

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071723\
 Data File : VD076764.D
 Acq On : 17 Jul 2023 19:45
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.68G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Jul 18 01:25:11 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	181270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	322171	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	295568	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	85279	47.233	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.460%		
35) Dibromofluoromethane	7.804	113	101806	50.286	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.580%		
50) Toluene-d8	10.269	98	343380	47.411	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.820%		
62) 4-Bromofluorobenzene	12.575	95	112247	47.908	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	70204	49.526	ug/l	99
3) Chloromethane	2.146	50	120588	49.315	ug/l	97
4) Vinyl Chloride	2.275	62	165998	50.926	ug/l	98
5) Bromomethane	2.675	94	124476	46.413	ug/l	99
6) Chloroethane	2.822	64	118732	48.245	ug/l	98
7) Trichlorofluoromethane	3.163	101	144671	49.880	ug/l	100
8) Diethyl Ether	3.587	74	48438	48.506	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.957	101	95247	49.958	ug/l	97
10) Methyl Iodide	4.157	142	107131	49.848	ug/l #	91
11) Tert butyl alcohol	5.051	59	32166	238.746	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	85924	47.969	ug/l	86
13) Acrolein	3.793	56	14489	157.810	ug/l	93
14) Allyl chloride	4.551	41	111038	47.189	ug/l	92
15) Acrylonitrile	5.251	53	118603	241.819	ug/l	98
16) Acetone	4.022	43	94764	219.772	ug/l	92
17) Carbon Disulfide	4.263	76	204396	48.856	ug/l	98
18) Methyl Acetate	4.563	43	100462	62.012	ug/l	91
19) Methyl tert-butyl Ether	5.310	73	232310	48.362	ug/l	98
20) Methylene Chloride	4.793	84	138859	55.141	ug/l	90
21) trans-1,2-Dichloroethene	5.304	96	101490	48.744	ug/l	94
22) Diisopropyl ether	6.216	45	271228	48.677	ug/l	98
23) Vinyl Acetate	6.151	43	565139m	204.987	ug/l	
24) 1,1-Dichloroethane	6.104	63	181821	48.397	ug/l	99
25) 2-Butanone	7.081	43	136530	236.585	ug/l	88
26) 2,2-Dichloropropane	7.069	77	141171	43.592	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	131498	51.231	ug/l	99
28) Bromochloromethane	7.422	49	41270	43.939	ug/l	86
29) Tetrahydrofuran	7.445	42	84403	247.542	ug/l	95
30) Chloroform	7.592	83	205519	49.947	ug/l	91
31) Cyclohexane	7.869	56	124242	46.758	ug/l	93
32) 1,1,1-Trichloroethane	7.792	97	168135	50.645	ug/l	98
36) 1,1-Dichloropropene	8.004	75	135717	51.301	ug/l	98
37) Ethyl Acetate	7.169	43	60869	51.448	ug/l #	89
38) Carbon Tetrachloride	7.992	117	130941	51.691	ug/l	94
39) Methylcyclohexane	9.269	83	157877	51.684	ug/l	98
40) Benzene	8.251	78	423261	50.706	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.392	41	34649	47.959	ug/l #	91
42) 1,2-Dichloroethane	8.328	62	111553	51.434	ug/l	98
43) Isopropyl Acetate	8.357	43	114769	49.706	ug/l	93
44) Trichloroethene	9.028	130	110774	48.699	ug/l	92
45) 1,2-Dichloropropane	9.304	63	109230	50.693	ug/l	97
46) Dibromomethane	9.392	93	64455	51.104	ug/l	90
47) Bromodichloromethane	9.581	83	160266	50.636	ug/l	98
48) Methyl methacrylate	9.381	41	55716	53.018	ug/l	82
49) 1,4-Dioxane	9.386	88	15677	970.154	ug/l #	83
51) 4-Methyl-2-Pentanone	10.157	43	311920	253.726	ug/l	92
52) Toluene	10.333	92	276621	50.457	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	145176	49.417	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	172298	49.764	ug/l #	93
55) 1,1,2-Trichloroethane	10.733	97	94503	51.311	ug/l	96
56) Ethyl methacrylate	10.598	69	104304	49.067	ug/l #	88
57) 1,3-Dichloropropane	10.880	76	149352	49.795	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	197417	239.925	ug/l	97
59) 2-Hexanone	10.922	43	217824	248.317	ug/l	92
60) Dibromochloromethane	11.075	129	108964	50.928	ug/l	98
61) 1,2-Dibromoethane	11.180	107	84514	49.495	ug/l	100
64) Tetrachloroethene	10.810	164	105549	62.626	ug/l	91
65) Chlorobenzene	11.604	112	300718	50.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	109549	49.499	ug/l	99
67) Ethyl Benzene	11.680	91	531533	50.914	ug/l	96
68) m/p-Xylenes	11.792	106	410388	102.355	ug/l	91
69) o-Xylene	12.122	106	200707	51.766	ug/l	93
70) Styrene	12.133	104	350633	51.660	ug/l	98
71) Bromoform	12.298	173	64691	53.370	ug/l #	100
73) Isopropylbenzene	12.422	105	521330	52.079	ug/l	96
74) N-amyl acetate	12.233	43	106554	50.526	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	109910	51.138	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	71545m	54.526	ug/l	
77) Bromobenzene	12.698	156	120447	52.127	ug/l	90
78) n-propylbenzene	12.763	91	645592	53.197	ug/l	96
79) 2-Chlorotoluene	12.851	91	350518	52.677	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	420943	52.005	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	29908	48.511	ug/l	98
82) 4-Chlorotoluene	12.945	91	365843	52.628	ug/l	96
83) tert-Butylbenzene	13.163	119	378073	53.048	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	427340	51.664	ug/l	96
85) sec-Butylbenzene	13.345	105	579315	53.203	ug/l	94
86) p-Isopropyltoluene	13.463	119	475179	52.841	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	245474	51.651	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	244119	52.427	ug/l	98
89) n-Butylbenzene	13.786	91	462438	52.552	ug/l	97
90) Hexachloroethane	14.051	117	90207	54.259	ug/l	86
91) 1,2-Dichlorobenzene	13.833	146	218442	52.161	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15544	50.722	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	131156	51.299	ug/l	95
94) Hexachlorobutadiene	15.204	225	62310	50.675	ug/l	98
95) Naphthalene	15.327	128	280933	50.748	ug/l	99
96) 1,2,3-Trichlorobenzene	15.521	180	115126	50.179	ug/l	98

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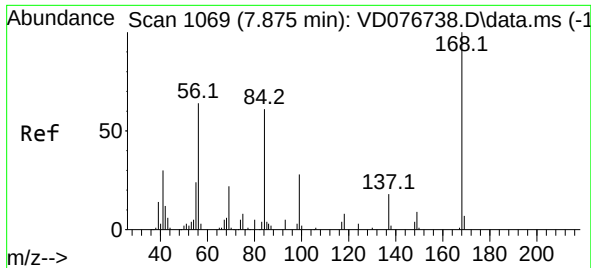
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 07/18/2023

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QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

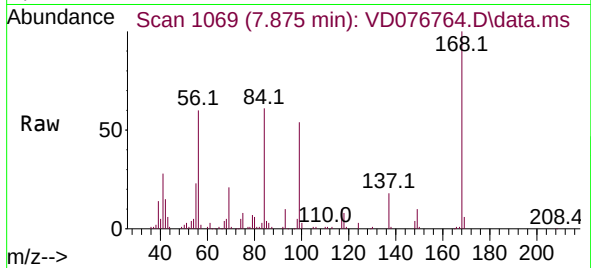
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
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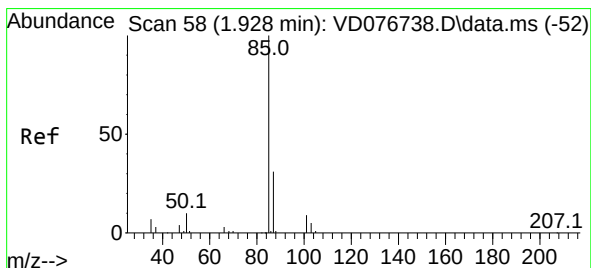
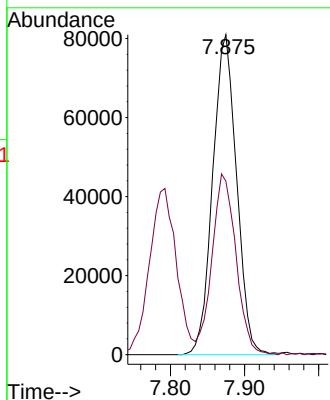
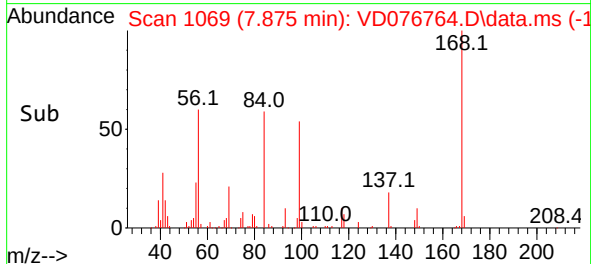
Instrument :
MSVOA_D
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VSTDCCC050EC



Tgt Ion:168 Resp: 181270
Ion Ratio Lower Upper
168 100
99 54.2 36.7 55.1

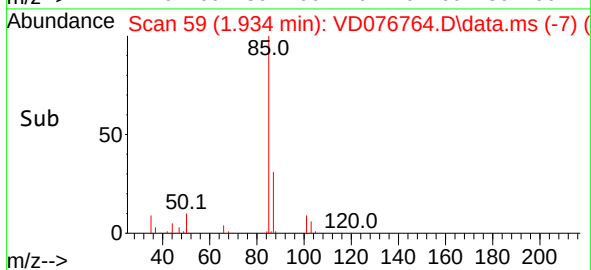
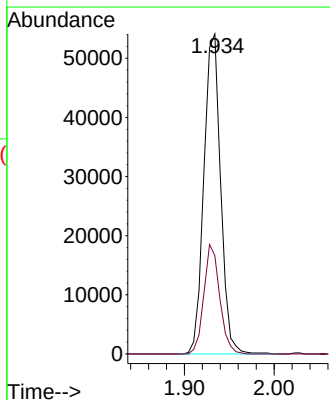
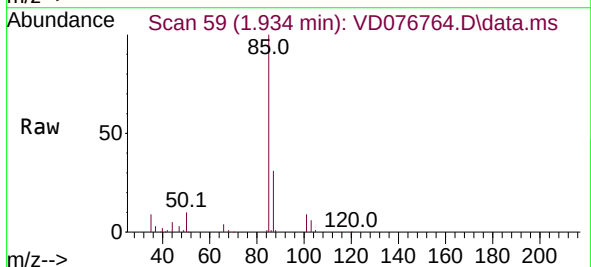
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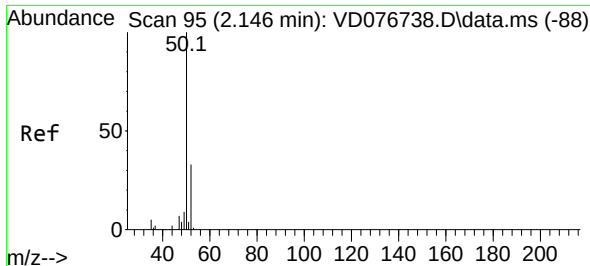
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#2
Dichlorodifluoromethane
Concen: 49.526 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

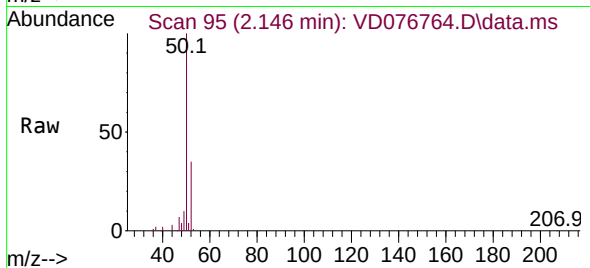
Tgt Ion: 85 Resp: 70204
Ion Ratio Lower Upper
85 100
87 30.7 15.7 47.0





#3
Chloromethane
Concen: 49.315 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

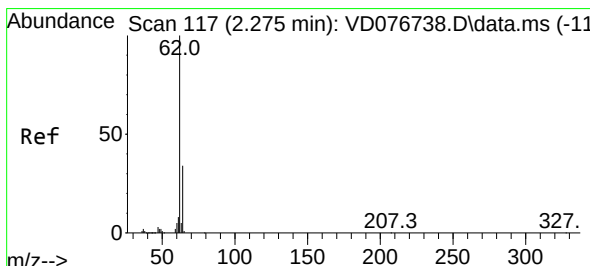
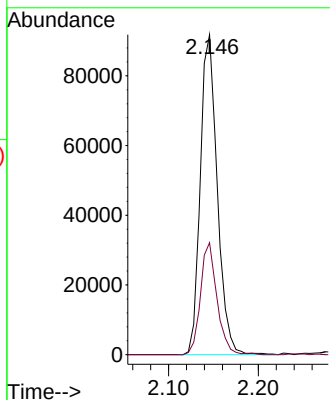
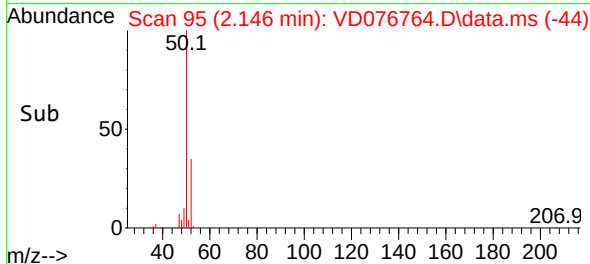
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Tgt Ion: 50 Resp: 120588
Ion Ratio Lower Upper
50 100
52 35.0 26.6 40.0

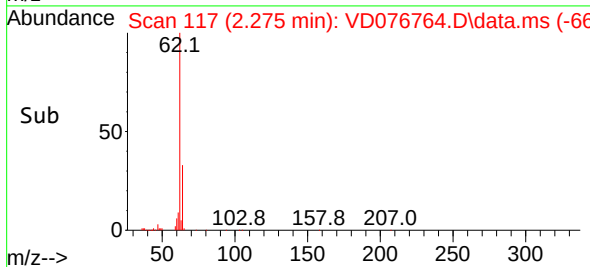
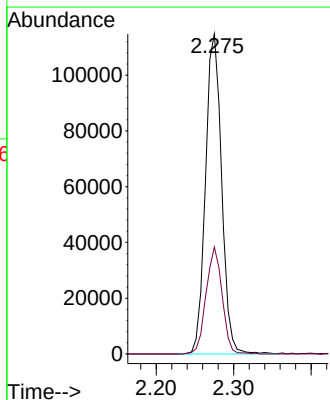
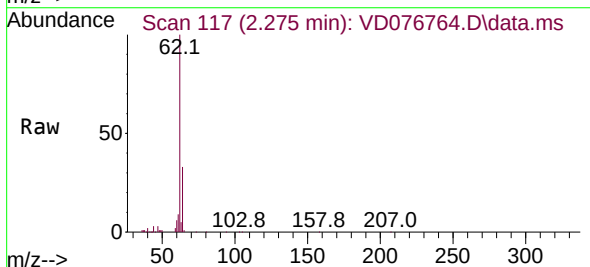
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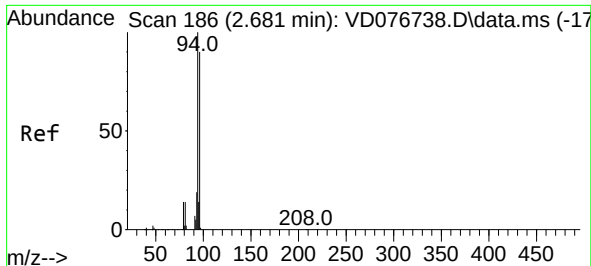
Reviewed By :John Carlone 07/18/2023
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#4
Vinyl Chloride
Concen: 50.926 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

Tgt Ion: 62 Resp: 165998
Ion Ratio Lower Upper
62 100
64 33.4 26.0 39.0





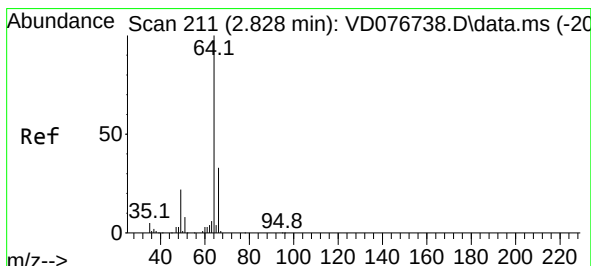
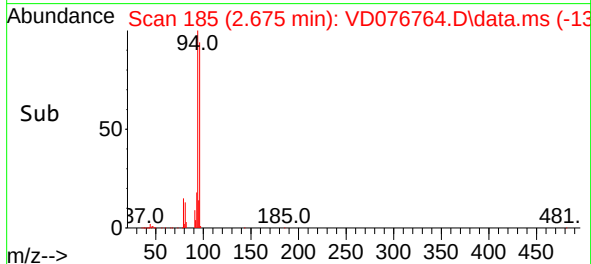
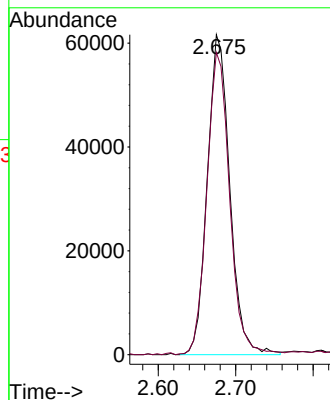
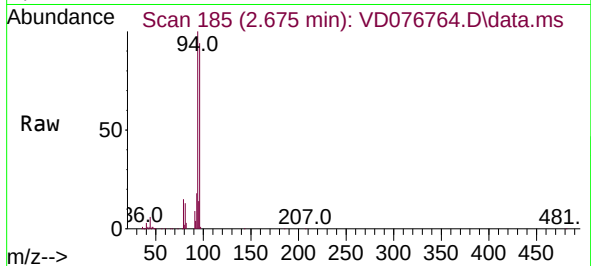
#5
Bromomethane
Concen: 46.413 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

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Tgt Ion: 94 Resp: 124470
Ion Ratio Lower Upper
94 100
96 95.6 75.8 113.8

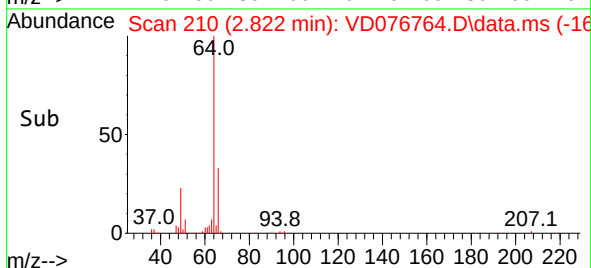
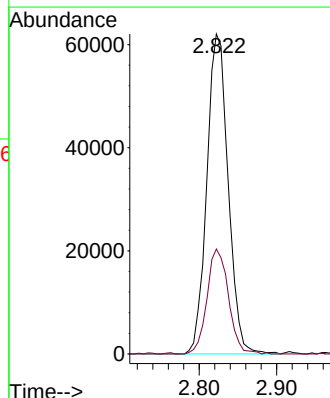
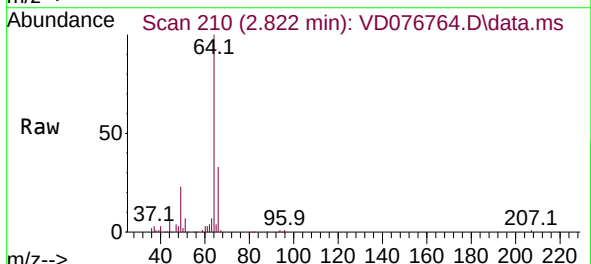
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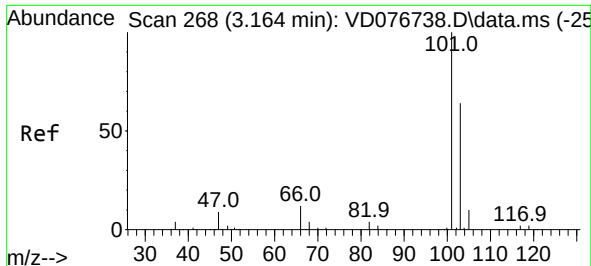
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#6
Chloroethane
Concen: 48.245 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

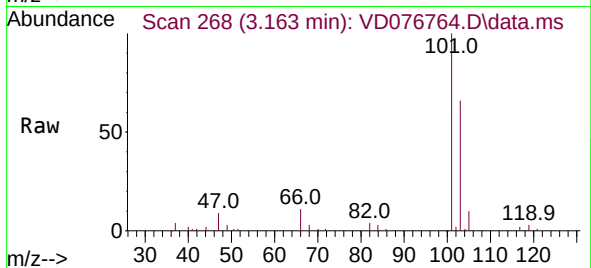
Tgt Ion: 64 Resp: 118732
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 49.880 ug/l
 RT: 3.163 min Scan# 20
 Delta R.T. -0.001 min
 Lab File: VD076764.D
 Acq: 17 Jul 2023 19:45

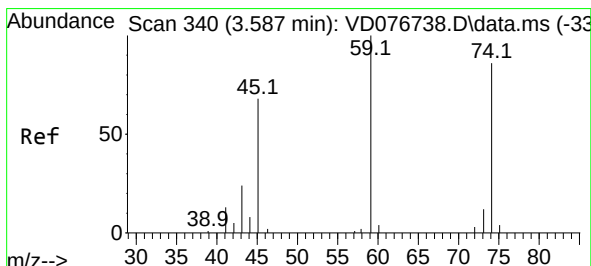
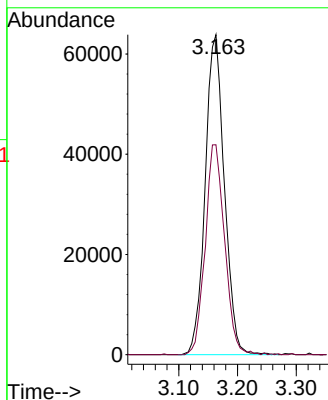
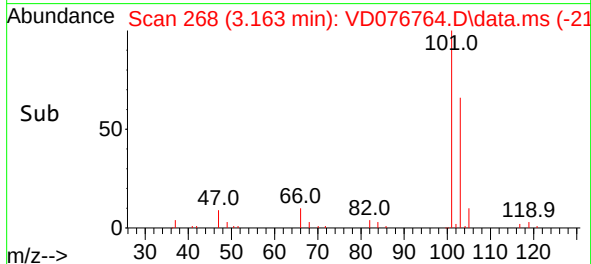
Instrument :
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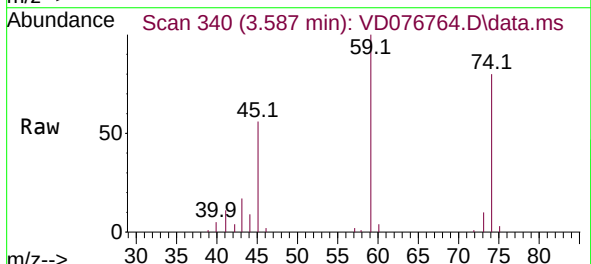
Tgt Ion:101 Resp: 14467
 Ion Ratio Lower Upper
 101 100
 103 65.6 52.3 78.5

Manual Integrations
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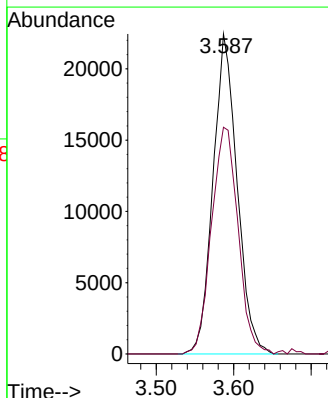
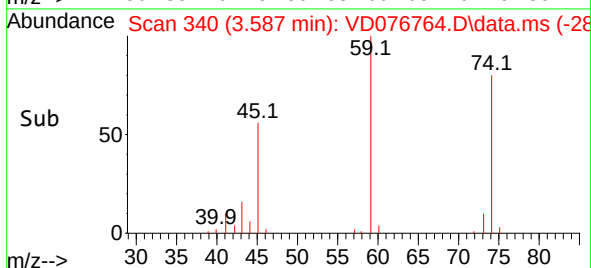
Reviewed By :John Carlone 07/18/2023
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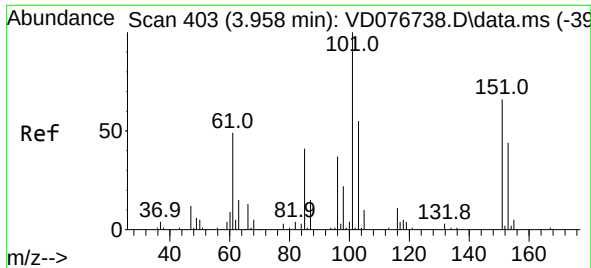


#8
 Diethyl Ether
 Concen: 48.506 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 48438
 Ion Ratio Lower Upper
 74 100
 45 78.1 37.5 112.7





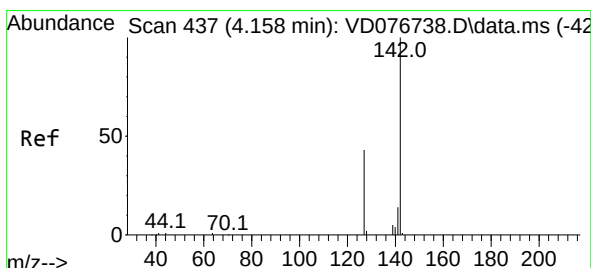
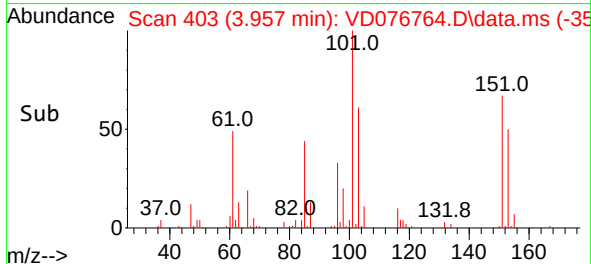
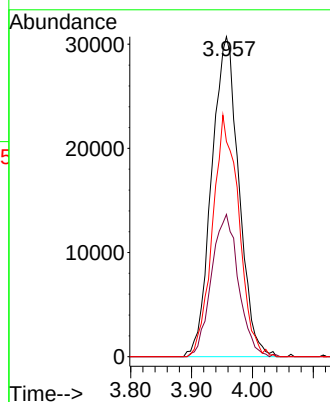
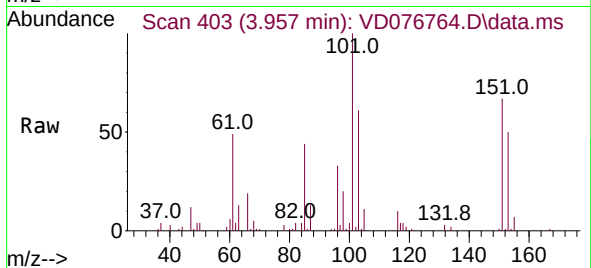
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.958 ug/l
RT: 3.957 min Scan# 403
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 9524
Ion Ratio Lower Upper
101 100
85 44.1 33.8 50.6
151 72.6 59.8 89.6

