

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072823\
 Data File : VD076848.D
 Acq On : 28 Jul 2023 12:04
 Operator : KP/SY
 Sample : VD0728SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/31/2023
 Supervised By : Mahesh Dadoda 07/31/2023

Quant Time: Jul 28 23:00:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	163795	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	301394	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	274277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	130907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	82043	50.288	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.580%			
35) Dibromofluoromethane	7.805	113	97763	51.618	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.240%			
50) Toluene-d8	10.269	98	323637	47.766	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.540%			
62) 4-Bromofluorobenzene	12.575	95	106603	48.636	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.280%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	26239	20.486	ug/l	96
3) Chloromethane	2.146	50	42207	19.102	ug/l	99
4) Vinyl Chloride	2.275	62	57759	19.610	ug/l	96
5) Bromomethane	2.670	94	45570	18.805	ug/l	100
6) Chloroethane	2.822	64	45717	20.558	ug/l	92
7) Trichlorofluoromethane	3.164	101	57525	21.949	ug/l	96
8) Diethyl Ether	3.593	74	18309	20.291	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.958	101	36057	20.930	ug/l	98
10) Methyl Iodide	4.152	142	35174	18.112	ug/l	91
11) Tert butyl alcohol	5.064	59	13354	109.692	ug/l #	84
12) 1,1-Dichloroethene	3.934	96	32360	19.993	ug/l	96
13) Acrolein	3.793	56	9411	113.437	ug/l	99
14) Allyl chloride	4.546	41	42023	19.764	ug/l	92
15) Acrylonitrile	5.258	53	44594	100.623	ug/l	98
16) Acetone	4.022	43	39248	100.733	ug/l	87
17) Carbon Disulfide	4.258	76	63102	16.692	ug/l	99
18) Methyl Acetate	4.558	43	33160	22.652	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	88260	20.334	ug/l	98
20) Methylene Chloride	4.793	84	69320	24.659	ug/l	94
21) trans-1,2-Dichloroethene	5.305	96	35610	18.927	ug/l	88
22) Diisopropyl ether	6.211	45	106981	21.248	ug/l	92
23) Vinyl Acetate	6.152	43	243061m	97.569	ug/l	
24) 1,1-Dichloroethane	6.105	63	72814	21.449	ug/l	97
25) 2-Butanone	7.081	43	55252	105.958	ug/l	88
26) 2,2-Dichloropropane	7.075	77	61318	20.954	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	49378	21.290	ug/l	96
28) Bromochloromethane	7.416	49	19521	23.001	ug/l	85
29) Tetrahydrofuran	7.446	42	33043	107.250	ug/l	90
30) Chloroform	7.593	83	82461	22.178	ug/l	97
31) Cyclohexane	7.875	56	45779	19.067	ug/l #	92
32) 1,1,1-Trichloroethane	7.787	97	65933	21.979	ug/l	97
36) 1,1-Dichloropropene	8.005	75	49585	20.035	ug/l	97
37) Ethyl Acetate	7.169	43	22644	20.459	ug/l	98
38) Carbon Tetrachloride	7.987	117	50793	21.434	ug/l	99
39) Methylcyclohexane	9.269	83	54304	19.003	ug/l	95
40) Benzene	8.246	78	160052	20.496	ug/l	95

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Manual Integrations APPROVED

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 Supervised By : Mahesh Dadoda 07/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.387	41	11285m	16.697	ug/l	
42) 1,2-Dichloroethane	8.322	62	44260	21.814	ug/l	97
43) Isopropyl Acetate	8.357	43	44724	20.705	ug/l	96
44) Trichloroethene	9.022	130	42746	20.088	ug/l	99
45) 1,2-Dichloropropane	9.304	63	43609	21.634	ug/l	99
46) Dibromomethane	9.393	93	26118	22.136	ug/l	87
47) Bromodichloromethane	9.581	83	62963	21.264	ug/l	96
48) Methyl methacrylate	9.381	41	18178	18.490	ug/l #	86
49) 1,4-Dioxane	9.381	88	5941	392.997	ug/l #	92
51) 4-Methyl-2-Pentanone	10.157	43	120042	104.377	ug/l	94
52) Toluene	10.334	92	104129	20.303	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	56834	20.680	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	67205	20.749	ug/l #	87
55) 1,1,2-Trichloroethane	10.734	97	37221	21.603	ug/l	95
56) Ethyl methacrylate	10.599	69	42034	21.137	ug/l #	94
57) 1,3-Dichloropropane	10.875	76	58504	20.850	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	82188	106.770	ug/l	96
59) 2-Hexanone	10.922	43	84918	103.479	ug/l	91
60) Dibromochloromethane	11.075	129	43502	21.734	ug/l	95
61) 1,2-Dibromoethane	11.175	107	32983	20.648	ug/l	100
64) Tetrachloroethene	10.810	164	34210	21.874	ug/l	92
65) Chlorobenzene	11.604	112	115901	21.011	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	44713	21.771	ug/l	99
67) Ethyl Benzene	11.681	91	204158	21.074	ug/l	97
68) m/p-Xylenes	11.793	106	156298	42.008	ug/l	93
69) o-Xylene	12.122	106	73921	20.545	ug/l	94
70) Styrene	12.134	104	129975	20.636	ug/l	97
71) Bromoform	12.298	173	25558	22.722	ug/l #	100
73) Isopropylbenzene	12.422	105	197589	20.804	ug/l	96
74) N-amyl acetate	12.234	43	41846	20.914	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.675	83	45792	22.456	ug/l	95
76) 1,2,3-Trichloropropane	12.728	75	27934m	22.439	ug/l	
77) Bromobenzene	12.698	156	46198	21.073	ug/l	89
78) n-propylbenzene	12.763	91	246969	21.449	ug/l	94
79) 2-Chlorotoluene	12.845	91	132112	20.926	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	160840	20.944	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.463	75	12260	20.959	ug/l	98
82) 4-Chlorotoluene	12.945	91	140572	21.314	ug/l	93
83) tert-Butylbenzene	13.163	119	143421	21.210	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	161174	20.537	ug/l	97
85) sec-Butylbenzene	13.345	105	217849	21.087	ug/l	95
86) p-Isopropyltoluene	13.457	119	182261	21.362	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	95697	21.223	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	93812	21.235	ug/l	95
89) n-Butylbenzene	13.787	91	171434	20.534	ug/l	98
90) Hexachloroethane	14.051	117	36978	23.443	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	86919	21.876	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6400	22.012	ug/l	95
93) 1,2,4-Trichlorobenzene	15.098	180	51520	21.239	ug/l	98
94) Hexachlorobutadiene	15.204	225	23792	20.394	ug/l	98
95) Naphthalene	15.328	128	113213	21.555	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	45888	21.081	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

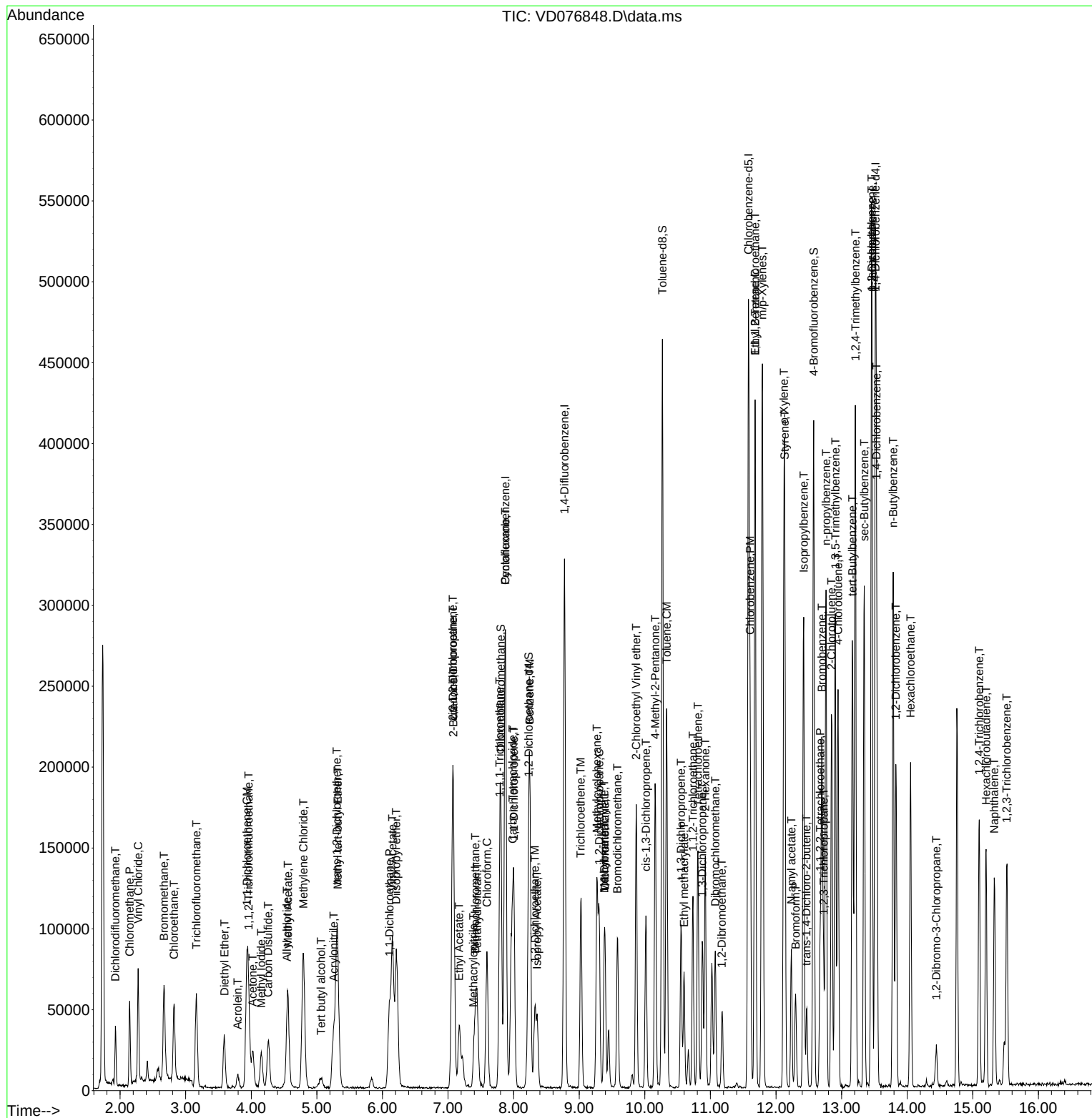
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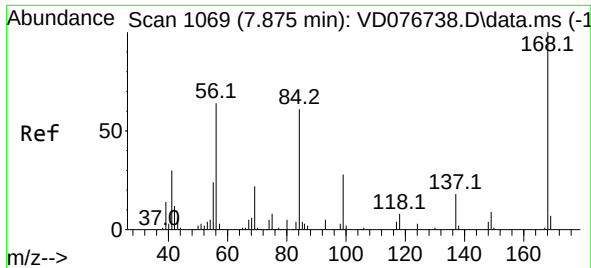
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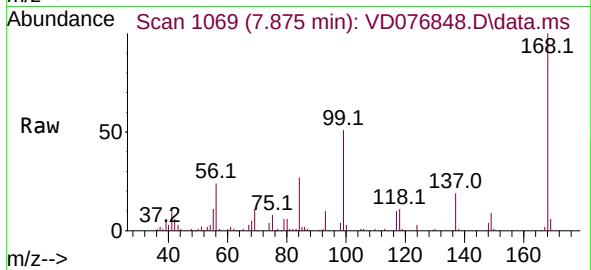
Quant Time: Jul 28 23:00:59 2023
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

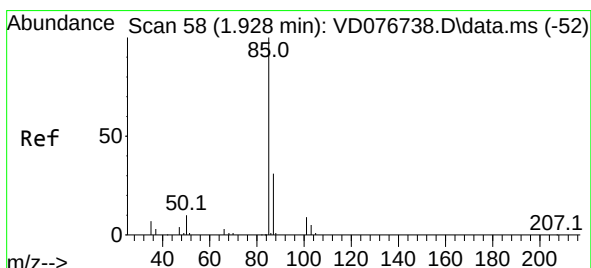
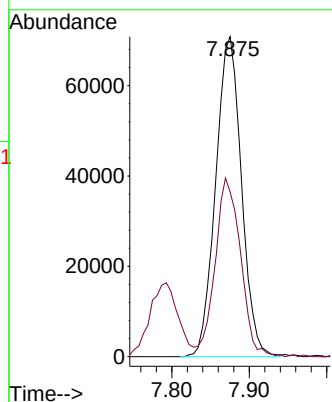
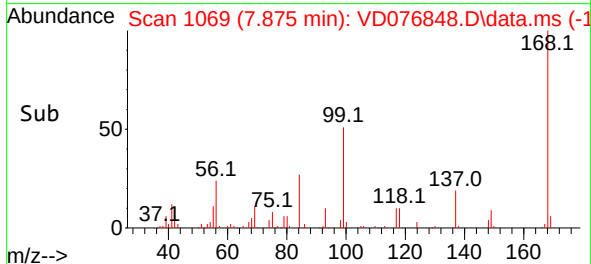
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion:168 Resp: 163799
Ion Ratio Lower Upper
168 100
99 50.7 36.7 55.1

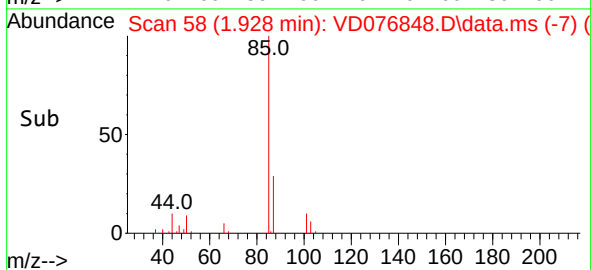
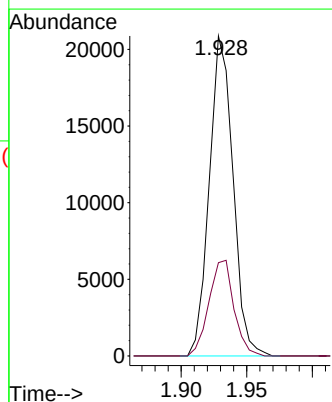
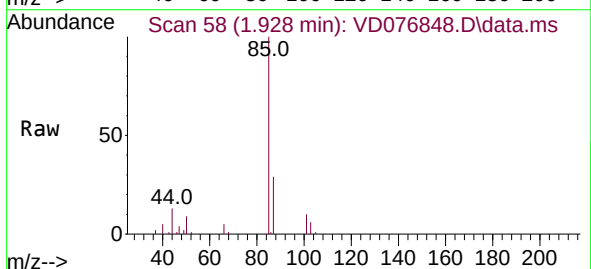
Manual Integrations
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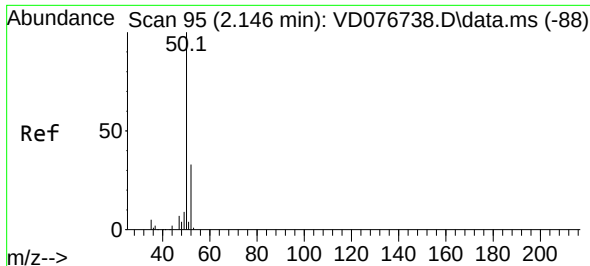
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#2
Dichlorodifluoromethane
Concen: 20.486 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

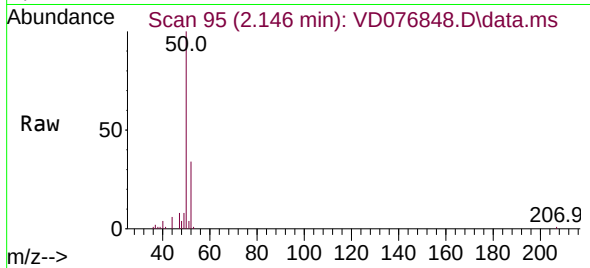
Tgt Ion: 85 Resp: 26239
Ion Ratio Lower Upper
85 100
87 29.2 15.7 47.0





#3
Chloromethane
Concen: 19.102 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

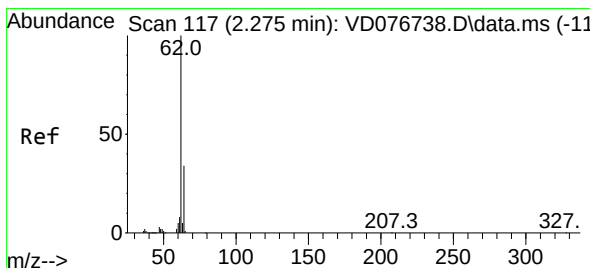
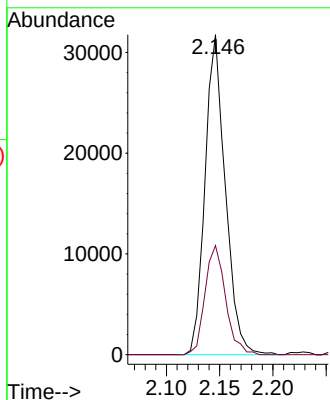
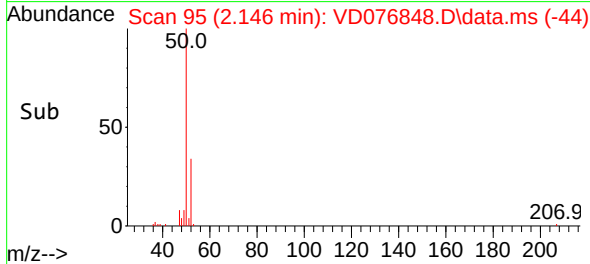
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion: 50 Resp: 4220
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0

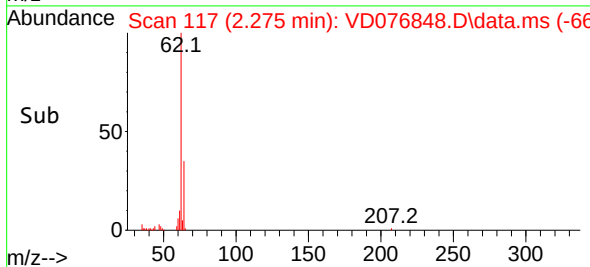
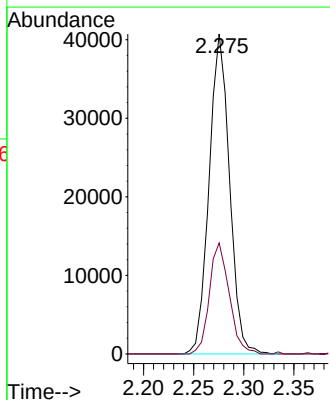
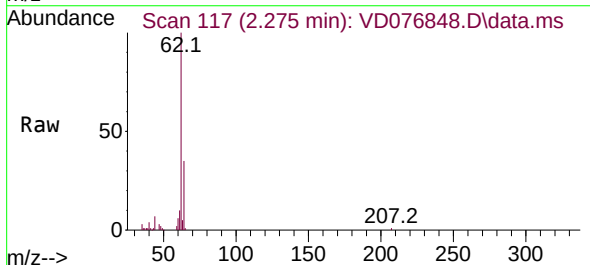
Manual Integrations
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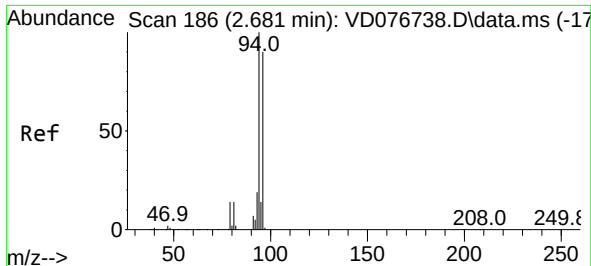
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#4
Vinyl Chloride
Concen: 19.610 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

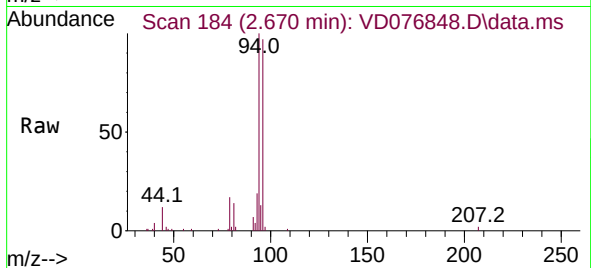
Tgt Ion: 62 Resp: 57759
Ion Ratio Lower Upper
62 100
64 34.7 26.0 39.0





#5
Bromomethane
Concen: 18.805 ug/l
RT: 2.670 min Scan# 186
Delta R.T. -0.011 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

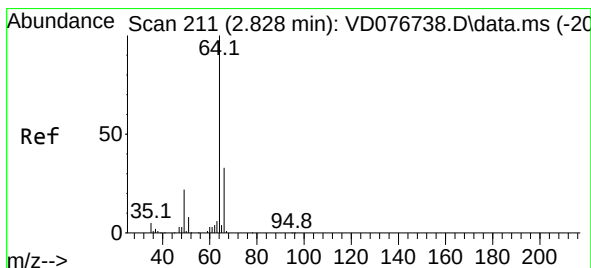
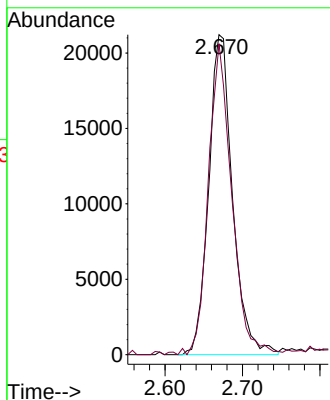
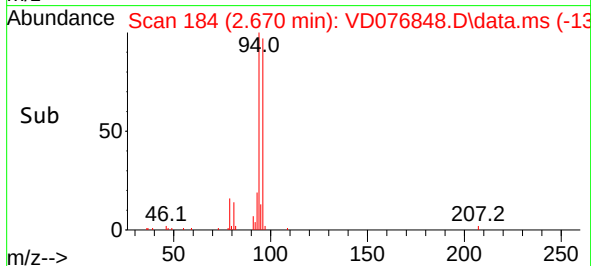
Instrument :
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Tgt Ion: 94 Resp: 45570
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8

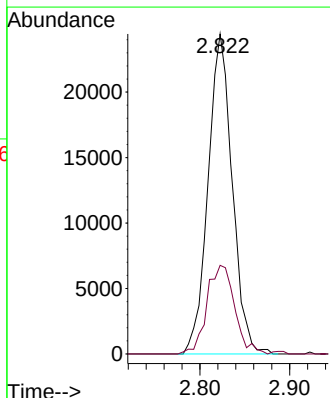
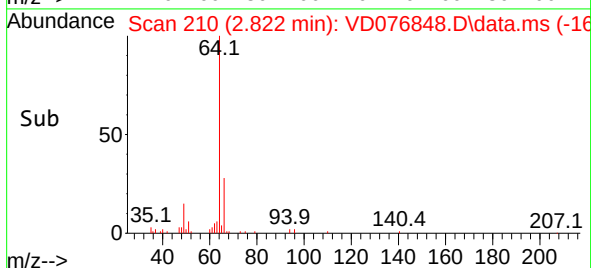
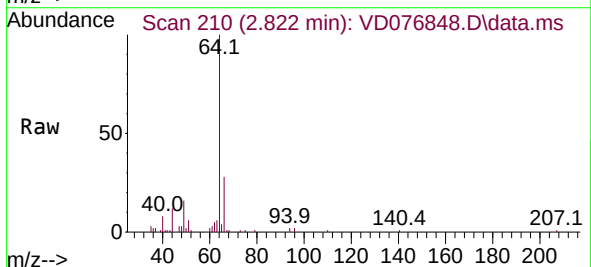
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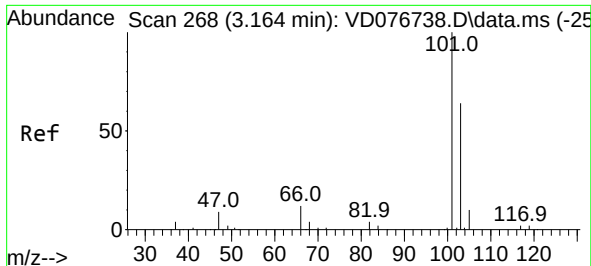
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#6
Chloroethane
Concen: 20.558 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

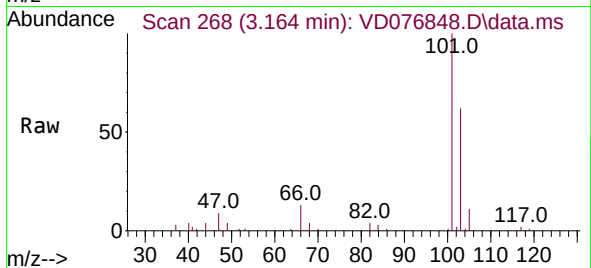
Tgt Ion: 64 Resp: 45717
Ion Ratio Lower Upper
64 100
66 27.7 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 21.949 ug/l
 RT: 3.164 min Scan# 268
 Delta R.T. -0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

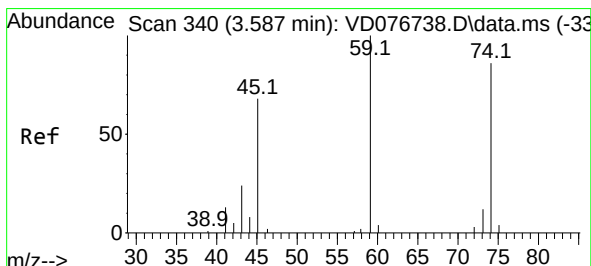
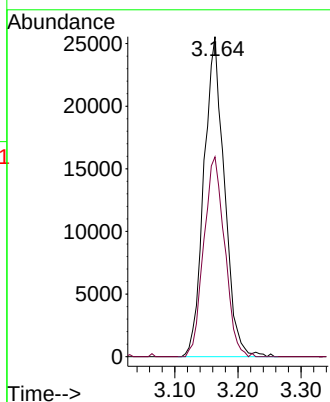
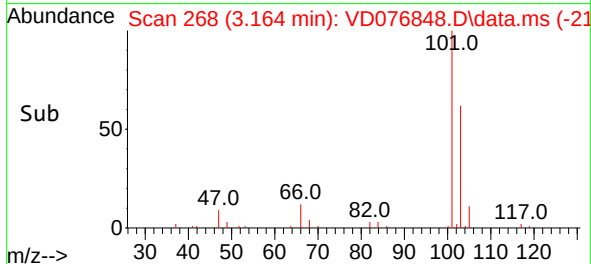
Instrument :
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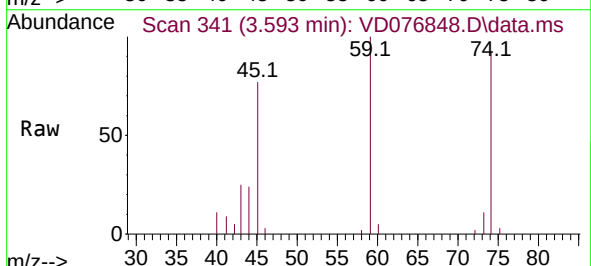
Tgt Ion:101 Resp: 5752
 Ion Ratio Lower Upper
 101 100
 103 62.4 52.3 78.5

Manual Integrations
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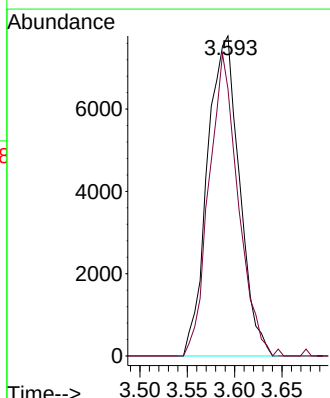
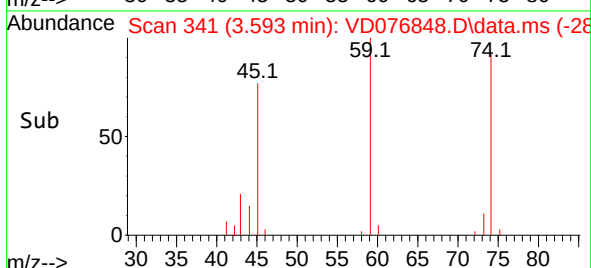
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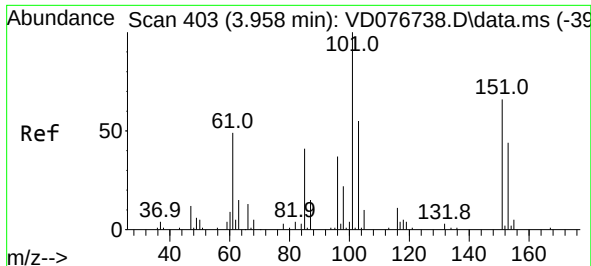


