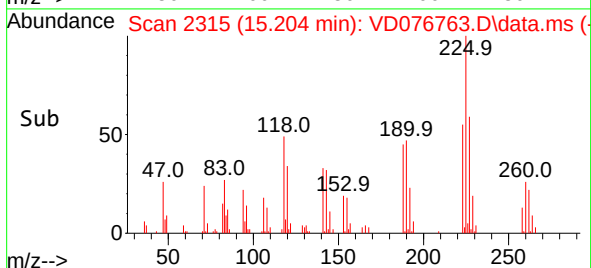
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

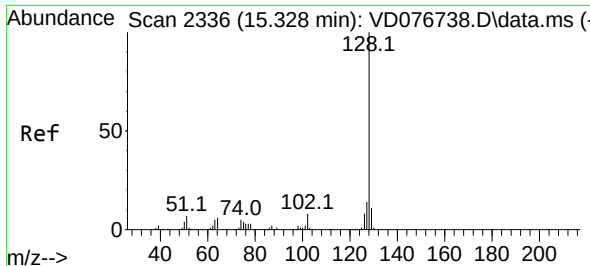


#94
Hexachlorobutadiene
Concen: 36.508 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



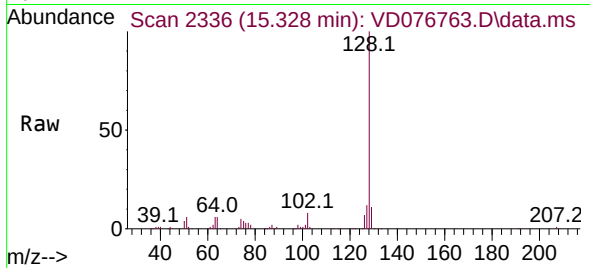
Tgt Ion:225 Resp: 38306
Ion Ratio Lower Upper
225 100
223 61.4 31.6 94.8
227 62.6 31.7 95.1





#95
Naphthalene
Concen: 52.353 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17

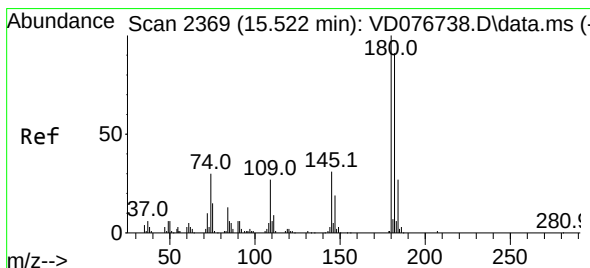
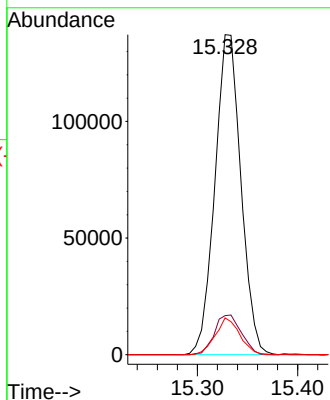
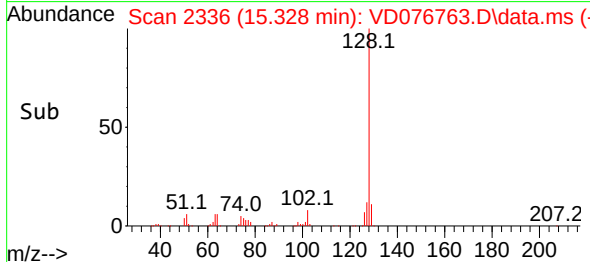
Instrument :
MSVOA_D
ClientSampleId :
SB-04-(1-5)MSD



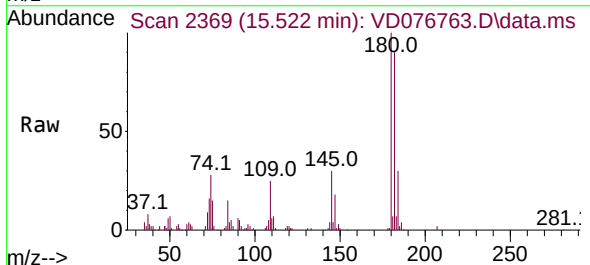
Tgt Ion:128 Resp: 247308
Ion Ratio Lower Upper
128 100
127 12.2 10.5 15.7
129 11.5 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 46.747 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076763.D
Acq: 17 Jul 2023 19:17



Tgt Ion:180 Resp: 91521
Ion Ratio Lower Upper
180 100
182 94.2 47.3 141.9
145 32.3 15.1 45.3