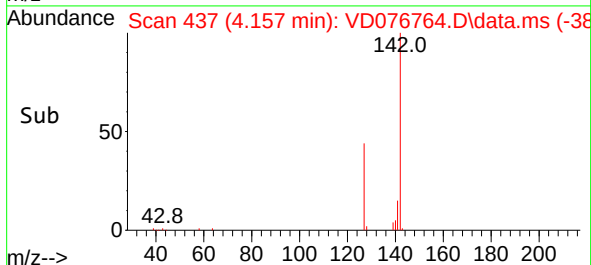
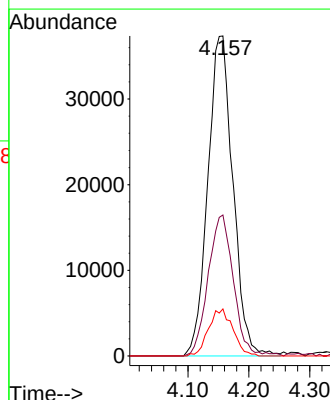
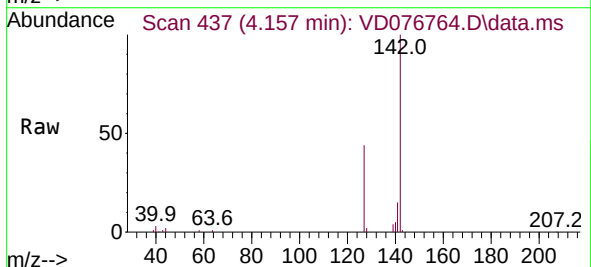
Manual Integrations
APPROVED

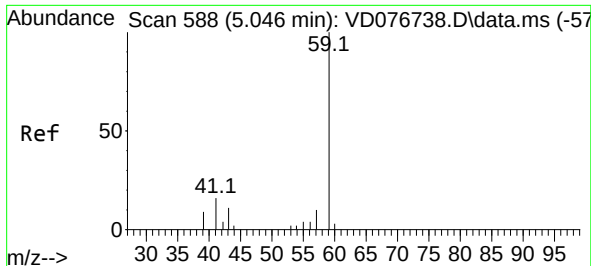
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#10
Methyl Iodide
Concen: 49.848 ug/l
RT: 4.157 min Scan# 437
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

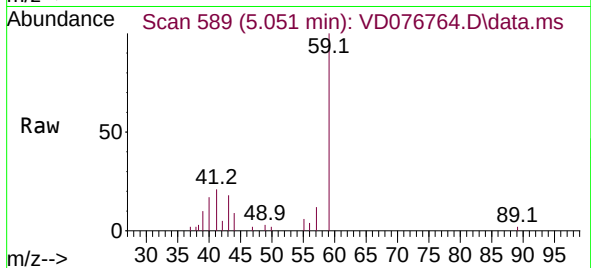
Tgt Ion:142 Resp: 107131
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 14.2 11.1 16.7





#11
Tert butyl alcohol
Concen: 238.746 ug/l
RT: 5.051 min Scan# 588
Delta R.T. 0.005 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

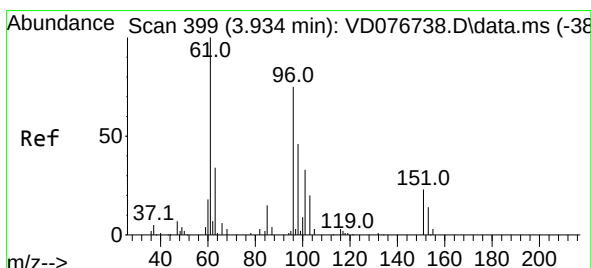
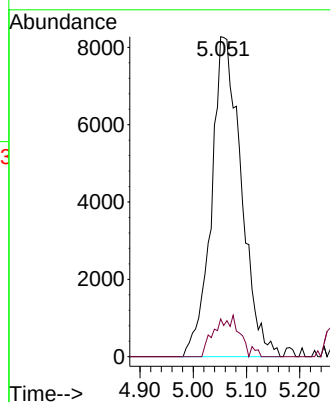
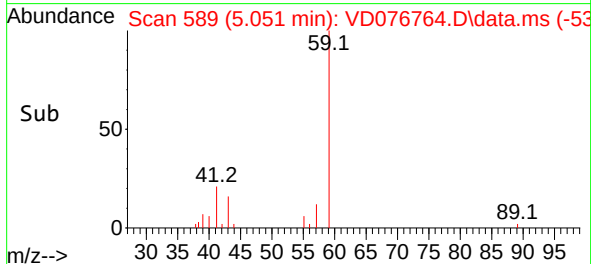
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



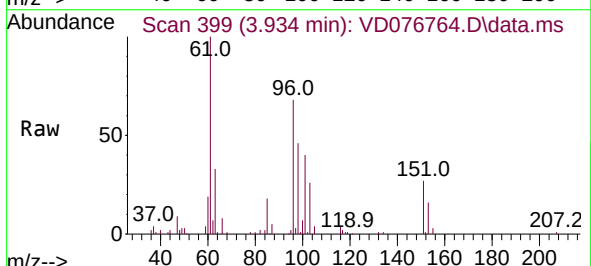
Tgt Ion: 59 Resp: 32160
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

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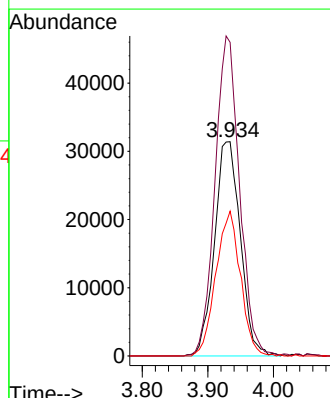
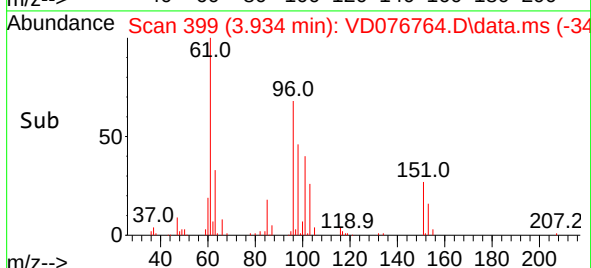
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

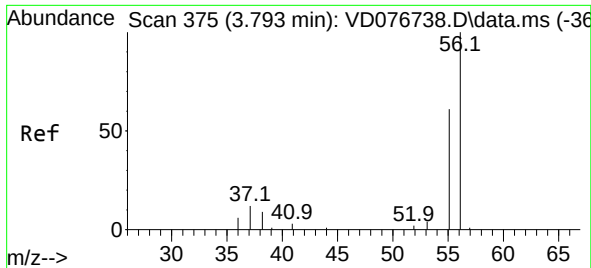


#12
1,1-Dichloroethene
Concen: 47.969 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



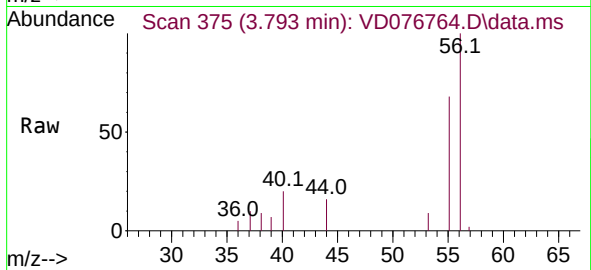
Tgt Ion: 96 Resp: 85924
Ion Ratio Lower Upper
96 100
61 146.4 100.6 150.8
98 67.6 50.2 75.2





#13
Acrolein
Concen: 157.810 ug/l
RT: 3.793 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

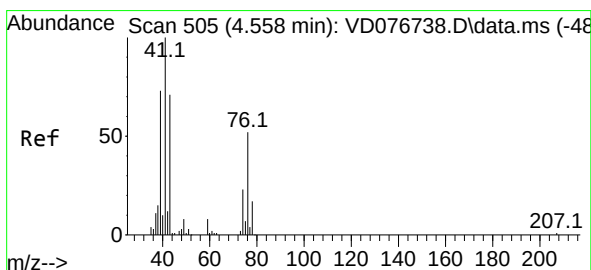
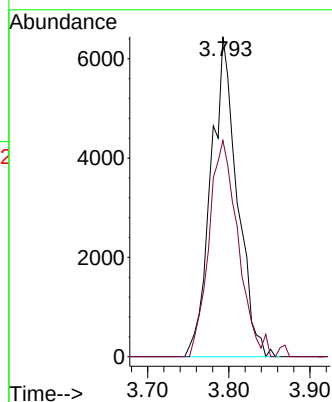
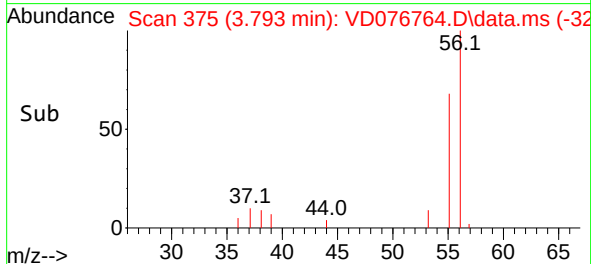
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14489
Ion Ratio Lower Upper
56 100
55 74.8 55.1 82.7

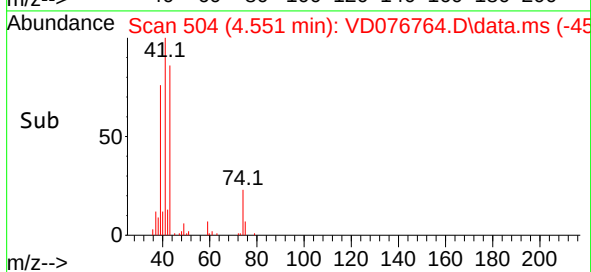
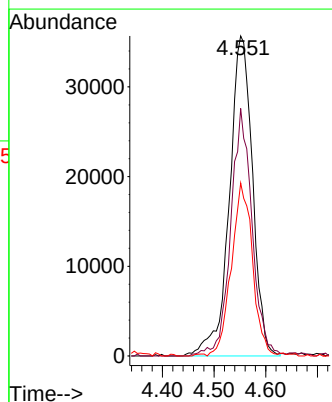
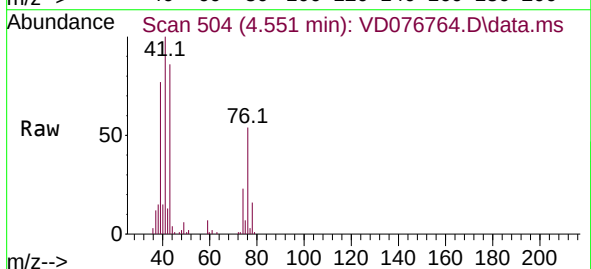
Manual Integrations
APPROVED

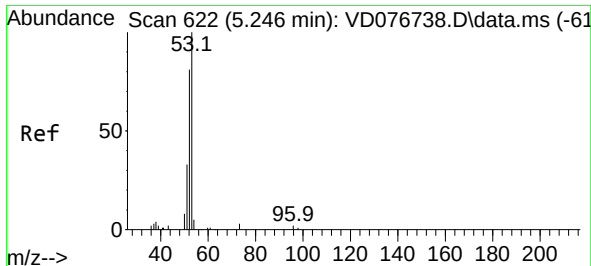
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#14
Allyl chloride
Concen: 47.189 ug/l
RT: 4.551 min Scan# 504
Delta R.T. -0.007 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

Tgt Ion: 41 Resp: 111038
Ion Ratio Lower Upper
41 100
39 71.3 53.8 80.6
76 49.2 45.8 68.8





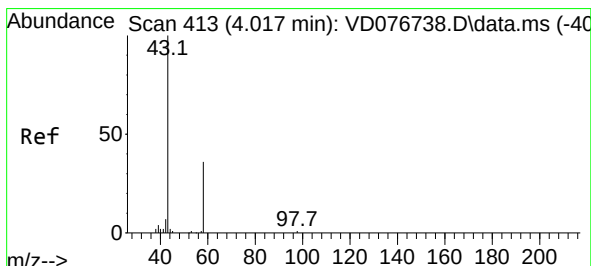
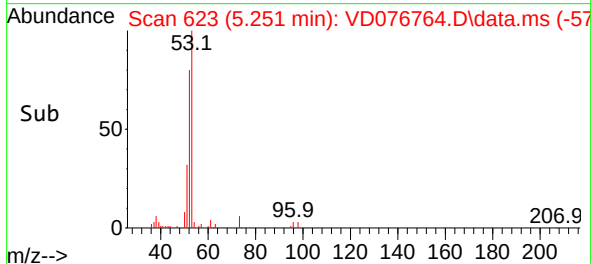
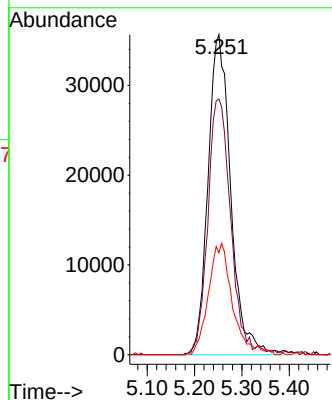
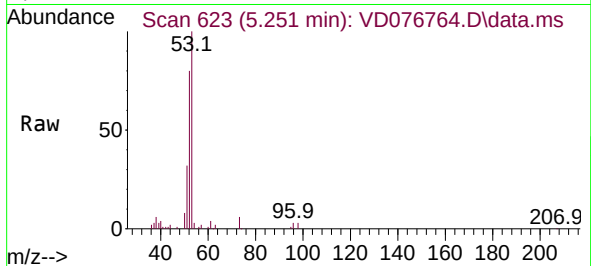
#15
Acrylonitrile
Concen: 241.819 ug/l
RT: 5.251 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 53 Resp: 11860
Ion Ratio Lower Upper
53 100
52 79.6 65.0 97.4
51 36.9 28.3 42.5

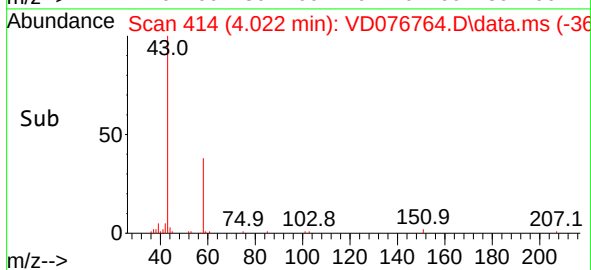
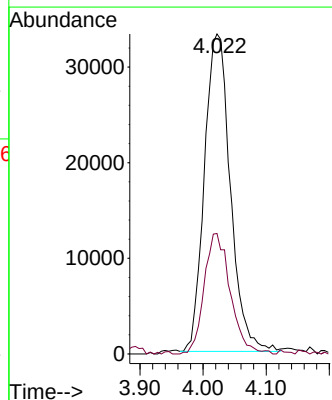
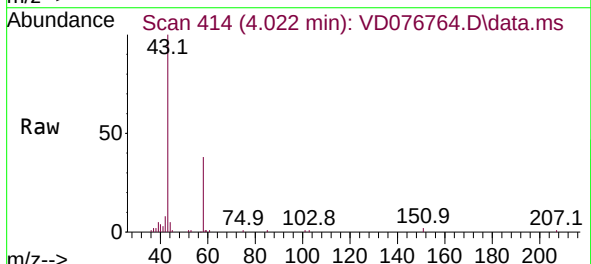
Manual Integrations
APPROVED

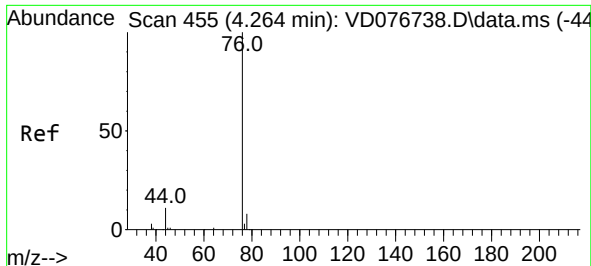
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#16
Acetone
Concen: 219.772 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

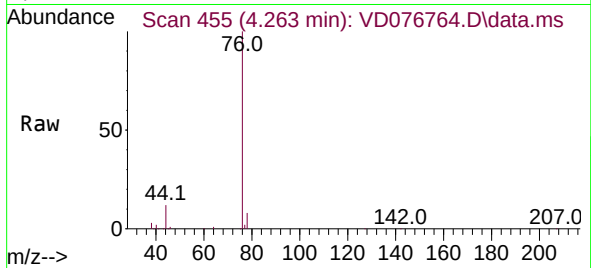
Tgt Ion: 43 Resp: 94764
Ion Ratio Lower Upper
43 100
58 37.9 34.7 52.1





#17
Carbon Disulfide
Concen: 48.856 ug/l
RT: 4.263 min Scan# 455
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

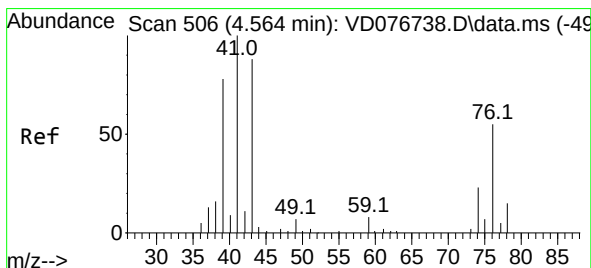
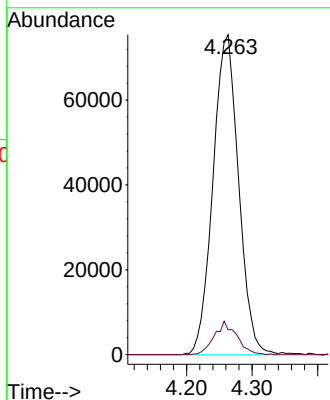
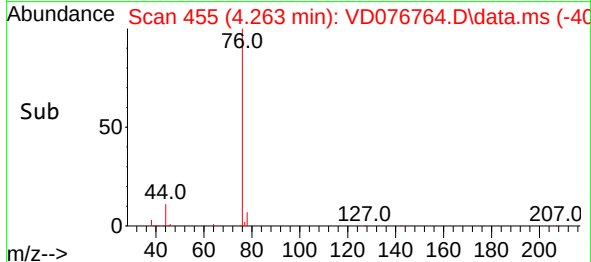
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 204390
Ion Ratio Lower Upper
76 100
78 7.8 6.8 10.2

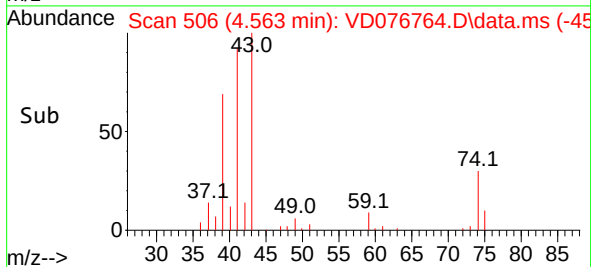
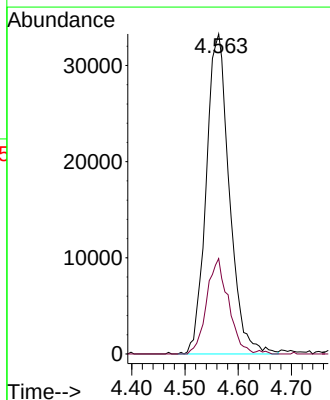
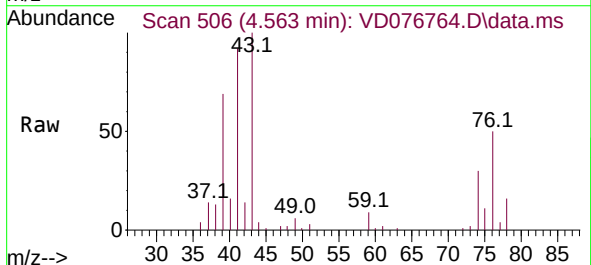
Manual Integrations
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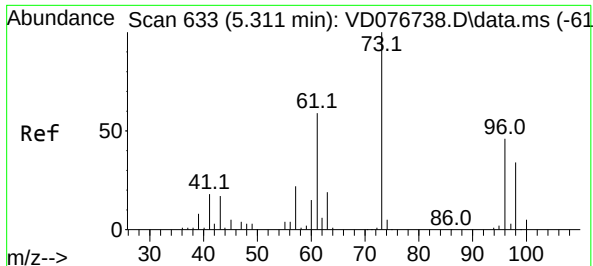
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#18
Methyl Acetate
Concen: 62.012 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

Tgt Ion: 43 Resp: 100462
Ion Ratio Lower Upper
43 100
74 28.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 48.362 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.001 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 73 Resp: 232310

Ion Ratio Lower Upper

73 100

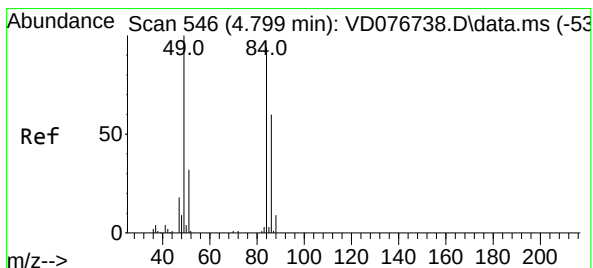
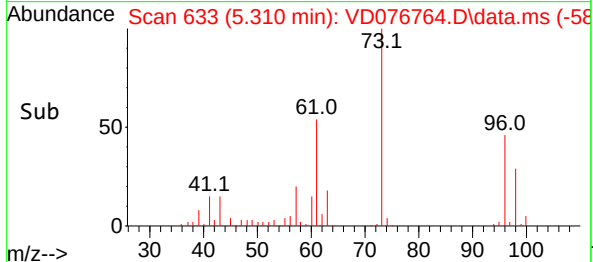
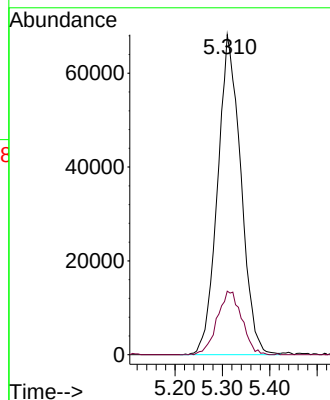
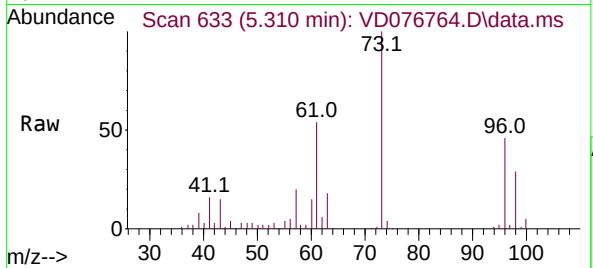
57 19.8 16.6 25.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#20

Methylene Chloride

Concen: 55.141 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Tgt Ion: 84 Resp: 138859

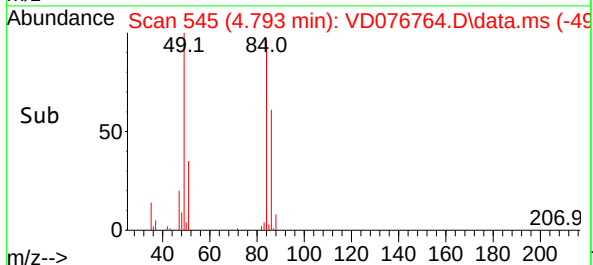
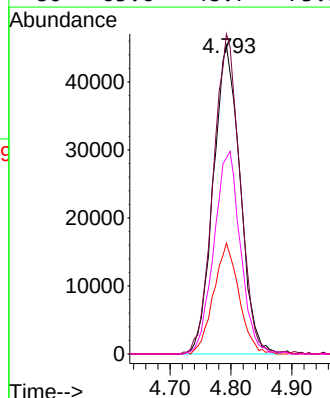
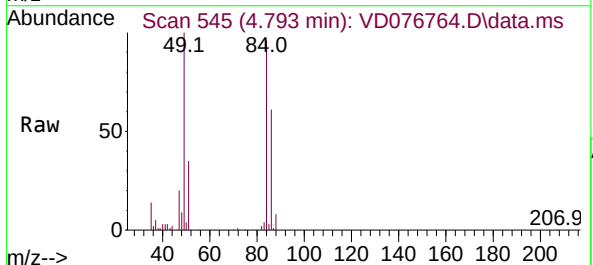
Ion Ratio Lower Upper

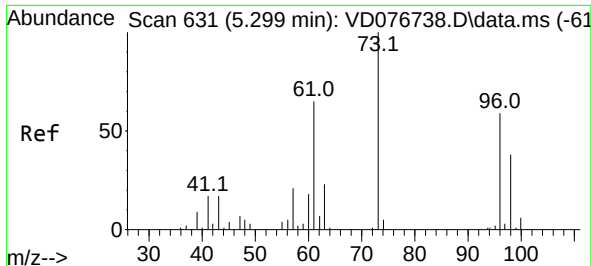
84 100

49 103.8 71.4 107.2

51 36.0 24.5 36.7

86 63.6 48.7 73.1





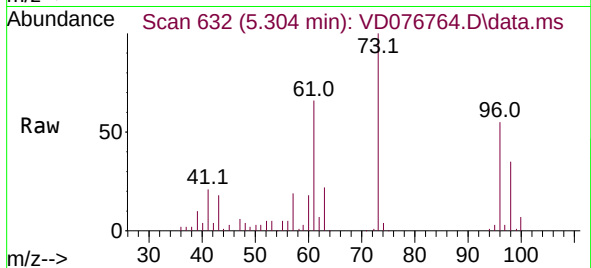
#21
trans-1,2-Dichloroethene
Concen: 48.744 ug/l
RT: 5.304 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC



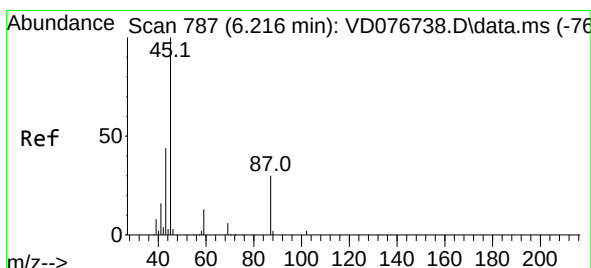
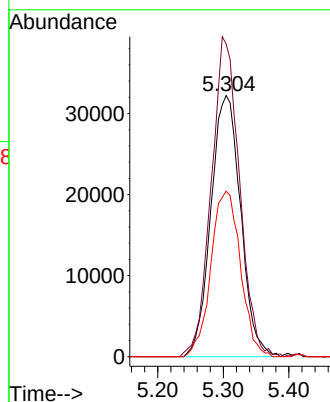
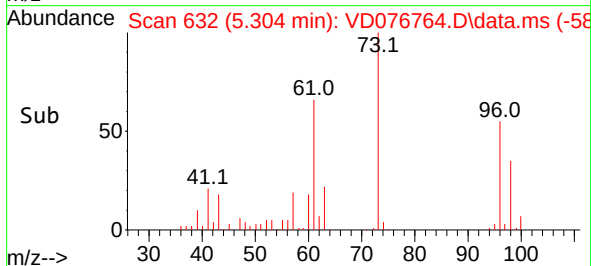
Tgt Ion: 96 Resp: 101490
Ion Ratio Lower Upper
96 100
61 119.8 89.3 133.9
98 63.4 48.6 73.0