#8
 Diethyl Ether
 Concen: 20.291 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04



Tgt Ion: 74 Resp: 18309
 Ion Ratio Lower Upper
 74 100
 45 86.1 37.5 112.7





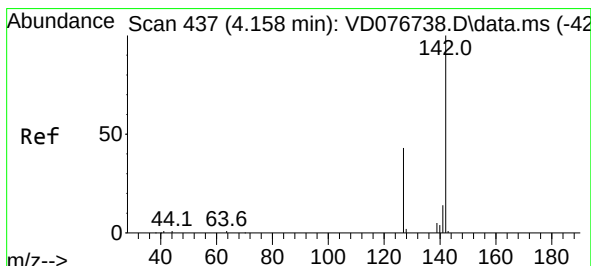
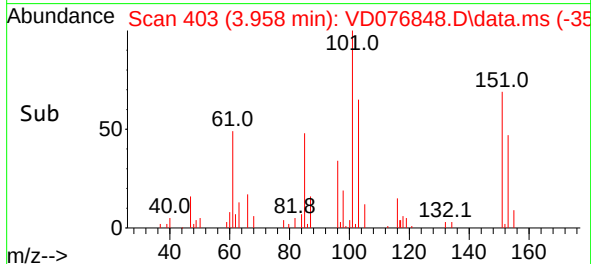
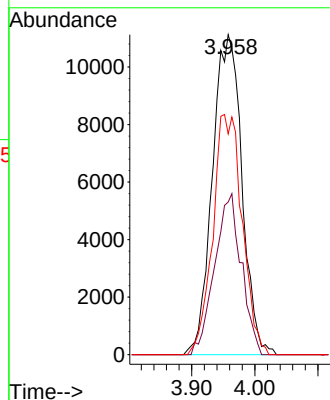
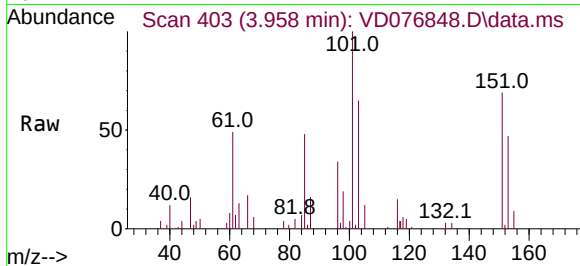
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.930 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion:101 Resp: 3605
Ion Ratio Lower Upper
101 100
85 45.7 33.8 50.6
151 74.8 59.8 89.6

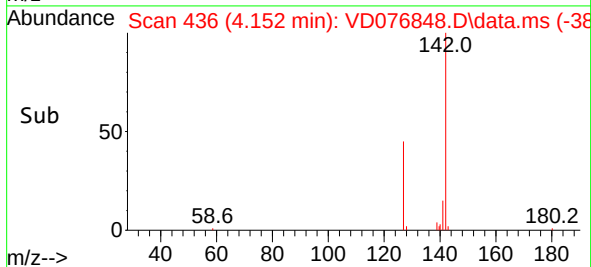
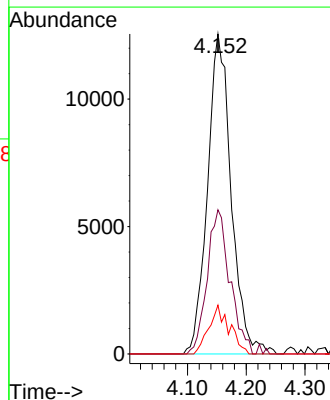
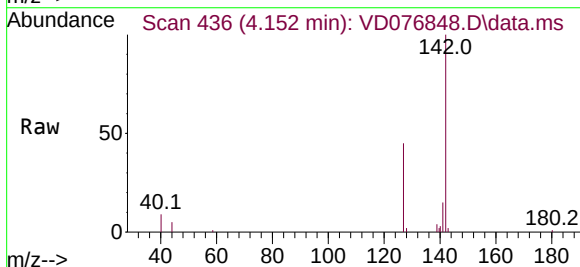
Manual Integrations
APPROVED

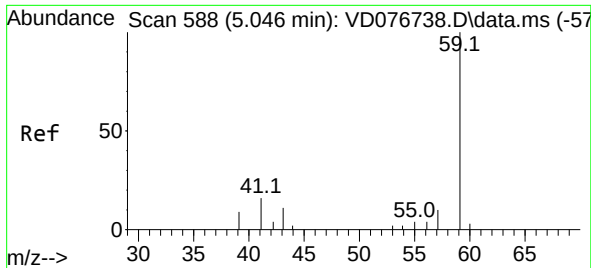
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#10
Methyl Iodide
Concen: 18.112 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:142 Resp: 35174
Ion Ratio Lower Upper
142 100
127 43.3 29.4 44.0
141 13.2 11.1 16.7





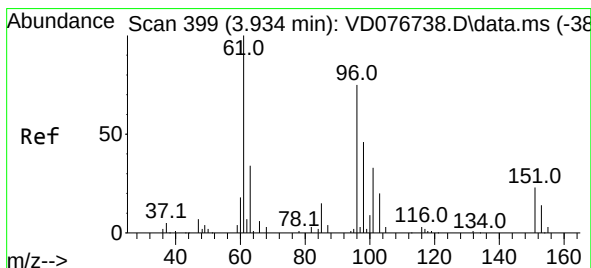
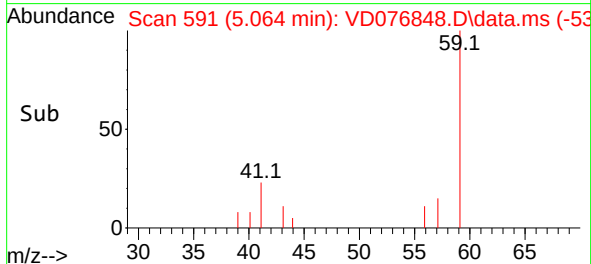
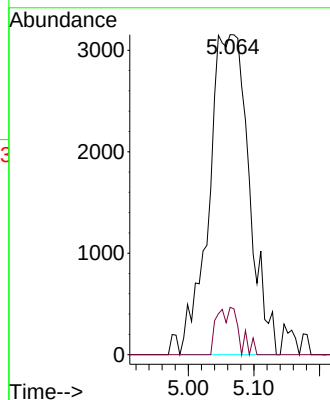
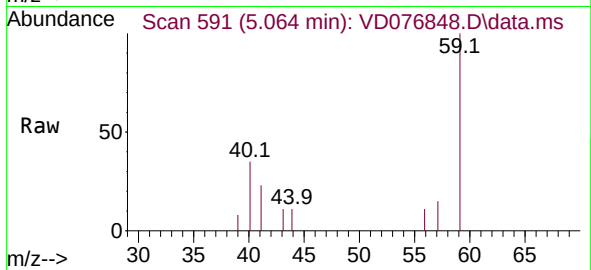
#11
Tert butyl alcohol
Concen: 109.692 ug/l
RT: 5.064 min Scan# 591
Delta R.T. 0.018 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion: 59 Resp: 13354
Ion Ratio Lower Upper
59 100
57 4.0 7.8 11.8

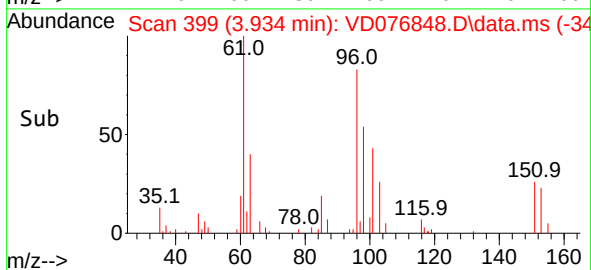
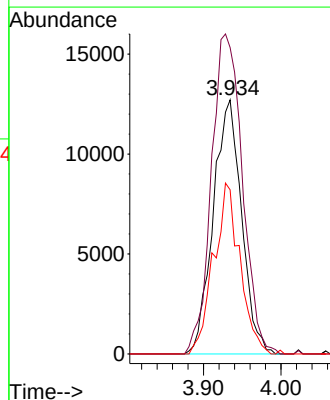
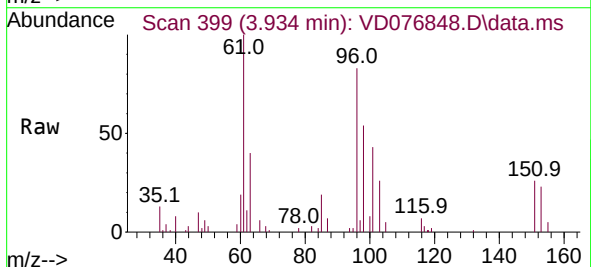
Manual Integrations
APPROVED

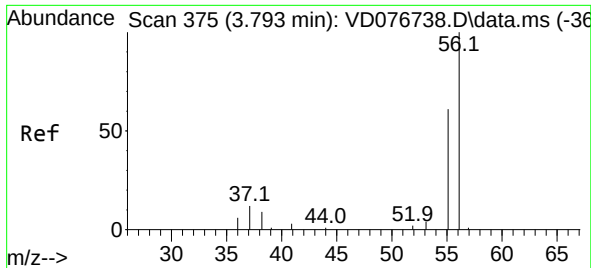
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#12
1,1-Dichloroethene
Concen: 19.993 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

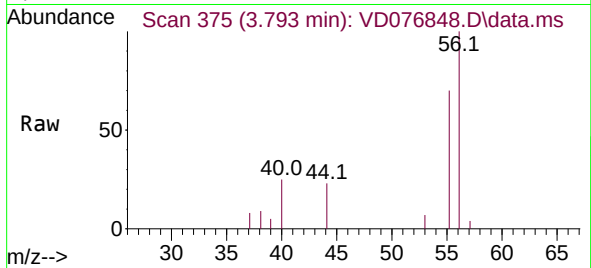
Tgt Ion: 96 Resp: 32360
Ion Ratio Lower Upper
96 100
61 120.6 100.6 150.8
98 64.6 50.2 75.2





#13
Acrolein
Concen: 113.437 ug/l
RT: 3.793 min Scan# 311
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

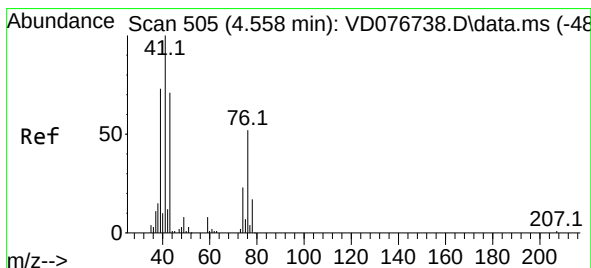
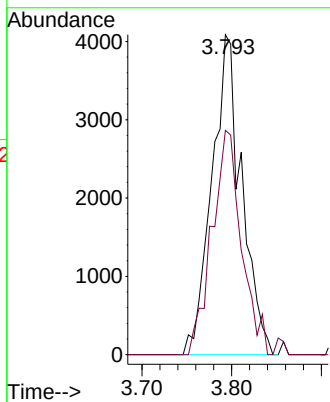
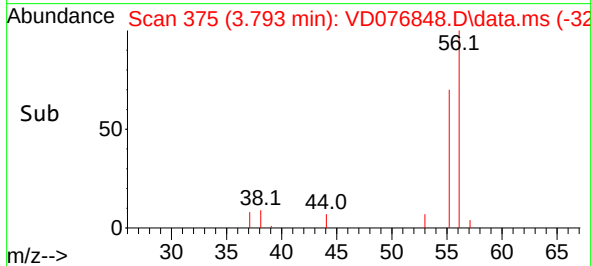
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion: 56 Resp: 941
Ion Ratio Lower Upper
56 100
55 69.5 55.1 82.7

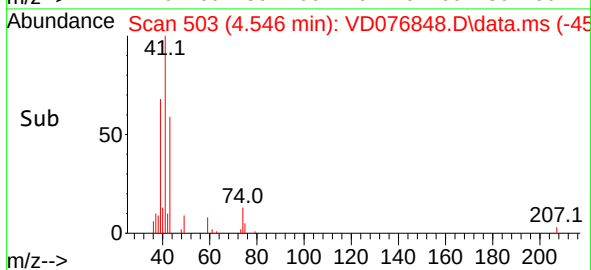
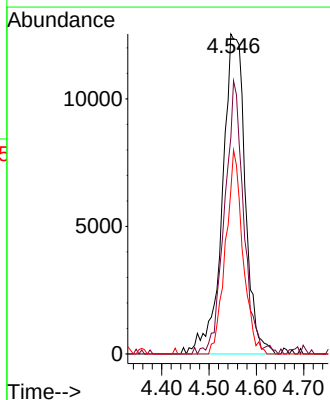
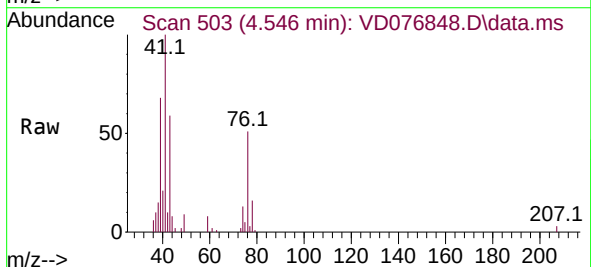
Manual Integrations
APPROVED

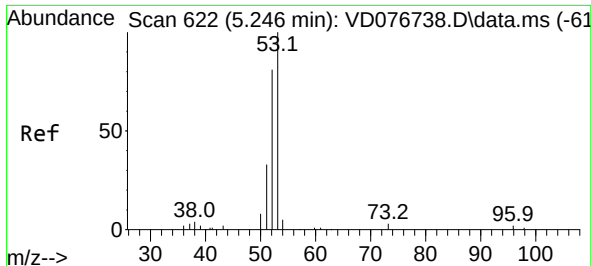
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#14
Allyl chloride
Concen: 19.764 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.012 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 41 Resp: 42023
Ion Ratio Lower Upper
41 100
39 70.7 53.8 80.6
76 48.1 45.8 68.8





#15

Acrylonitrile

Concen: 100.623 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

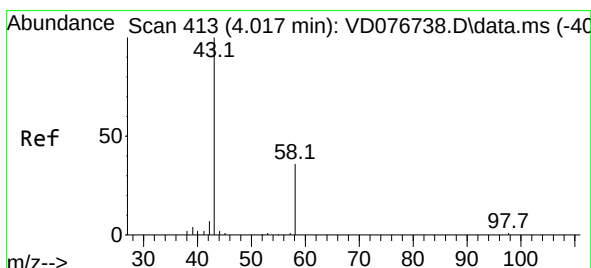
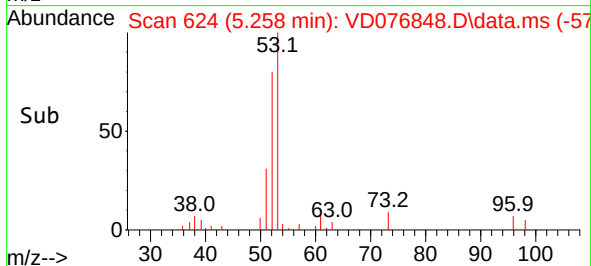
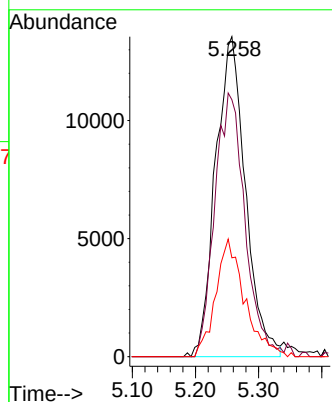
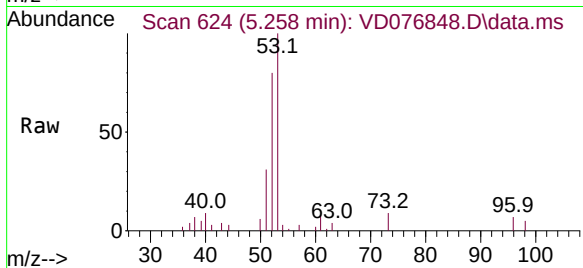
Tgt Ion: 53	Resp: 44594
Ion Ratio	Lower Upper
53 100	
52 82.9	65.0 97.4
51 35.8	28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#16

Acetone

Concen: 100.733 ug/l

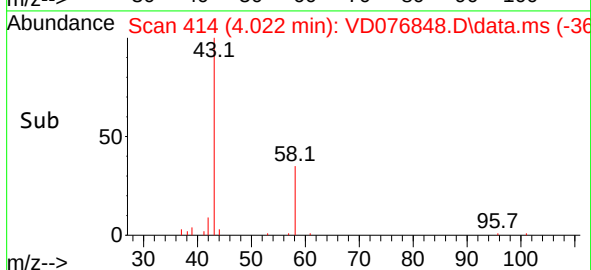
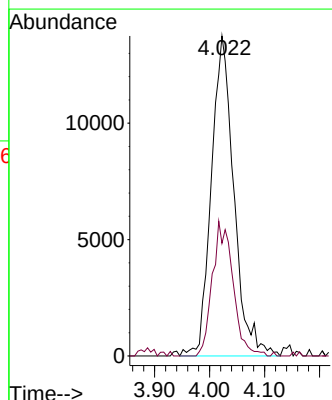
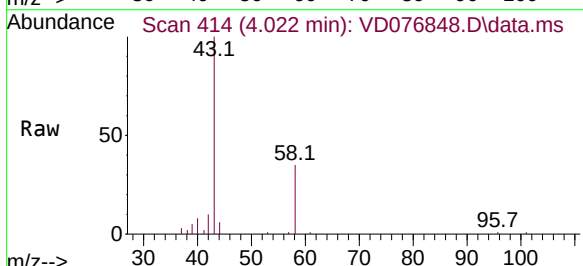
RT: 4.022 min Scan# 414

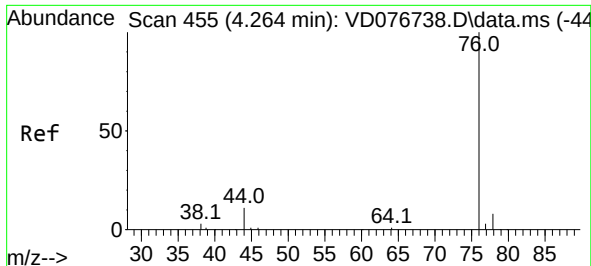
Delta R.T. 0.005 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Tgt Ion: 43	Resp: 39248
Ion Ratio	Lower Upper
43 100	
58 35.2	34.7 52.1





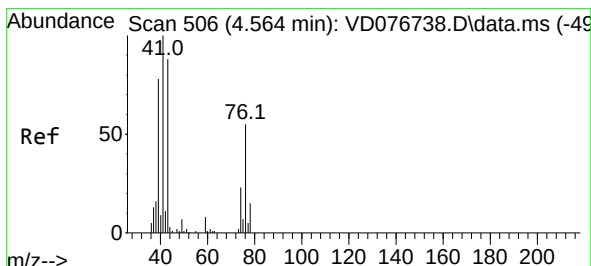
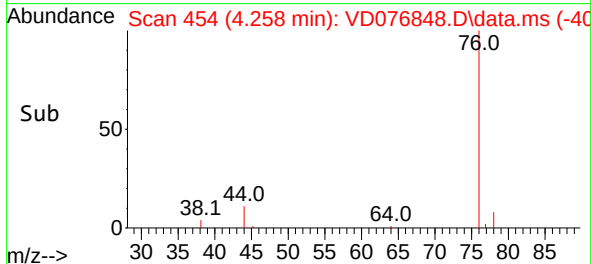
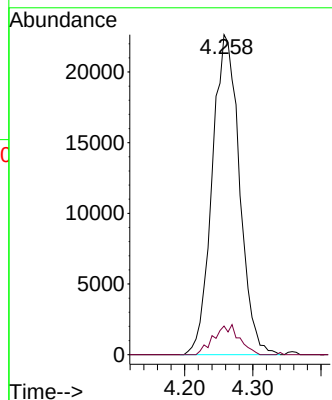
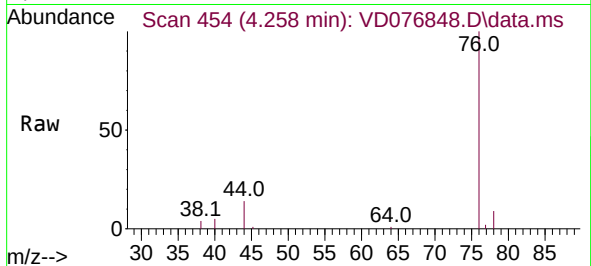
#17
Carbon Disulfide
Concen: 16.692 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion: 76 Resp: 6310
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

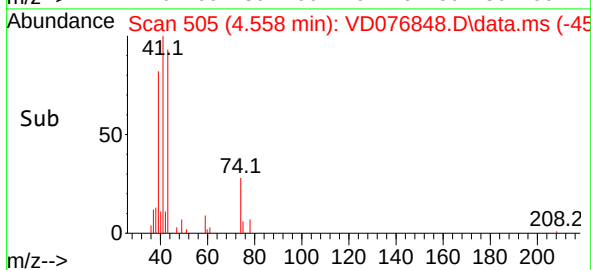
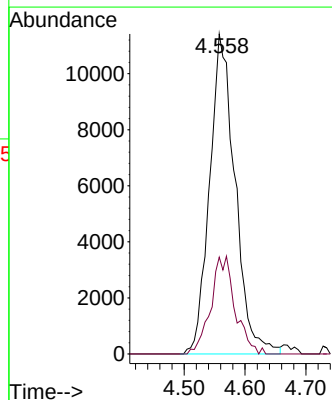
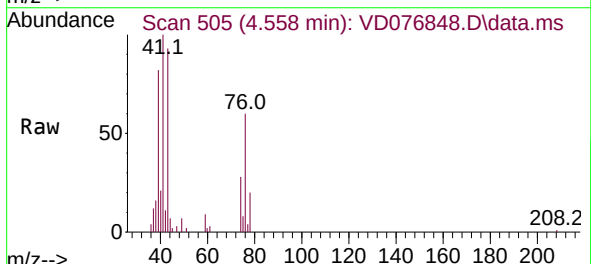
Manual Integrations
APPROVED

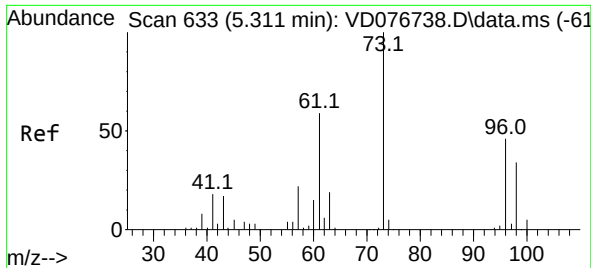
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#18
Methyl Acetate
Concen: 22.652 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 43 Resp: 33160
Ion Ratio Lower Upper
43 100
74 29.1 26.4 39.6





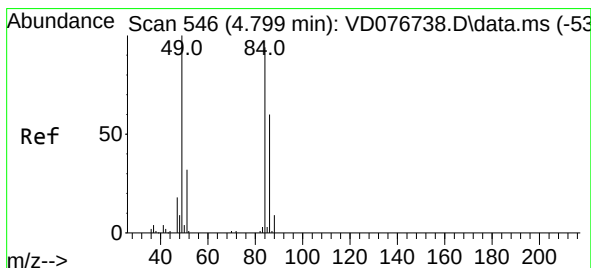
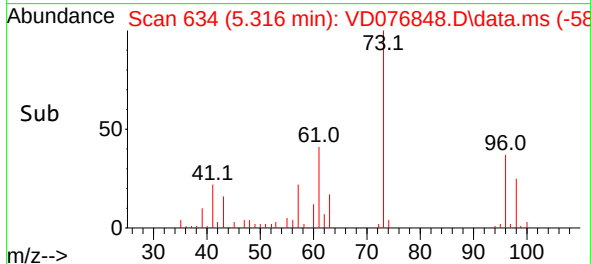
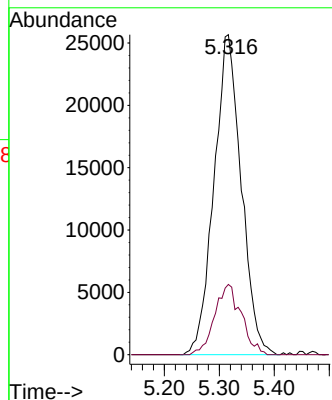
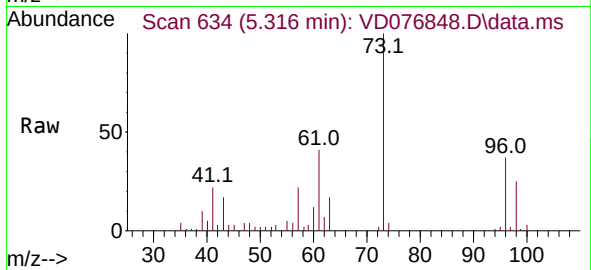
#19
Methyl tert-butyl Ether
Concen: 20.334 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion: 73 Resp: 88260
Ion Ratio Lower Upper
73 100
57 22.0 16.6 25.0

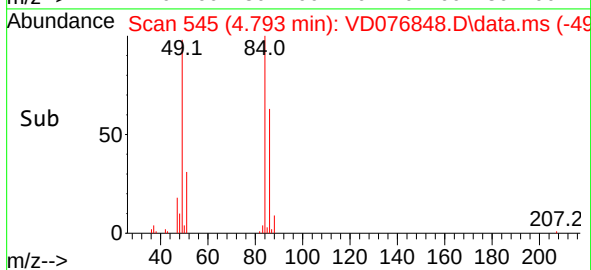
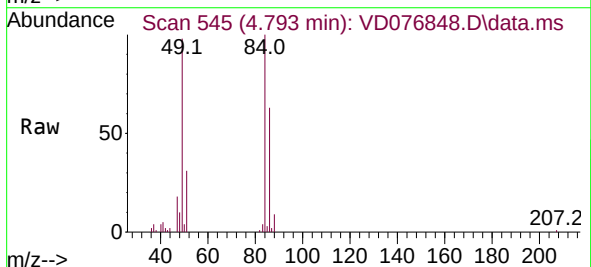
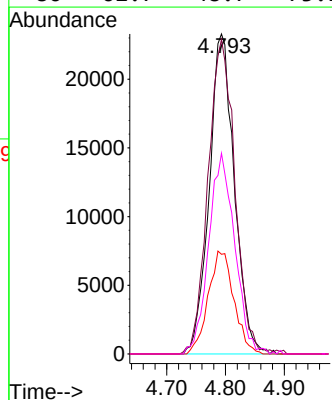
Manual Integrations
APPROVED

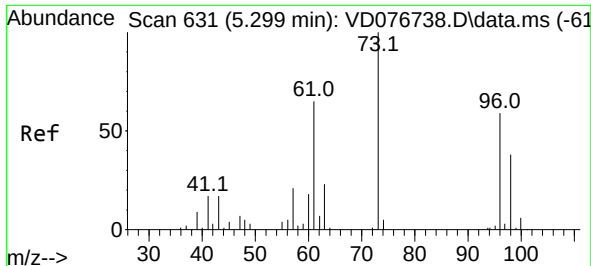
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#20
Methylene Chloride
Concen: 24.659 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

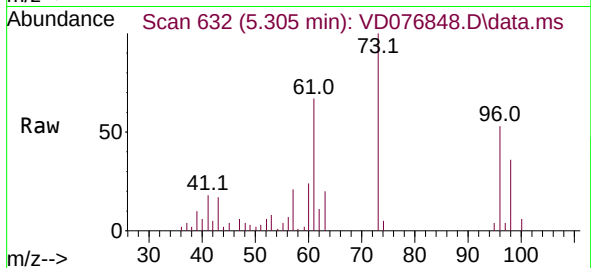
Tgt Ion: 84 Resp: 69320
Ion Ratio Lower Upper
84 100
49 98.3 71.4 107.2
51 31.2 24.5 36.7
86 62.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 18.927 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

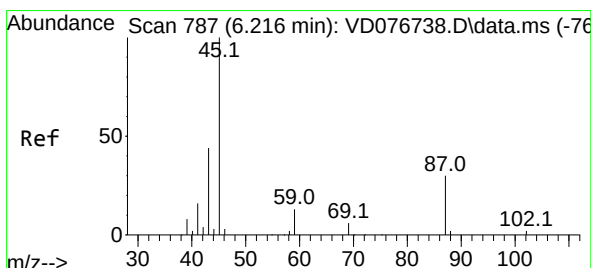
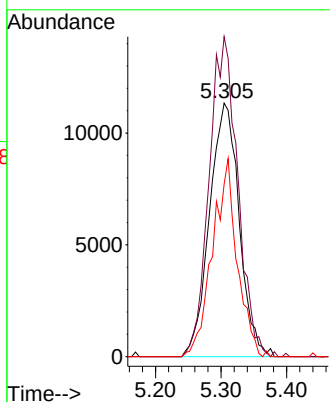
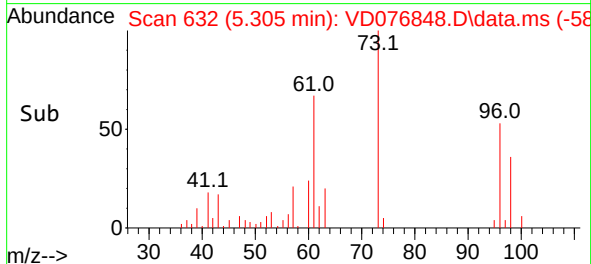
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion: 96 Resp: 35610
Ion Ratio Lower Upper
96 100
61 126.2 89.3 133.9
98 67.9 48.6 73.0

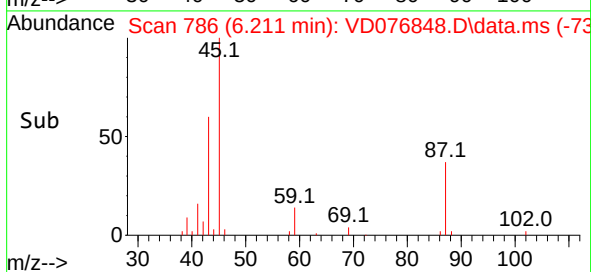
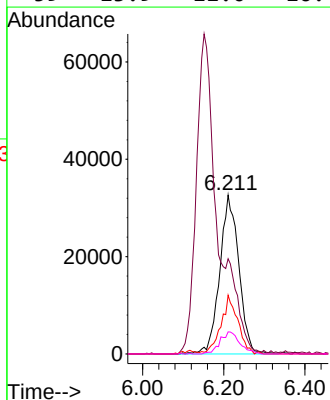
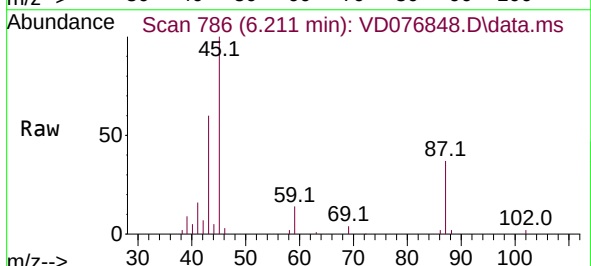
Manual Integrations
APPROVED

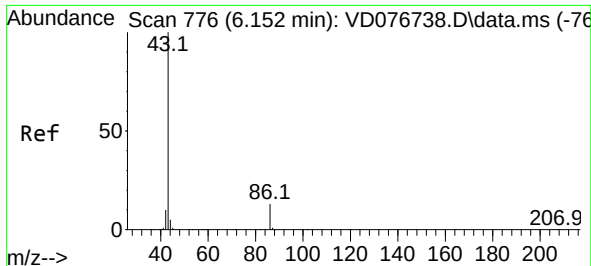
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#22
Diisopropyl ether
Concen: 21.248 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

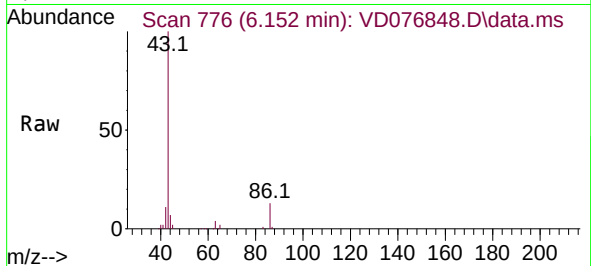
Tgt Ion: 45 Resp: 106981
Ion Ratio Lower Upper
45 100
43 59.9 40.0 60.0
87 37.0 28.2 42.4
59 13.9 11.0 16.4





#23
 Vinyl Acetate
 Concen: 97.569 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

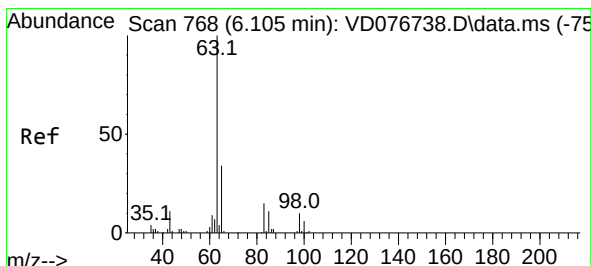
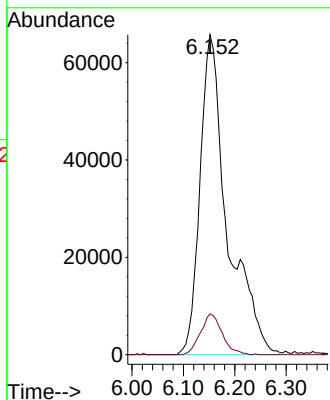
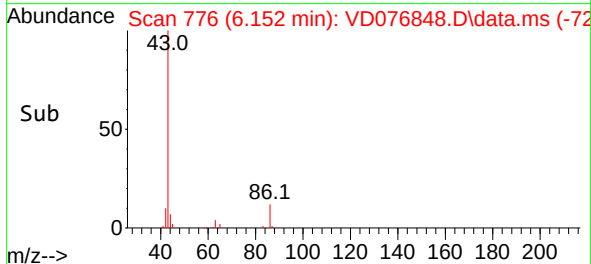
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01



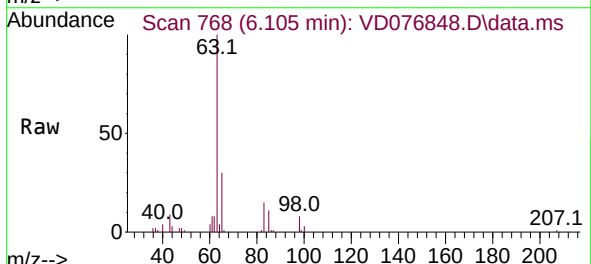
Tgt Ion: 43 Resp: 24306
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7

Manual Integrations
 APPROVED

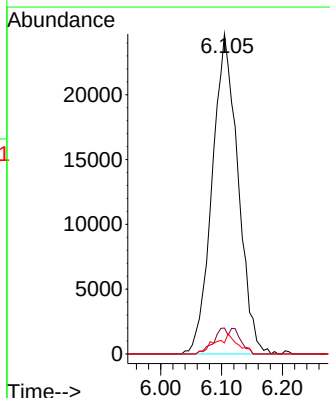
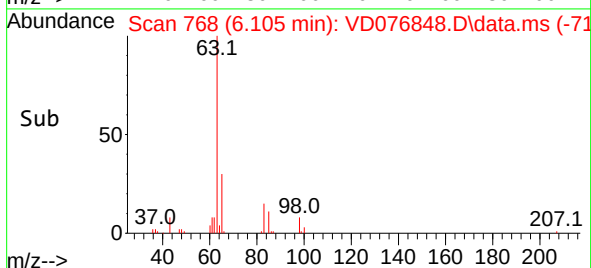
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023

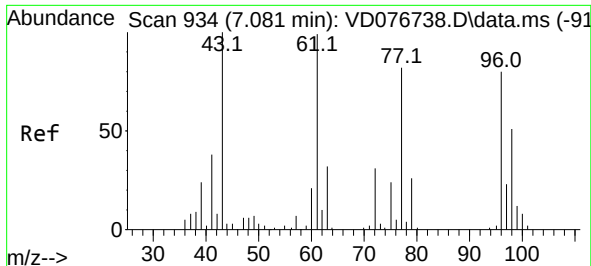


#24
 1,1-Dichloroethane
 Concen: 21.449 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04



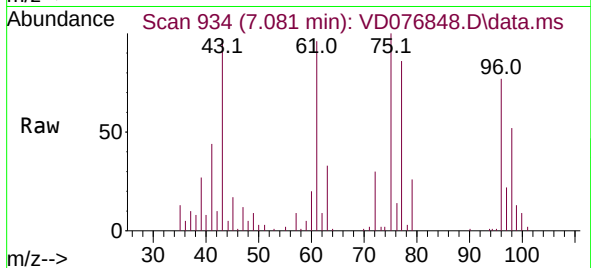
Tgt Ion: 63 Resp: 72814
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 3.5 2.5 7.5





#25
2-Butanone
Concen: 105.958 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

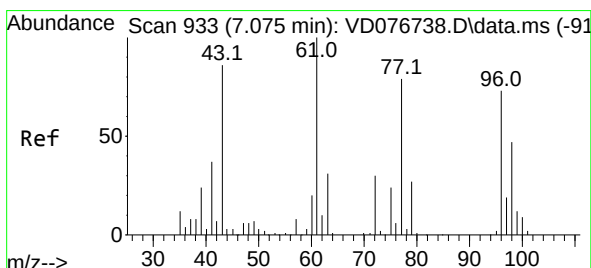
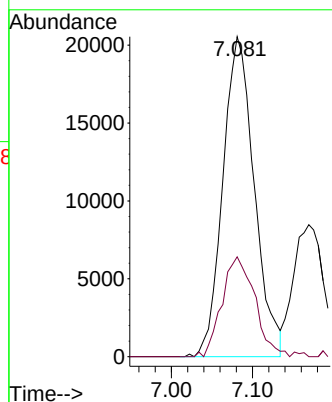
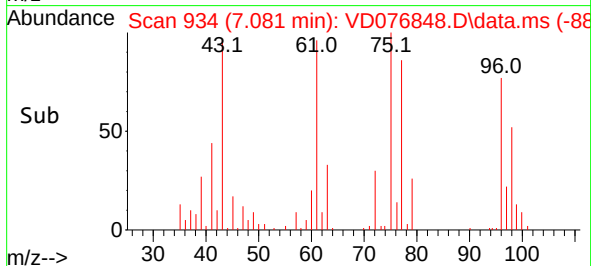
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



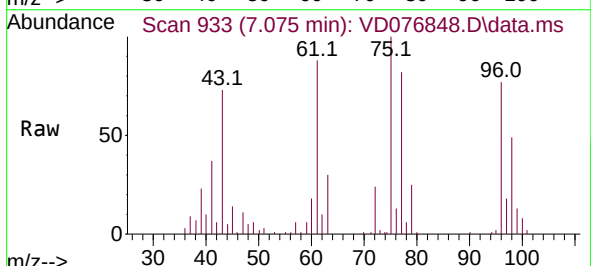
Tgt Ion: 43 Resp: 5525
Ion Ratio Lower Upper
43 100
72 31.2 30.7 46.1

Manual Integrations
APPROVED

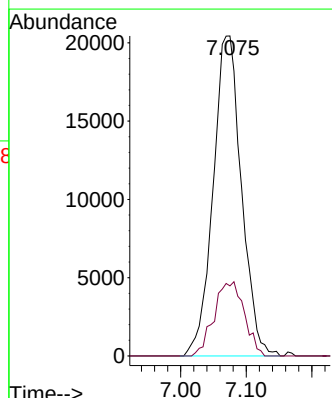
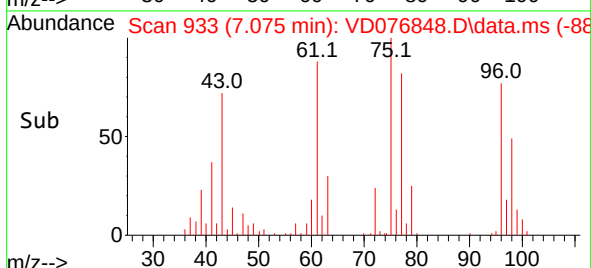
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

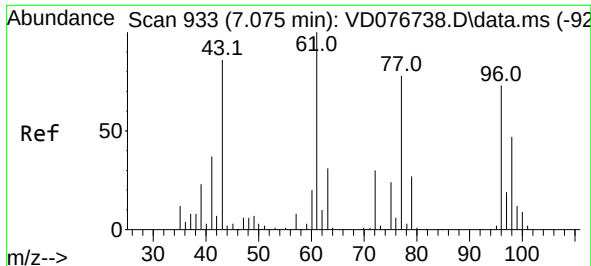


#26
2,2-Dichloropropane
Concen: 20.954 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04



Tgt Ion: 77 Resp: 61318
Ion Ratio Lower Upper
77 100
97 24.7 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 21.290 ug/l

RT: 7.075 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 96 Resp: 49378

Ion Ratio Lower Upper

96 100

61 125.2 0.0 239.2

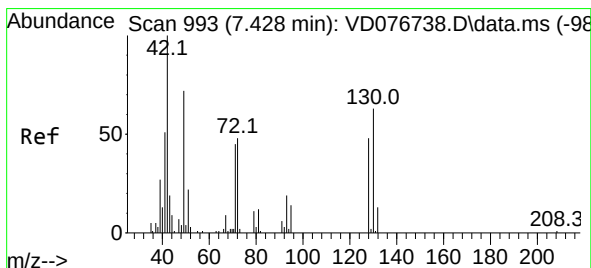
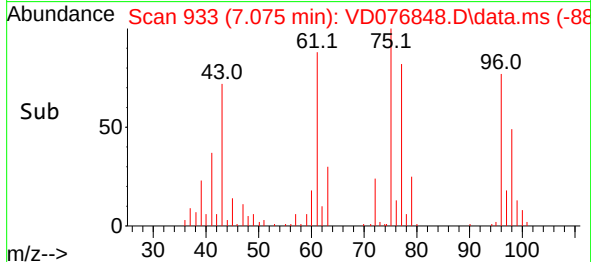
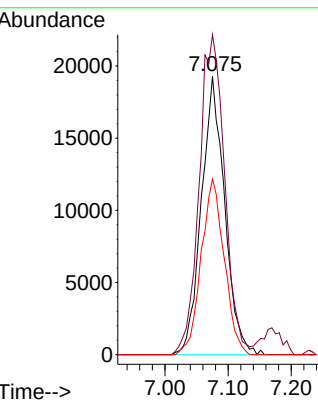
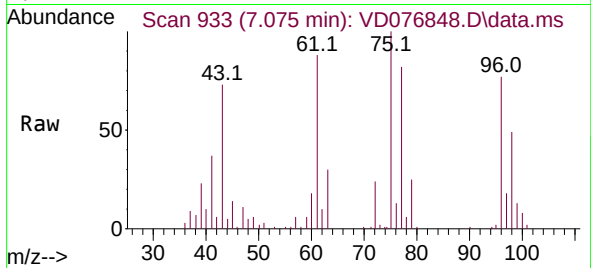
98 62.6 0.0 128.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#28

Bromochloromethane

Concen: 23.001 ug/l

RT: 7.416 min Scan# 991

Delta R.T. -0.012 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

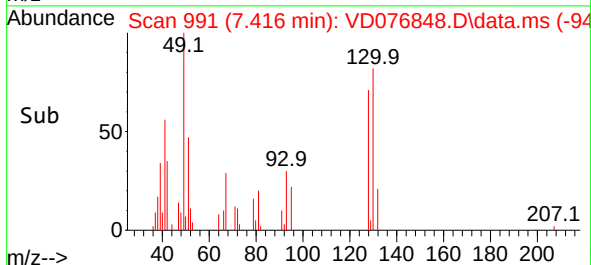
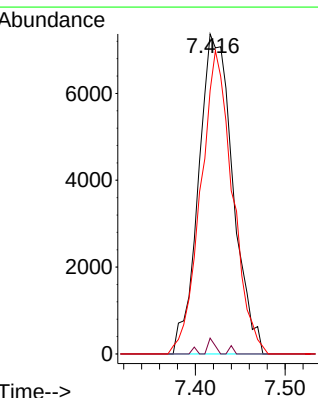
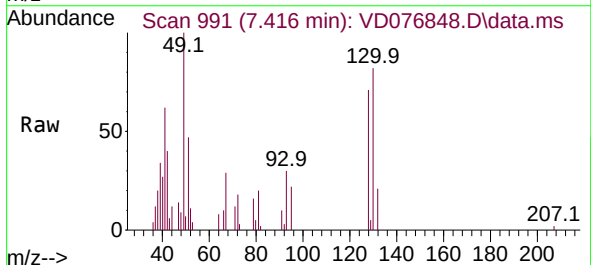
Tgt Ion: 49 Resp: 19521

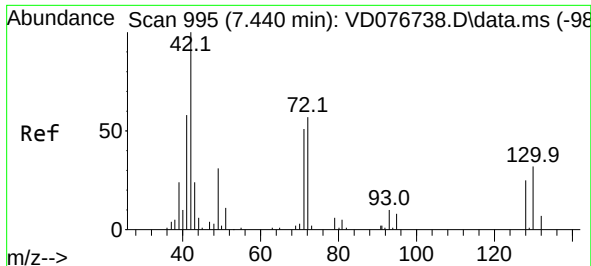
Ion Ratio Lower Upper

49 100

129 1.0 0.0 6.0

130 88.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 107.250 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

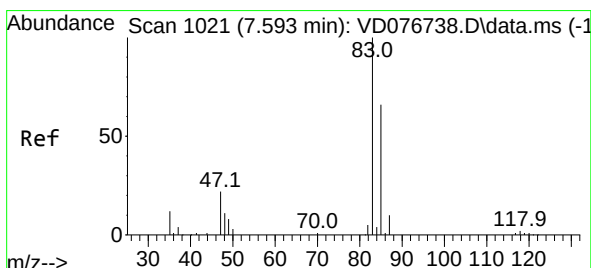
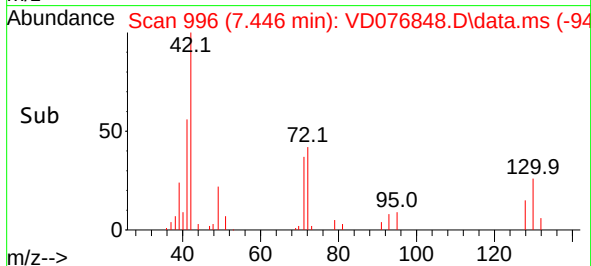
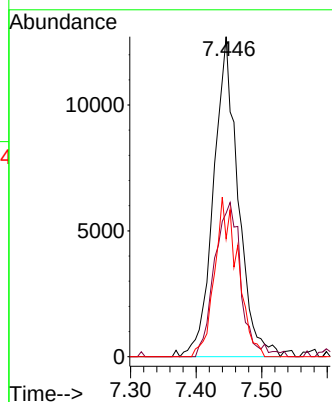
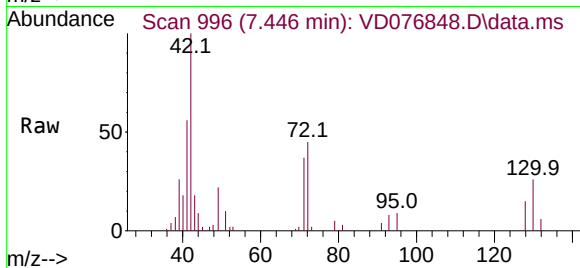
Tgt Ion:	42	Resp:	3304
Ion Ratio	Lower	Upper	
42	100		
72	51.4	46.5	69.7
71	47.2	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#30

Chloroform

Concen: 22.178 ug/l

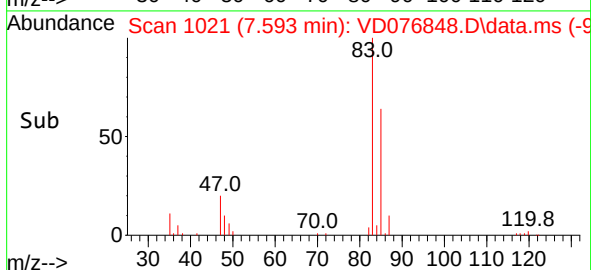
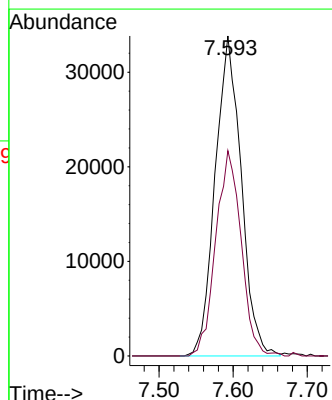
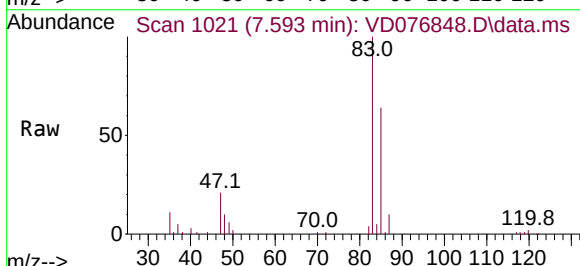
RT: 7.593 min Scan# 1021

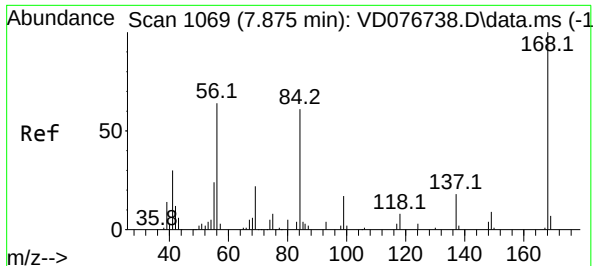
Delta R.T. -0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

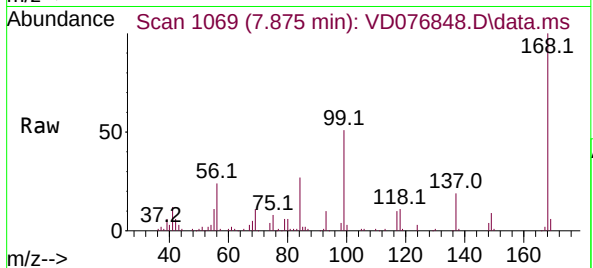
Tgt Ion:	83	Resp:	82461
Ion Ratio	Lower	Upper	
83	100		
85	64.2	53.4	80.2





#31
Cyclohexane
Concen: 19.067 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

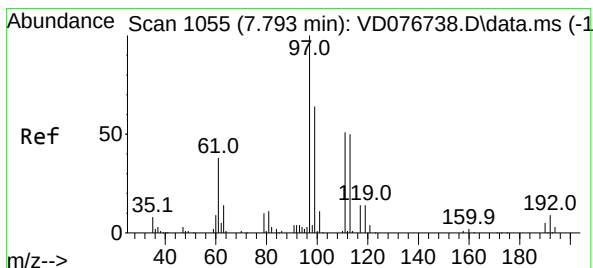
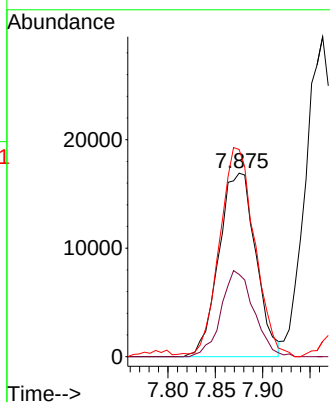
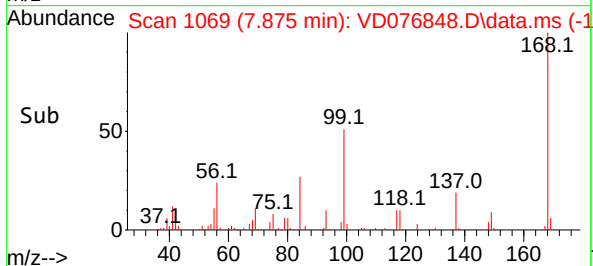
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion: 56 Resp: 45779
Ion Ratio Lower Upper
56 100
69 44.8 28.6 43.0
84 111.5 84.8 127.2

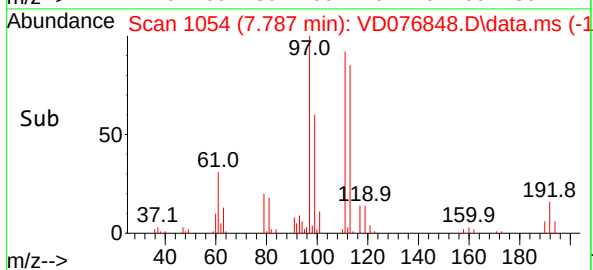
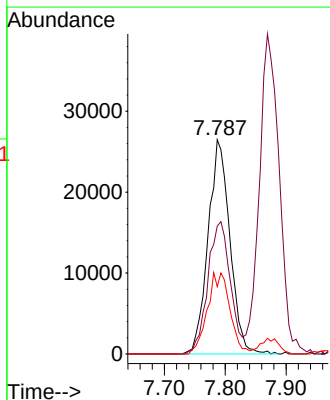
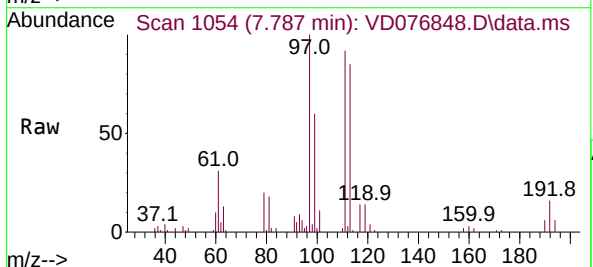
Manual Integrations
APPROVED

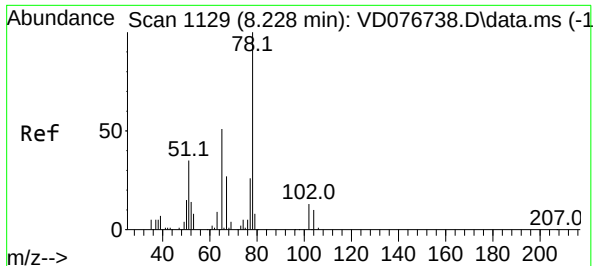
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#32
1,1,1-Trichloroethane
Concen: 21.979 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 97 Resp: 65933
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 39.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.288 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 65 Resp: 8204

Ion Ratio Lower Upper

65 100

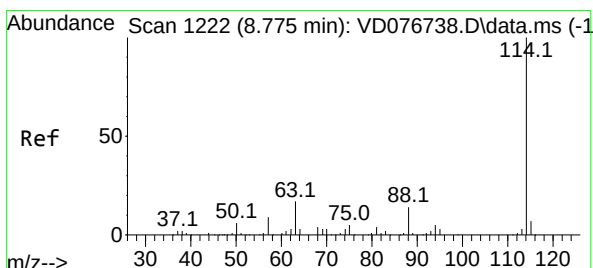
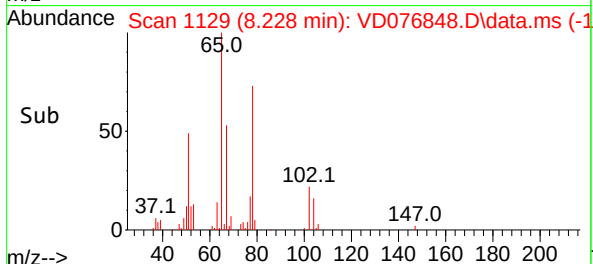
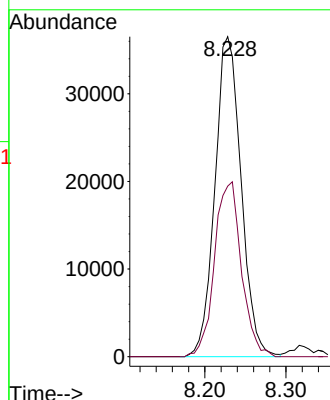
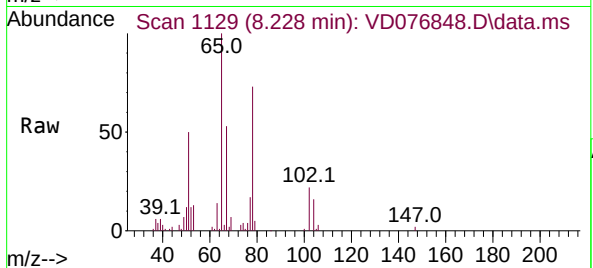
67 56.0 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