Manual Integrations

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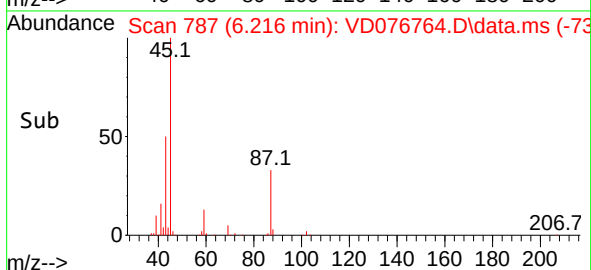
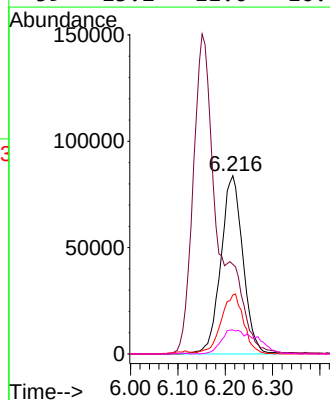
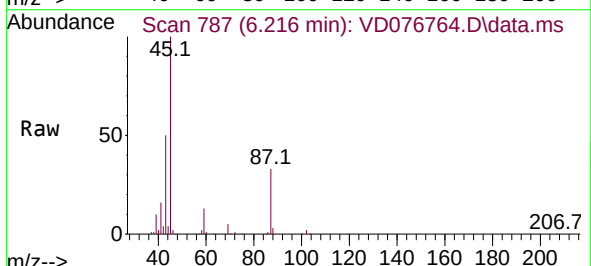
Reviewed By :John Carlone 07/18/2023

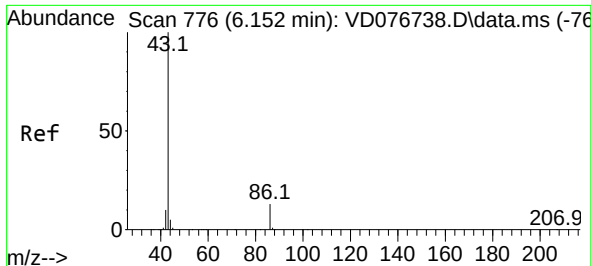
Supervised By :Mahesh Dadoda 07/18/2023



#22
Diisopropyl ether
Concen: 48.677 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

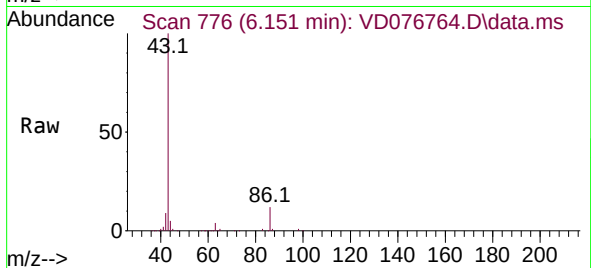
Tgt Ion: 45 Resp: 271228
Ion Ratio Lower Upper
45 100
43 49.3 40.0 60.0
87 33.1 28.2 42.4
59 13.2 11.0 16.4





#23
 Vinyl Acetate
 Concen: 204.987 ug/l m
 RT: 6.151 min Scan# 776
 Delta R.T. -0.001 min
 Lab File: VD076764.D
 Acq: 17 Jul 2023 19:45

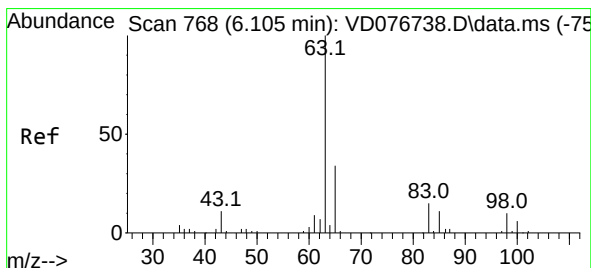
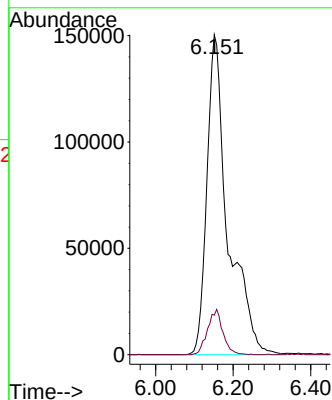
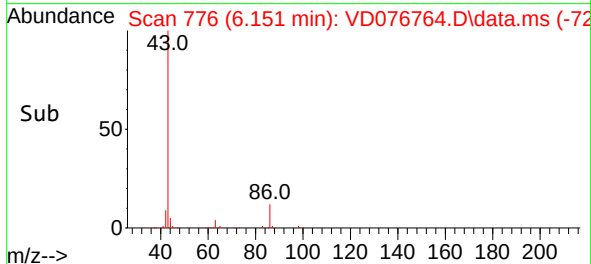
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 565139
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7

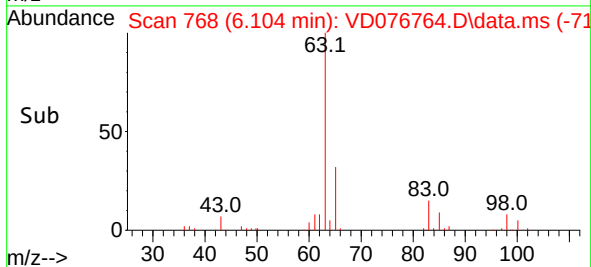
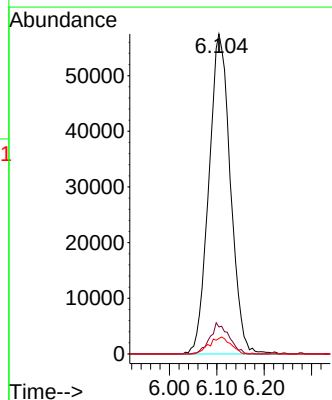
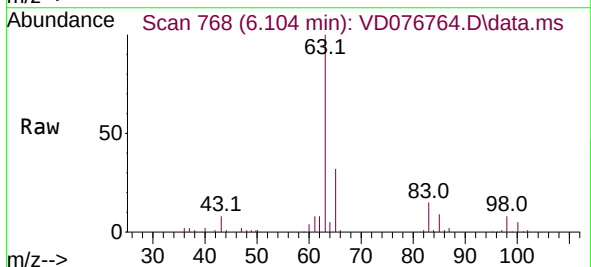
Manual Integrations
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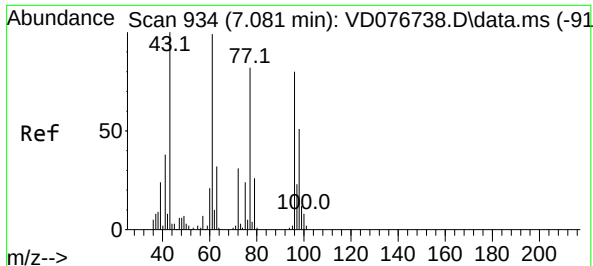
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#24
 1,1-Dichloroethane
 Concen: 48.397 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.001 min
 Lab File: VD076764.D
 Acq: 17 Jul 2023 19:45

Tgt Ion: 63 Resp: 181821
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 4.9 2.5 7.5





#25

2-Butanone

Concen: 236.585 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 136530

Ion Ratio Lower Upper

43 100

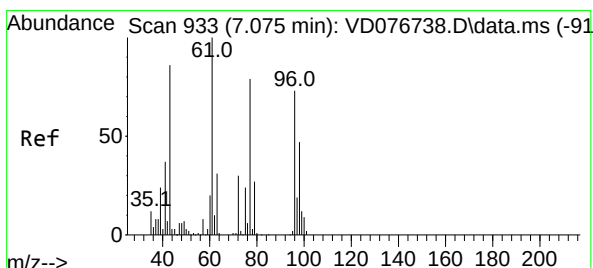
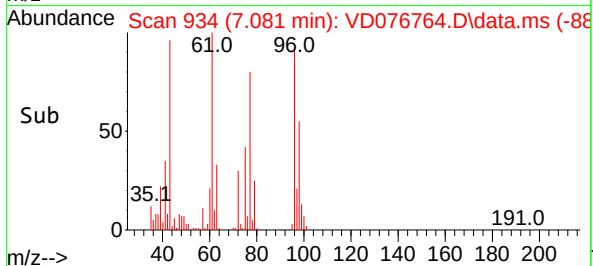
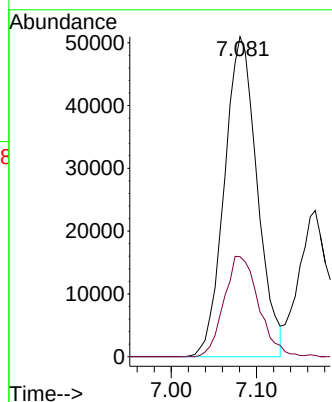
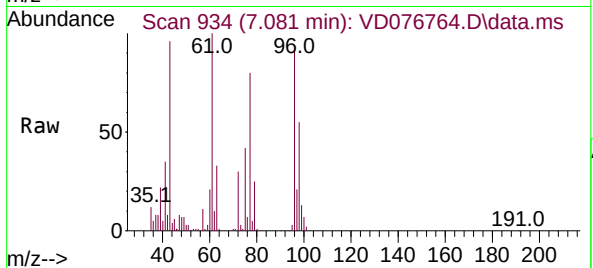
72 31.3 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#26

2,2-Dichloropropane

Concen: 43.592 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076764.D

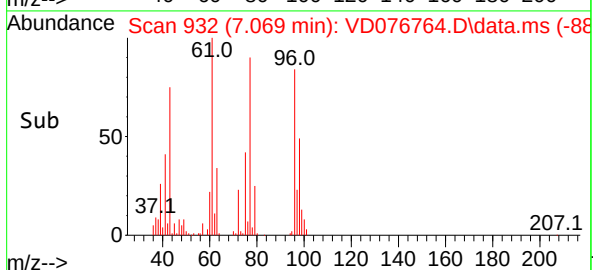
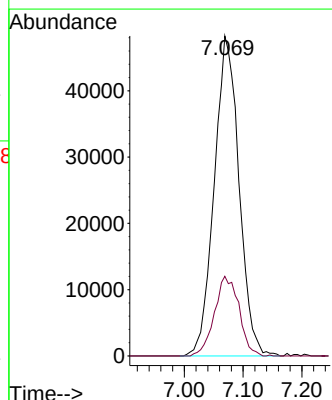
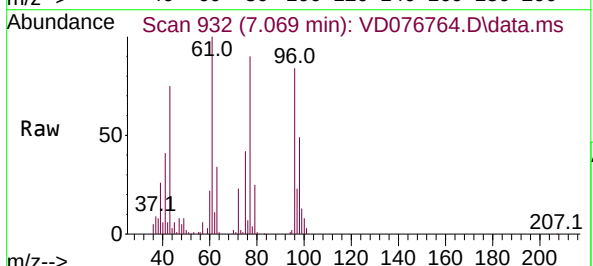
Acq: 17 Jul 2023 19:45

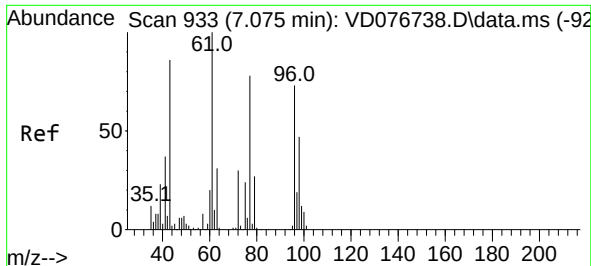
Tgt Ion: 77 Resp: 141171

Ion Ratio Lower Upper

77 100

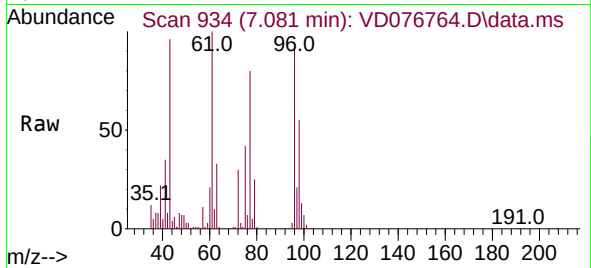
97 24.7 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 51.231 ug/l
 RT: 7.081 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VD076764.D
 Acq: 17 Jul 2023 19:45

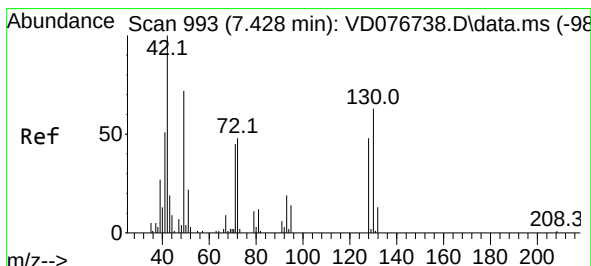
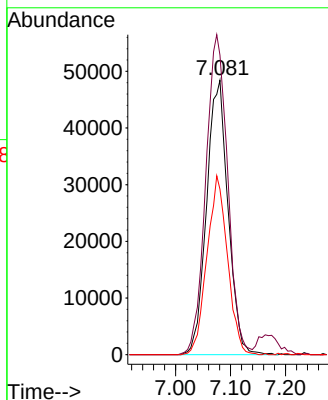
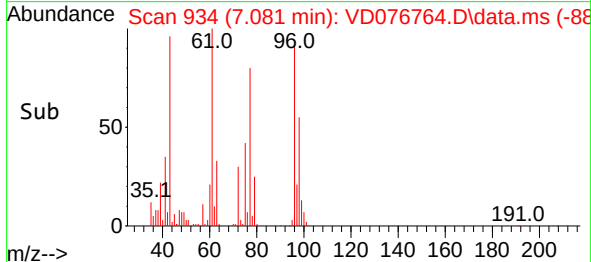
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 131498
 Ion Ratio Lower Upper
 96 100
 61 118.9 0.0 239.2
 98 62.3 0.0 128.6

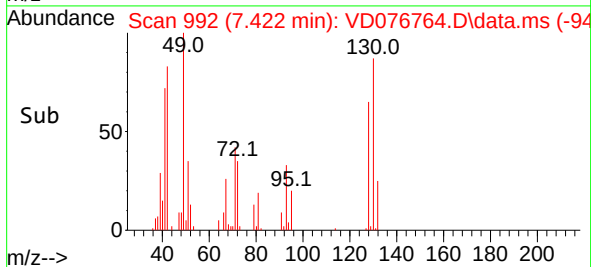
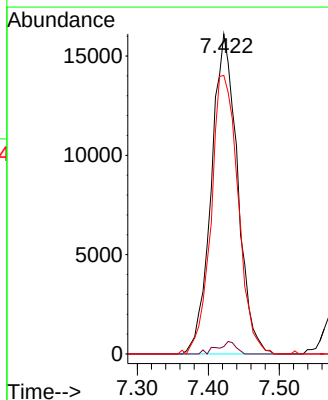
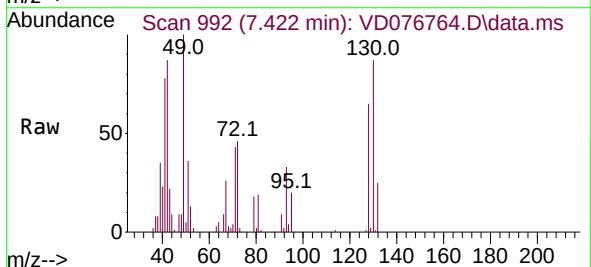
Manual Integrations
 APPROVED

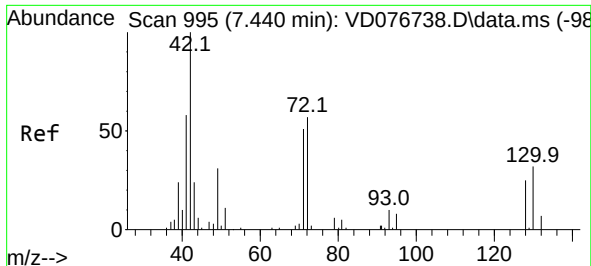
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#28
 Bromochloromethane
 Concen: 43.939 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076764.D
 Acq: 17 Jul 2023 19:45

Tgt Ion: 49 Resp: 41270
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 6.0
 130 89.5 83.2 124.8





#29

Tetrahydrofuran

Concen: 247.542 ug/l

RT: 7.445 min Scan# 995

Delta R.T. 0.005 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

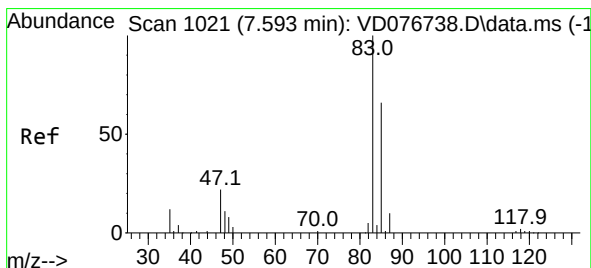
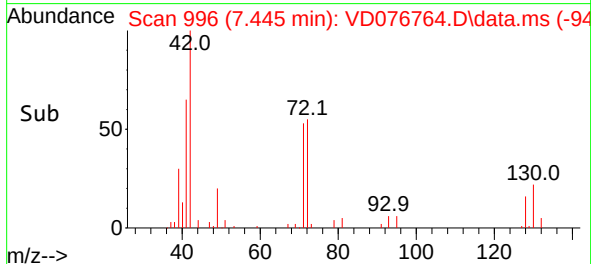
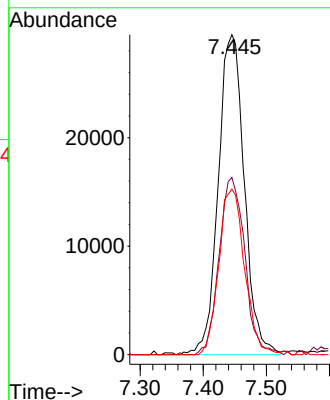
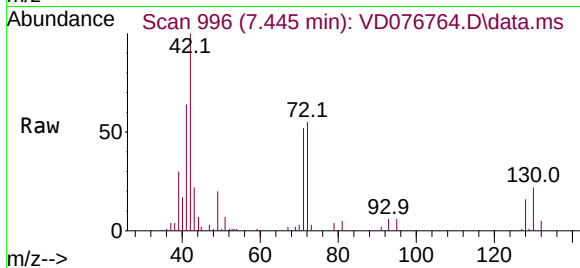
Tgt Ion:	42	Resp:	8440
Ion Ratio	Lower	Upper	
42	100		
72	54.5	46.5	69.7
71	51.2	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#30

Chloroform

Concen: 49.947 ug/l

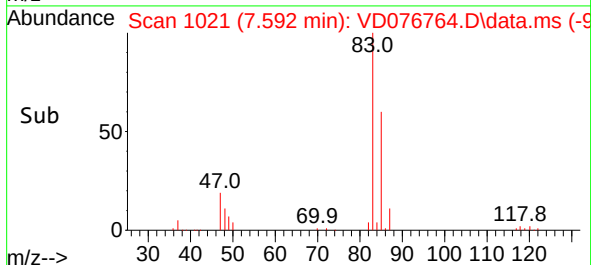
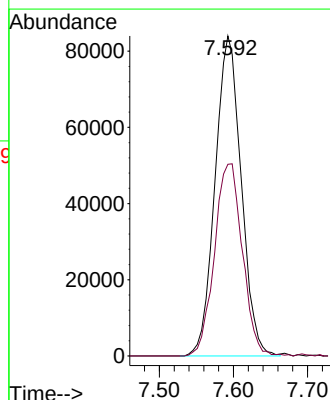
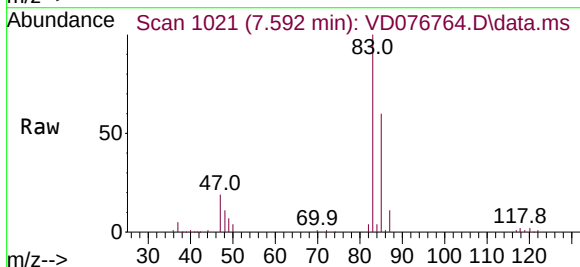
RT: 7.592 min Scan# 1021

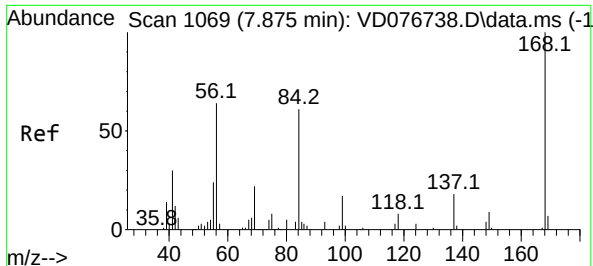
Delta R.T. -0.001 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Tgt Ion:	83	Resp:	205519
Ion Ratio	Lower	Upper	
83	100		
85	59.9	53.4	80.2





#31

Cyclohexane

Concen: 46.758 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.006 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 12424

Ion Ratio Lower Upper

56 100

69 32.9 28.6 43.0

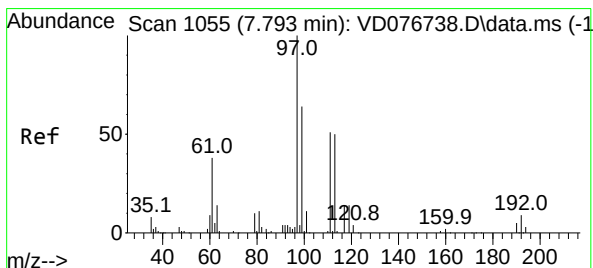
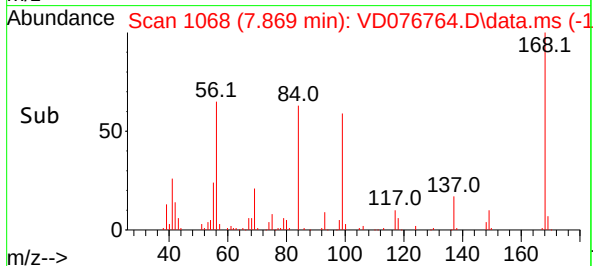
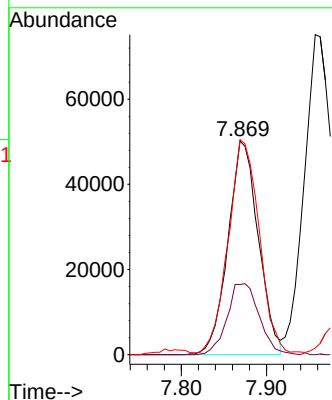
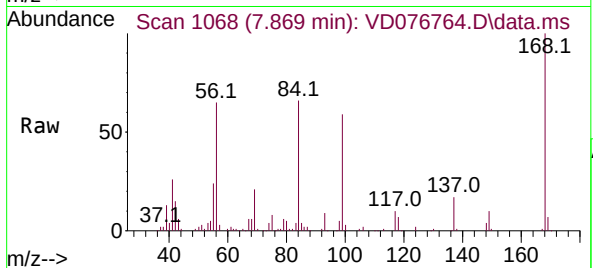
84 98.6 84.8 127.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#32

1,1,1-Trichloroethane

Concen: 50.645 ug/l

RT: 7.792 min Scan# 1055

Delta R.T. -0.001 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

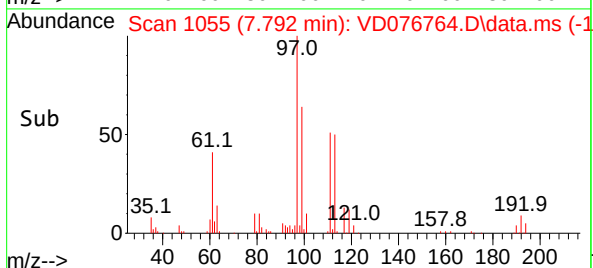
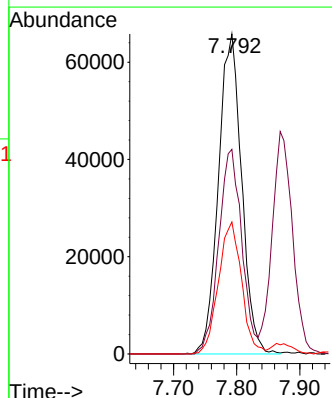
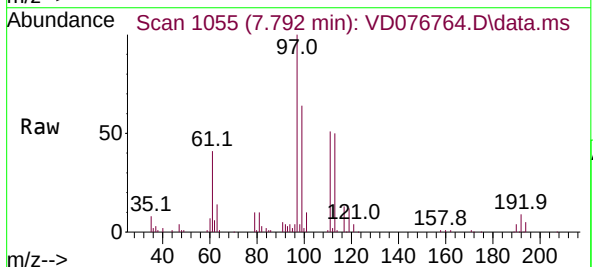
Tgt Ion: 97 Resp: 168135

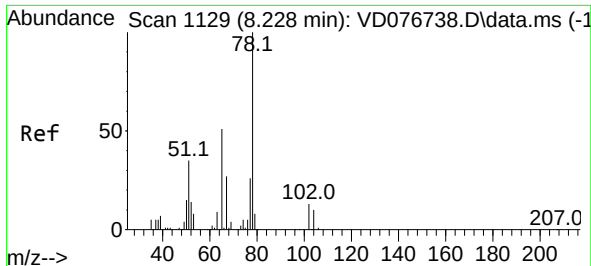
Ion Ratio Lower Upper

97 100

99 63.7 52.0 78.0

61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.233 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 85279

Ion Ratio Lower Upper

65 100

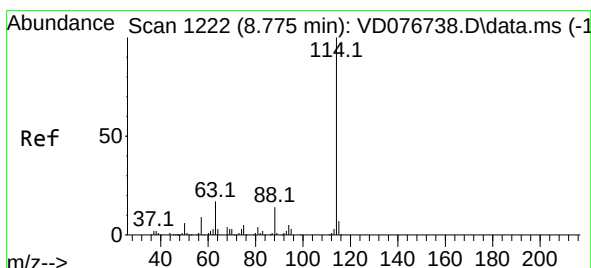
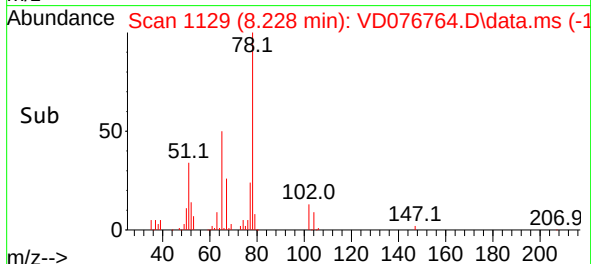
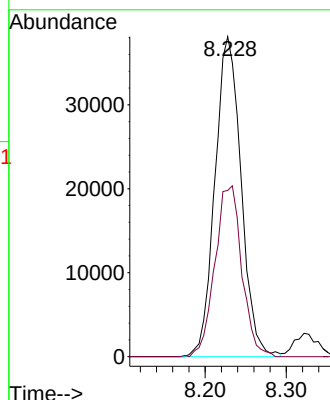
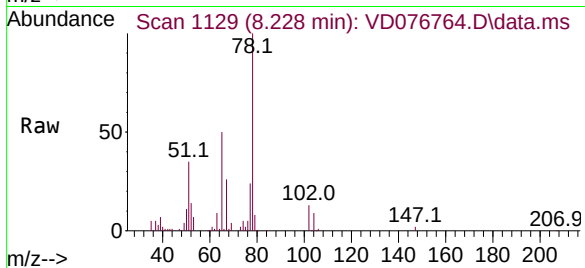
67 55.0 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