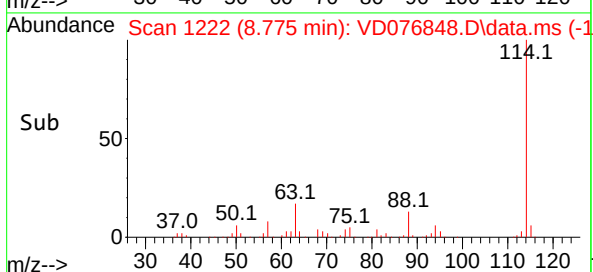
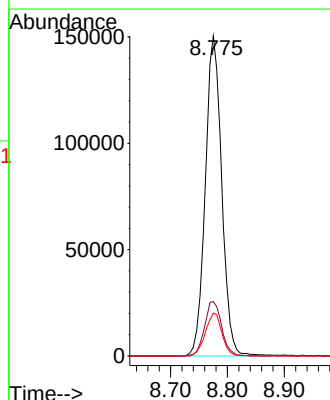
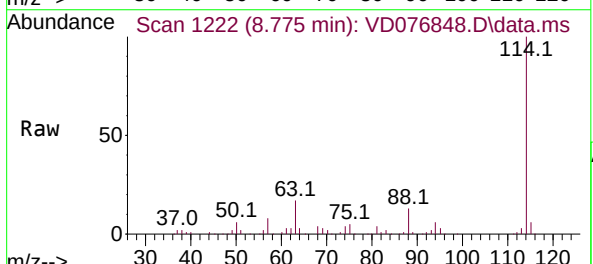
Tgt Ion:114 Resp: 301394

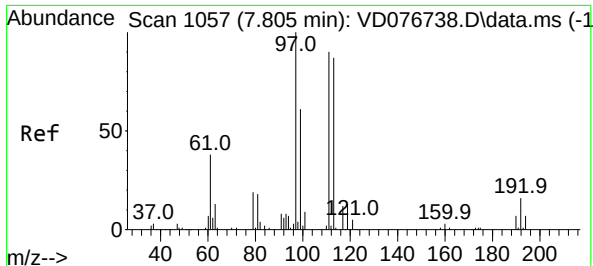
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 13.4 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.618 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 113 Resp: 9776

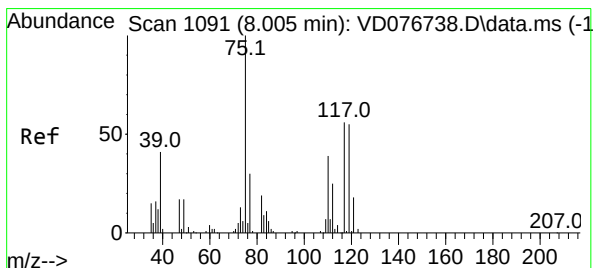
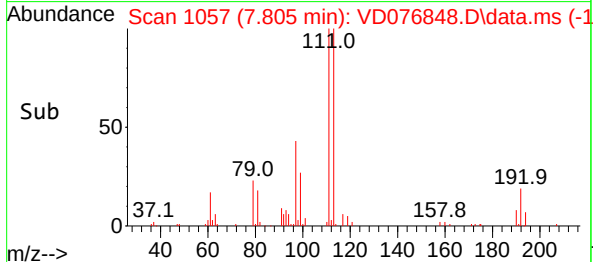
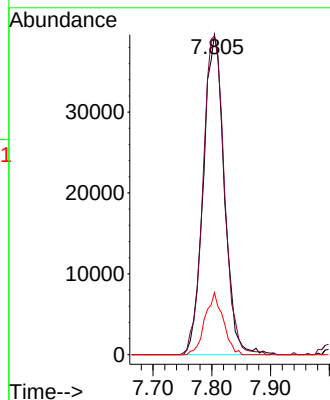
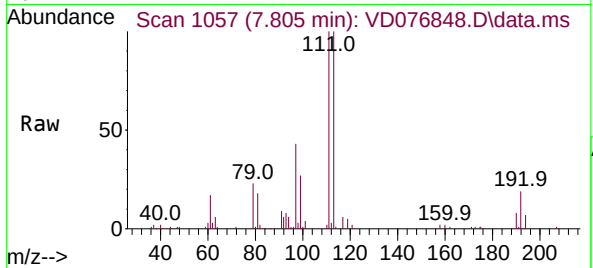
Ion	Ratio	Lower	Upper
113	100		
111	101.7	84.7	127.1
192	16.8	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#36

1,1-Dichloropropene

Concen: 20.035 ug/l

RT: 8.005 min Scan# 1091

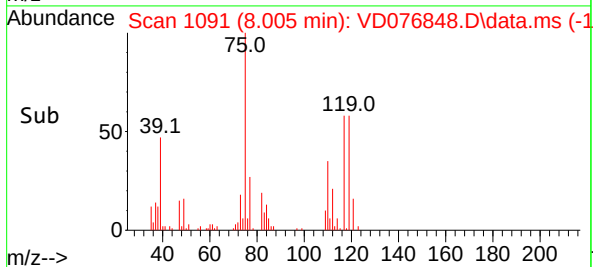
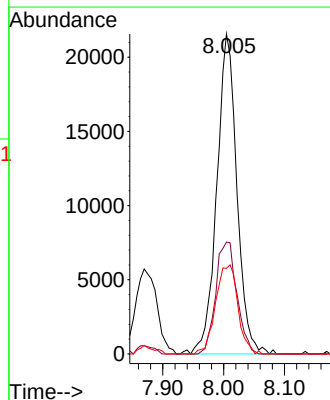
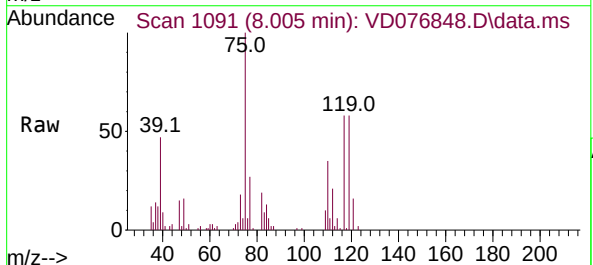
Delta R.T. -0.000 min

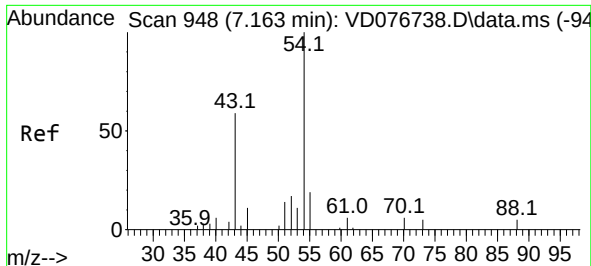
Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Tgt Ion: 75 Resp: 49585

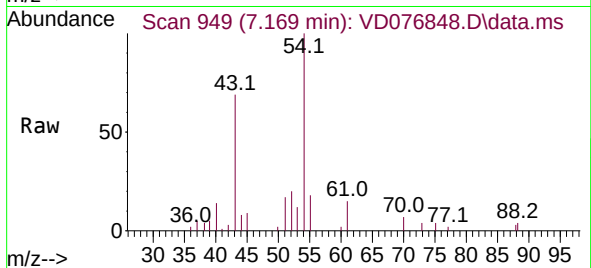
Ion	Ratio	Lower	Upper
75	100		
110	36.7	19.9	59.6
77	30.8	24.7	37.1





#37
Ethyl Acetate
Concen: 20.459 ug/l
RT: 7.169 min Scan# 948
Delta R.T. 0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

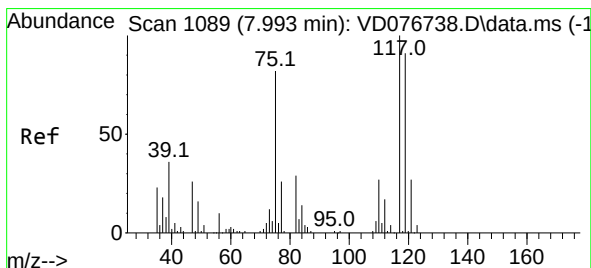
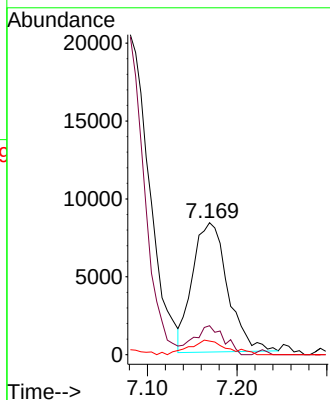
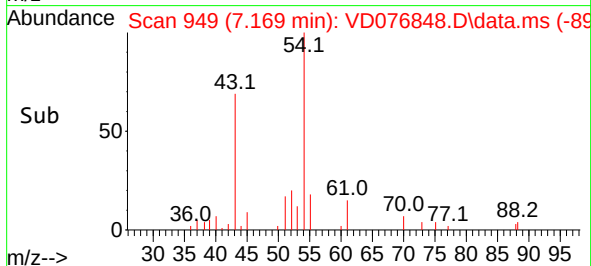
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion: 43 Resp: 22644
Ion Ratio Lower Upper
43 100
61 19.1 14.9 22.3
70 11.7 10.0 15.0

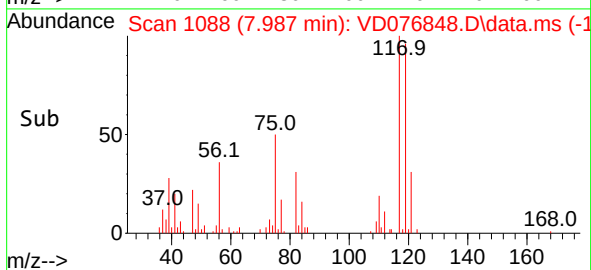
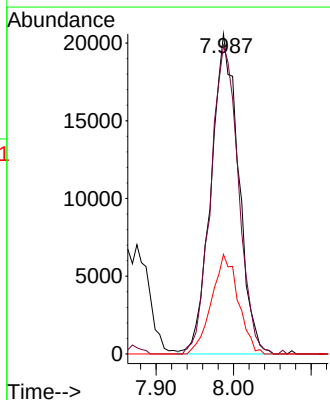
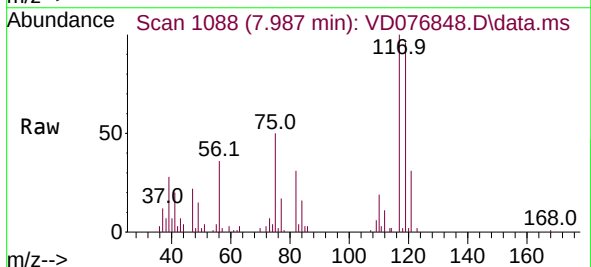
Manual Integrations
APPROVED

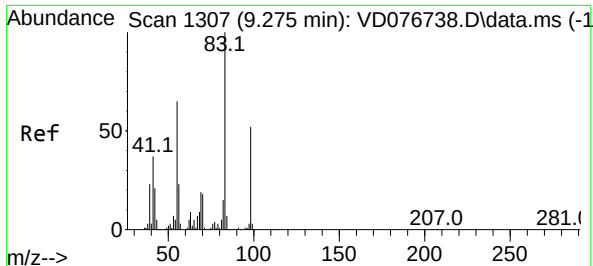
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#38
Carbon Tetrachloride
Concen: 21.434 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:117 Resp: 50793
Ion Ratio Lower Upper
117 100
119 96.4 78.0 117.0
121 31.1 24.2 36.2





#39

Methylcyclohexane

Concen: 19.003 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

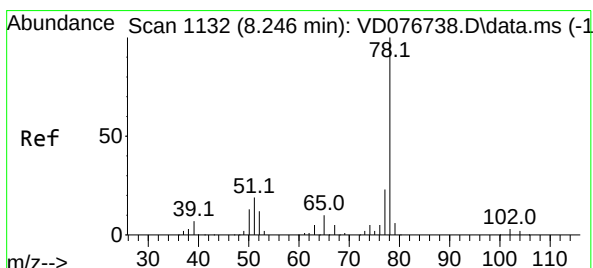
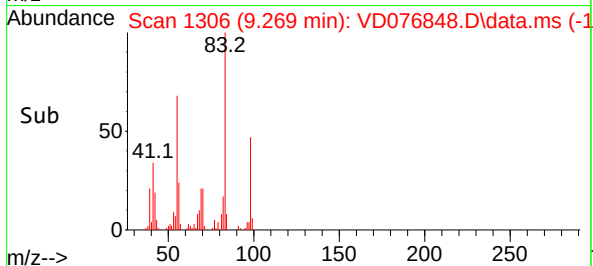
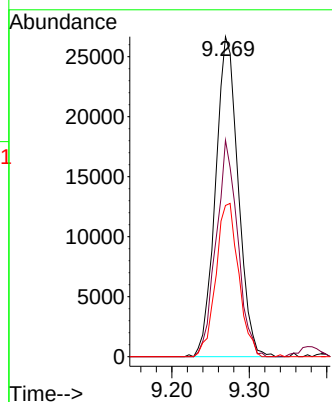
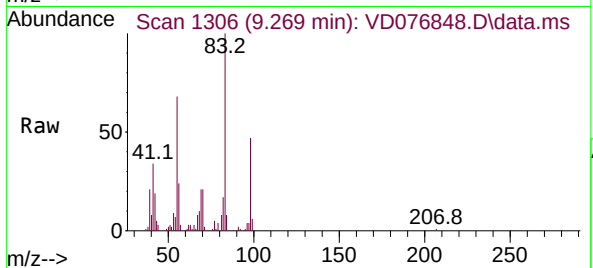
Tgt Ion: 83	Resp: 54304
Ion Ratio	Lower Upper
83 100	
55 67.6	49.4 74.0
98 47.2	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#40

Benzene

Concen: 20.496 ug/l

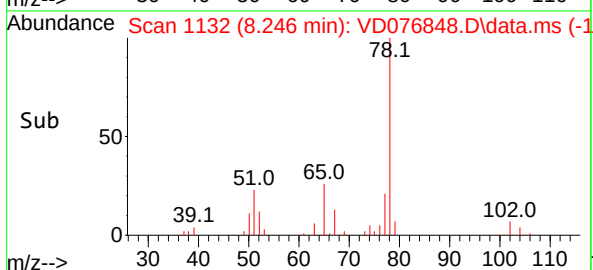
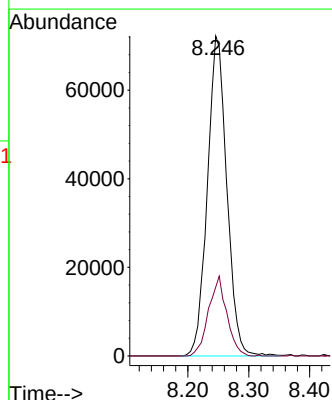
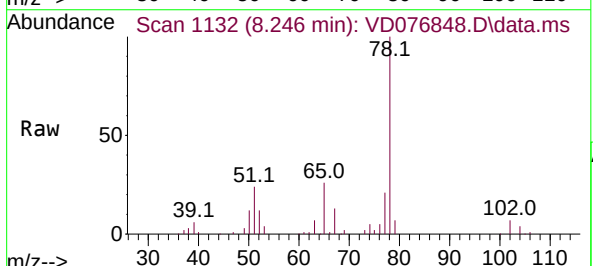
RT: 8.246 min Scan# 1132

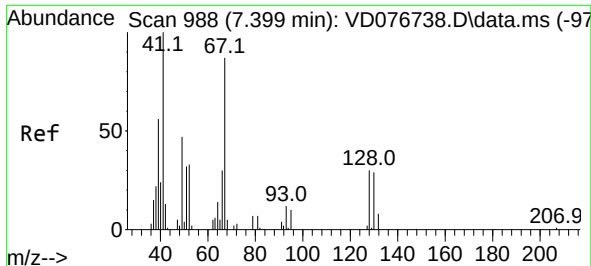
Delta R.T. -0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

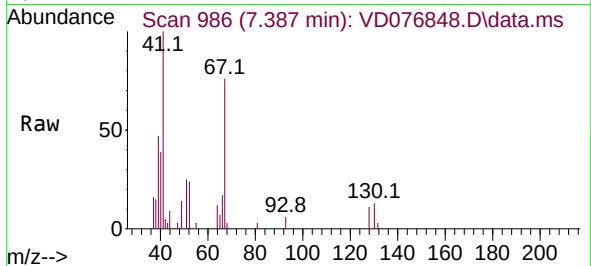
Tgt Ion: 78	Resp: 160052
Ion Ratio	Lower Upper
78 100	
77 21.5	19.4 29.0





#41
Methacrylonitrile
Concen: 16.697 ug/l m
RT: 7.387 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

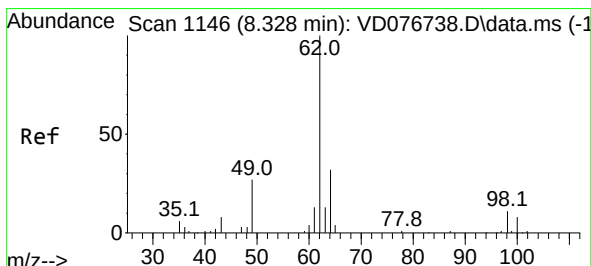
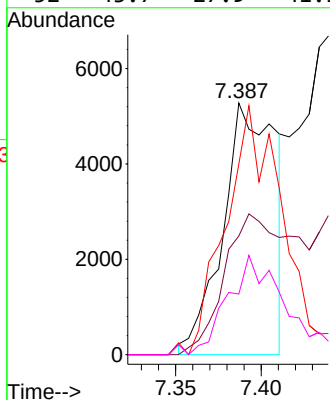
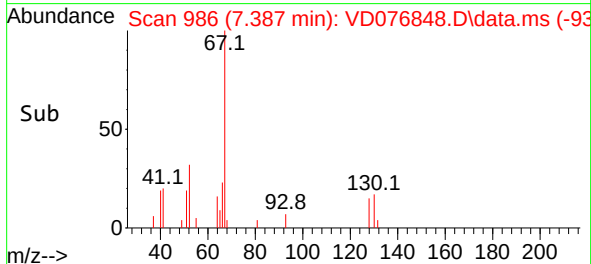
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion: 41 Resp: 1128
Ion Ratio Lower Upper
41 100
39 77.7 34.0 51.0
67 106.7 77.0 115.4
52 43.7 27.9 41.9#

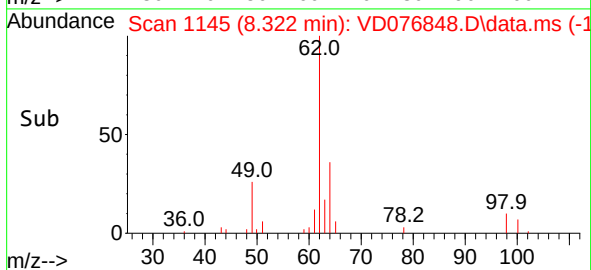
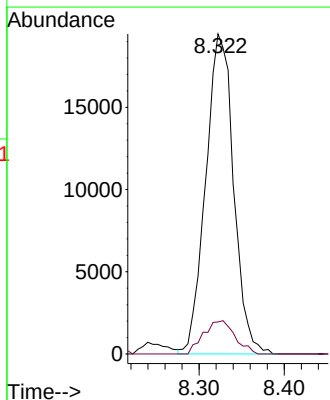
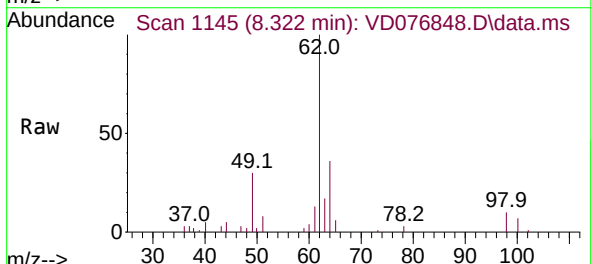
Manual Integrations
APPROVED

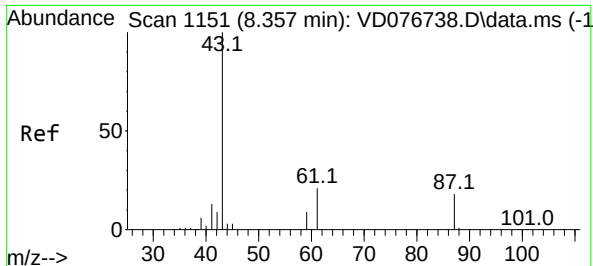
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#42
1,2-Dichloroethane
Concen: 21.814 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

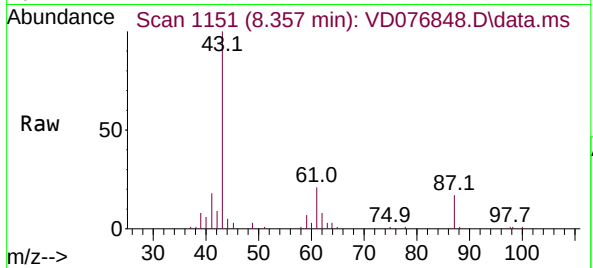
Tgt Ion: 62 Resp: 44260
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4





#43
Isopropyl Acetate
Concen: 20.705 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

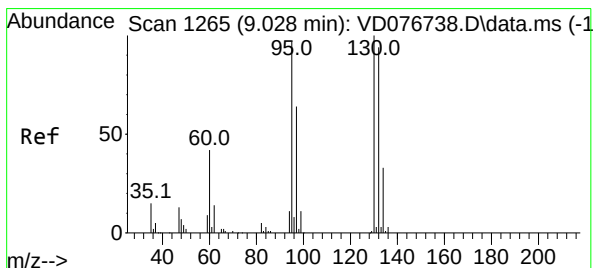
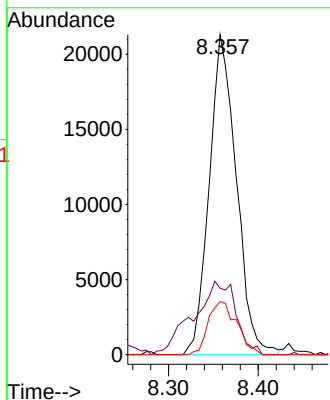
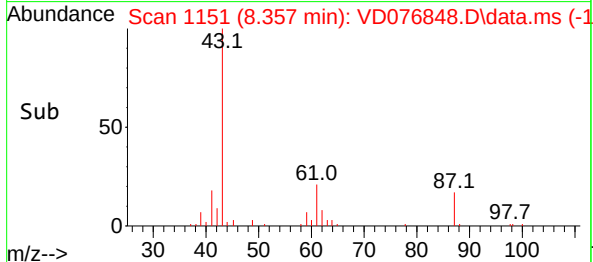
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion: 43 Resp: 44724
Ion Ratio Lower Upper
43 100
61 35.8 31.4 47.0
87 17.6 14.9 22.3

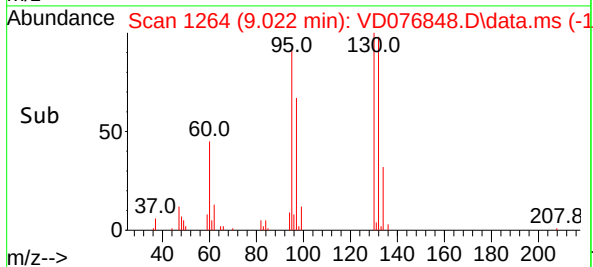
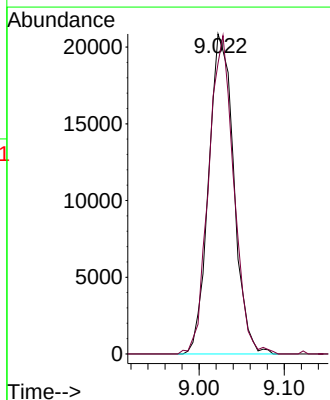
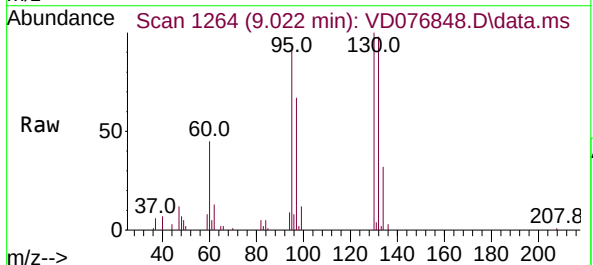
Manual Integrations
APPROVED

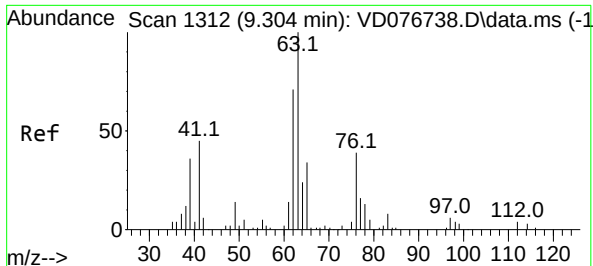
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#44
Trichloroethene
Concen: 20.088 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:130 Resp: 42746
Ion Ratio Lower Upper
130 100
95 90.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.634 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 63 Resp: 43609

Ion Ratio Lower Upper

63 100

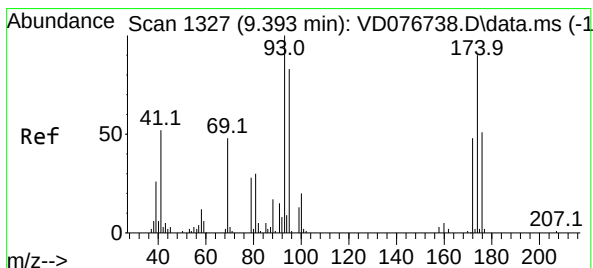
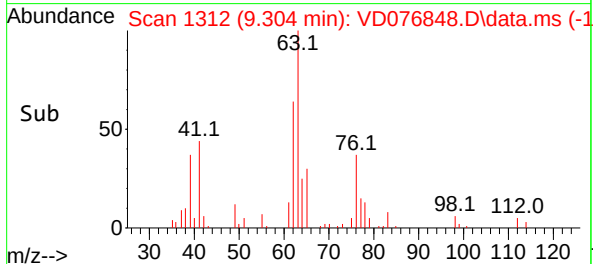
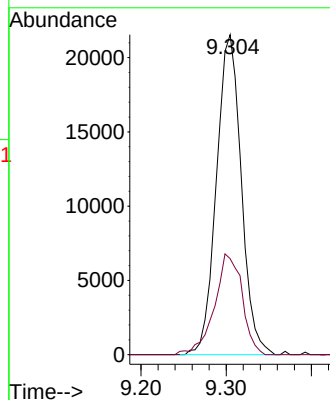
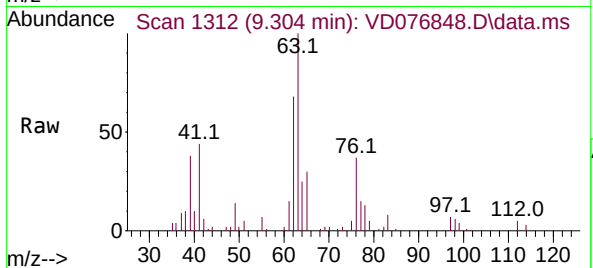
65 30.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#46

Dibromomethane

Concen: 22.136 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

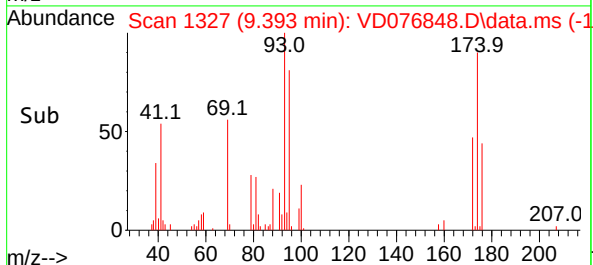
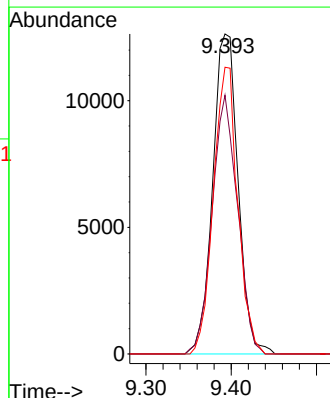
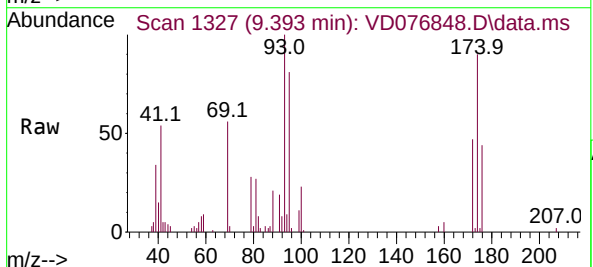
Tgt Ion: 93 Resp: 26118

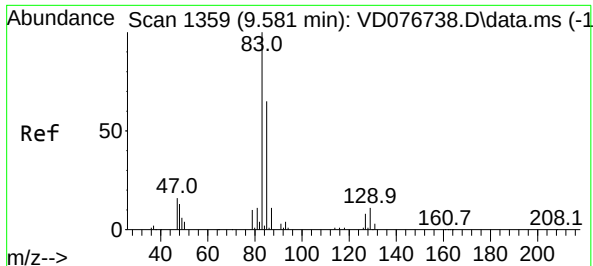
Ion Ratio Lower Upper

93 100

95 80.9 67.7 101.5

174 86.2 85.4 128.2





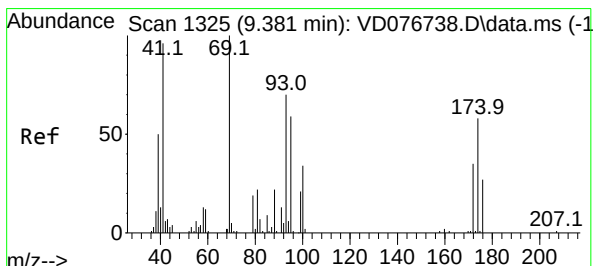
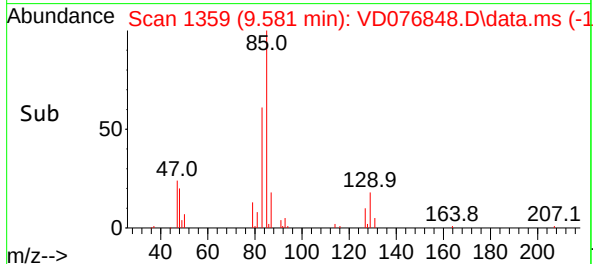
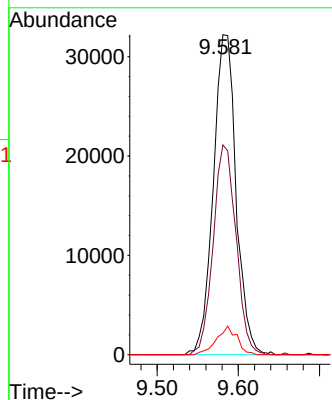
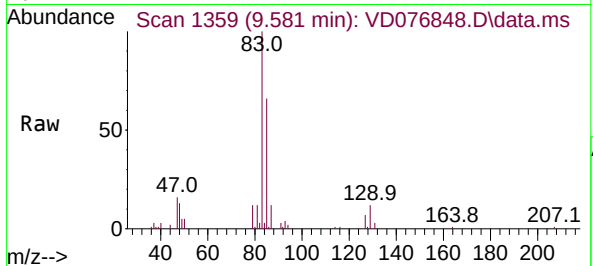
#47
Bromodichloromethane
Concen: 21.264 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion: 83 Resp: 6296
Ion Ratio Lower Upper
83 100
85 65.5 50.2 75.4
127 6.7 6.3 9.5

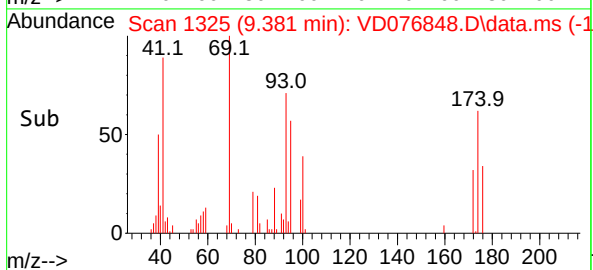
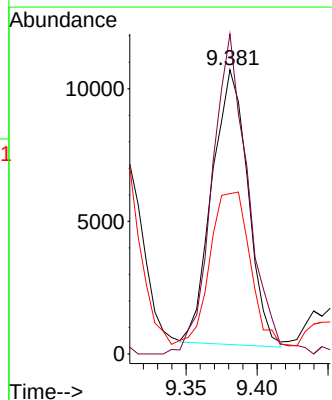
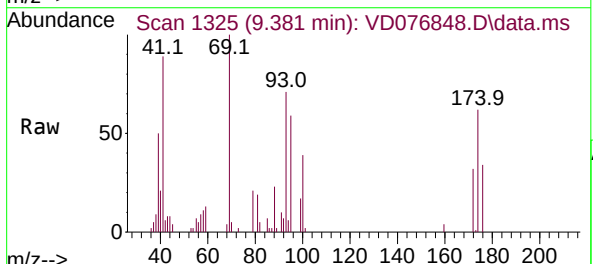
Manual Integrations
APPROVED

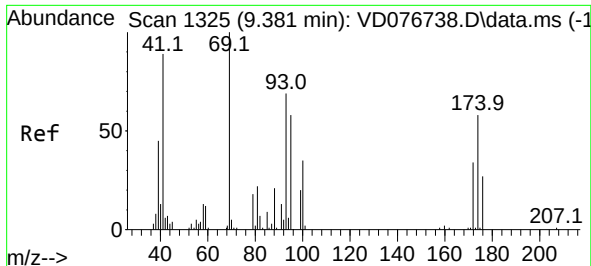
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#48
Methyl methacrylate
Concen: 18.490 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 41 Resp: 18178
Ion Ratio Lower Upper
41 100
69 117.6 102.2 153.2
39 71.3 41.4 62.2#





#49

1,4-Dioxane

Concen: 392.997 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076848.D

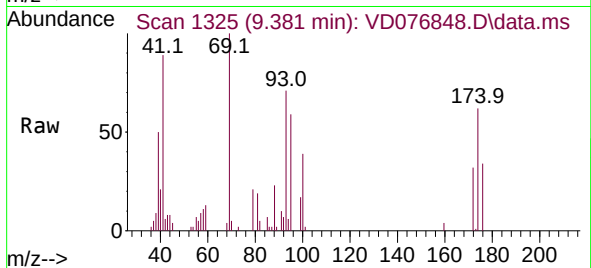
Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01



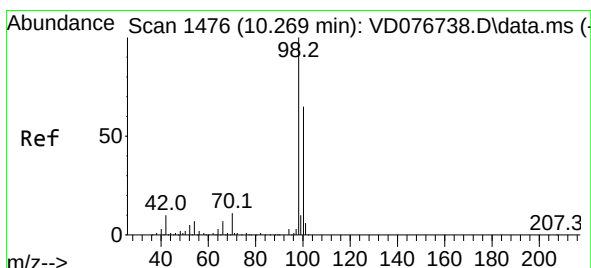
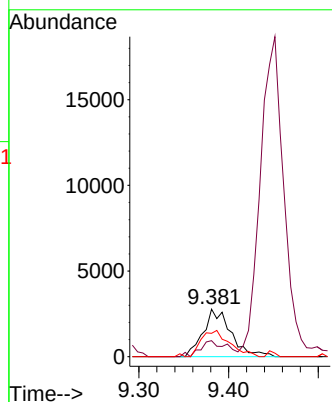
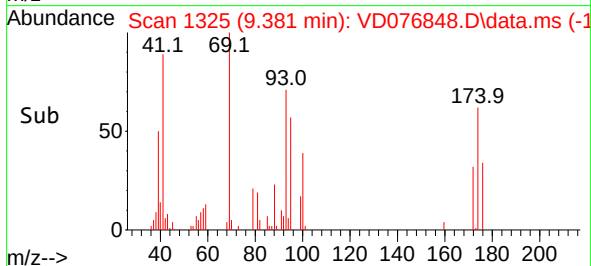
Tgt Ion:	88	Resp:	594
Ion Ratio	Lower	Upper	
88	100		
43	32.5	19.0	28.6
58	57.5	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#50

Toluene-d8

Concen: 47.766 ug/l

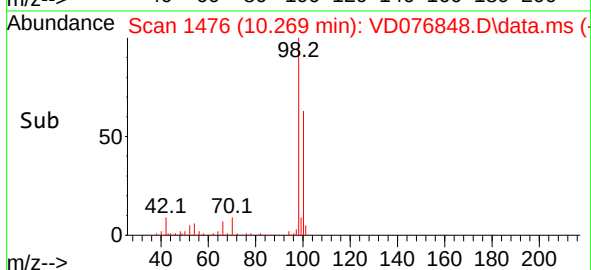
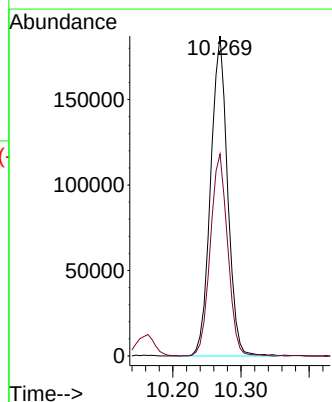
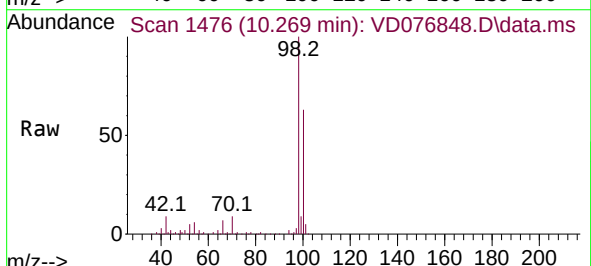
RT: 10.269 min Scan# 1476

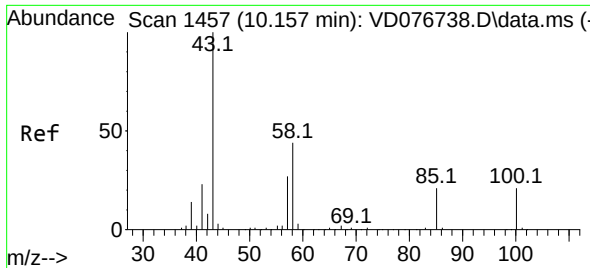
Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

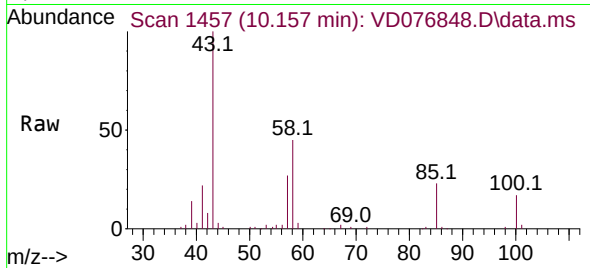
Tgt Ion:	98	Resp:	323637
Ion Ratio	Lower	Upper	
98	100		
100	64.7	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 104.377 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

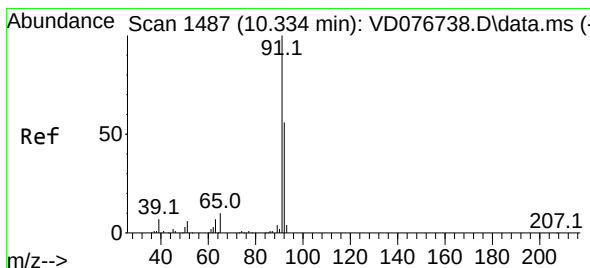
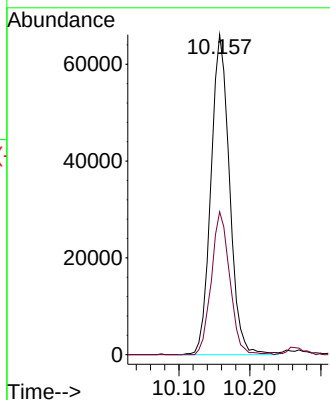
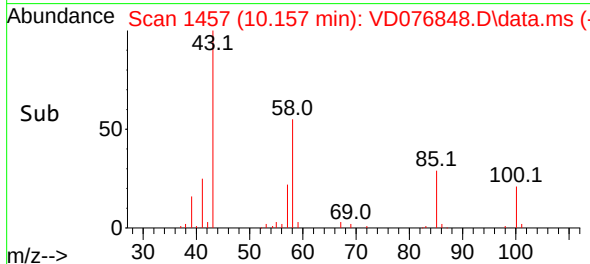
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



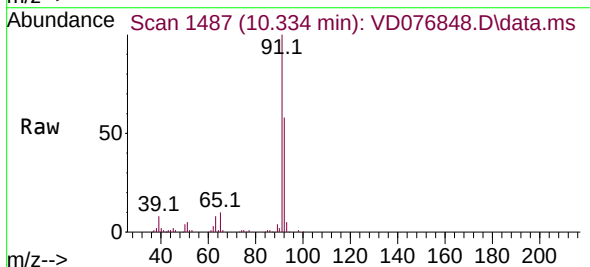
Tgt Ion: 43 Resp: 12004
Ion Ratio Lower Upper
43 100
58 44.2 38.9 58.3

Manual Integrations
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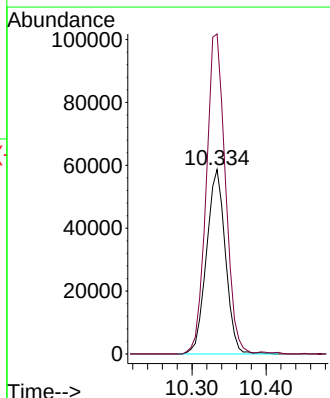
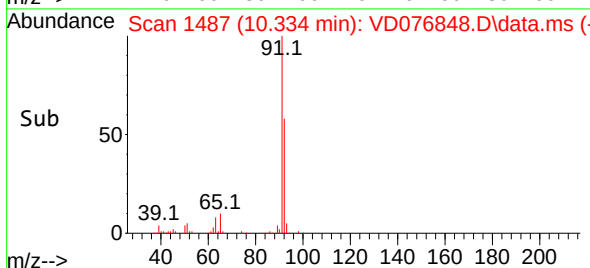
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

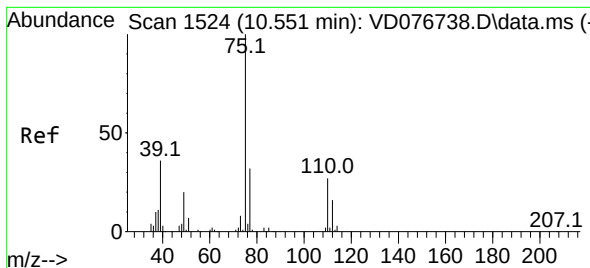


#52
Toluene
Concen: 20.303 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04



Tgt Ion: 92 Resp: 104129
Ion Ratio Lower Upper
92 100
91 175.1 143.0 214.4





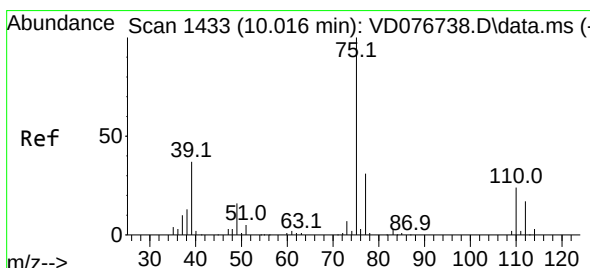
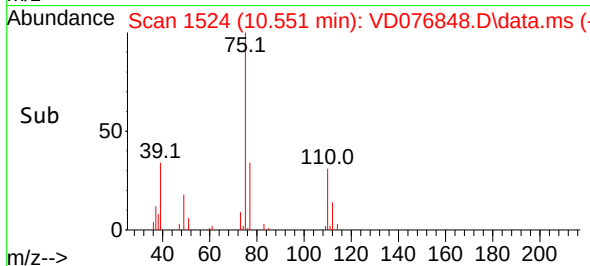
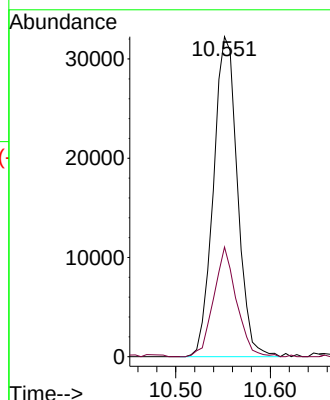
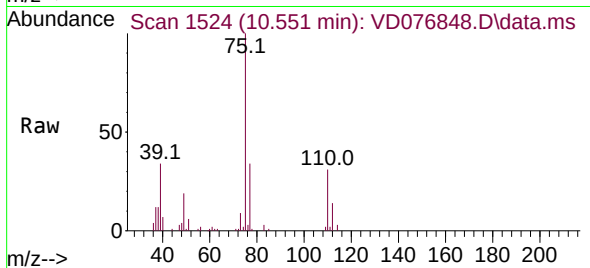
#53
 t-1,3-Dichloropropene
 Concen: 20.680 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion: 75 Resp: 56834
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.3 37.9

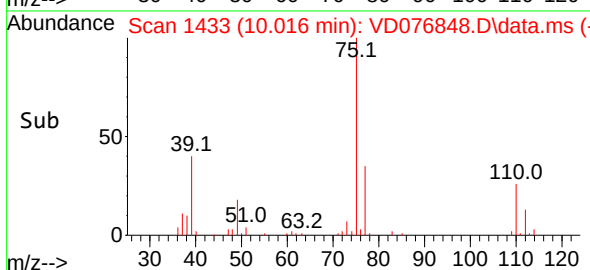
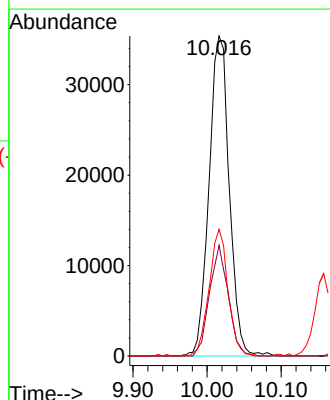
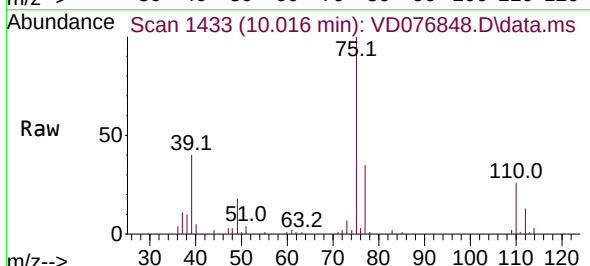
Manual Integrations
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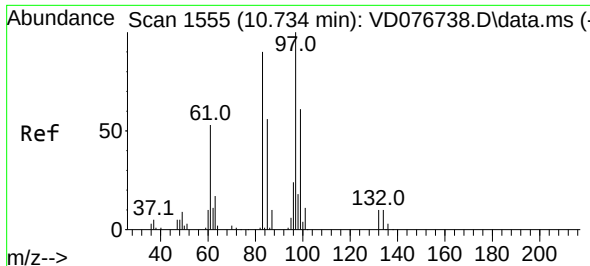
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#54
 cis-1,3-Dichloropropene
 Concen: 20.749 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

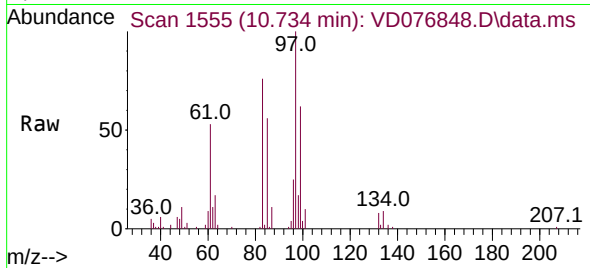
Tgt Ion: 75 Resp: 67205
 Ion Ratio Lower Upper
 75 100
 77 34.6 25.5 38.3
 39 39.5 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 21.603 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

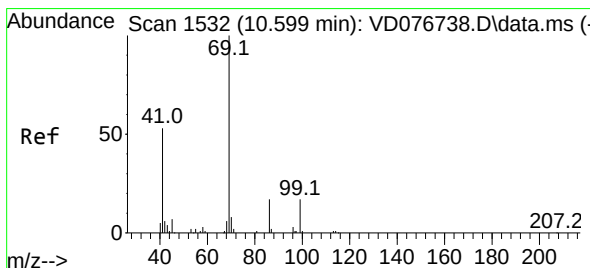
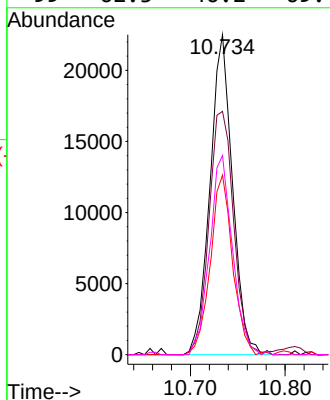
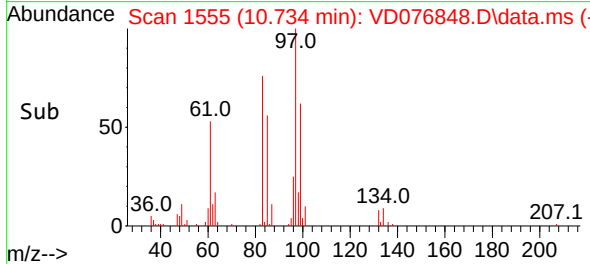
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion:	97	Resp:	3722
Ion	Ratio	Lower	Upper
97	100		
83	76.0	65.8	98.6
85	56.1	45.7	68.5
99	62.3	46.2	69.4

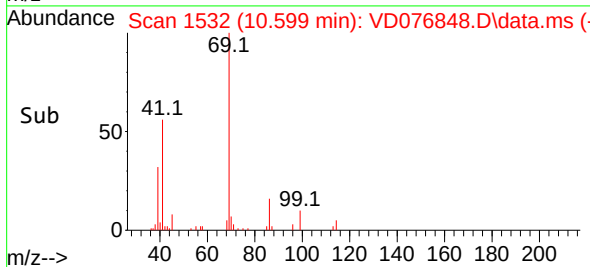
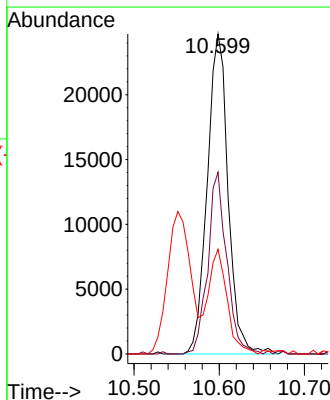
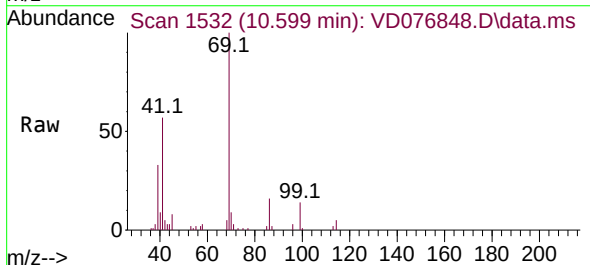
Manual Integrations
APPROVED

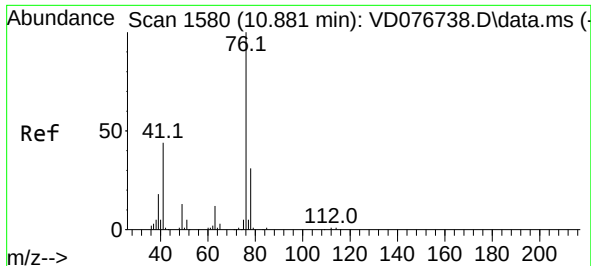
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#56
Ethyl methacrylate
Concen: 21.137 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:	69	Resp:	42034
Ion	Ratio	Lower	Upper
69	100		
41	51.6	39.1	58.7
39	30.3	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 20.850 ug/l

RT: 10.875 min Scan# 1580

Delta R.T. -0.006 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 76 Resp: 58504

Ion Ratio Lower Upper

76 100

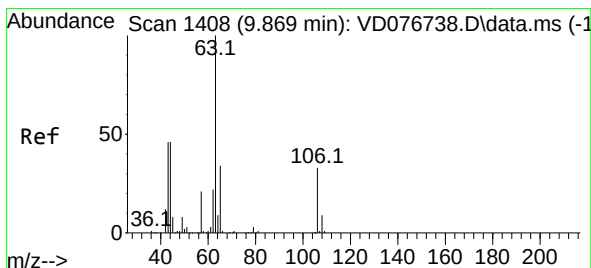
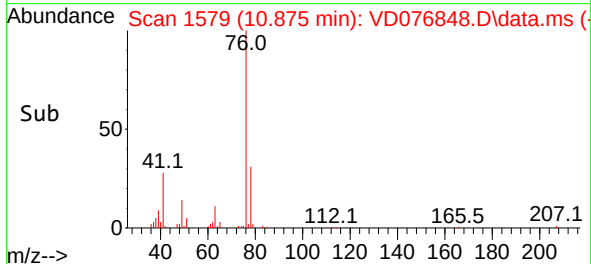
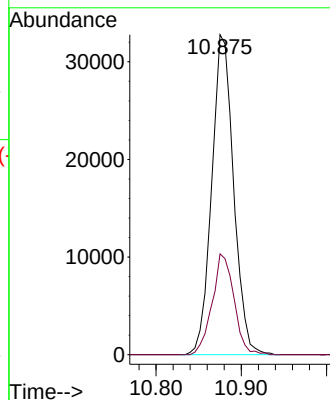
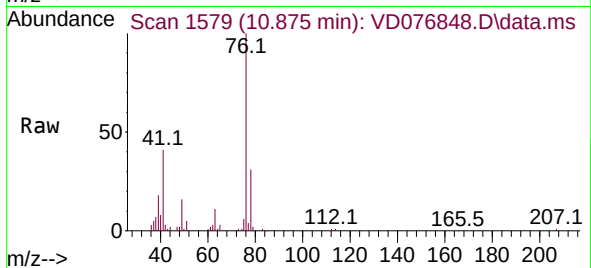
78 31.4 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#58

2-Chloroethyl Vinyl ether

Concen: 106.770 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076848.D

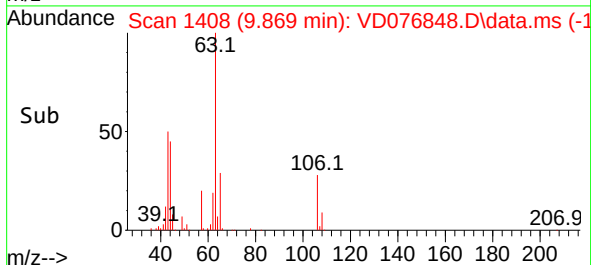
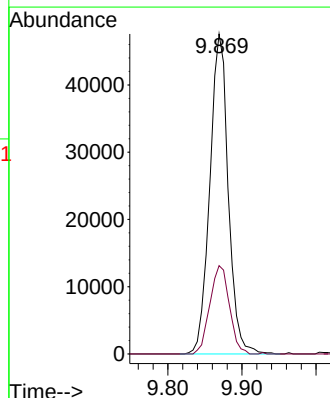
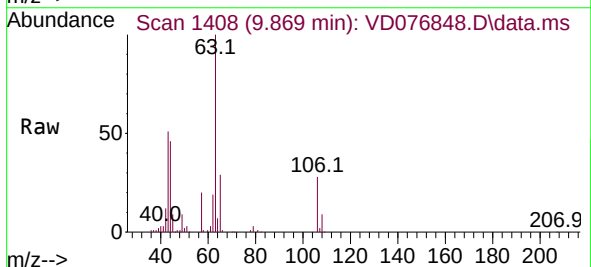
Acq: 28 Jul 2023 12:04