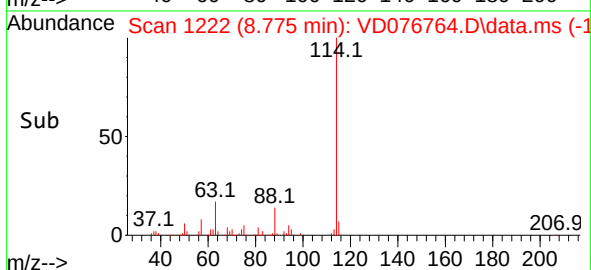
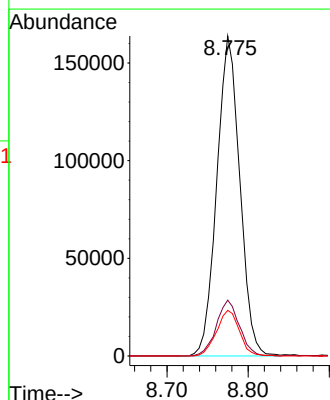
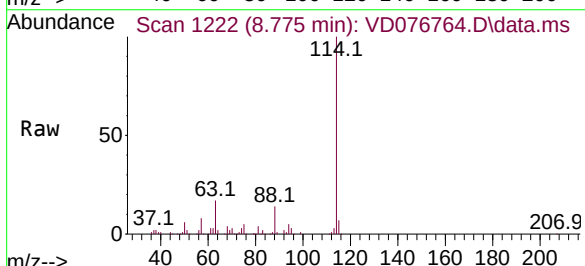
Tgt Ion:114 Resp: 322171

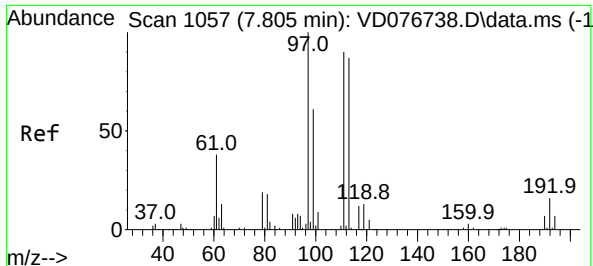
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 50.286 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 101800

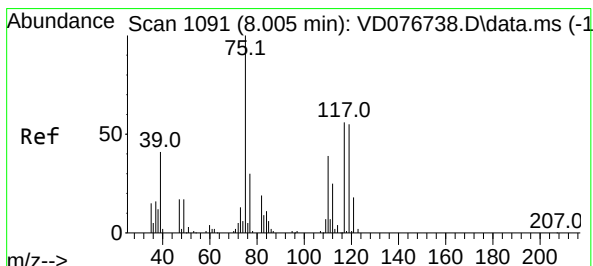
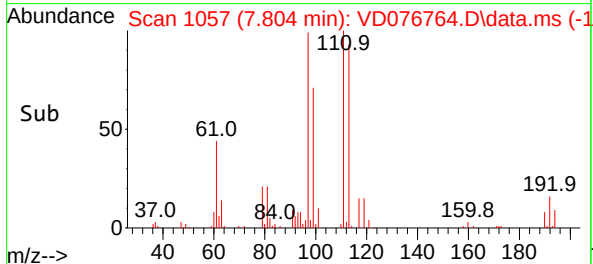
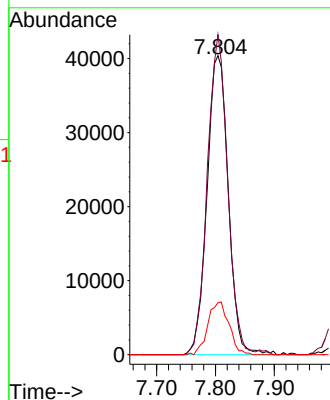
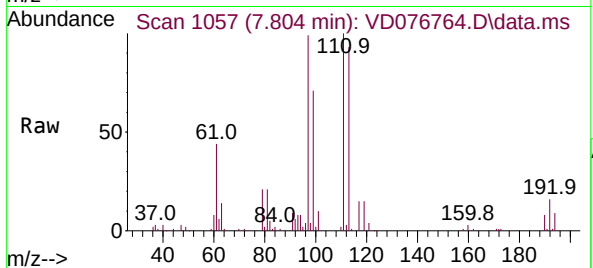
Ion	Ratio	Lower	Upper
113	100		
111	101.8	84.7	127.1
192	17.5	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#36

1,1-Dichloropropene

Concen: 51.301 ug/l

RT: 8.004 min Scan# 1091

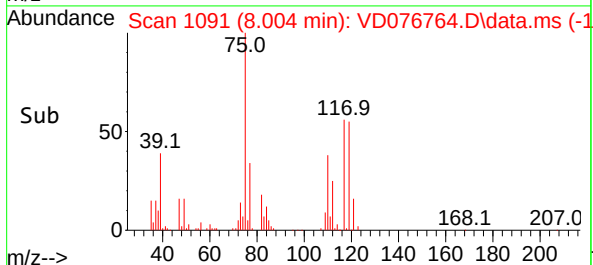
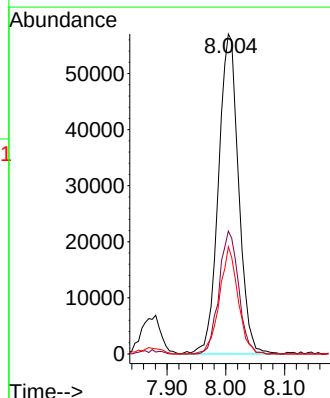
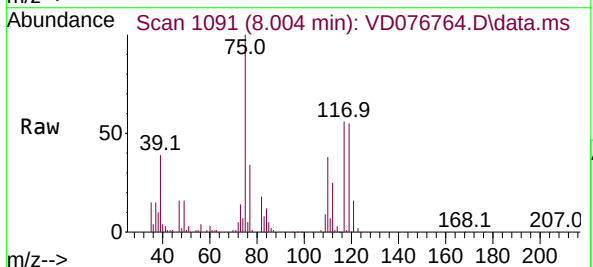
Delta R.T. -0.001 min

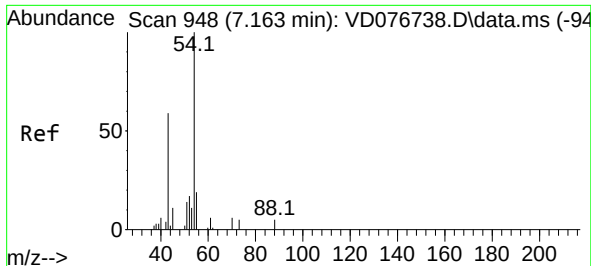
Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Tgt Ion: 75 Resp: 135717

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





#37

Ethyl Acetate

Concen: 51.448 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

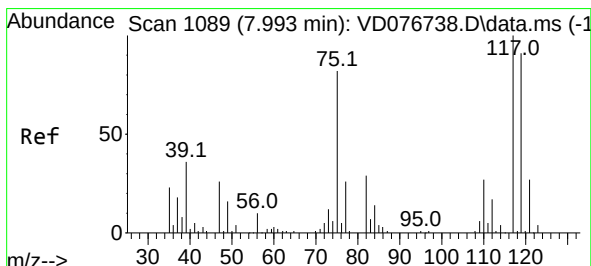
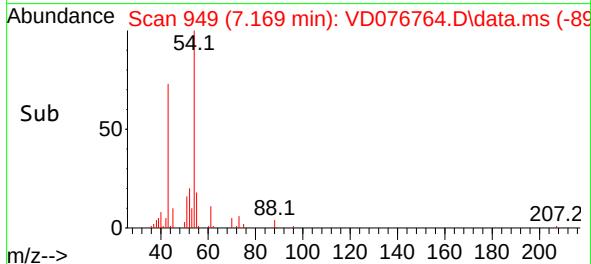
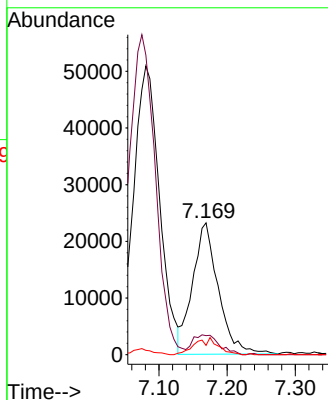
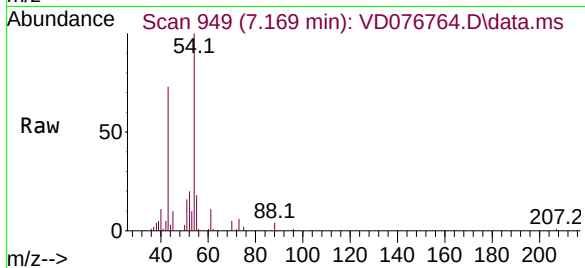
Tgt Ion:	43	Resp:	60869
Ion	Ratio	Lower	Upper
43	100		
61	15.5	14.9	22.3
70	6.3	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#38

Carbon Tetrachloride

Concen: 51.691 ug/l

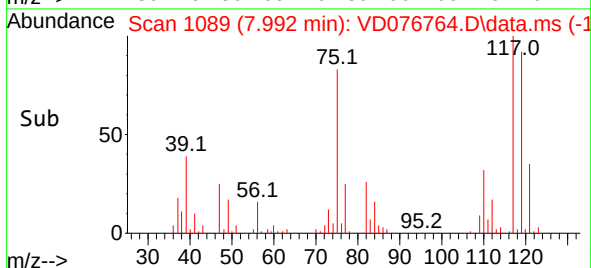
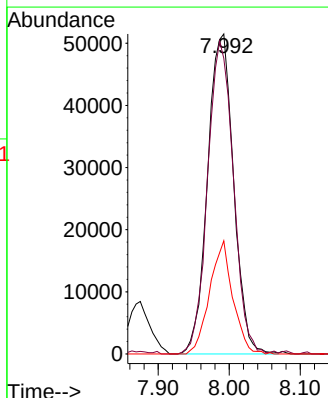
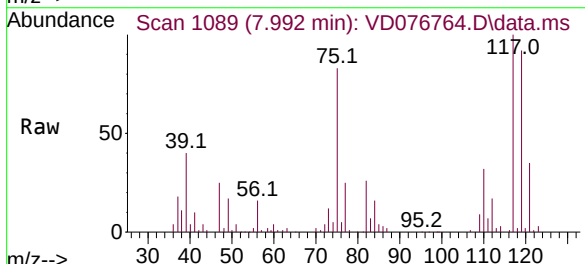
RT: 7.992 min Scan# 1089

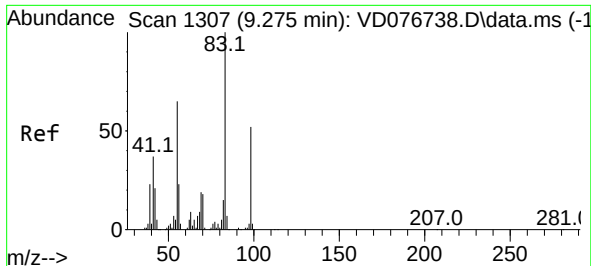
Delta R.T. -0.001 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Tgt Ion:	117	Resp:	130941
Ion	Ratio	Lower	Upper
117	100		
119	92.4	78.0	117.0
121	35.4	24.2	36.2





#39

Methylcyclohexane

Concen: 51.684 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

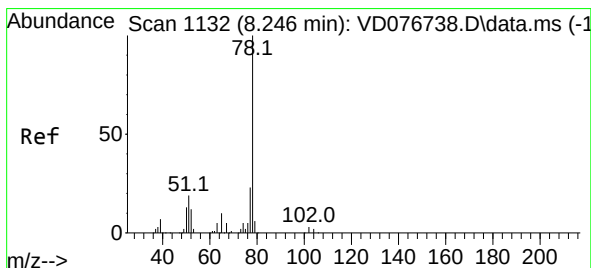
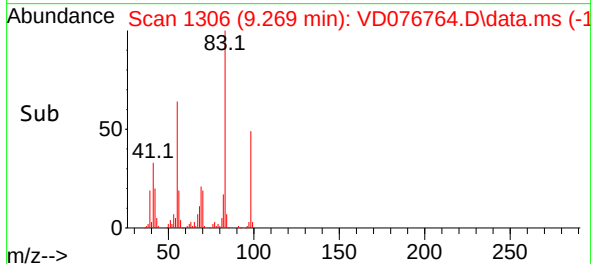
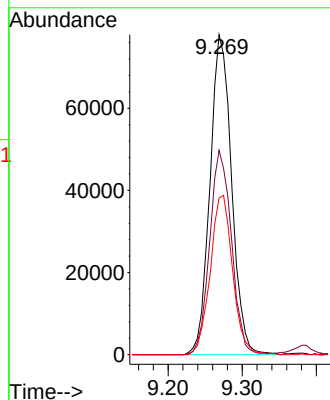
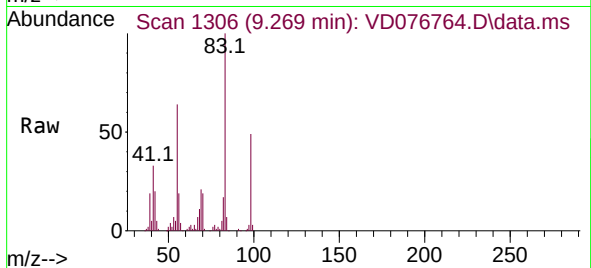
Tgt Ion: 83	Resp: 15787
Ion Ratio	Lower Upper
83 100	
55 63.9	49.4 74.0
98 49.0	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#40

Benzene

Concen: 50.706 ug/l

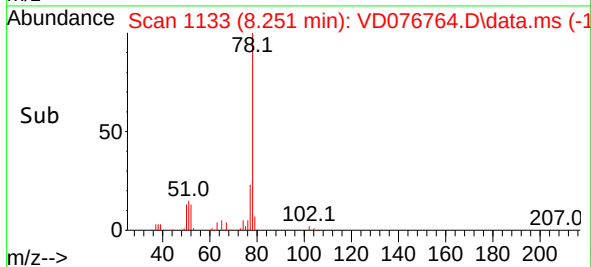
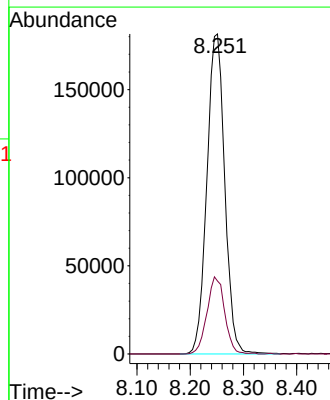
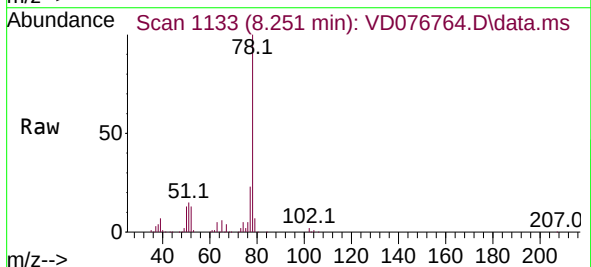
RT: 8.251 min Scan# 1133

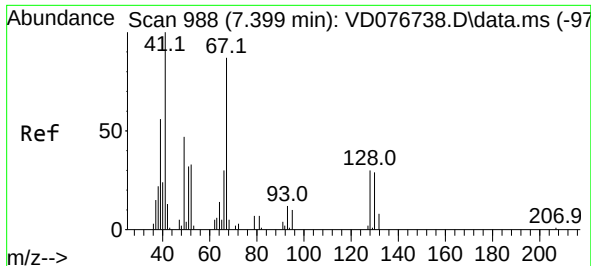
Delta R.T. 0.005 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

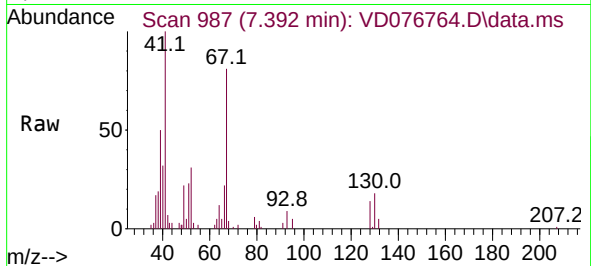
Tgt Ion: 78	Resp: 423261
Ion Ratio	Lower Upper
78 100	
77 22.8	19.4 29.0





#41
Methacrylonitrile
Concen: 47.959 ug/l
RT: 7.392 min Scan# 987
Delta R.T. -0.007 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

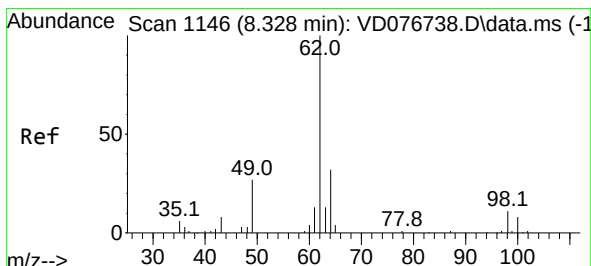
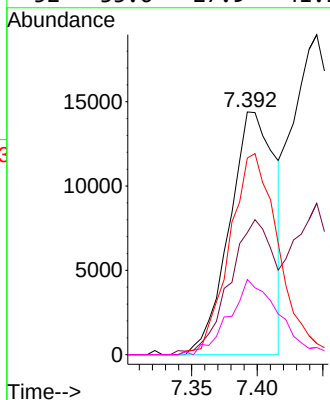
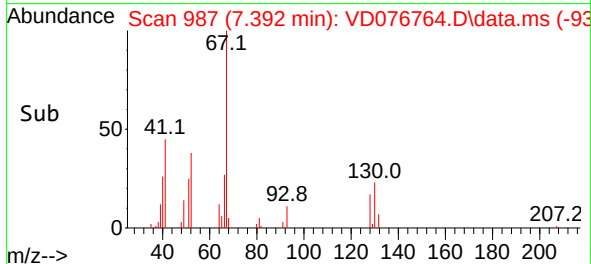
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



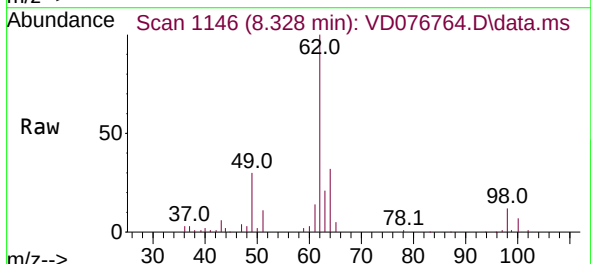
Tgt Ion: 41 Resp: 34649
Ion Ratio Lower Upper
41 100
39 54.4 34.0 51.0
67 89.4 77.0 115.4
52 33.6 27.9 41.9

Manual Integrations
APPROVED

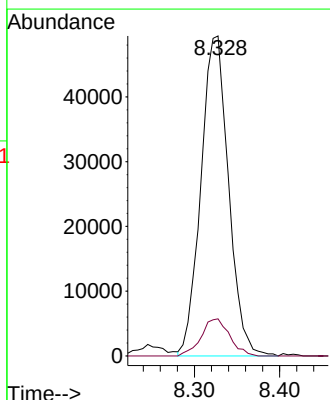
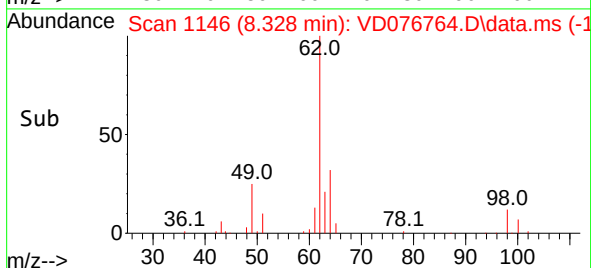
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

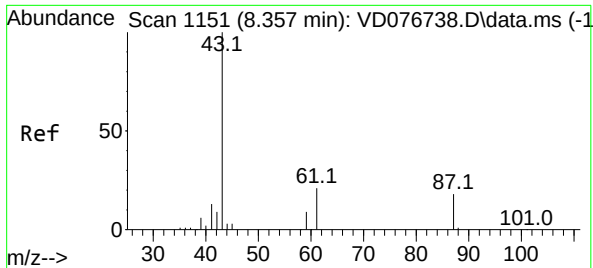


#42
1,2-Dichloroethane
Concen: 51.434 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



Tgt Ion: 62 Resp: 111553
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4





#43

Isopropyl Acetate

Concen: 49.706 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 114769

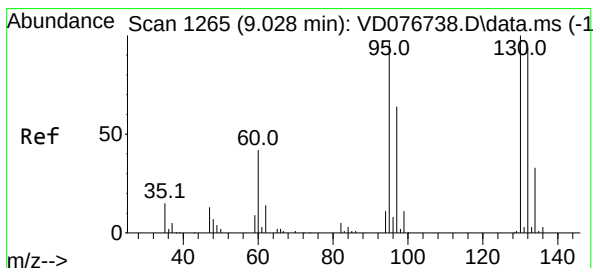
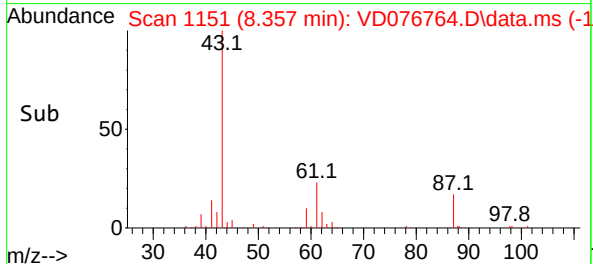
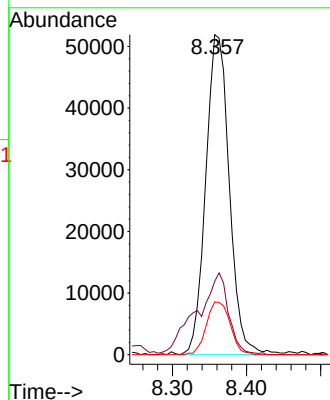
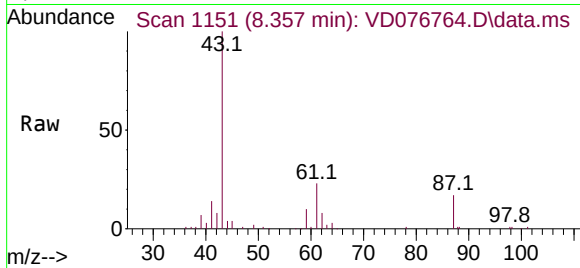
Ion	Ratio	Lower	Upper
43	100		
61	34.6	31.4	47.0
87	16.6	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#44

Trichloroethene

Concen: 48.699 ug/l

RT: 9.028 min Scan# 1265

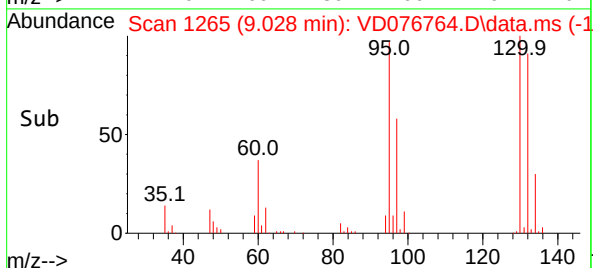
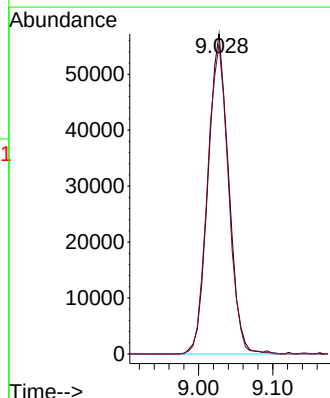
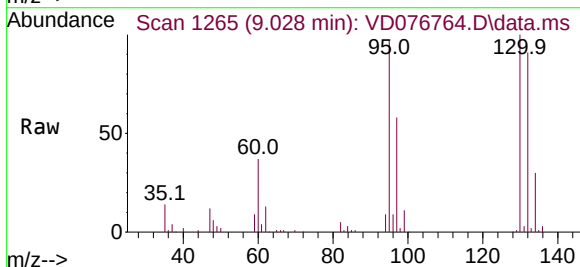
Delta R.T. -0.000 min

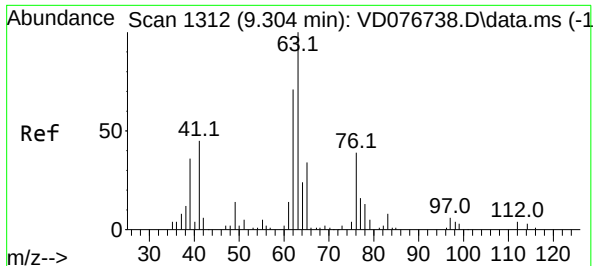
Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Tgt Ion:130 Resp: 110774

Ion	Ratio	Lower	Upper
130	100		
95	96.8	0.0	179.2





#45

1,2-Dichloropropane

Concen: 50.693 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 109230

Ion Ratio Lower Upper

63 100

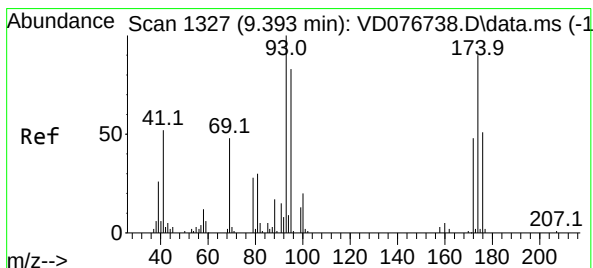
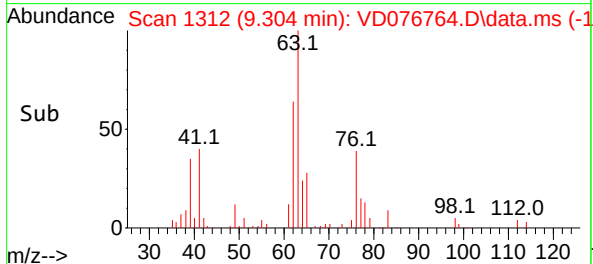
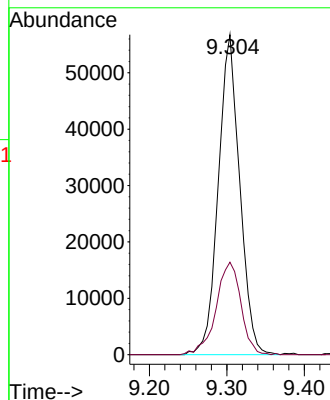
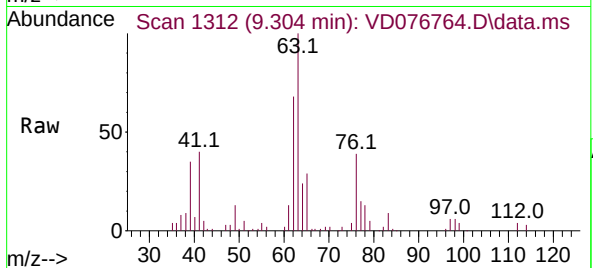
65 28.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#46