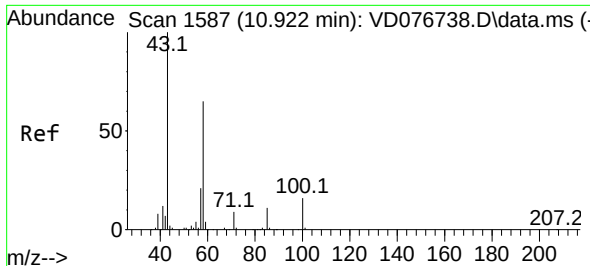
Tgt Ion: 63 Resp: 82188

Ion Ratio Lower Upper

63 100

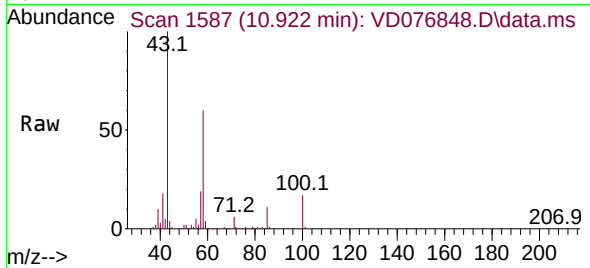
106 29.2 25.3 37.9





#59
2-Hexanone
Concen: 103.479 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

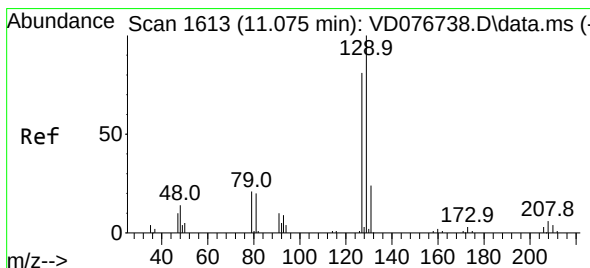
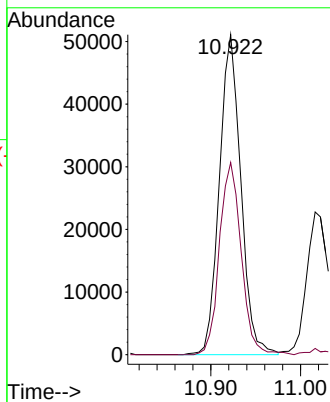
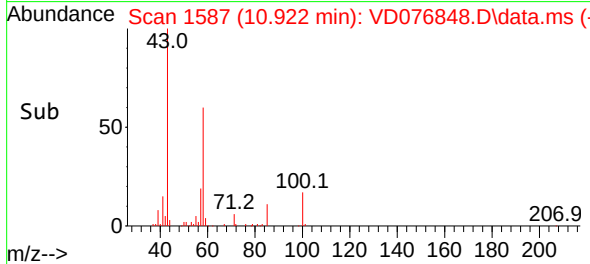
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion: 43 Resp: 84918
Ion Ratio Lower Upper
43 100
58 60.9 34.1 102.2

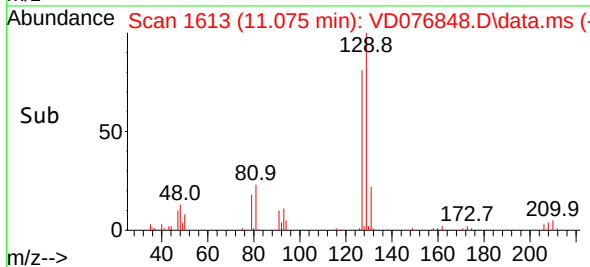
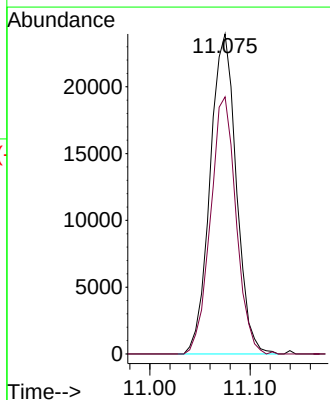
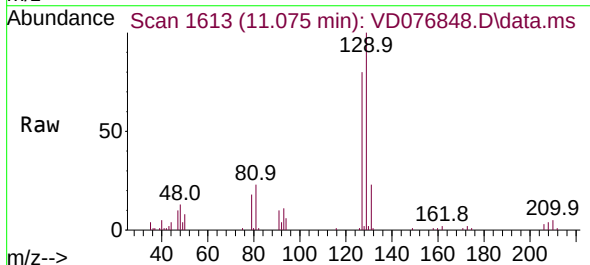
Manual Integrations
APPROVED

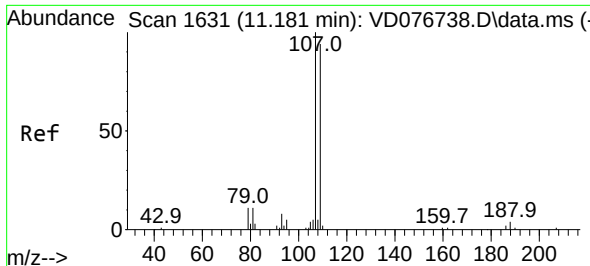
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#60
Dibromochloromethane
Concen: 21.734 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:129 Resp: 43502
Ion Ratio Lower Upper
129 100
127 78.1 37.1 111.5





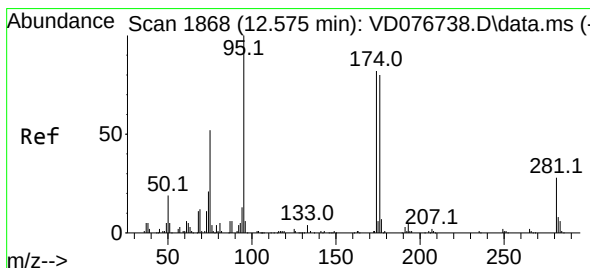
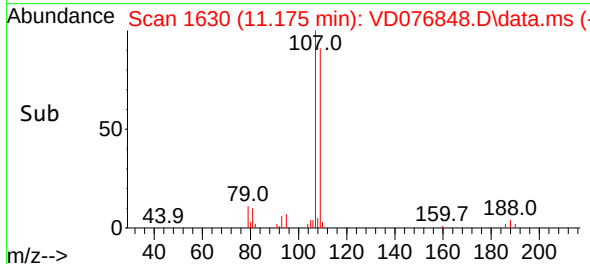
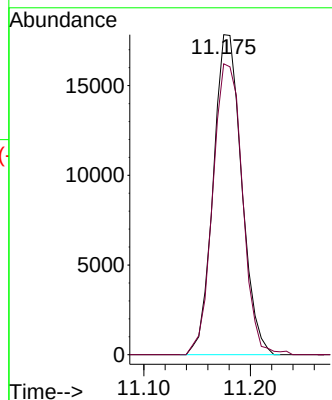
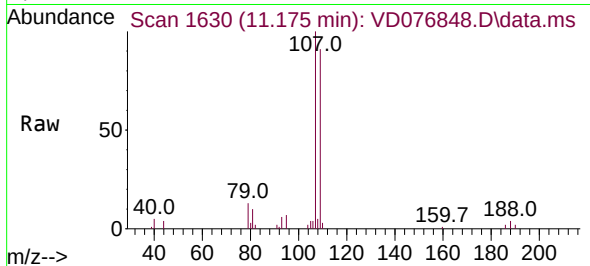
#61
1,2-Dibromoethane
Concen: 20.648 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion:107 Resp: 3298
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4

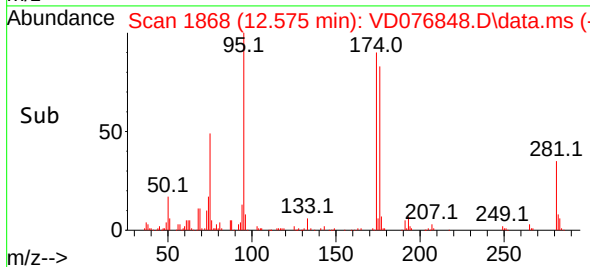
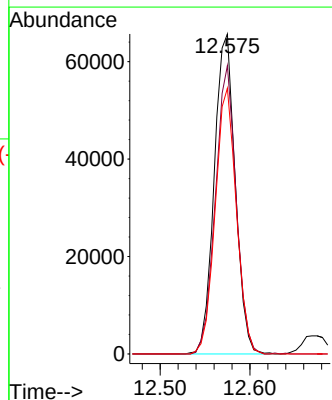
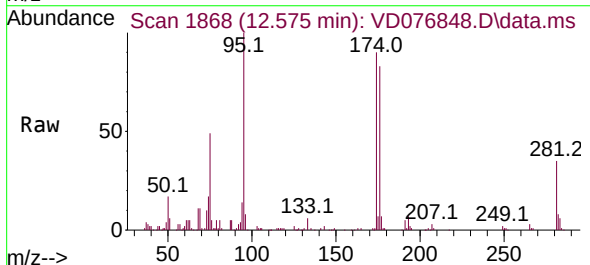
Manual Integrations
APPROVED

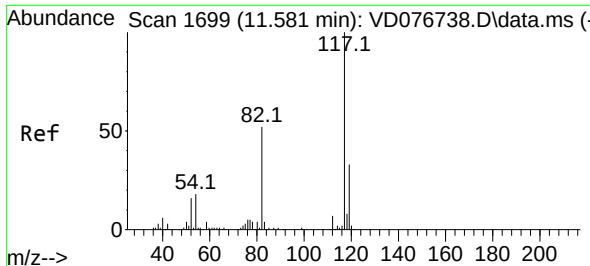
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#62
4-Bromofluorobenzene
Concen: 48.636 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

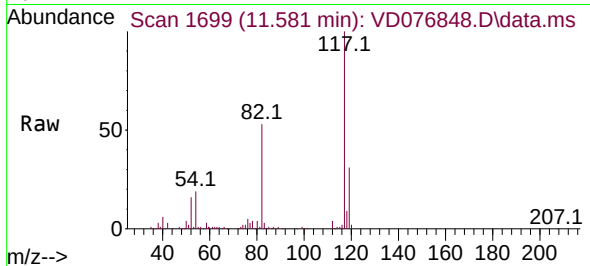
Tgt Ion: 95 Resp: 106603
Ion Ratio Lower Upper
95 100
174 89.0 0.0 201.8
176 83.6 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

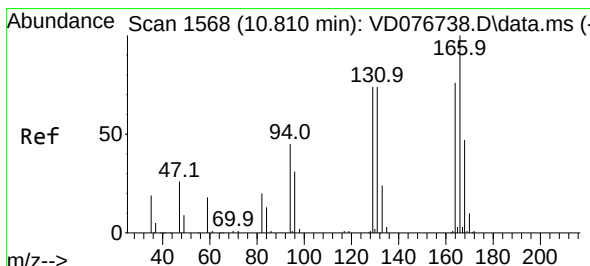
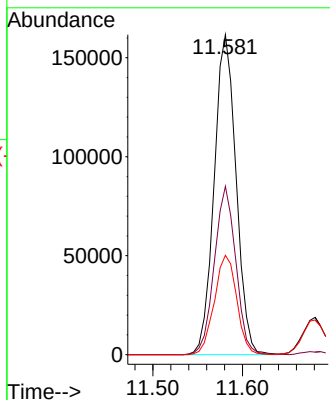
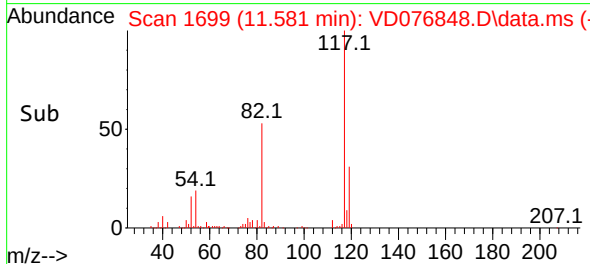
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion:117 Resp: 27427
Ion Ratio Lower Upper
117 100
82 52.6 38.3 57.5
119 31.0 25.0 37.4

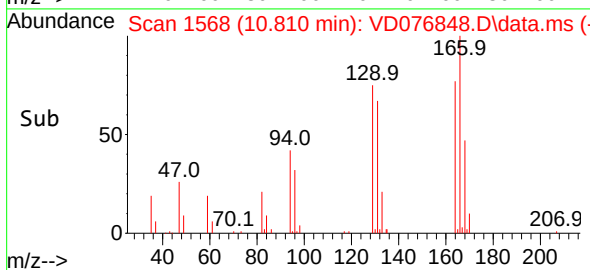
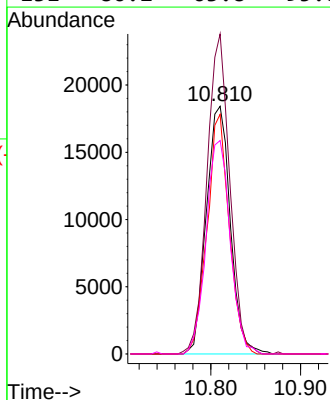
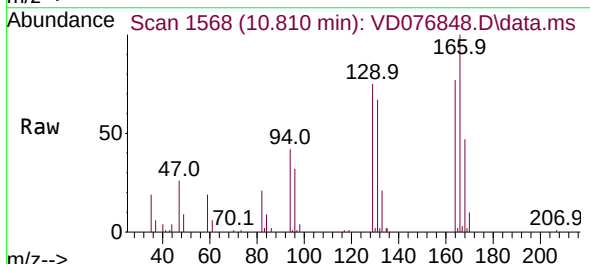
Manual Integrations
APPROVED

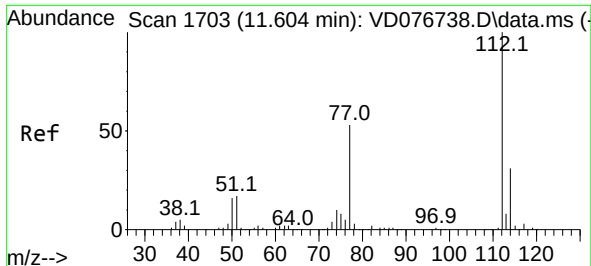
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#64
Tetrachloroethene
Concen: 21.874 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

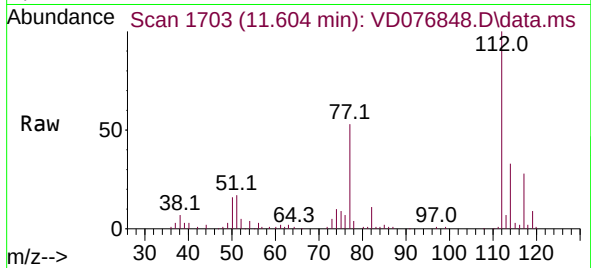
Tgt Ion:164 Resp: 34210
Ion Ratio Lower Upper
164 100
166 129.2 99.2 148.8
129 96.8 68.4 102.6
131 86.2 63.8 95.8





#65
Chlorobenzene
Concen: 21.011 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

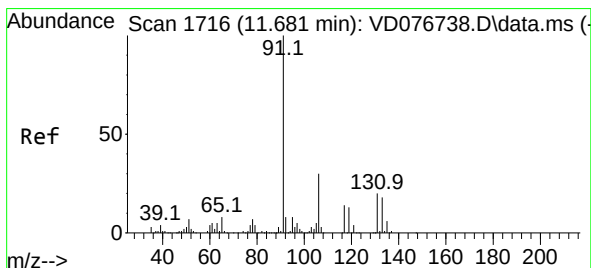
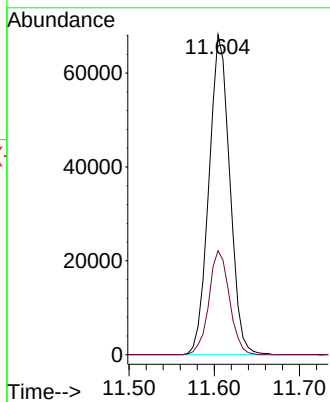
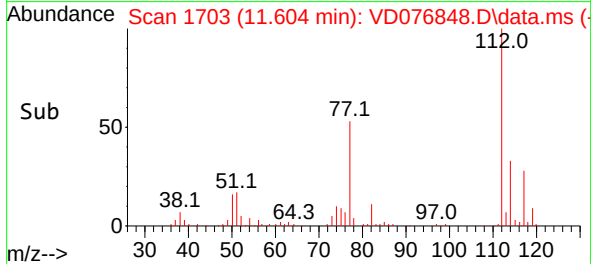
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion:112 Resp: 11590
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7

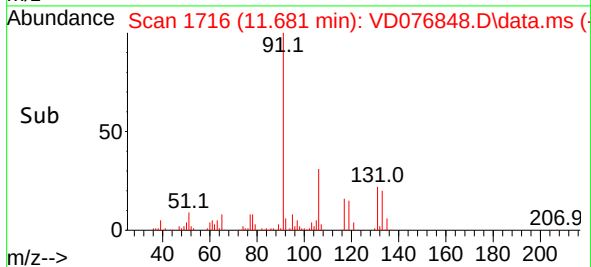
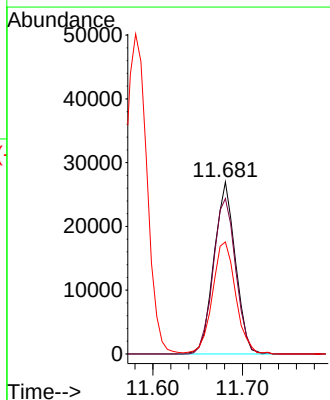
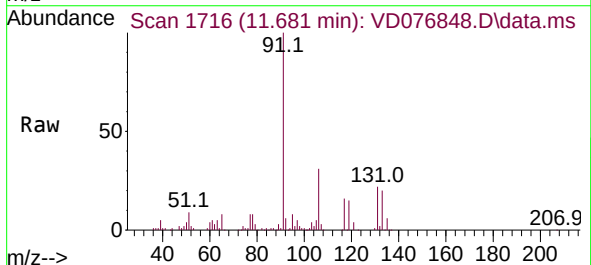
Manual Integrations
APPROVED

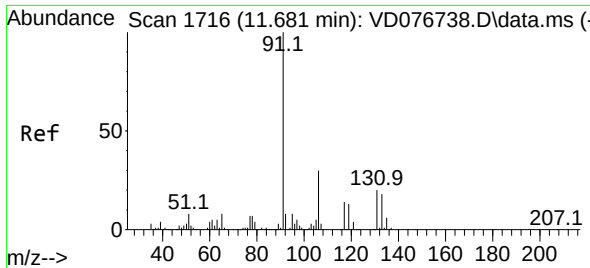
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.771 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

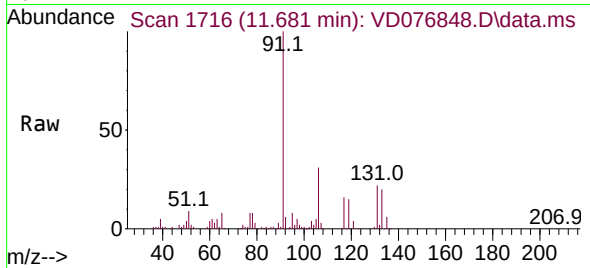
Tgt Ion:131 Resp: 44713
Ion Ratio Lower Upper
131 100
133 95.2 48.5 145.5
119 70.8 35.6 106.9





#67
Ethyl Benzene
Concen: 21.074 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

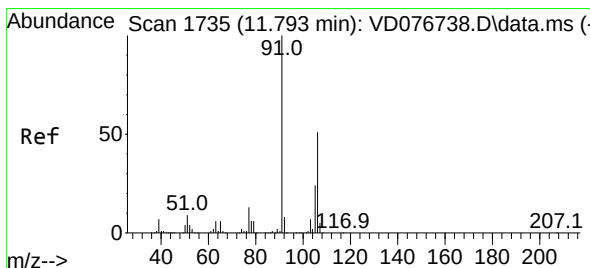
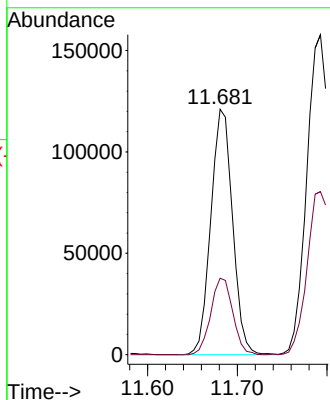
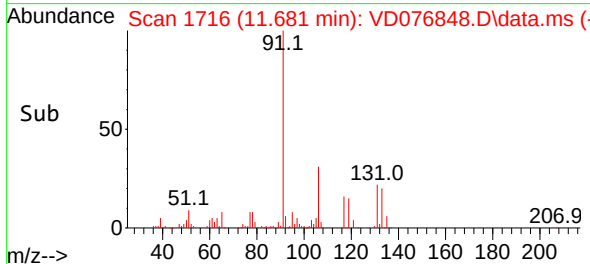
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



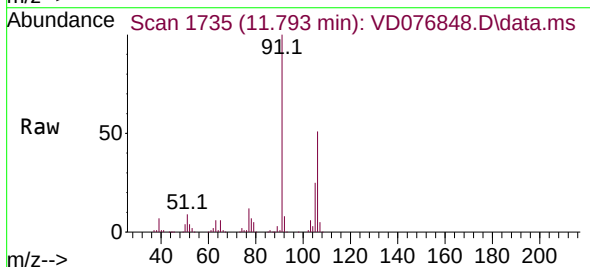
Tgt Ion: 91 Resp: 204158
Ion Ratio Lower Upper
91 100
106 31.2 26.5 39.7

Manual Integrations
APPROVED

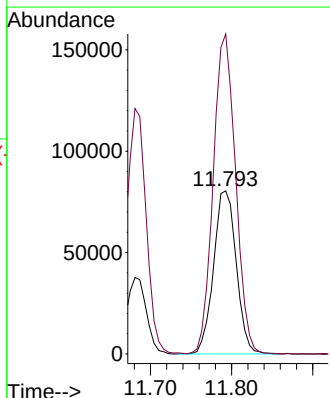
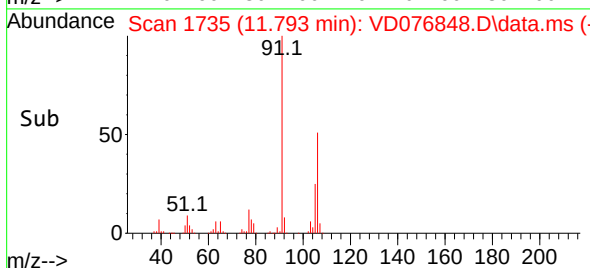
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

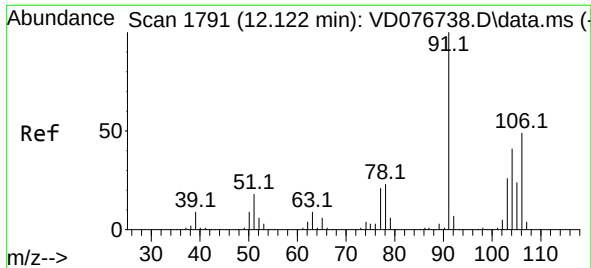


#68
m/p-Xylenes
Concen: 42.008 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04



Tgt Ion:106 Resp: 156298
Ion Ratio Lower Upper
106 100
91 193.6 147.0 220.6





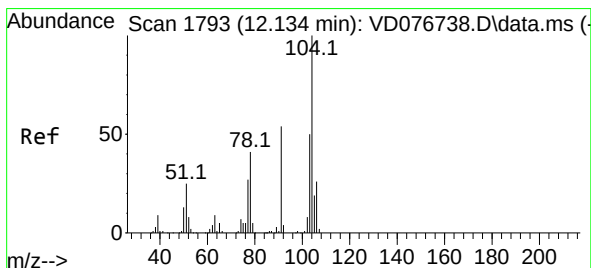
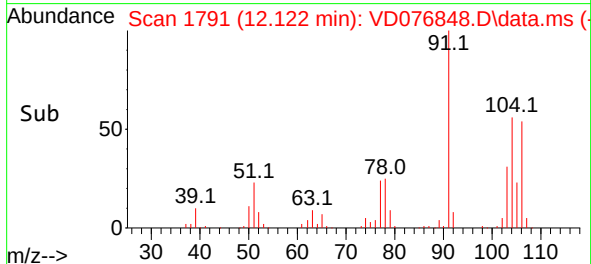
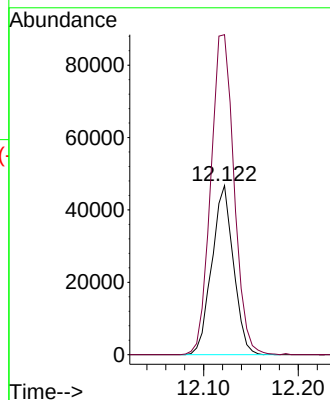
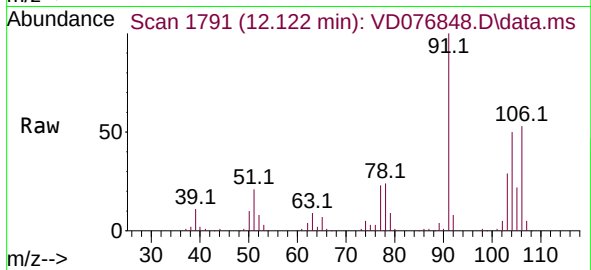
#69
o-Xylene
Concen: 20.545 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion:106 Resp: 7392
Ion Ratio Lower Upper
106 100
91 204.2 97.9 293.6

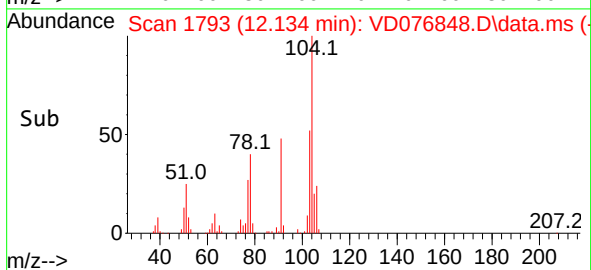
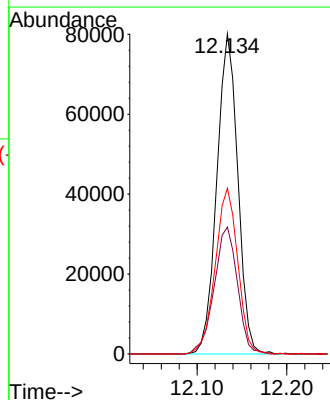
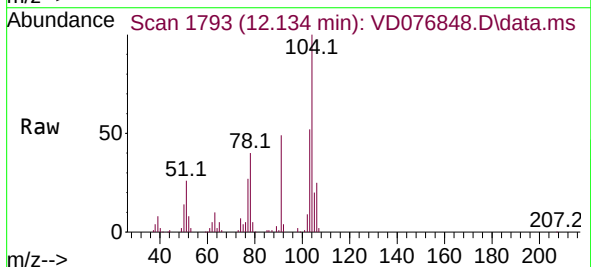
Manual Integrations
APPROVED

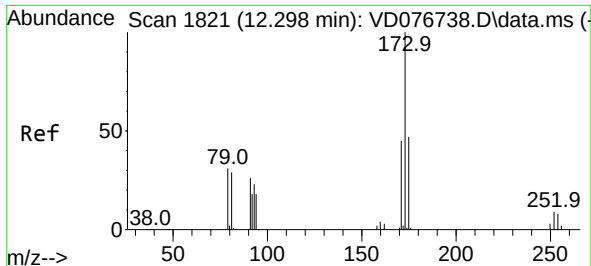
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#70
Styrene
Concen: 20.636 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

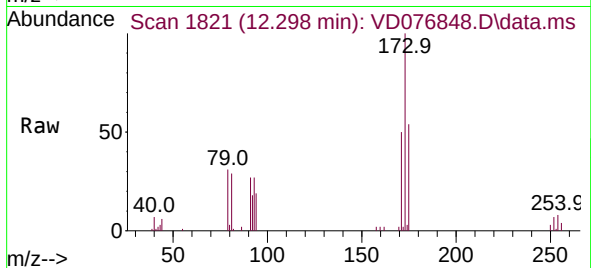
Tgt Ion:104 Resp: 129975
Ion Ratio Lower Upper
104 100
78 44.0 33.2 49.8
103 55.5 43.6 65.4