Dibromomethane

Concen: 51.104 ug/l

RT: 9.392 min Scan# 1327

Delta R.T. -0.001 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

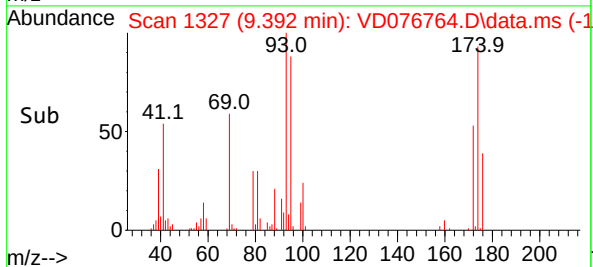
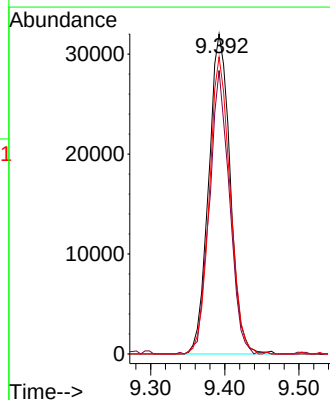
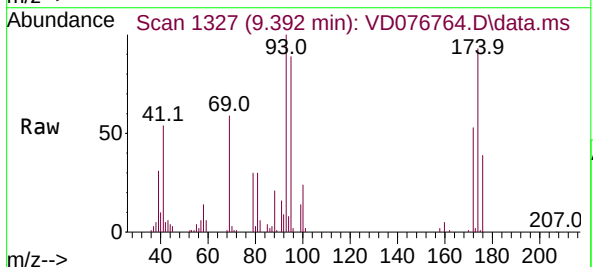
Tgt Ion: 93 Resp: 64455

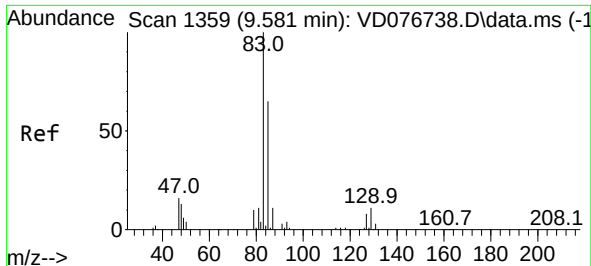
Ion Ratio Lower Upper

93 100

95 83.0 67.7 101.5

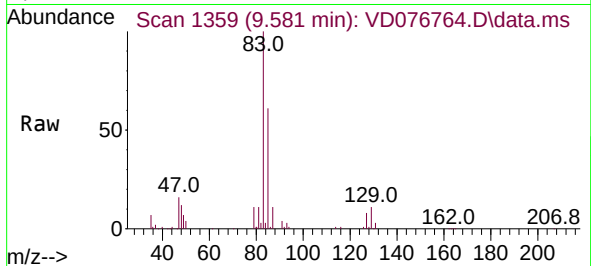
174 89.7 85.4 128.2





#47
Bromodichloromethane
Concen: 50.636 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

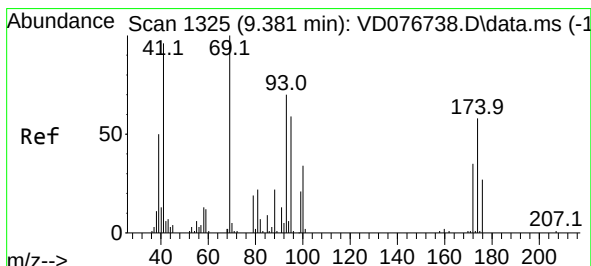
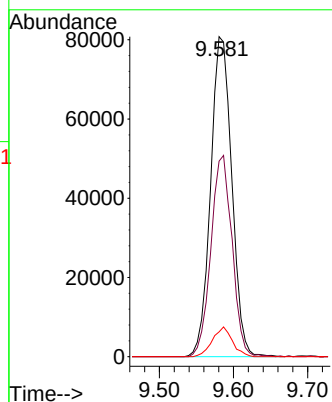
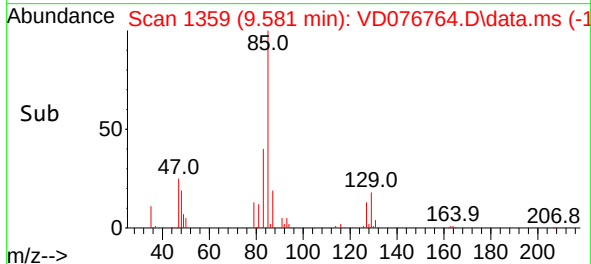
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



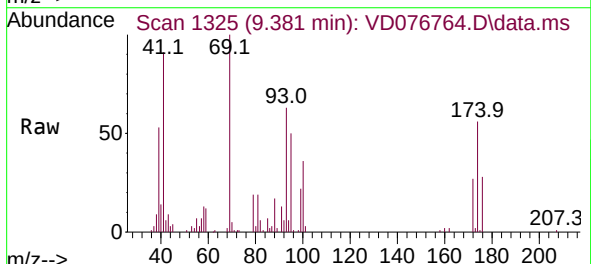
Tgt Ion: 83 Resp: 160260
Ion Ratio Lower Upper
83 100
85 61.1 50.2 75.4
127 7.8 6.3 9.5

Manual Integrations
APPROVED

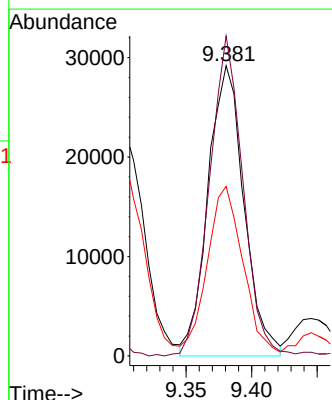
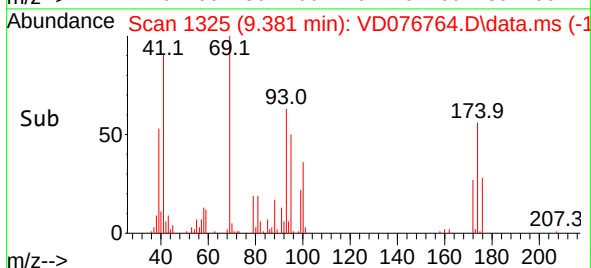
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

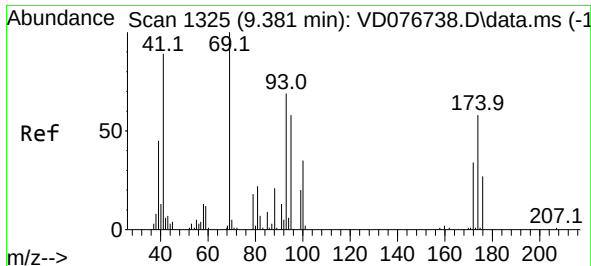


#48
Methyl methacrylate
Concen: 53.018 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



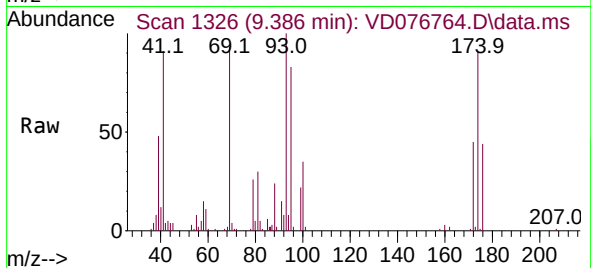
Tgt Ion: 41 Resp: 55716
Ion Ratio Lower Upper
41 100
69 102.3 102.2 153.2
39 58.5 41.4 62.2





#49
1,4-Dioxane
Concen: 970.154 ug/l
RT: 9.386 min Scan# 1325
Delta R.T. 0.005 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

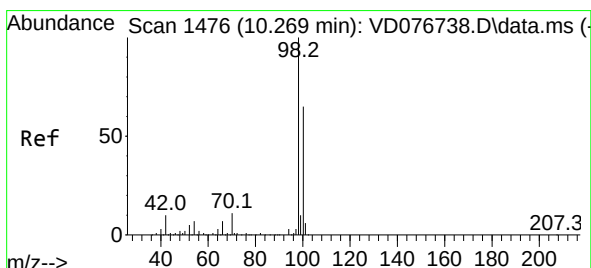
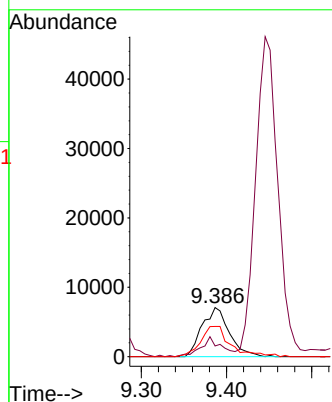
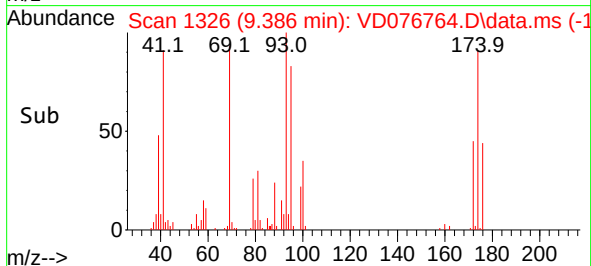
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



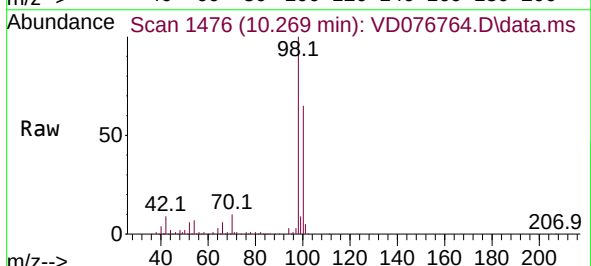
Tgt Ion: 88 Resp: 1567
Ion Ratio Lower Upper
88 100
43 30.7 19.0 28.6
58 67.6 43.5 65.3

Manual Integrations
APPROVED

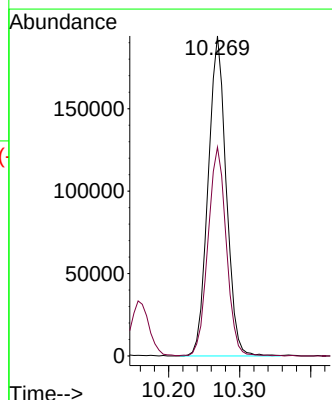
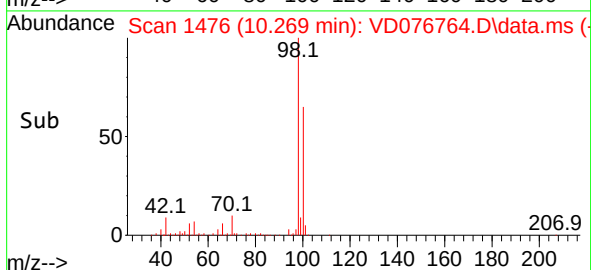
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

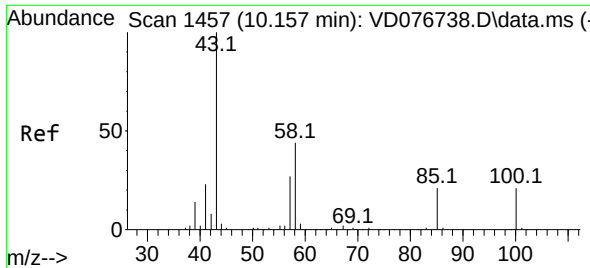


#50
Toluene-d8
Concen: 47.411 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



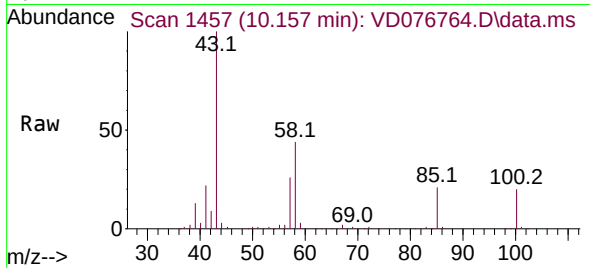
Tgt Ion: 98 Resp: 343380
Ion Ratio Lower Upper
98 100
100 66.1 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 253.726 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

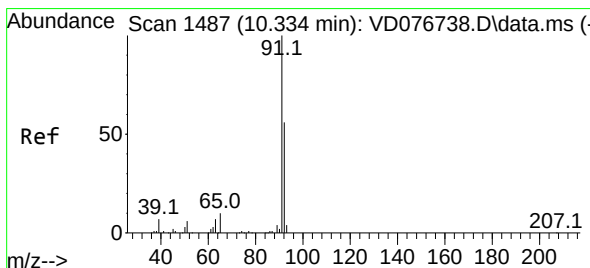
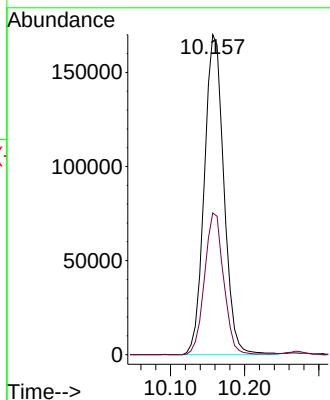
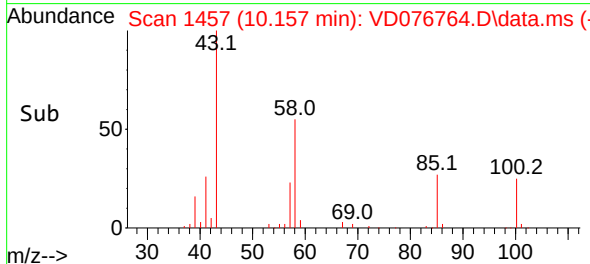
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



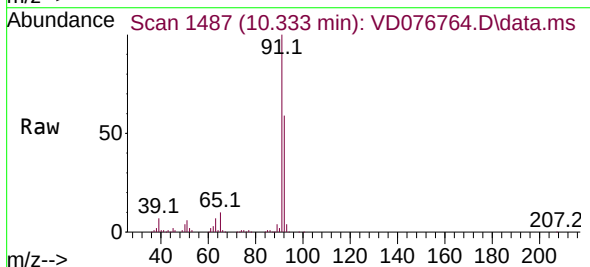
Tgt Ion: 43 Resp: 311920
Ion Ratio Lower Upper
43 100
58 43.2 38.9 58.3

Manual Integrations
APPROVED

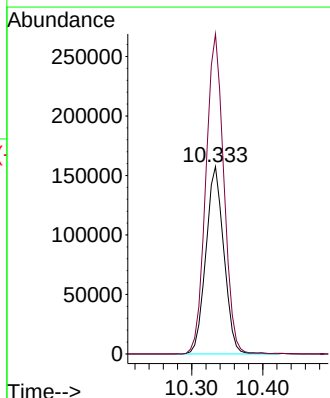
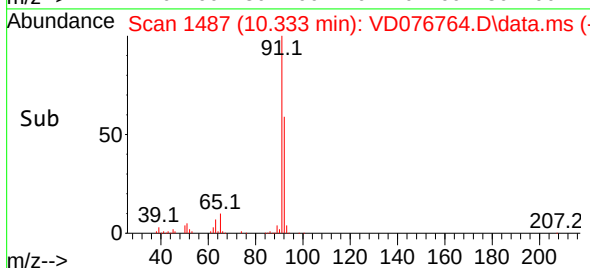
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

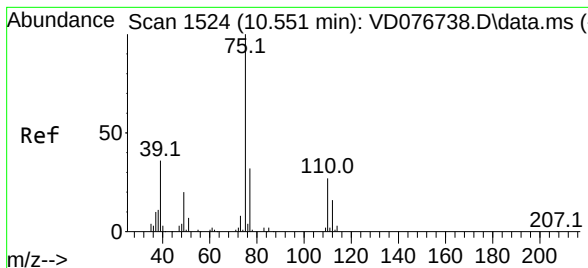


#52
Toluene
Concen: 50.457 ug/l
RT: 10.333 min Scan# 1487
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



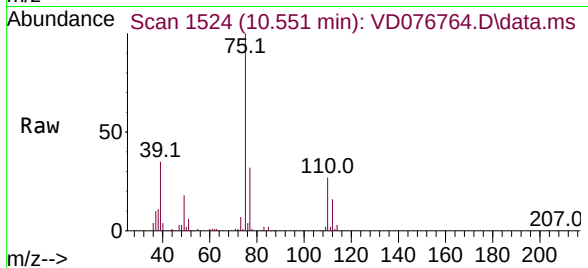
Tgt Ion: 92 Resp: 276621
Ion Ratio Lower Upper
92 100
91 171.3 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 49.417 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD076764.D
 Acq: 17 Jul 2023 19:45

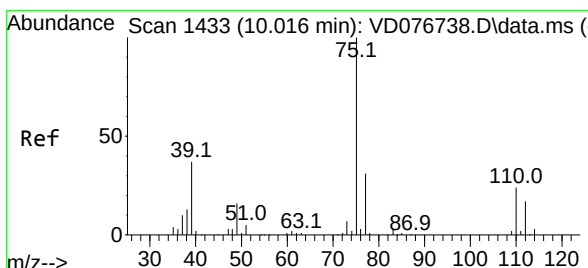
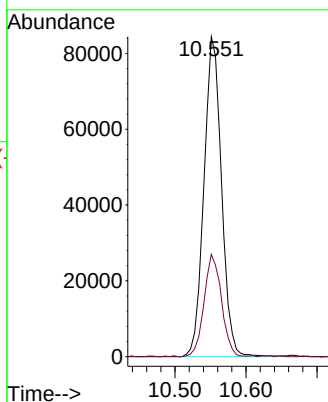
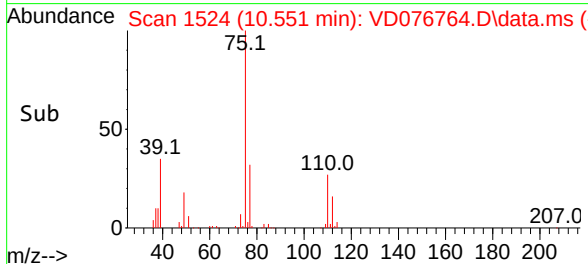
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 75 Resp: 145170
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9

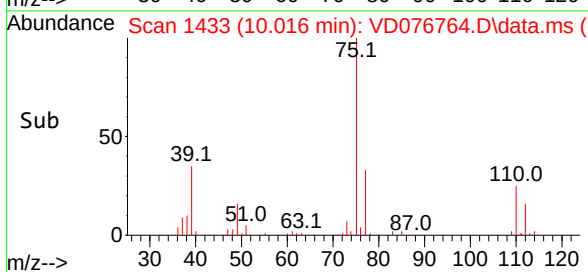
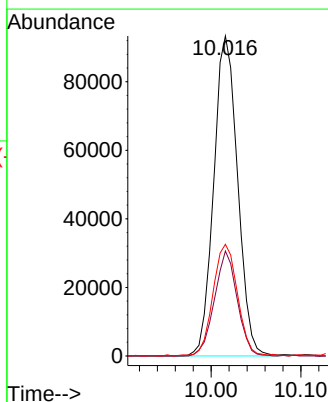
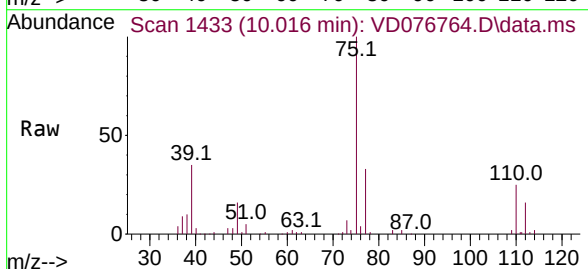
Manual Integrations
 APPROVED

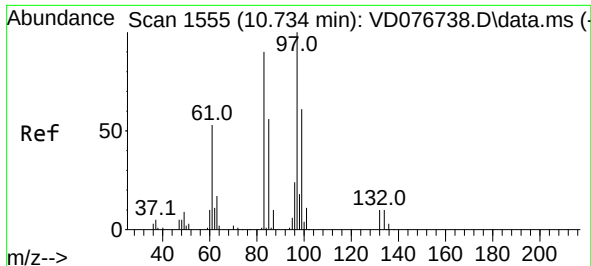
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#54
 cis-1,3-Dichloropropene
 Concen: 49.764 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD076764.D
 Acq: 17 Jul 2023 19:45

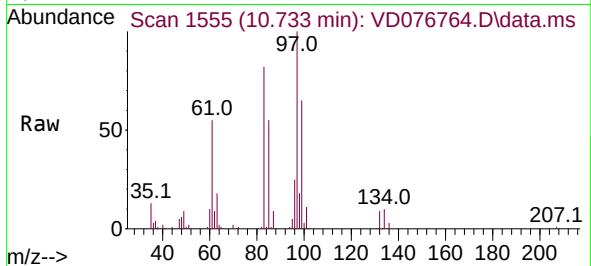
Tgt Ion: 75 Resp: 172298
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.5 38.3
 39 34.7 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 51.311 ug/l
RT: 10.733 min Scan# 1555
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

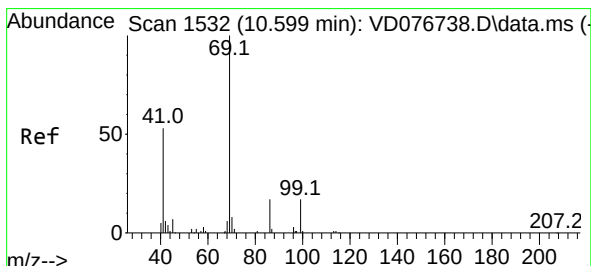
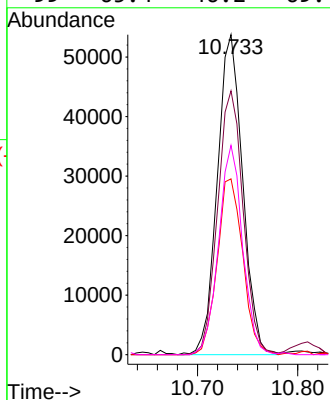
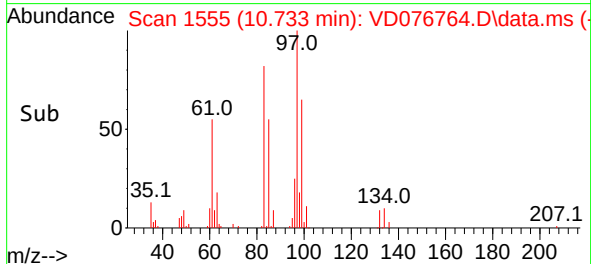
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



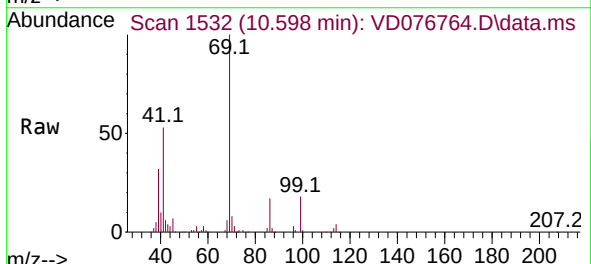
Tgt Ion:	97	Resp:	9450
Ion Ratio	Lower	Upper	
97	100		
83	82.4	65.8	98.6
85	54.9	45.7	68.5
99	65.4	46.2	69.4

Manual Integrations
APPROVED

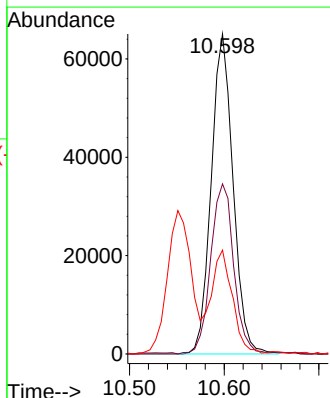
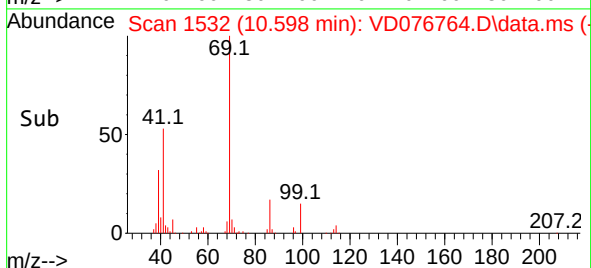
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

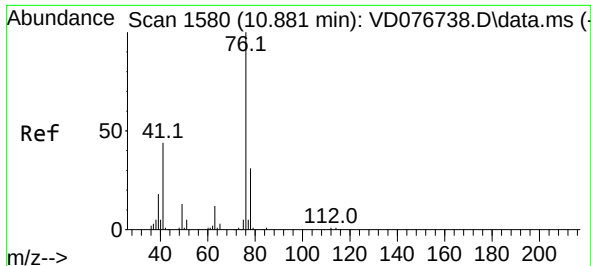


#56
Ethyl methacrylate
Concen: 49.067 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



Tgt Ion:	69	Resp:	104304
Ion Ratio	Lower	Upper	
69	100		
41	56.5	39.1	58.7
39	31.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 49.795 ug/l

RT: 10.880 min Scan# 1580

Delta R.T. -0.001 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 149352

Ion Ratio Lower Upper

76 100

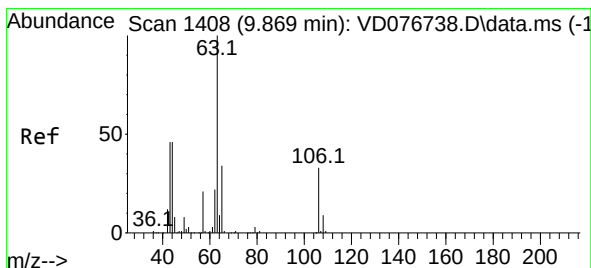
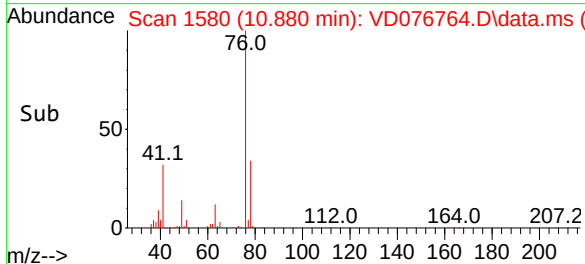
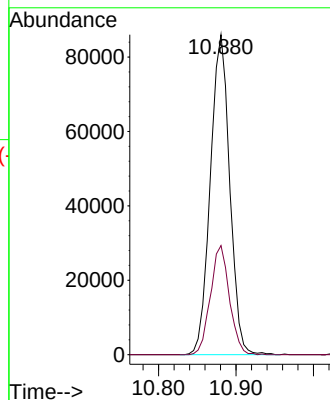
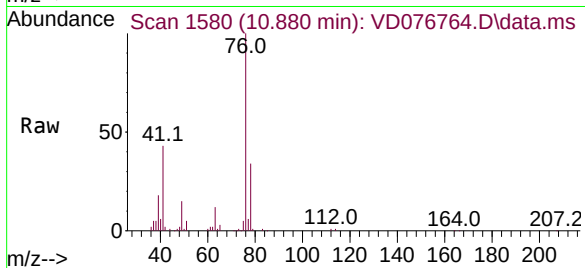
78 33.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#58