#71
Bromoform
Concen: 22.722 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

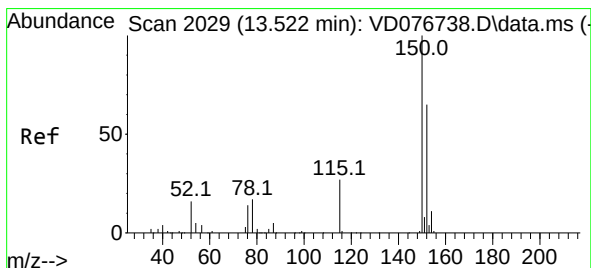
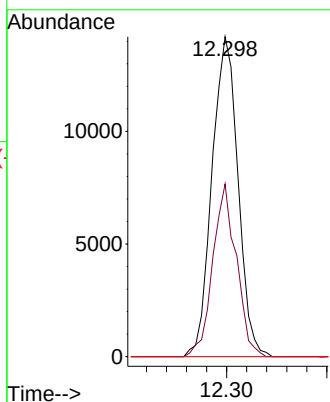
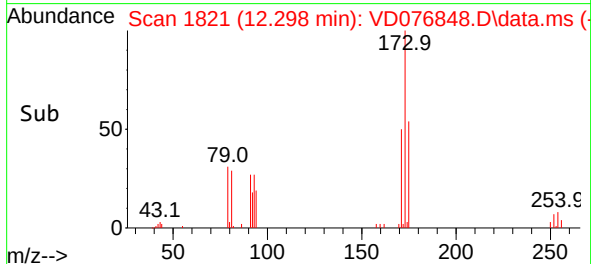
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion:173 Resp: 2555
Ion Ratio Lower Upper
173 100
175 49.0 24.6 73.8
254 0.0 0.0 0.0

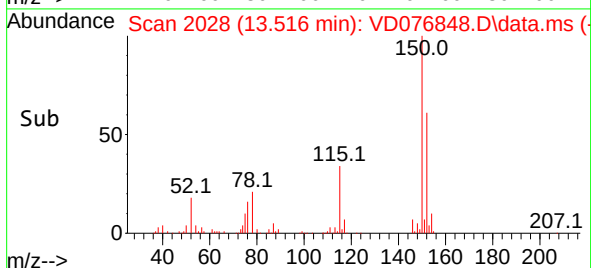
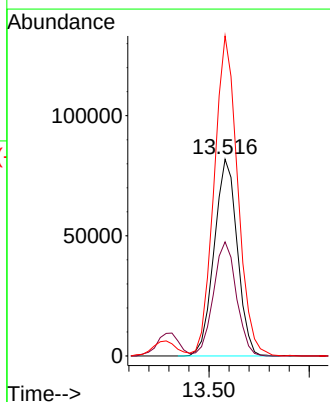
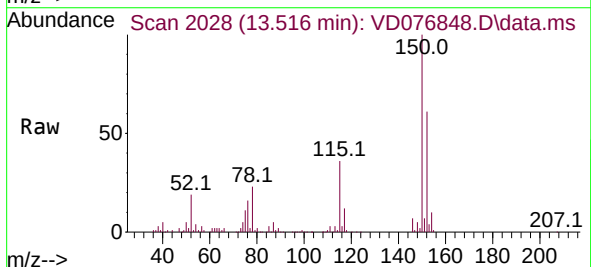
Manual Integrations
APPROVED

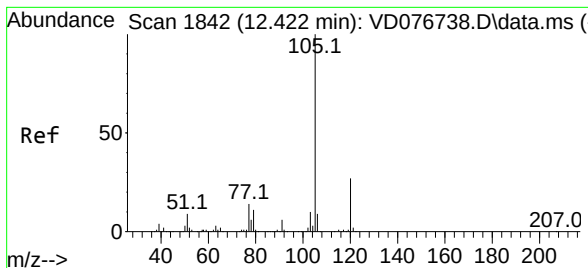
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

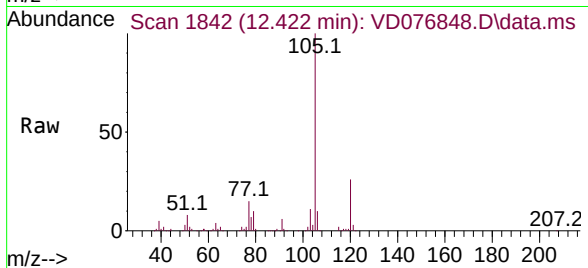
Tgt Ion:152 Resp: 130907
Ion Ratio Lower Upper
152 100
115 57.7 27.1 81.3
150 166.0 0.0 353.6





#73
Isopropylbenzene
Concen: 20.804 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

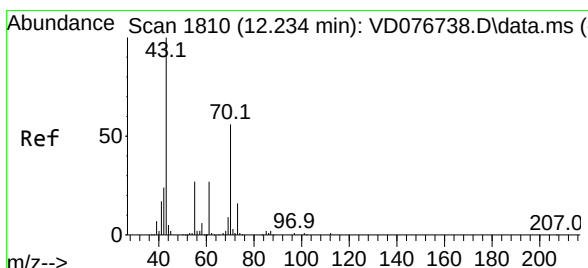
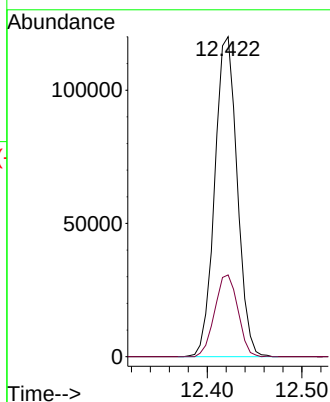
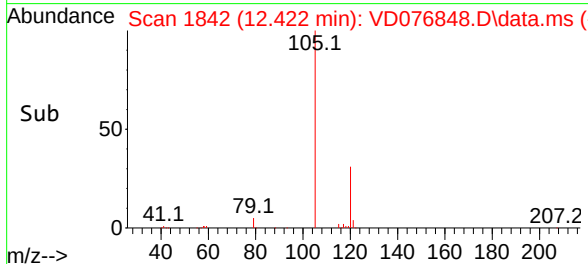
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion:105 Resp: 197589
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9

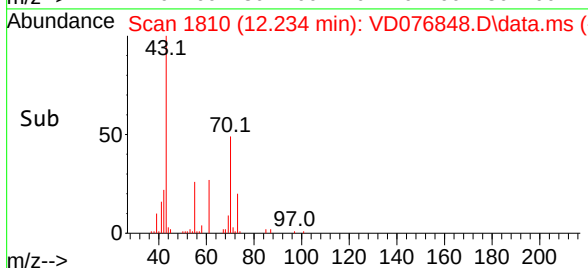
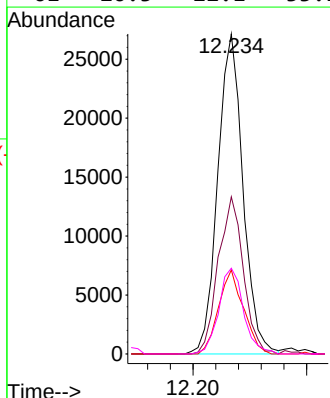
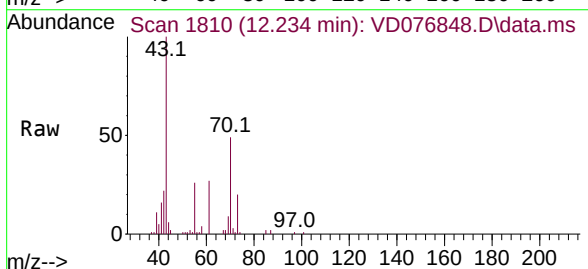
Manual Integrations
APPROVED

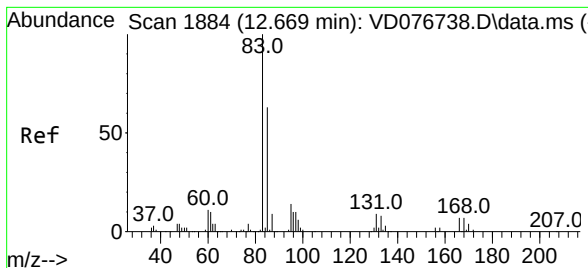
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#74
N-ethyl acetate
Concen: 20.914 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion: 43 Resp: 41846
Ion Ratio Lower Upper
43 100
70 48.8 45.0 67.4
55 25.9 23.8 35.6
61 26.3 22.1 33.1





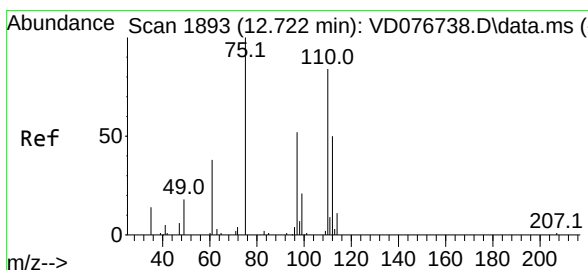
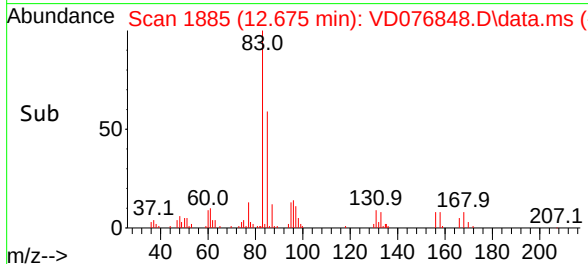
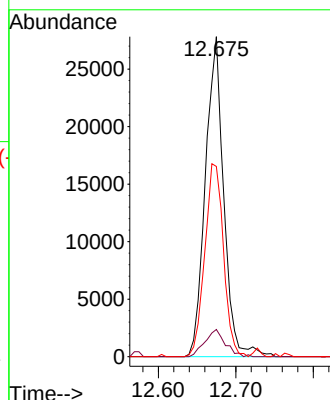
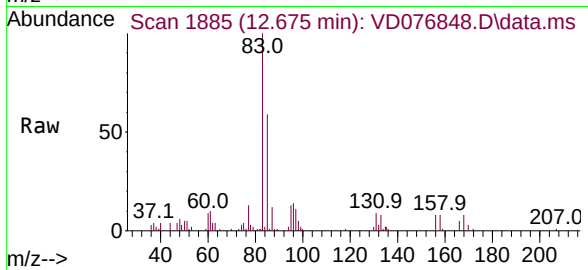
#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.456 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.006 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion: 83 Resp: 45792
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.1 15.3
 85 61.3 32.6 97.8

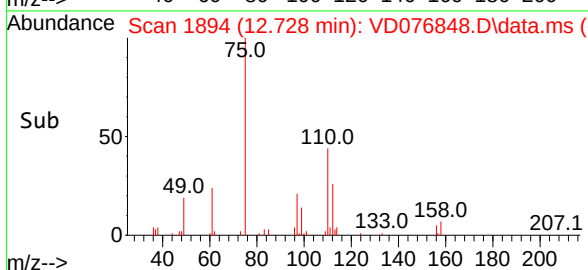
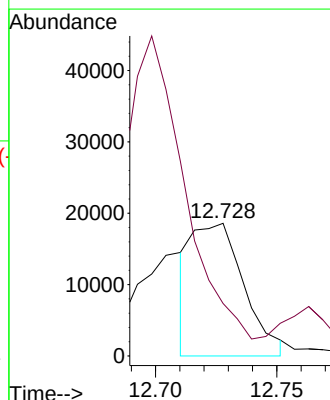
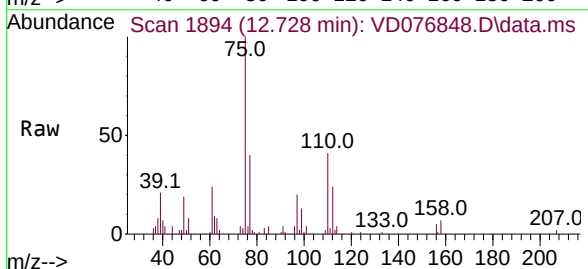
Manual Integrations
 APPROVED

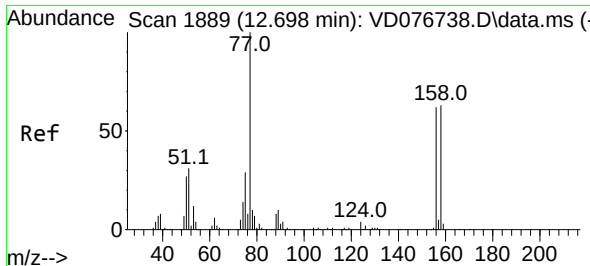
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#76
 1,2,3-Trichloropropane
 Concen: 22.439 ug/l m
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

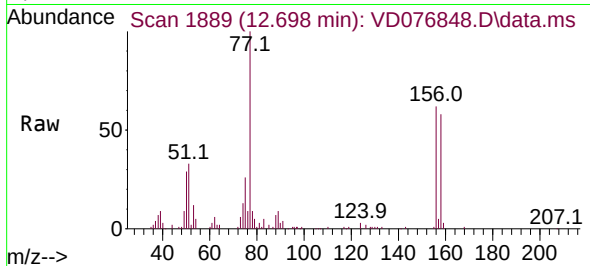
Tgt Ion: 75 Resp: 27934
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 21.073 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

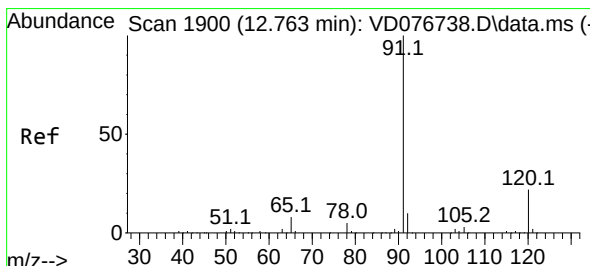
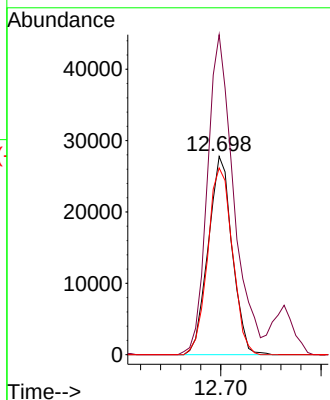
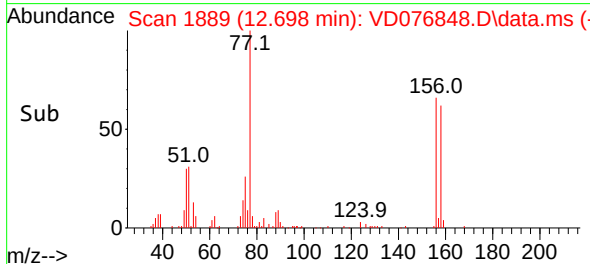
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



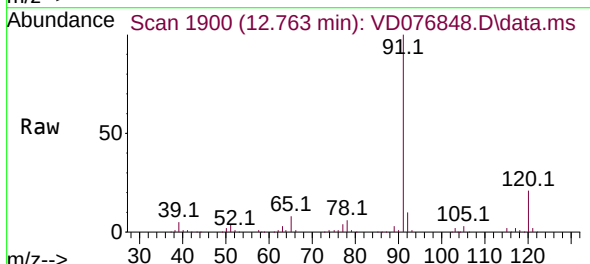
Tgt Ion:156 Resp: 46198
Ion Ratio Lower Upper
156 100
77 176.9 76.8 230.4
158 96.9 48.6 145.9

Manual Integrations
APPROVED

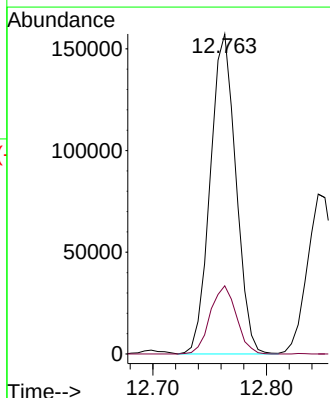
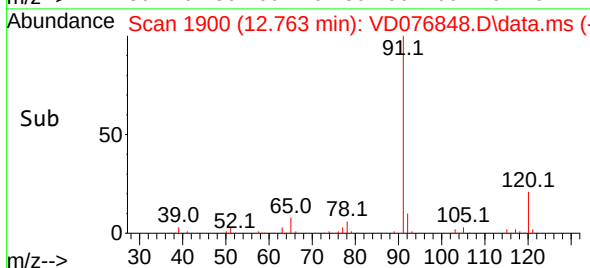
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

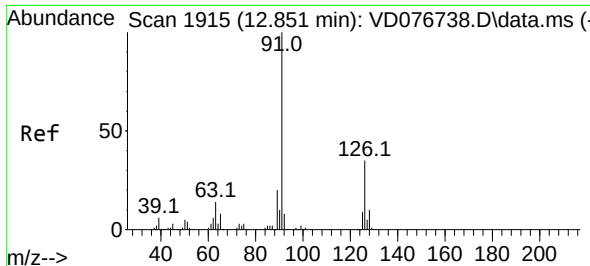


#78
n-propylbenzene
Concen: 21.449 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04



Tgt Ion: 91 Resp: 246969
Ion Ratio Lower Upper
91 100
120 21.7 12.4 37.2





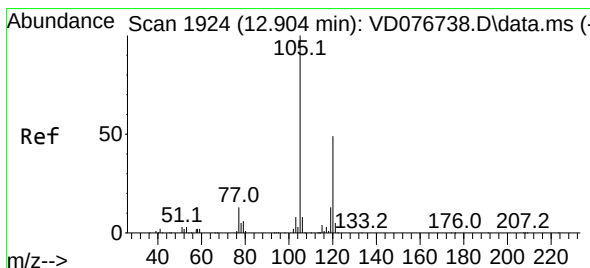
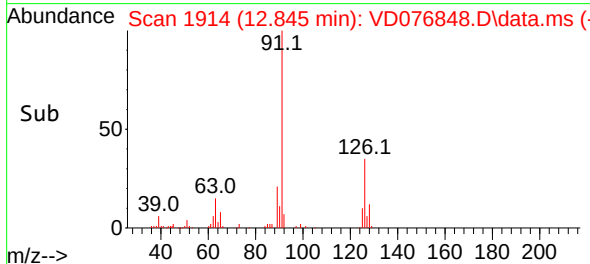
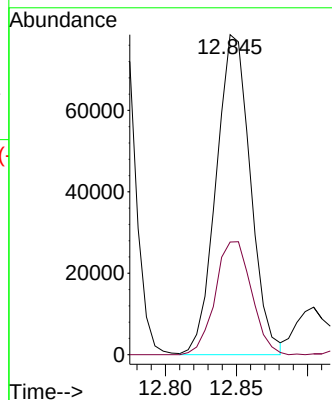
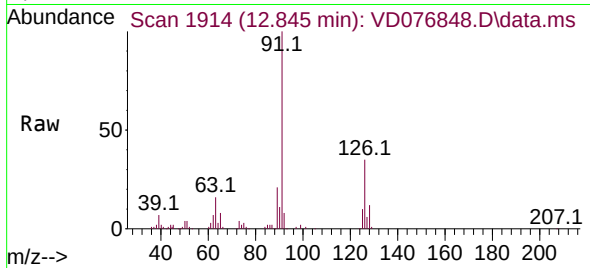
#79
2-Chlorotoluene
Concen: 20.926 ug/l
RT: 12.845 min Scan# 1915
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion: 91 Resp: 13211
Ion Ratio Lower Upper
91 100
126 37.3 19.4 58.1

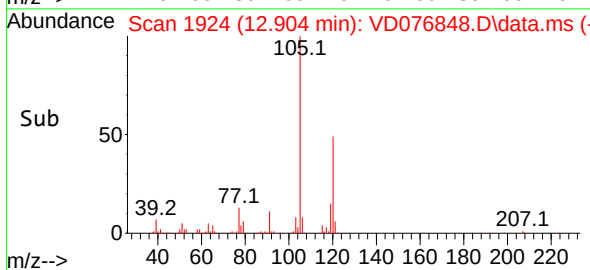
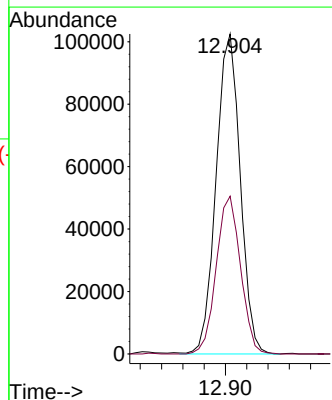
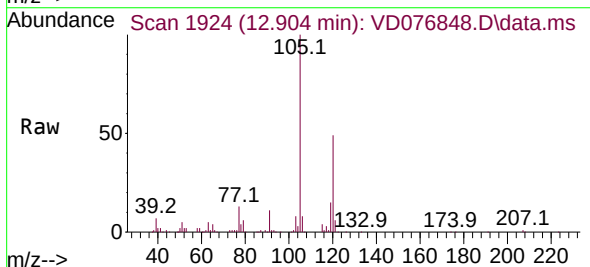
Manual Integrations
APPROVED

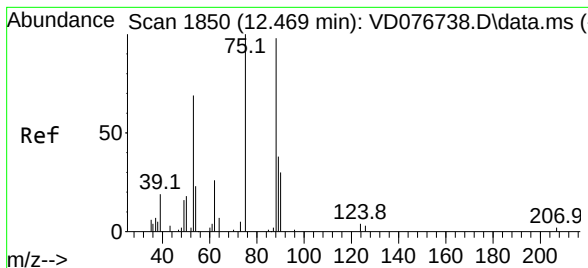
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.944 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

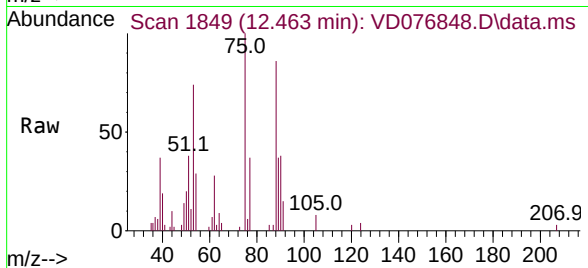
Tgt Ion:105 Resp: 160840
Ion Ratio Lower Upper
105 100
120 49.7 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 20.959 ug/l
RT: 12.463 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

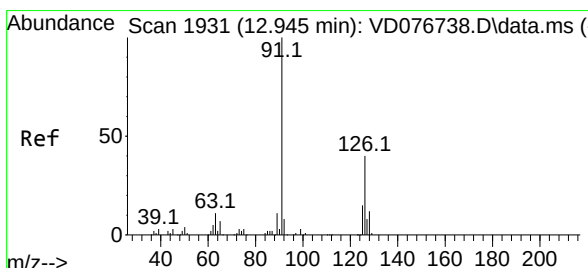
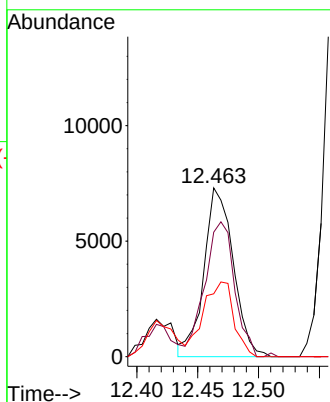
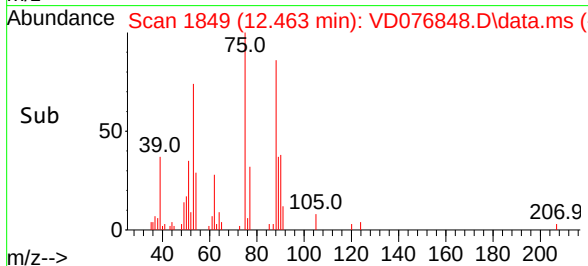
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion: 75 Resp: 12260
Ion Ratio Lower Upper
75 100
53 80.8 63.0 94.4
89 46.2 37.9 56.9

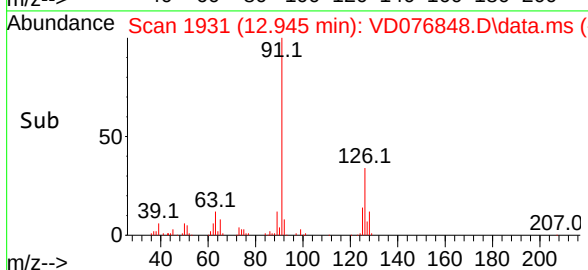
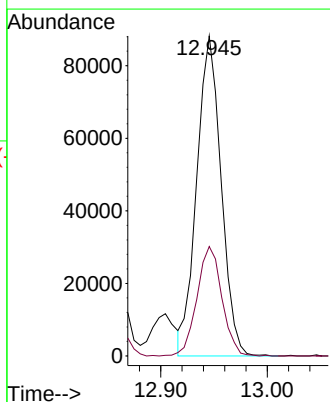
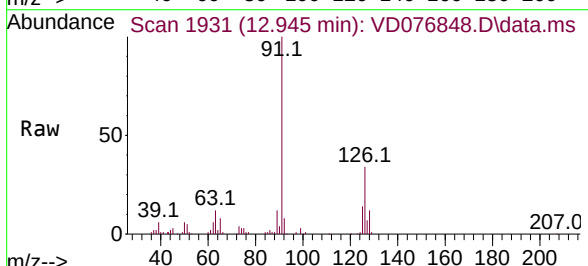
Manual Integrations
APPROVED

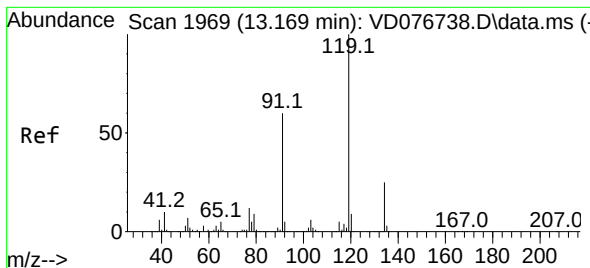
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#82
4-Chlorotoluene
Concen: 21.314 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

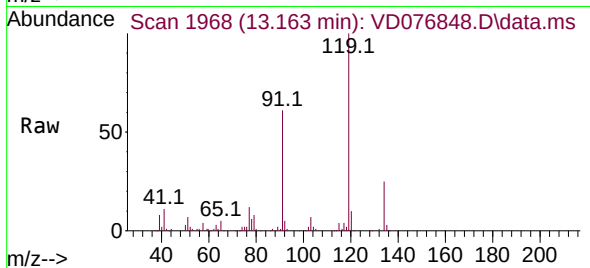
Tgt Ion: 91 Resp: 140572
Ion Ratio Lower Upper
91 100
126 34.9 19.4 58.4





#83
tert-Butylbenzene
Concen: 21.210 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

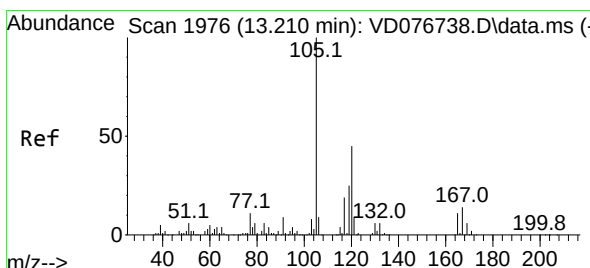
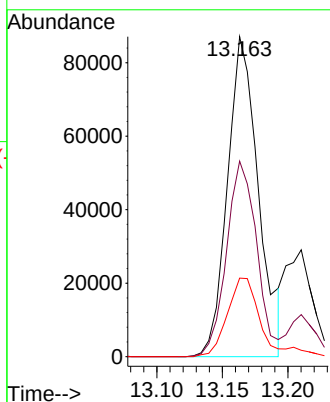
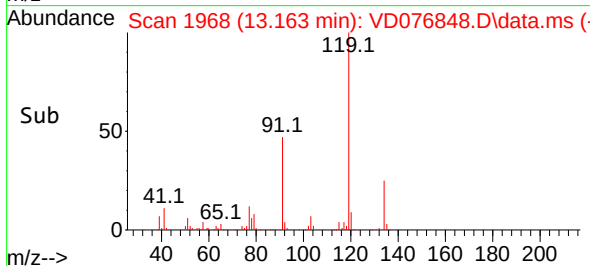
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



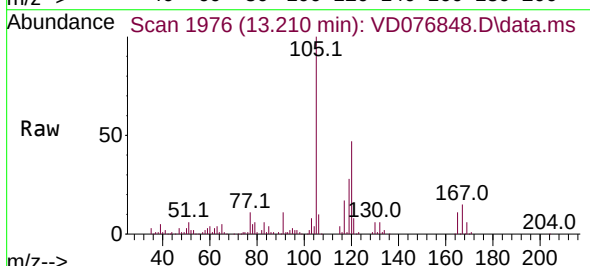
Tgt Ion:119 Resp: 14342
Ion Ratio Lower Upper
119 100
91 59.6 29.3 87.8
134 26.6 14.1 42.3

Manual Integrations
APPROVED

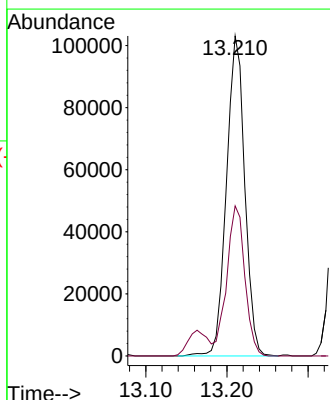
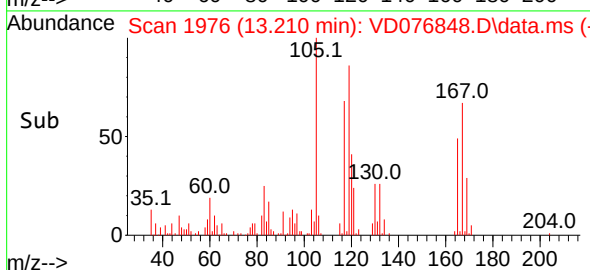
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023

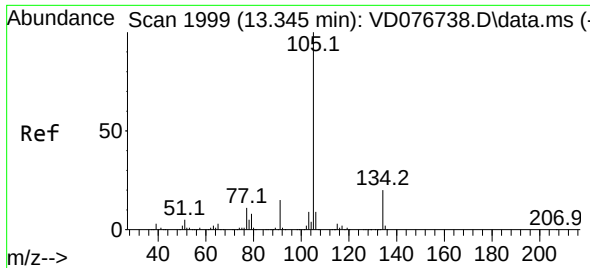


#84
1,2,4-Trimethylbenzene
Concen: 20.537 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04



Tgt Ion:105 Resp: 161174
Ion Ratio Lower Upper
105 100
120 46.6 24.3 72.9





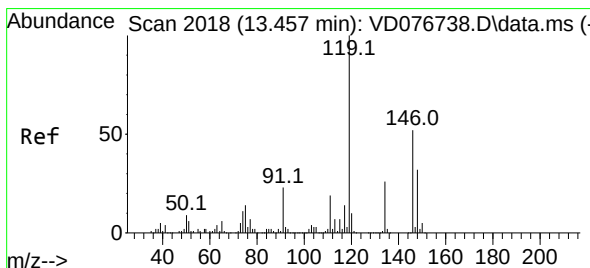
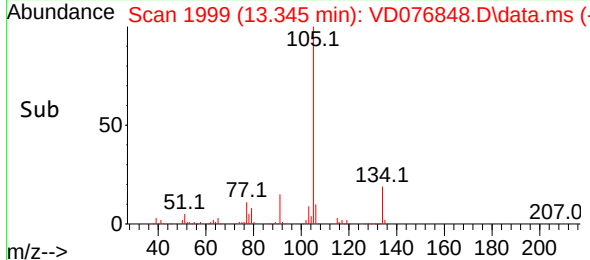
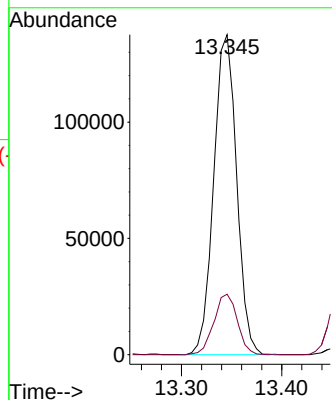
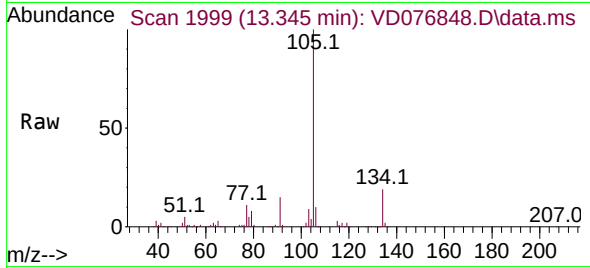
#85
 sec-Butylbenzene
 Concen: 21.087 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0728SBS01

Tgt Ion:105 Resp: 217849
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9

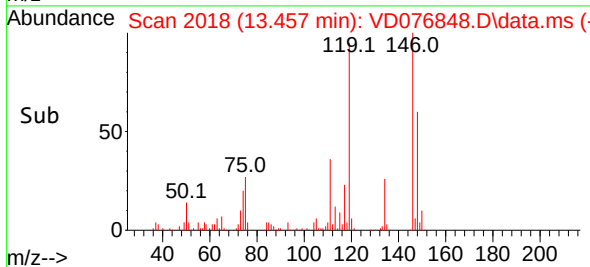
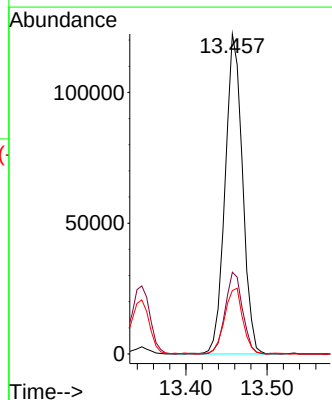
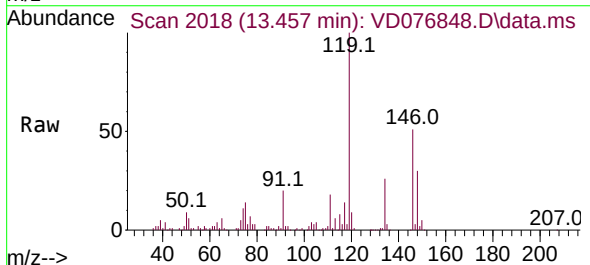
Manual Integrations
 APPROVED

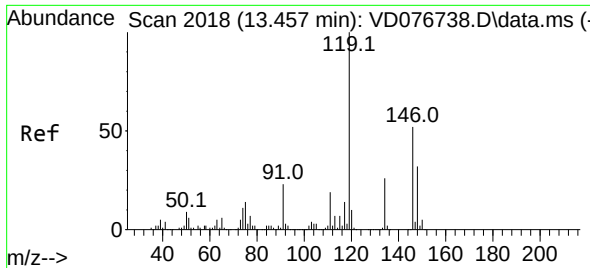
Reviewed By :John Carlone 07/31/2023
 Supervised By :Mahesh Dadoda 07/31/2023



#86
 p-Isopropyltoluene
 Concen: 21.362 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076848.D
 Acq: 28 Jul 2023 12:04

Tgt Ion:119 Resp: 182261
 Ion Ratio Lower Upper
 119 100
 134 25.6 14.2 42.6
 91 21.6 10.5 31.5





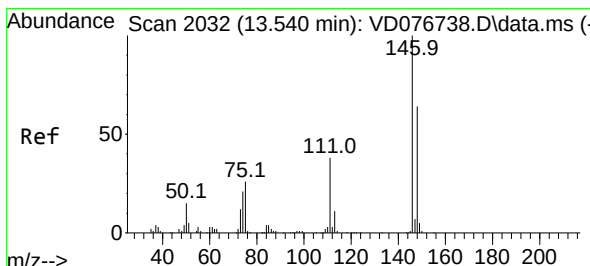
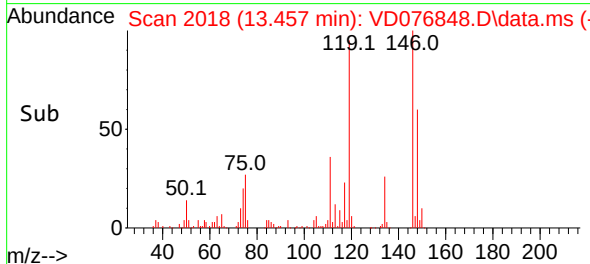
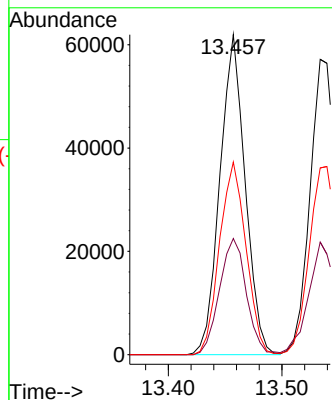
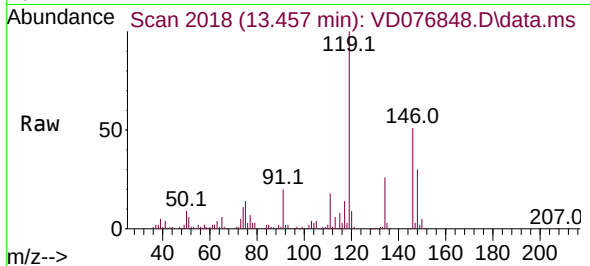
#87
1,3-Dichlorobenzene
Concen: 21.223 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01

Tgt Ion:146 Resp: 9569
Ion Ratio Lower Upper
146 100
111 38.7 17.9 53.8
148 63.1 32.3 96.8

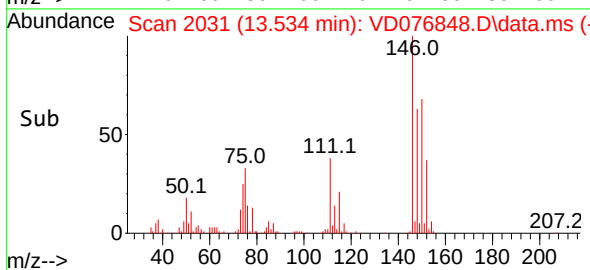
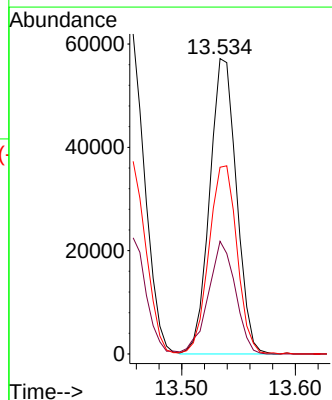
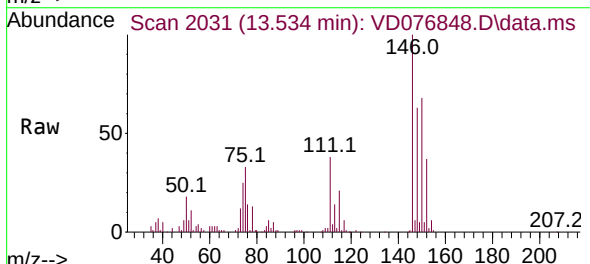
Manual Integrations
APPROVED

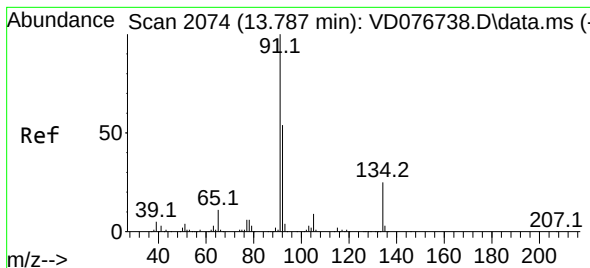
Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#88
1,4-Dichlorobenzene
Concen: 21.235 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:146 Resp: 93812
Ion Ratio Lower Upper
146 100
111 38.5 17.4 52.3
148 66.8 31.7 95.1





#89

n-Butylbenzene

Concen: 20.534 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion: 91 Resp: 171434

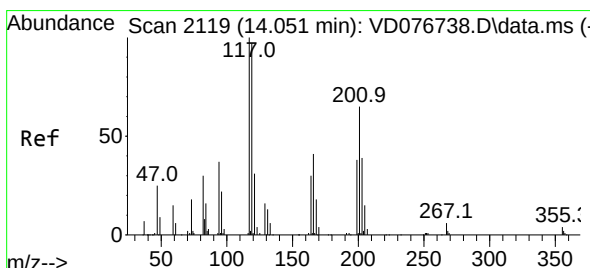
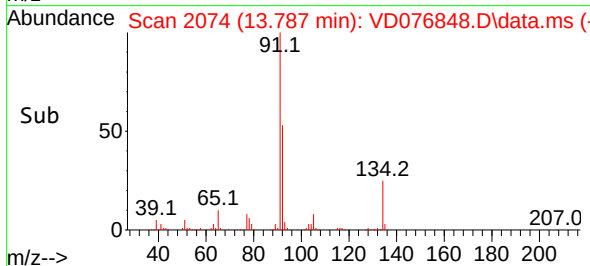
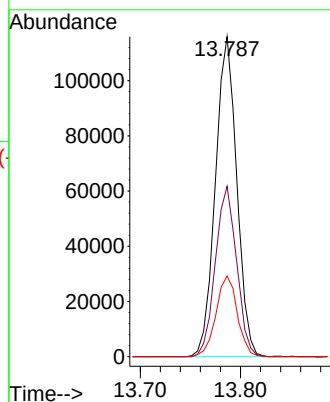
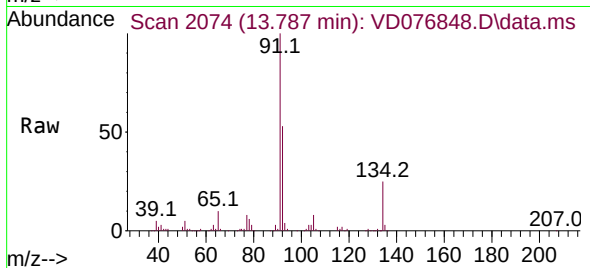
Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.5	79.5
134	25.2	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#90

Hexachloroethane

Concen: 23.443 ug/l

RT: 14.051 min Scan# 2119

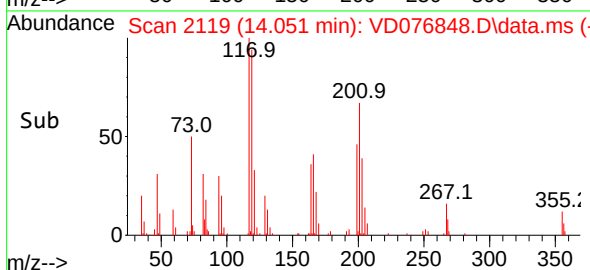
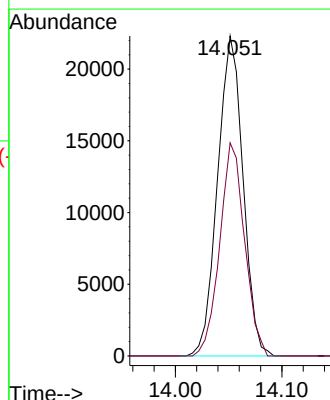
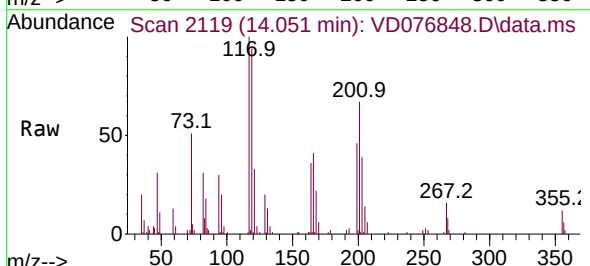
Delta R.T. 0.000 min

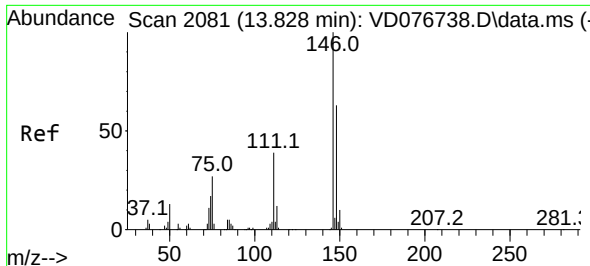
Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Tgt Ion:117 Resp: 36978

Ion	Ratio	Lower	Upper
117	100		
201	65.1	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 21.876 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

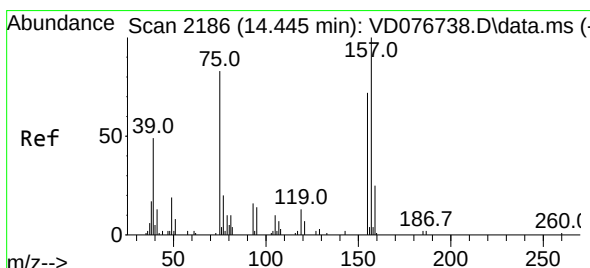
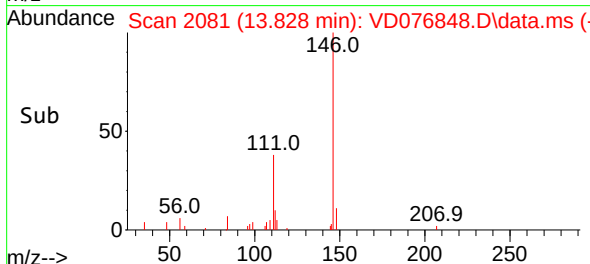
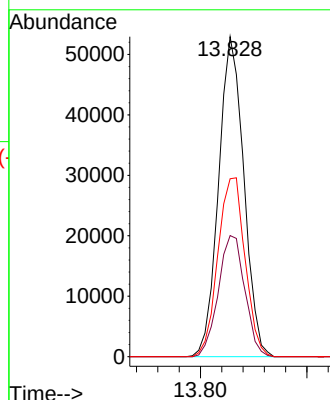
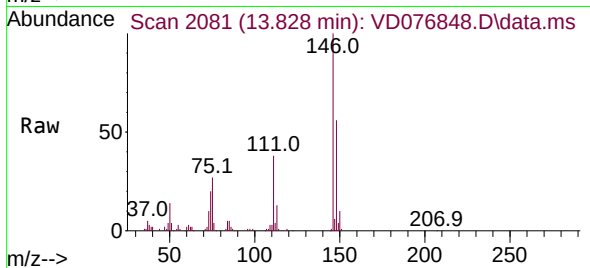
Tgt Ion:	146	Resp:	86919
Ion Ratio	Lower	Upper	
146	100		
111	39.7	18.3	54.8
148	60.2	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 22.012 ug/l

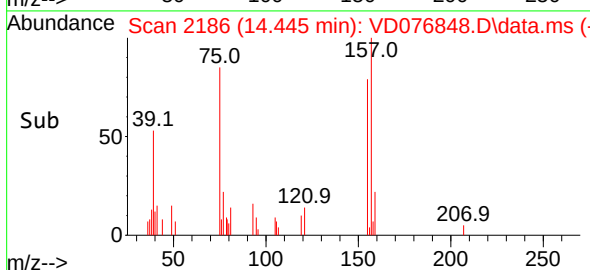
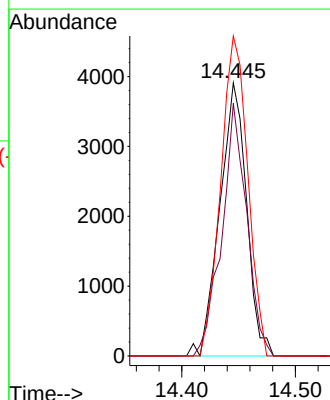
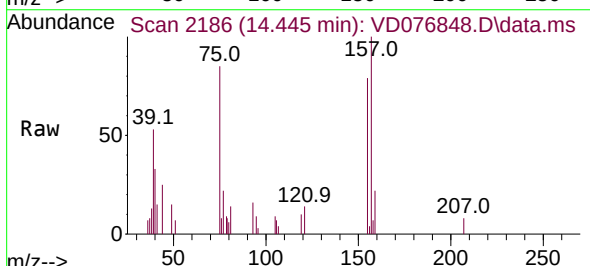
RT: 14.445 min Scan# 2186

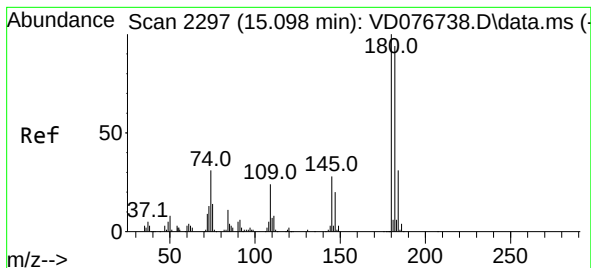
Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Tgt Ion:	75	Resp:	6400
Ion Ratio	Lower	Upper	
75	100		
155	85.9	47.9	143.8
157	118.3	59.9	179.7





#93

1,2,4-Trichlorobenzene

Concen: 21.239 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Instrument :

MSVOA_D

ClientSampleId :

VD0728SBS01

Tgt Ion:180 Resp: 51520

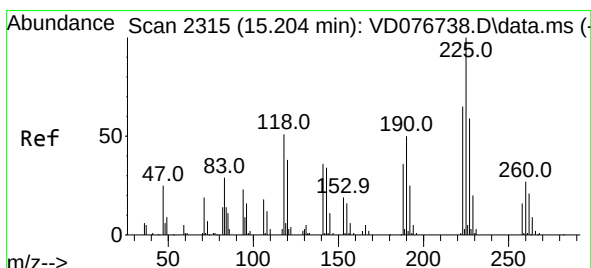
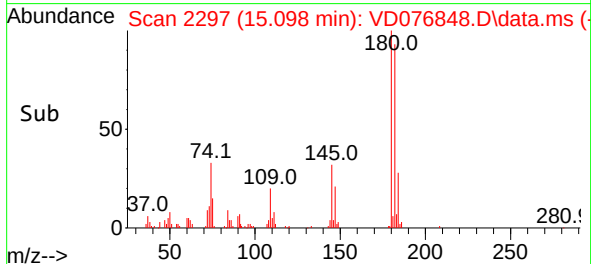
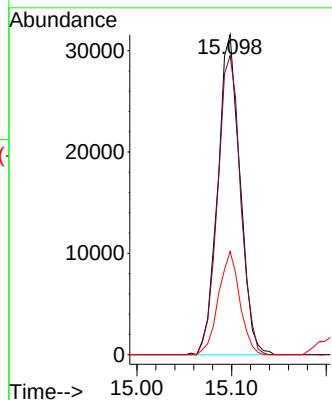
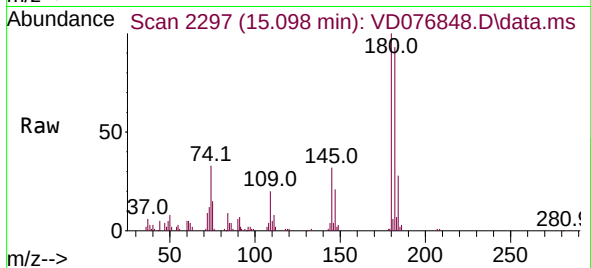
Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.5	145.6
145	30.8	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/31/2023

Supervised By :Mahesh Dadoda 07/31/2023



#94

Hexachlorobutadiene

Concen: 20.394 ug/l

RT: 15.204 min Scan# 2315

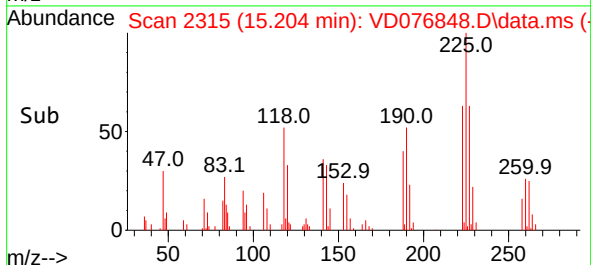
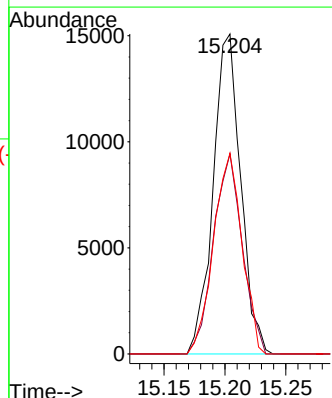
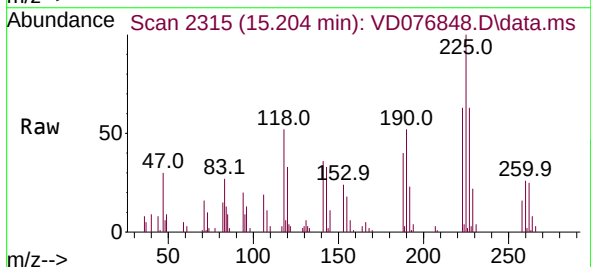
Delta R.T. 0.000 min

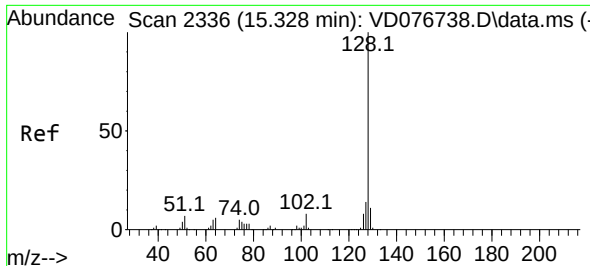
Lab File: VD076848.D

Acq: 28 Jul 2023 12:04

Tgt Ion:225 Resp: 23792

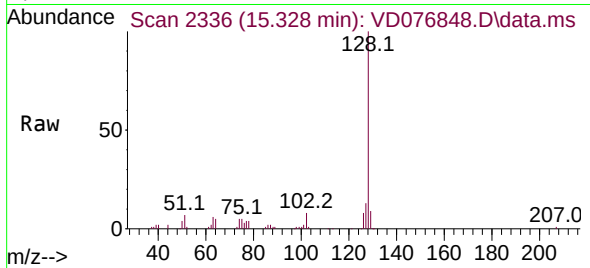
Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.6	94.8
227	65.0	31.7	95.1





#95
Naphthalene
Concen: 21.555 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

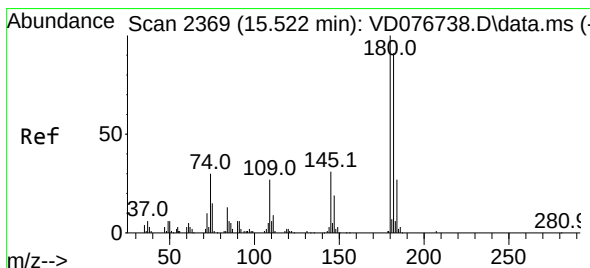
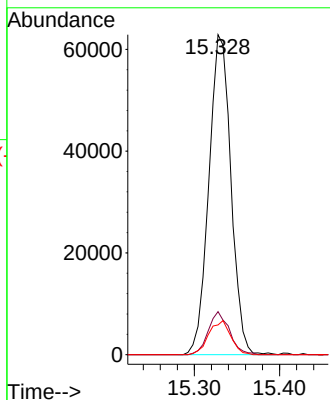
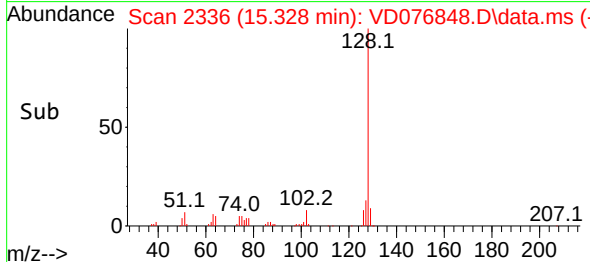
Instrument :
MSVOA_D
ClientSampleId :
VD0728SBS01



Tgt Ion:128 Resp: 11321
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 9.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/31/2023
Supervised By :Mahesh Dadoda 07/31/2023



#96
1,2,3-Trichlorobenzene
Concen: 21.081 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD076848.D
Acq: 28 Jul 2023 12:04

Tgt Ion:180 Resp: 45888
Ion Ratio Lower Upper
180 100
182 95.2 47.3 141.9
145 31.6 15.1 45.3