2-Chloroethyl Vinyl ether

Concen: 239.925 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD076764.D

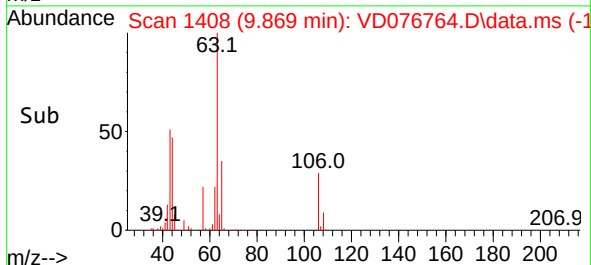
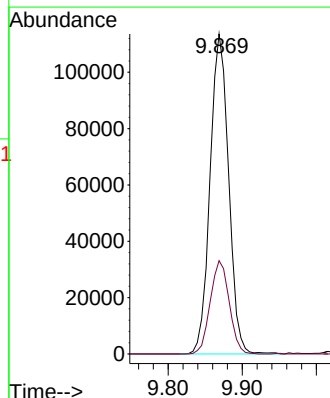
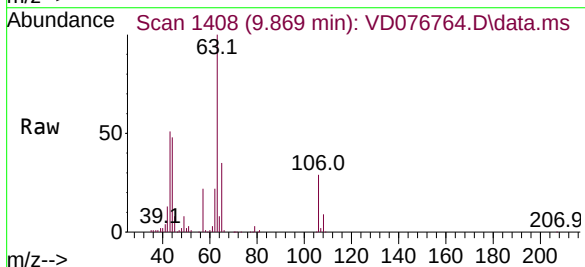
Acq: 17 Jul 2023 19:45

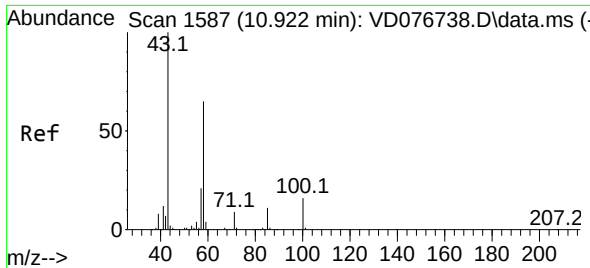
Tgt Ion: 63 Resp: 197417

Ion Ratio Lower Upper

63 100

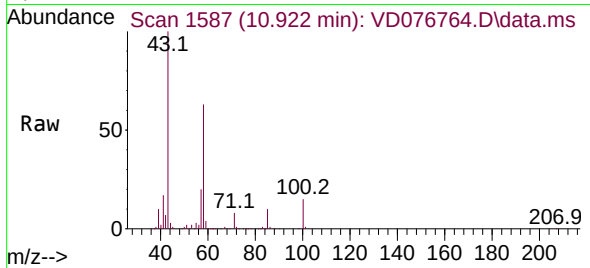
106 29.8 25.3 37.9





#59
2-Hexanone
Concen: 248.317 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

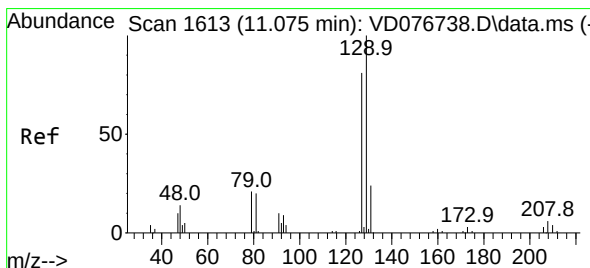
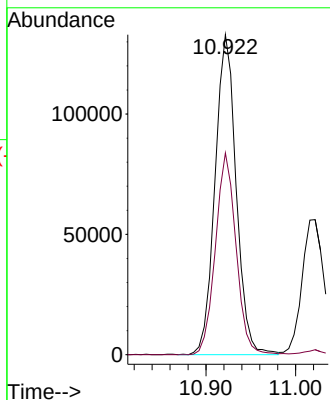
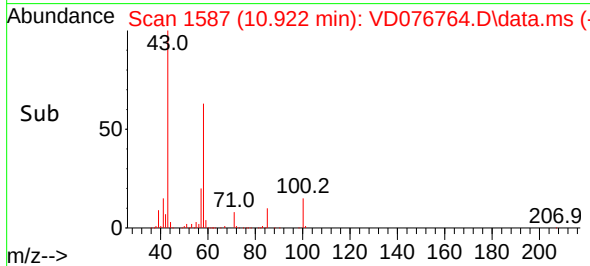
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 217824
Ion Ratio Lower Upper
43 100
58 61.5 34.1 102.2

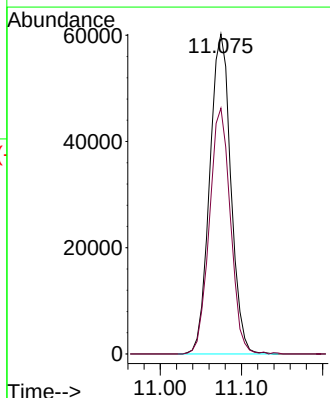
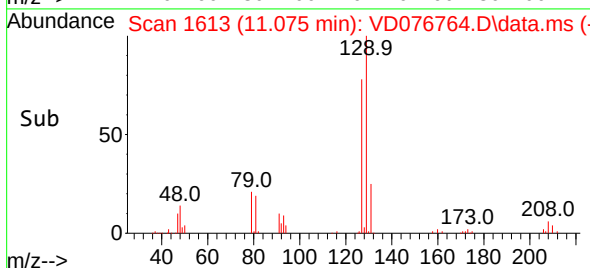
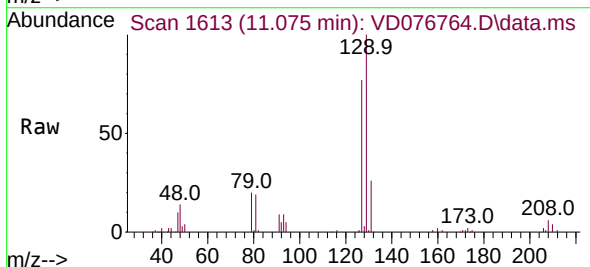
Manual Integrations
APPROVED

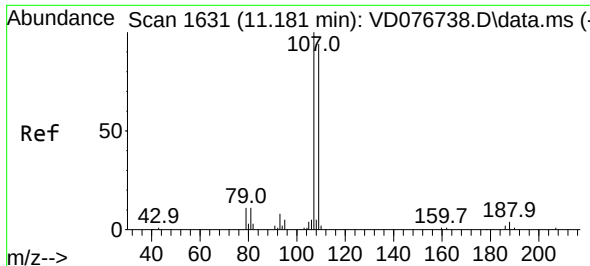
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#60
Dibromochloromethane
Concen: 50.928 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

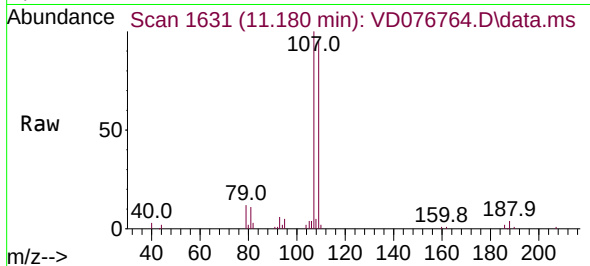
Tgt Ion:129 Resp: 108964
Ion Ratio Lower Upper
129 100
127 76.2 37.1 111.5





#61
1,2-Dibromoethane
Concen: 49.495 ug/l
RT: 11.180 min Scan# 1631
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

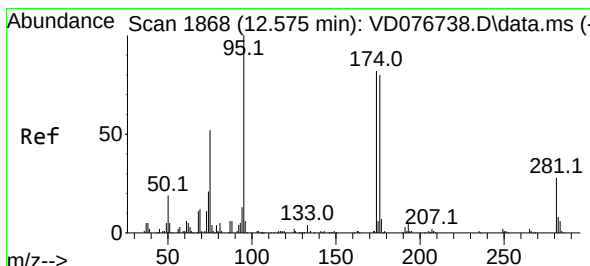
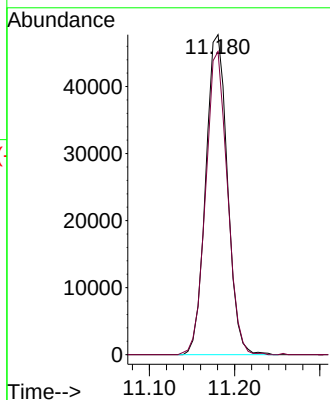
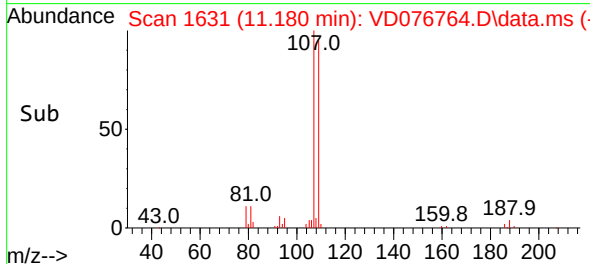
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



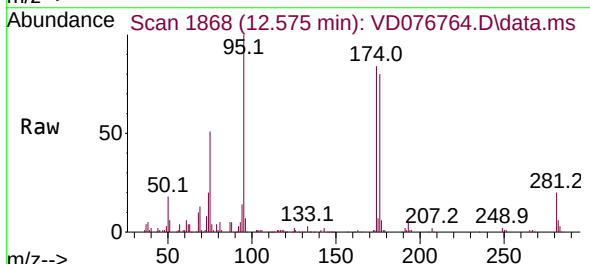
Tgt Ion:107 Resp: 84514
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4

Manual Integrations
APPROVED

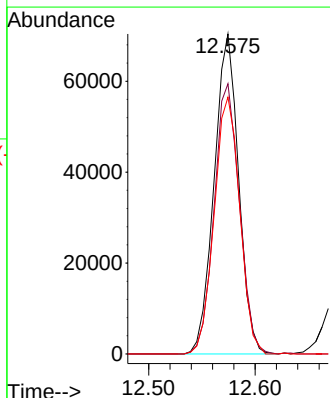
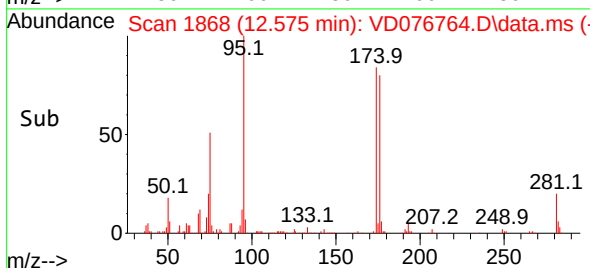
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

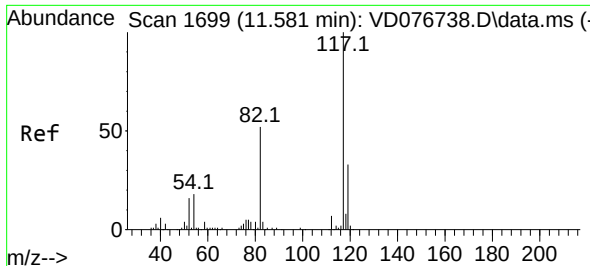


#62
4-Bromofluorobenzene
Concen: 47.908 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



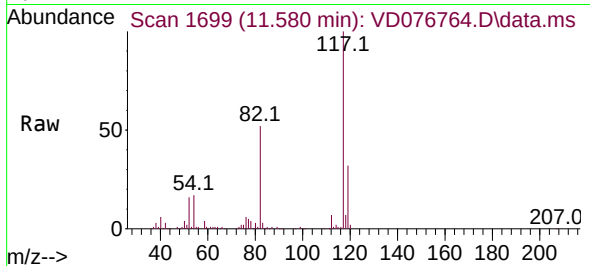
Tgt Ion: 95 Resp: 112247
Ion Ratio Lower Upper
95 100
174 87.0 0.0 201.8
176 83.7 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.580 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

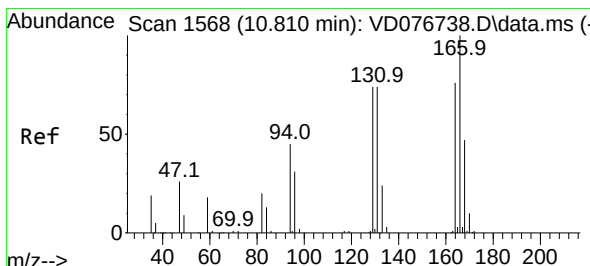
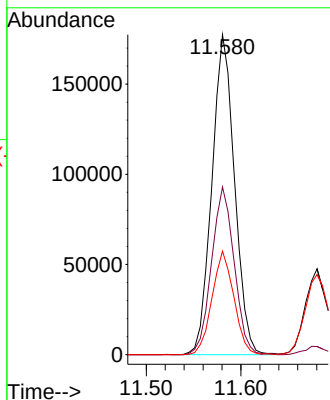
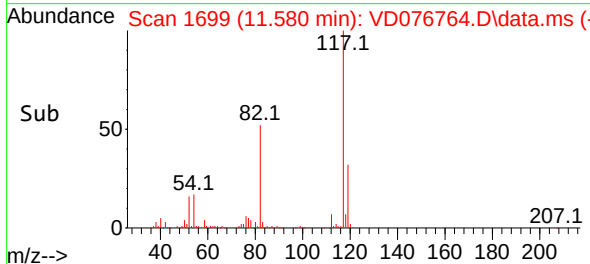
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 295568
Ion Ratio Lower Upper
117 100
82 52.4 38.3 57.5
119 32.4 25.0 37.4

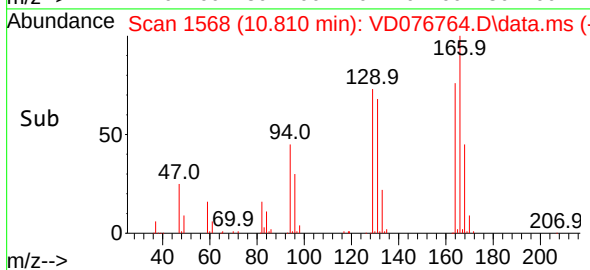
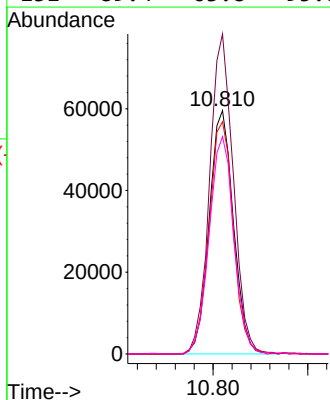
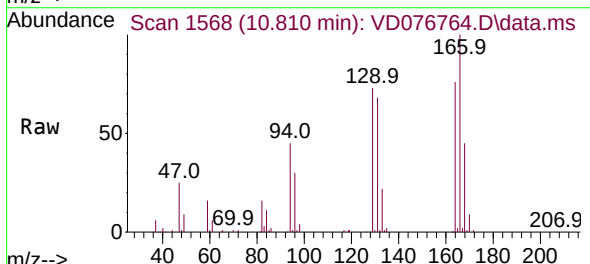
Manual Integrations
APPROVED

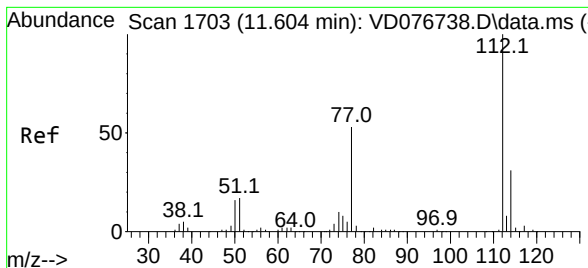
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#64
Tetrachloroethene
Concen: 62.626 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

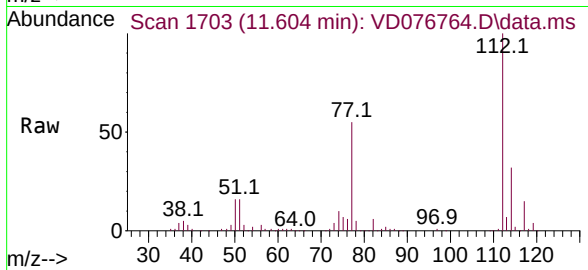
Tgt Ion:164 Resp: 105549
Ion Ratio Lower Upper
164 100
166 131.5 99.2 148.8
129 95.4 68.4 102.6
131 89.4 63.8 95.8





#65
Chlorobenzene
Concen: 50.588 ug/l
RT: 11.604 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

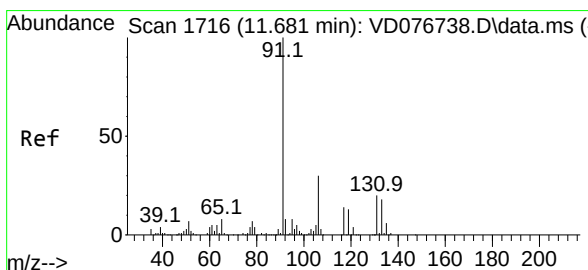
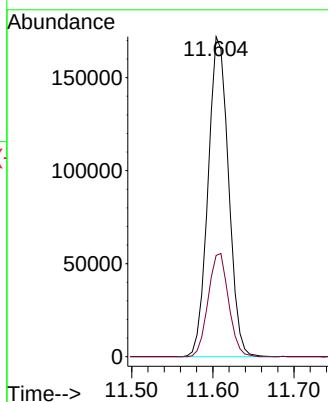
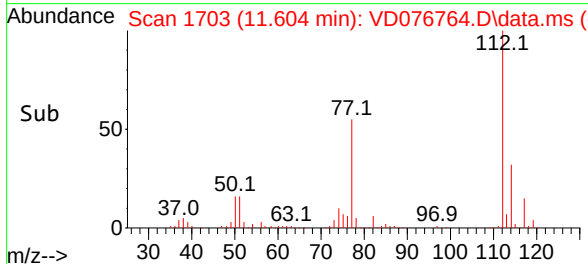
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



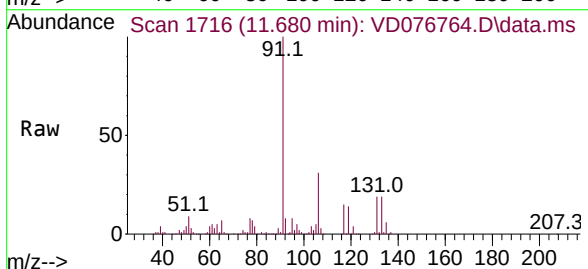
Tgt Ion:112 Resp: 300718
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7

Manual Integrations
APPROVED

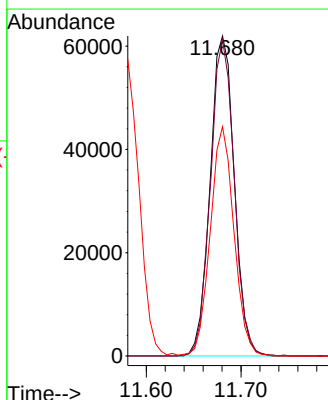
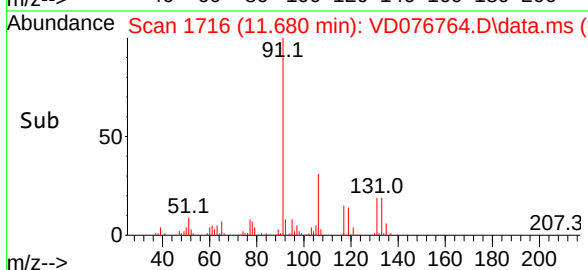
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

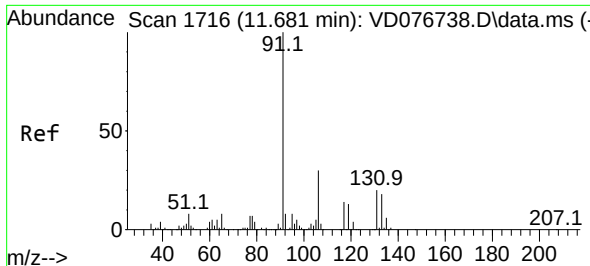


#66
1,1,1,2-Tetrachloroethane
Concen: 49.499 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



Tgt Ion:131 Resp: 109549
Ion Ratio Lower Upper
131 100
133 97.5 48.5 145.5
119 70.4 35.6 106.9





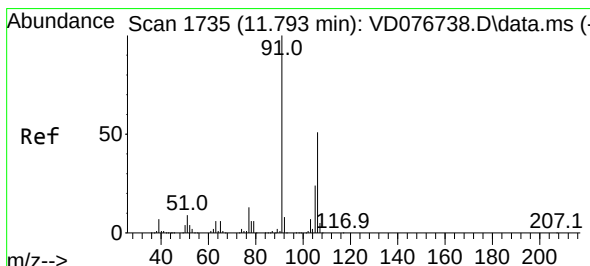
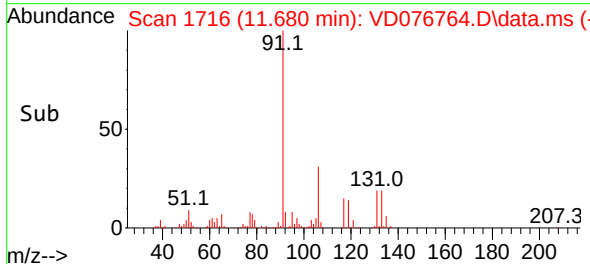
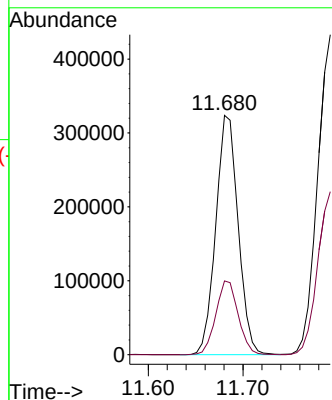
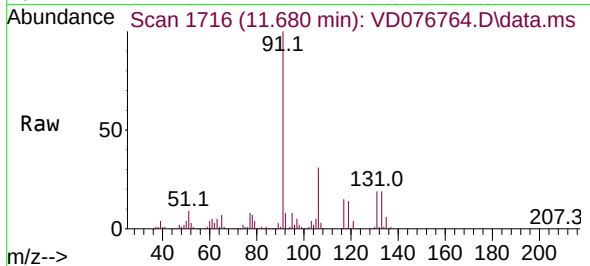
#67
Ethyl Benzene
Concen: 50.914 ug/l
RT: 11.680 min Scan# 1716
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 53153
Ion Ratio Lower Upper
91 100
106 30.8 26.5 39.7

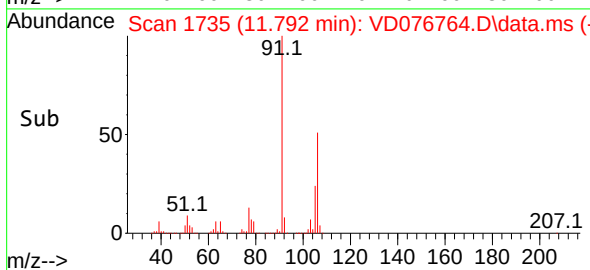
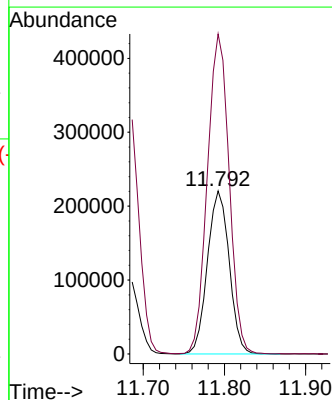
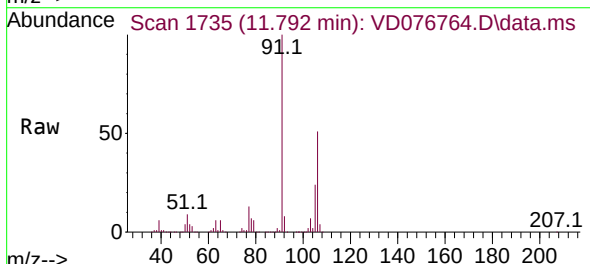
Manual Integrations
APPROVED

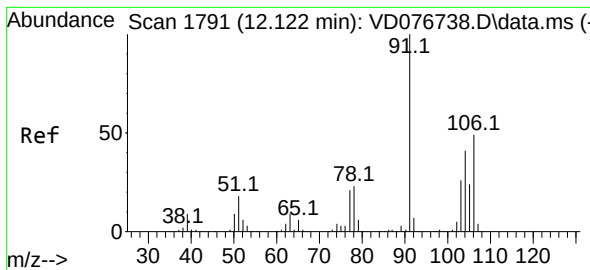
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#68
m/p-Xylenes
Concen: 102.355 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

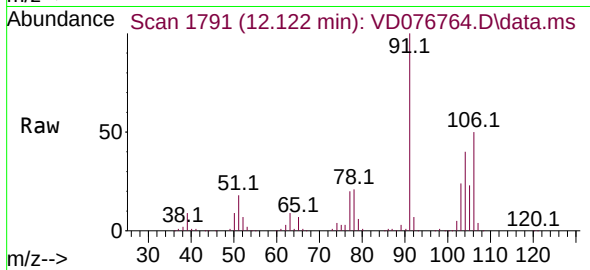
Tgt Ion:106 Resp: 410388
Ion Ratio Lower Upper
106 100
91 196.2 147.0 220.6





#69
o-Xylene
Concen: 51.766 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

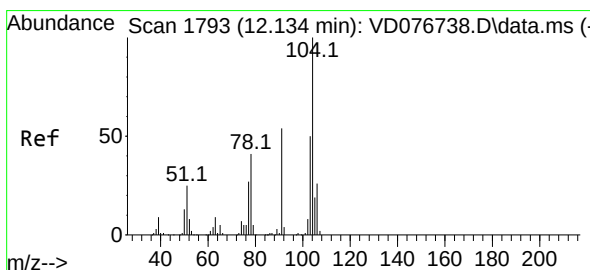
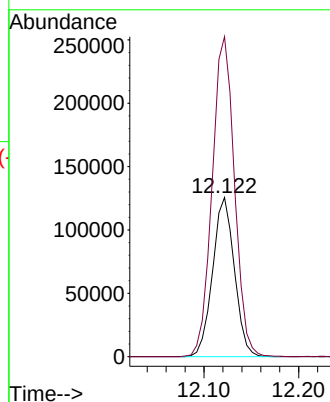
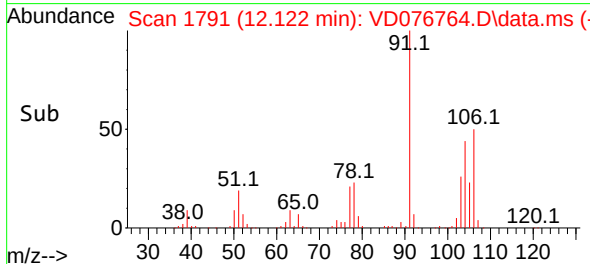
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



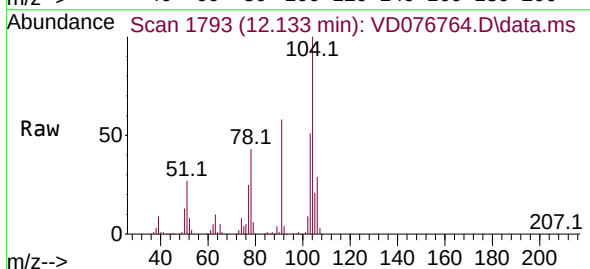
Tgt Ion:106 Resp: 20070
Ion Ratio Lower Upper
106 100
91 206.4 97.9 293.6

Manual Integrations
APPROVED

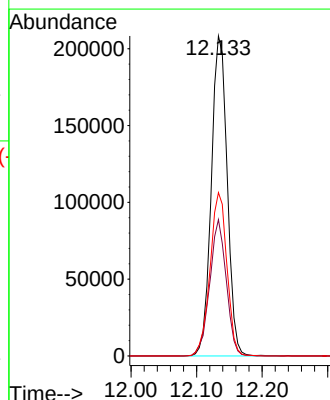
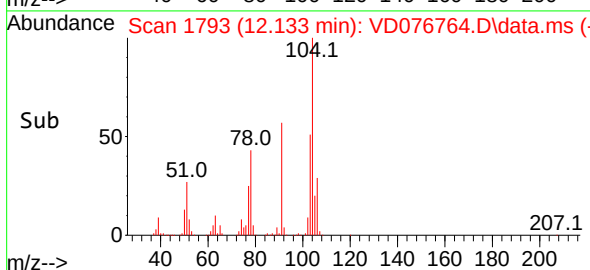
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

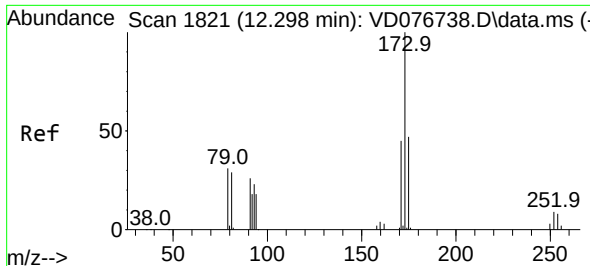


#70
Styrene
Concen: 51.660 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



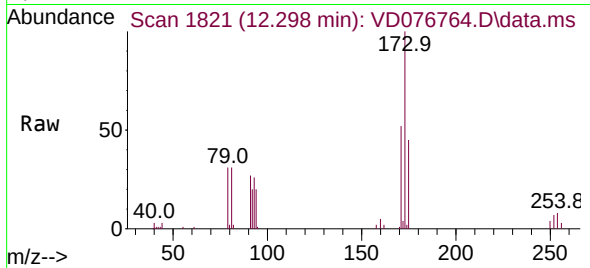
Tgt Ion:104 Resp: 350633
Ion Ratio Lower Upper
104 100
78 44.3 33.2 49.8
103 54.3 43.6 65.4





#71
Bromoform
Concen: 53.370 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

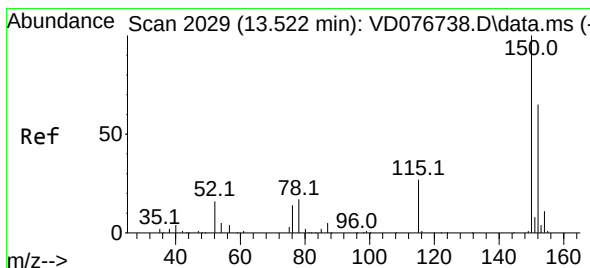
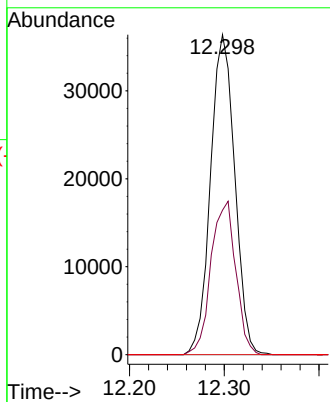
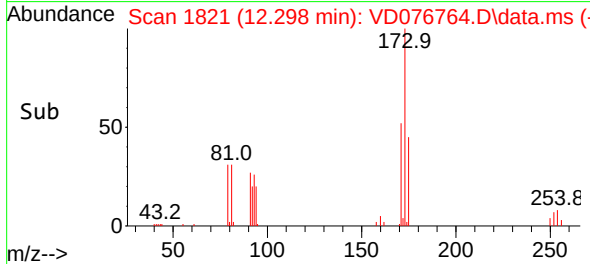
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



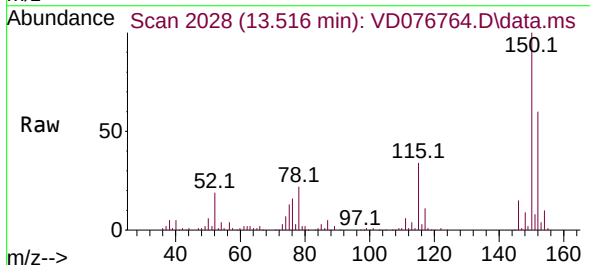
Tgt Ion:173 Resp: 6469
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

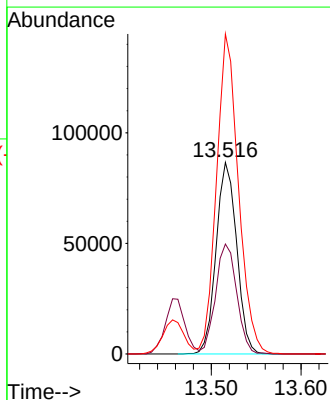
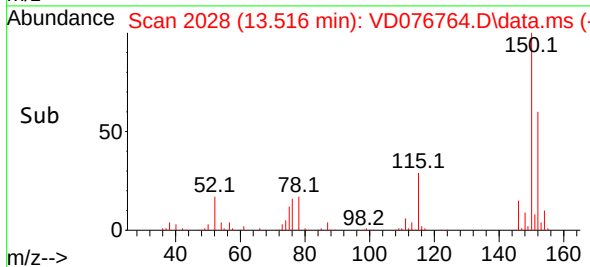
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

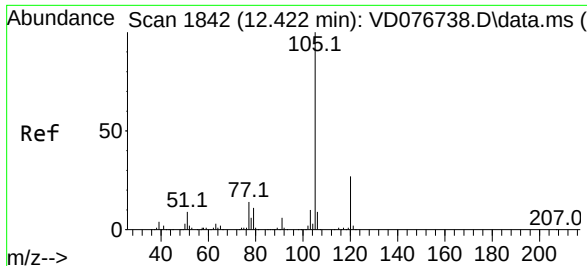


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



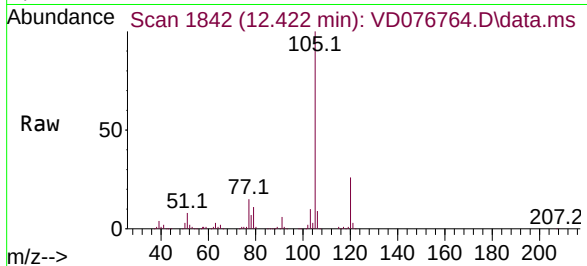
Tgt Ion:152 Resp: 137975
Ion Ratio Lower Upper
152 100
115 59.1 27.1 81.3
150 178.2 0.0 353.6





#73
Isopropylbenzene
Concen: 52.079 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

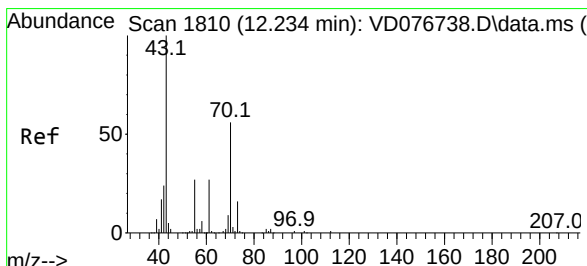
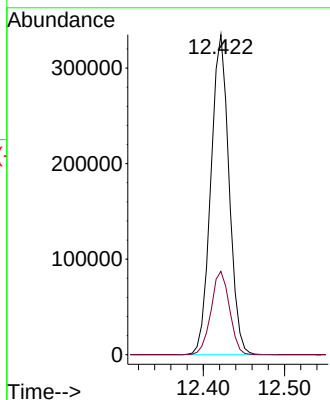
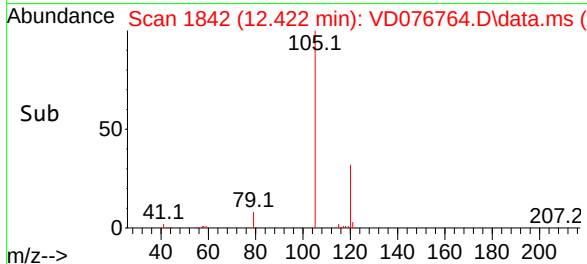
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



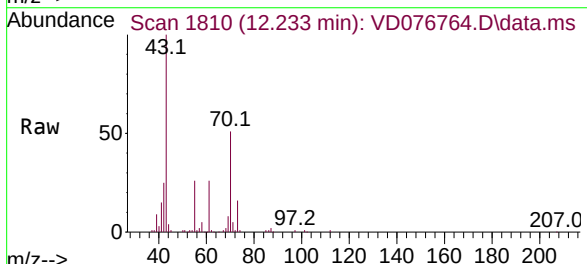
Tgt Ion:105 Resp: 521330
Ion Ratio Lower Upper
105 100
120 26.4 14.3 42.9

Manual Integrations
APPROVED

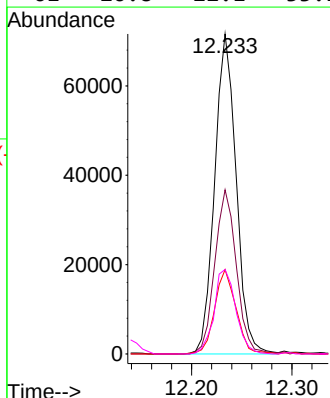
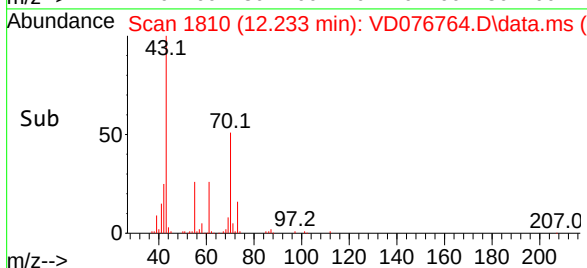
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

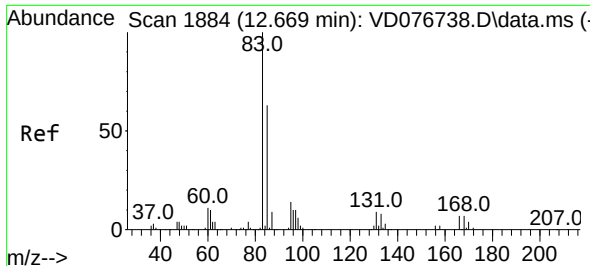


#74
N-ethyl acetate
Concen: 50.526 ug/l
RT: 12.233 min Scan# 1810
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



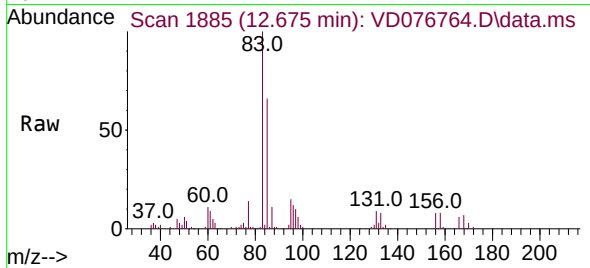
Tgt Ion: 43 Resp: 106554
Ion Ratio Lower Upper
43 100
70 51.8 45.0 67.4
55 26.2 23.8 35.6
61 26.8 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 51.138 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.005 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

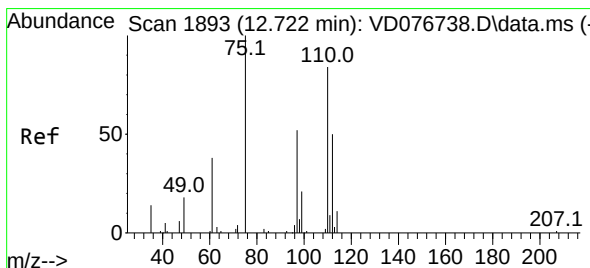
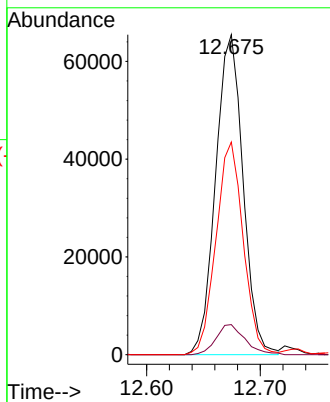
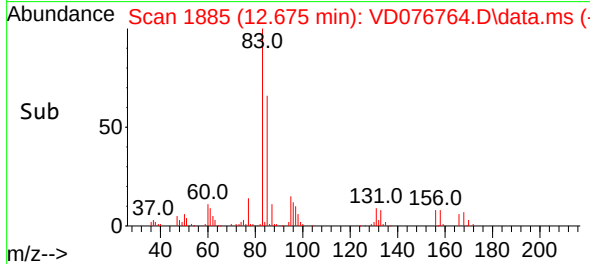
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 109910
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 65.9 32.6 97.8

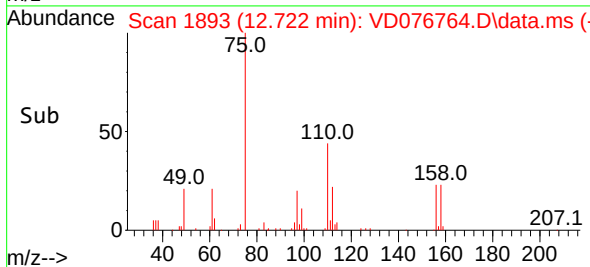
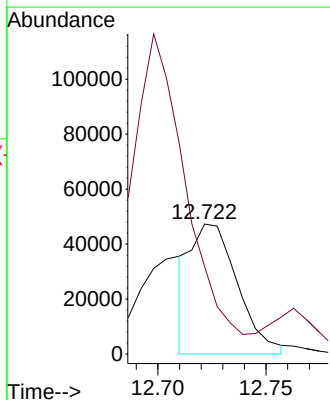
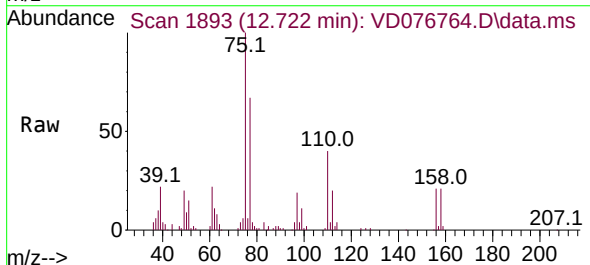
Manual Integrations
APPROVED

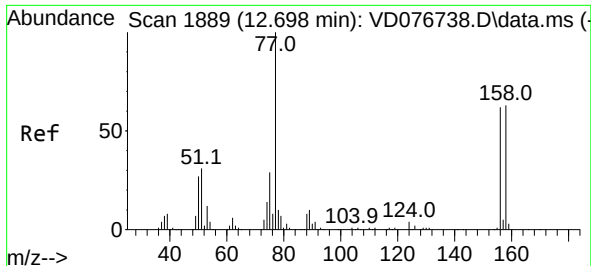
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#76
1,2,3-Trichloropropane
Concen: 54.526 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

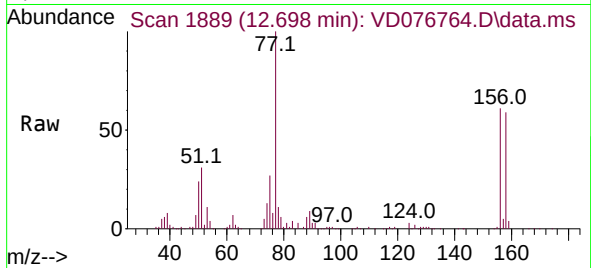
Tgt Ion: 75 Resp: 71545
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 52.127 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

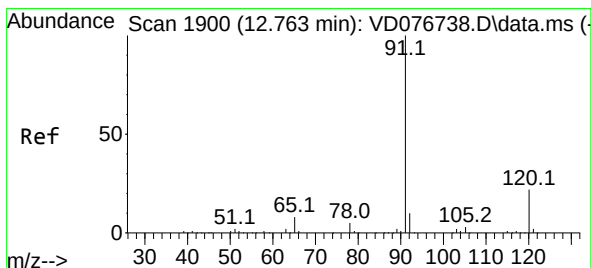
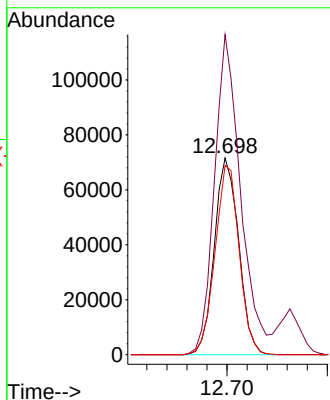
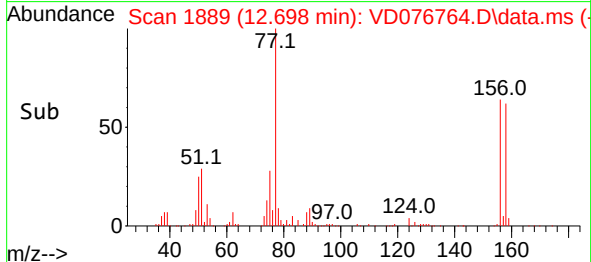
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



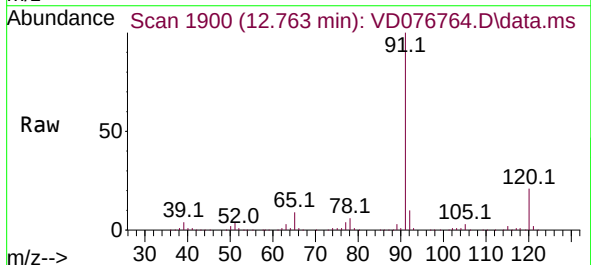
Tgt Ion:156 Resp: 12044
Ion Ratio Lower Upper
156 100
77 173.9 76.8 230.4
158 95.8 48.6 145.9

Manual Integrations
APPROVED

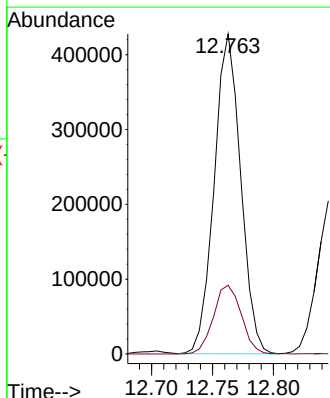
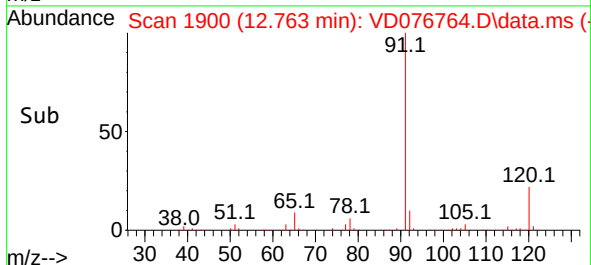
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

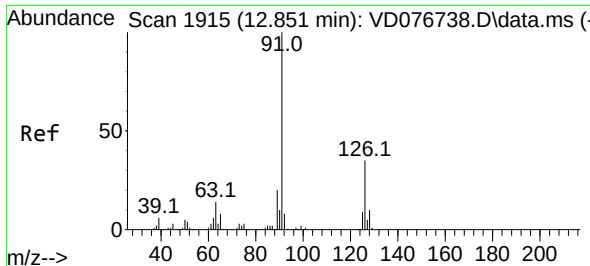


#78
n-propylbenzene
Concen: 53.197 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



Tgt Ion: 91 Resp: 645592
Ion Ratio Lower Upper
91 100
120 22.6 12.4 37.2





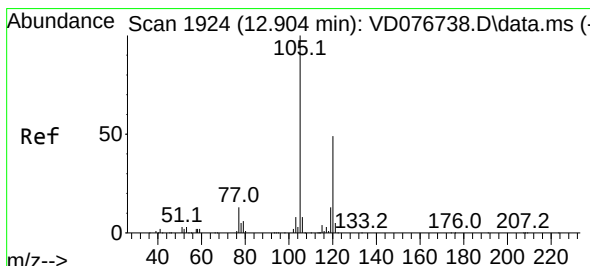
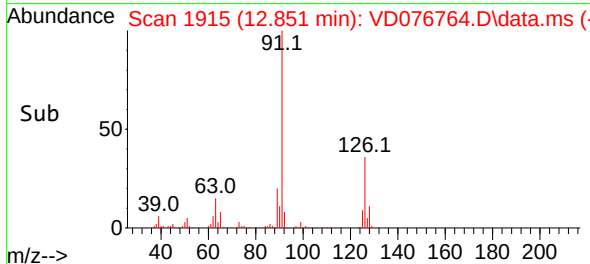
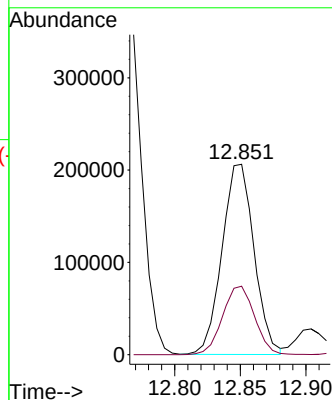
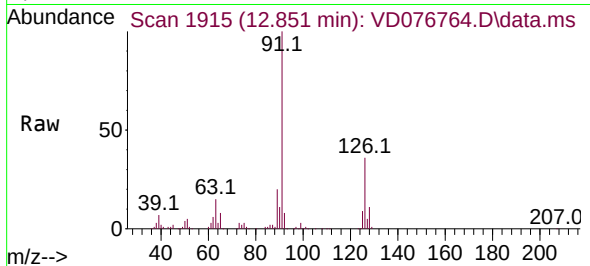
#79
2-Chlorotoluene
Concen: 52.677 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 350518
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1

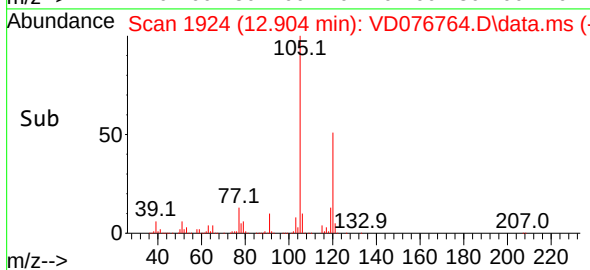
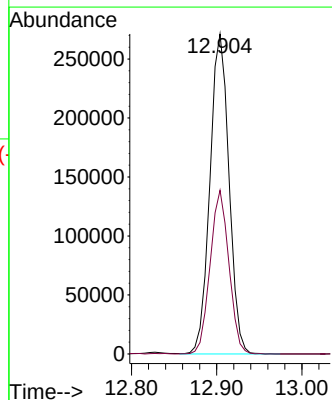
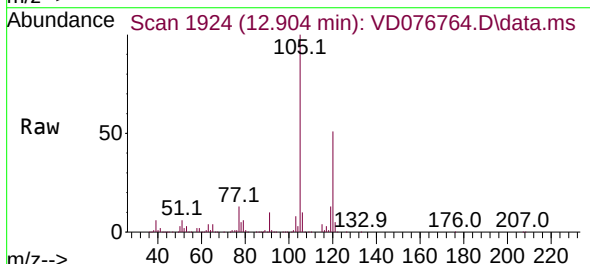
Manual Integrations
APPROVED

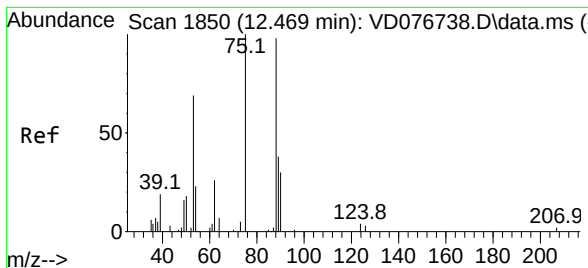
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.005 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

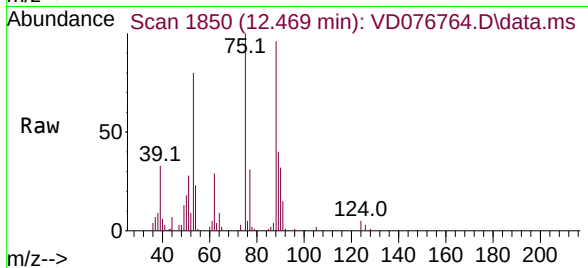
Tgt Ion:105 Resp: 420943
Ion Ratio Lower Upper
105 100
120 50.4 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 48.511 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

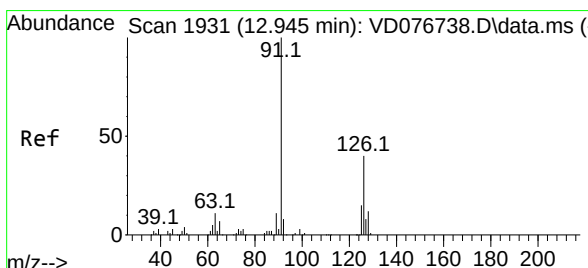
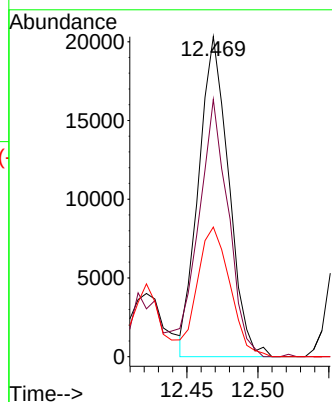
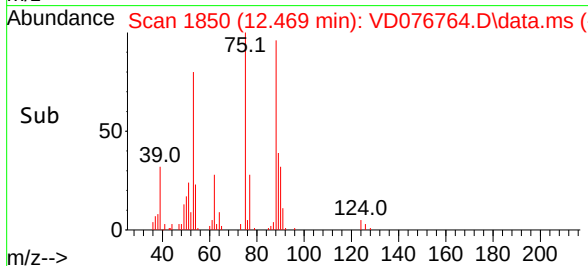
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 29908
Ion Ratio Lower Upper
75 100
53 79.6 63.0 94.4
89 44.8 37.9 56.9

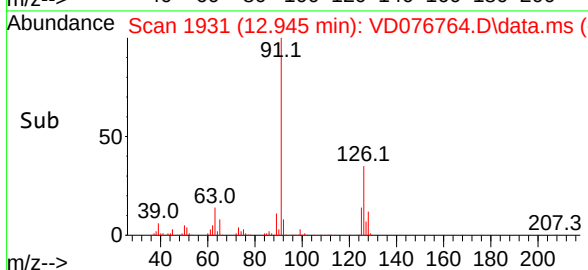
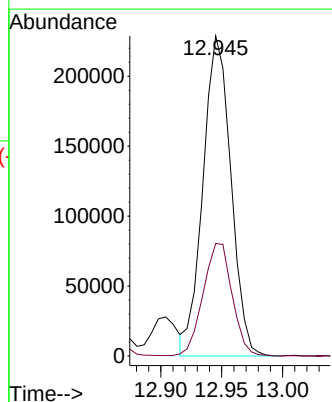
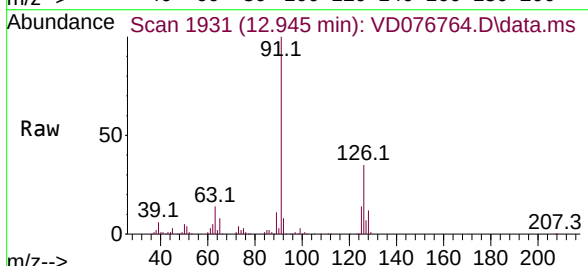
Manual Integrations
APPROVED

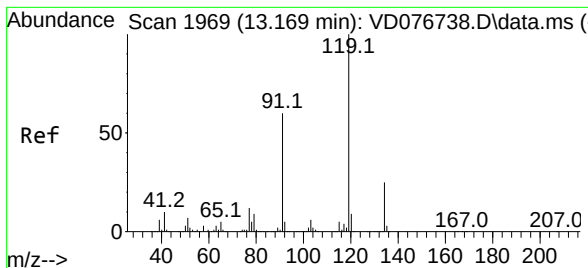
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#82
4-Chlorotoluene
Concen: 52.628 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

Tgt Ion: 91 Resp: 365843
Ion Ratio Lower Upper
91 100
126 36.5 19.4 58.4





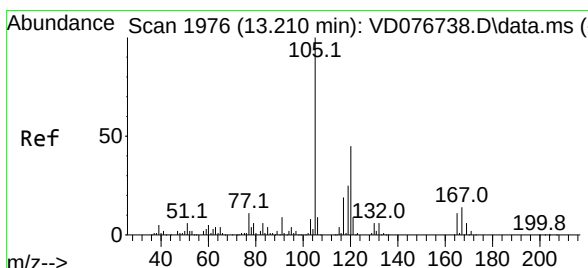
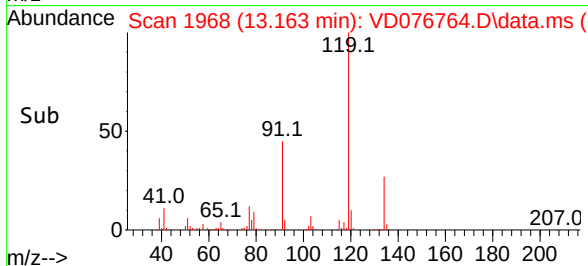
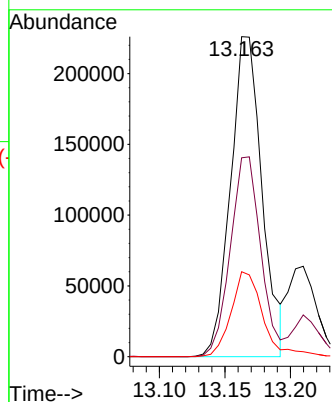
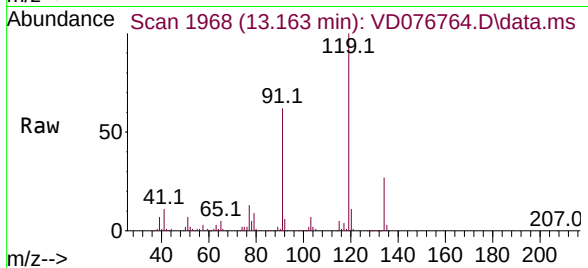
#83
tert-Butylbenzene
Concen: 53.048 ug/l
RT: 13.163 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 37807
Ion Ratio Lower Upper
119 100
91 60.3 29.3 87.8
134 26.9 14.1 42.3

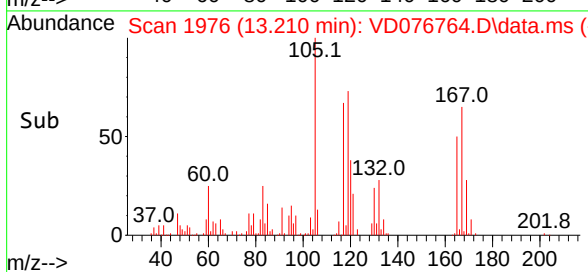
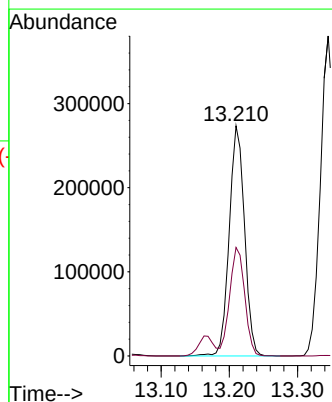
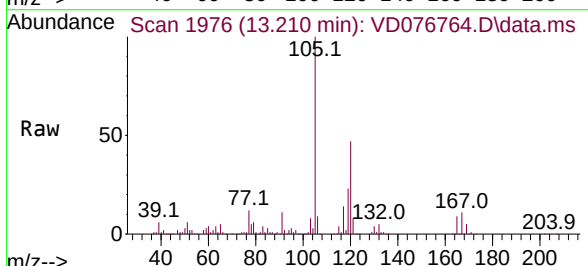
Manual Integrations
APPROVED

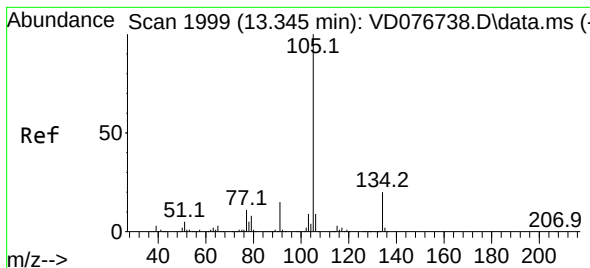
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023



#84
1,2,4-Trimethylbenzene
Concen: 51.664 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

Tgt Ion:105 Resp: 427340
Ion Ratio Lower Upper
105 100
120 46.2 24.3 72.9





#85

sec-Butylbenzene

Concen: 53.203 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 57931

Ion Ratio Lower Upper

105 100

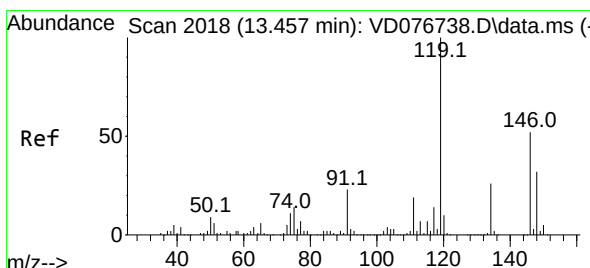
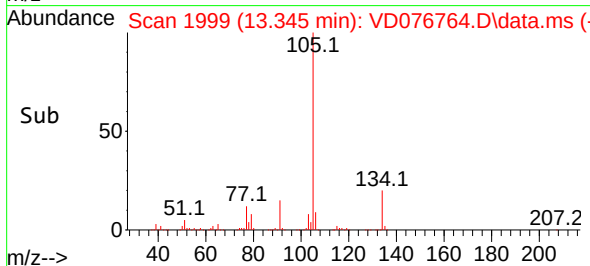
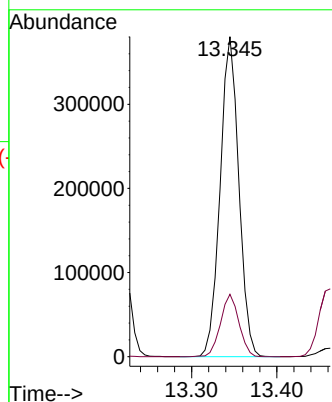
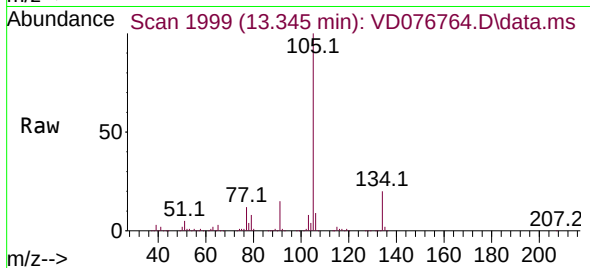
134 19.2 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#86

p-Isopropyltoluene

Concen: 52.841 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

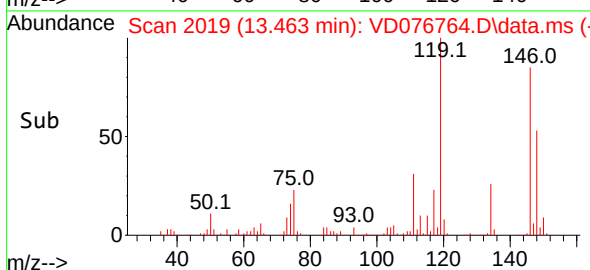
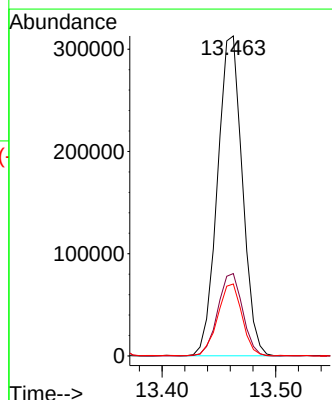
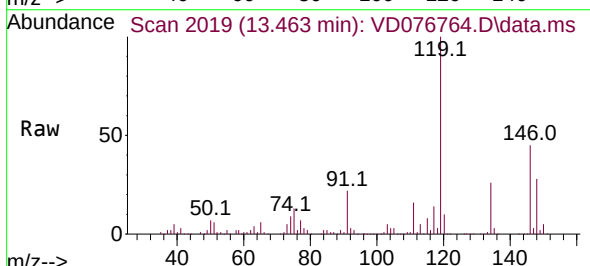
Tgt Ion:119 Resp: 475179

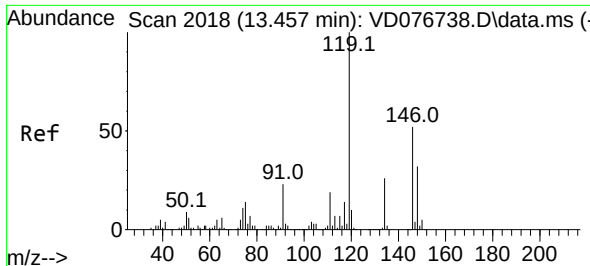
Ion Ratio Lower Upper

119 100

134 25.8 14.2 42.6

91 22.0 10.5 31.5





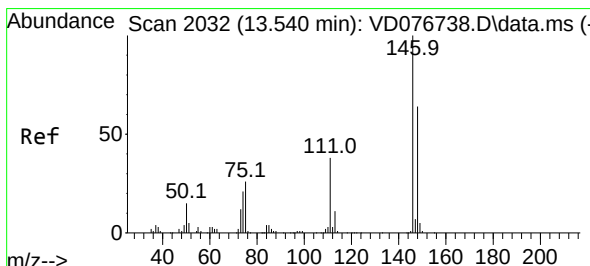
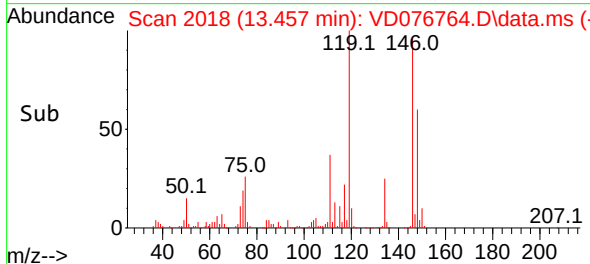
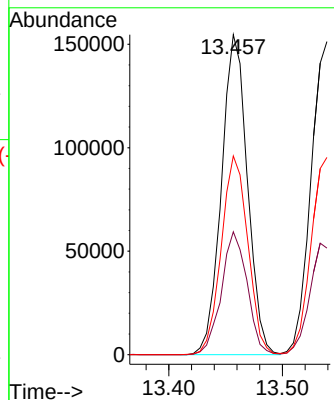
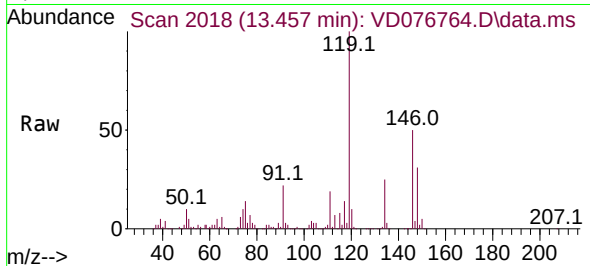
#87
 1,3-Dichlorobenzene
 Concen: 51.651 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD076764.D
 Acq: 17 Jul 2023 19:45

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:146 Resp: 245474
 Ion Ratio Lower Upper
 146 100
 111 38.2 17.9 53.8
 148 63.5 32.3 96.8

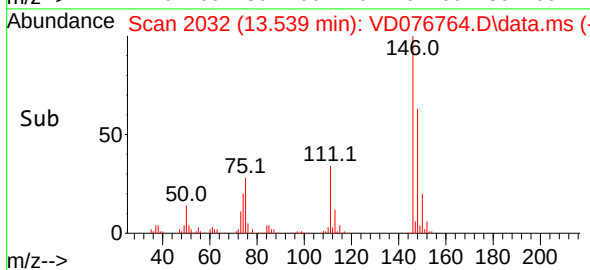
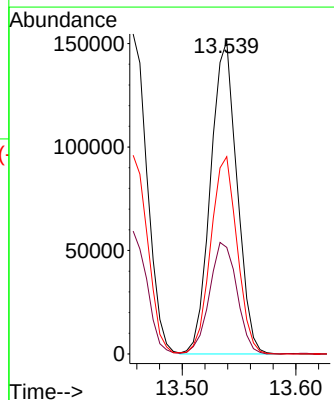
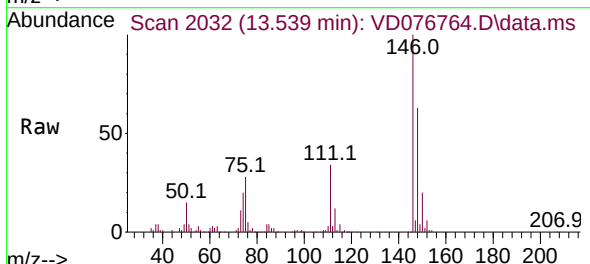
Manual Integrations
 APPROVED

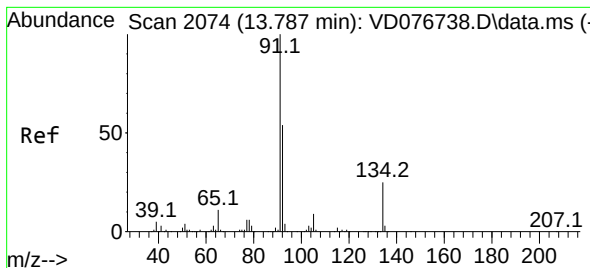
Reviewed By :John Carlone 07/18/2023
 Supervised By :Mahesh Dadoda 07/18/2023



#88
 1,4-Dichlorobenzene
 Concen: 52.427 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. -0.001 min
 Lab File: VD076764.D
 Acq: 17 Jul 2023 19:45

Tgt Ion:146 Resp: 244119
 Ion Ratio Lower Upper
 146 100
 111 37.0 17.4 52.3
 148 63.0 31.7 95.1





#89

n-Butylbenzene

Concen: 52.552 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.001 min

Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 462438

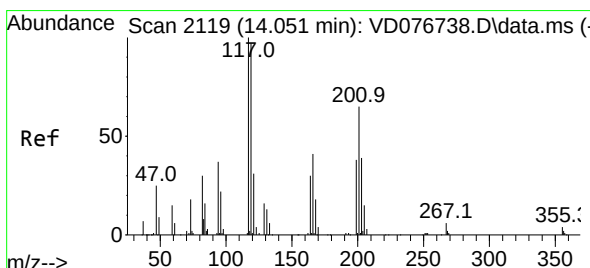
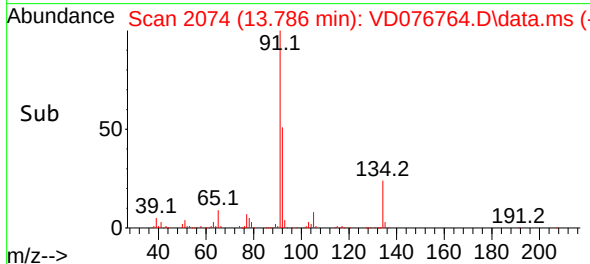
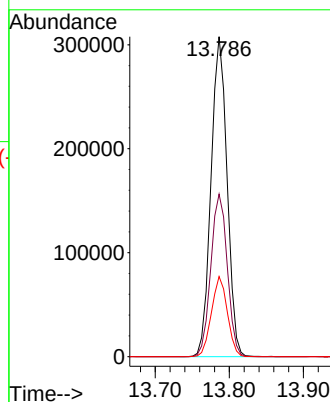
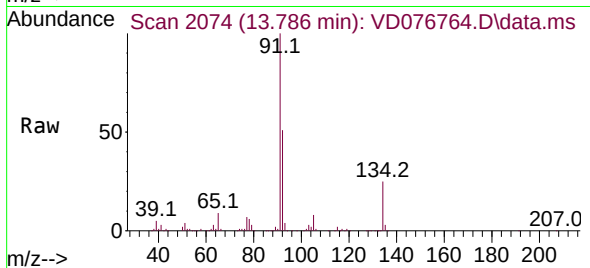
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.5	79.5
134	24.8	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/18/2023

Supervised By :Mahesh Dadoda 07/18/2023



#90

Hexachloroethane

Concen: 54.259 ug/l

RT: 14.051 min Scan# 2119

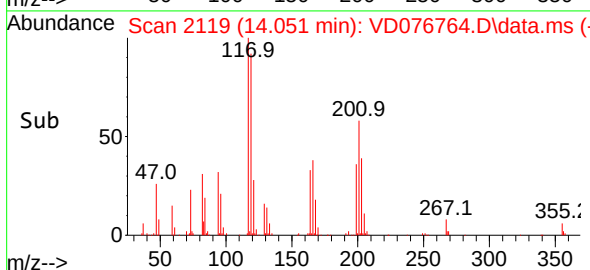
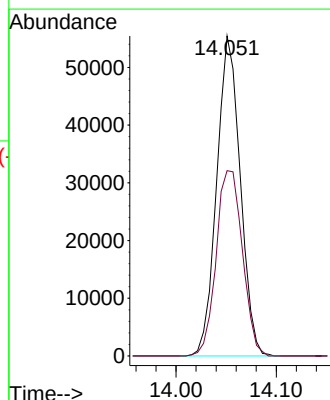
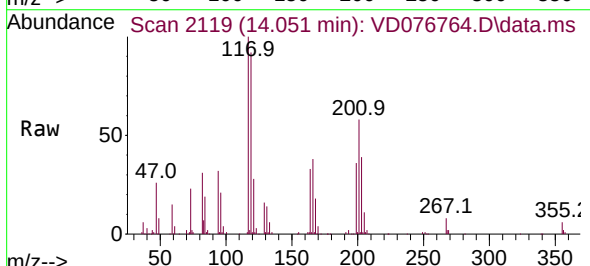
Delta R.T. -0.000 min

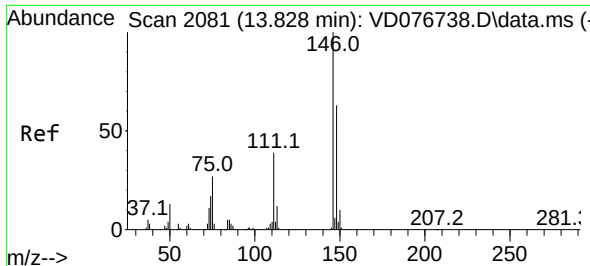
Lab File: VD076764.D

Acq: 17 Jul 2023 19:45

Tgt Ion:117 Resp: 90207

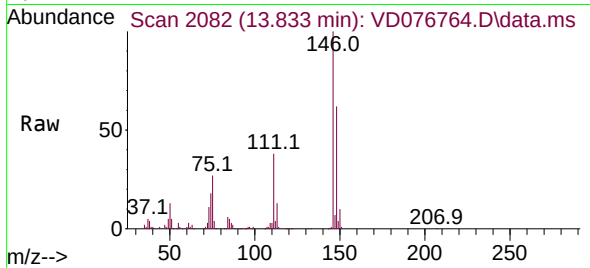
Ion	Ratio	Lower	Upper
117	100		
201	64.6	38.5	115.5





#91
1,2-Dichlorobenzene
Concen: 52.161 ug/l
RT: 13.833 min Scan# 2081
Delta R.T. 0.005 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

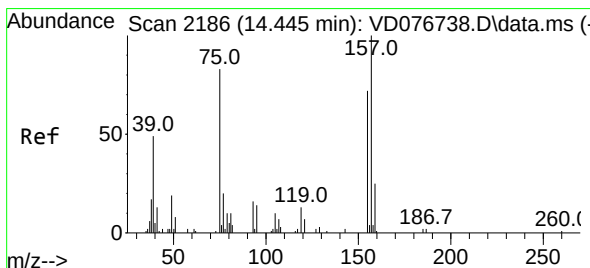
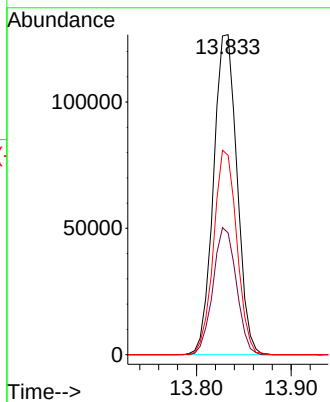
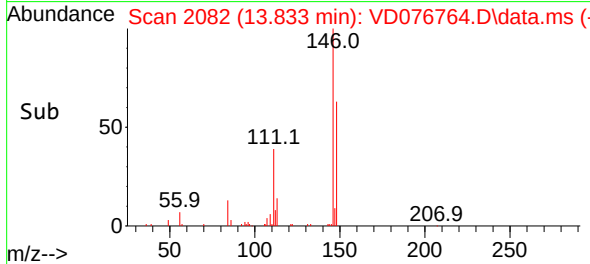
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



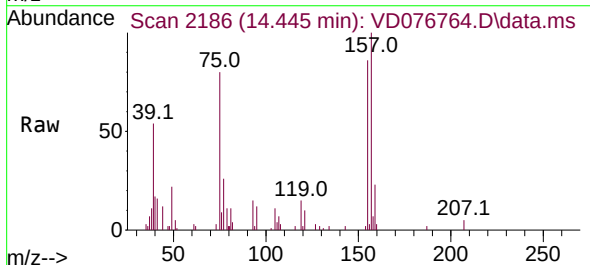
Tgt Ion:146 Resp: 21844
Ion Ratio Lower Upper
146 100
111 39.4 18.3 54.8
148 63.2 31.6 94.7

Manual Integrations
APPROVED

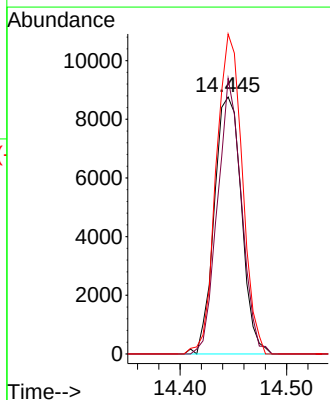
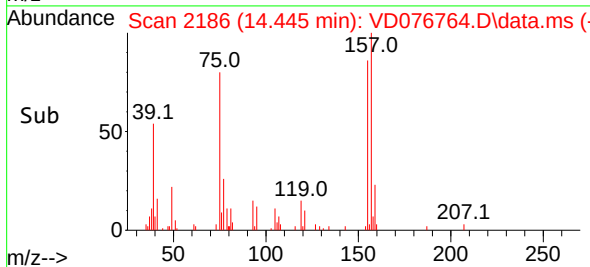
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

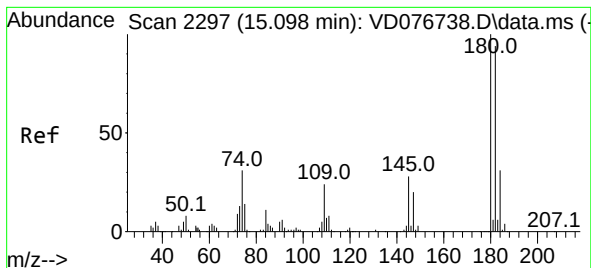


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.722 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



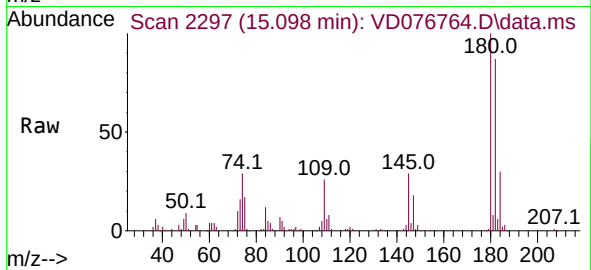
Tgt Ion: 75 Resp: 15544
Ion Ratio Lower Upper
75 100
155 94.2 47.9 143.8
157 119.3 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 51.299 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

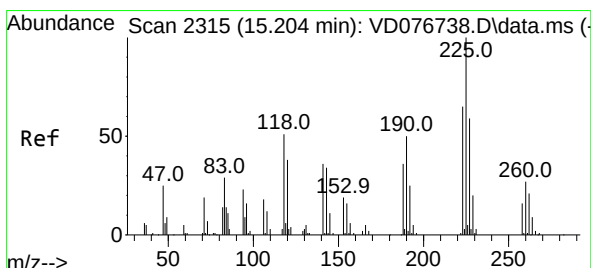
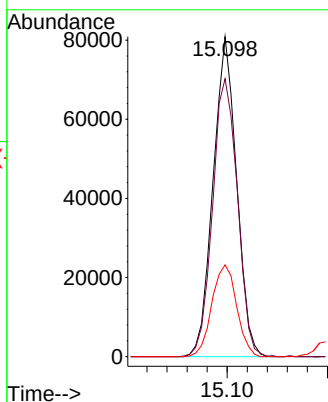
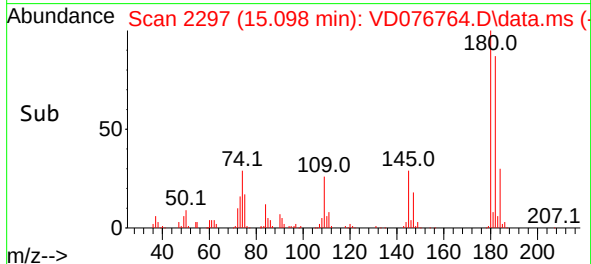
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



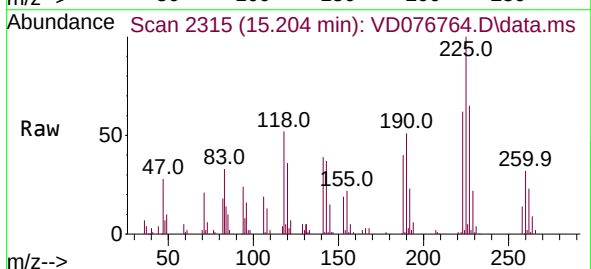
Tgt Ion:180 Resp: 131150
Ion Ratio Lower Upper
180 100
182 91.8 48.5 145.6
145 30.3 14.2 42.6

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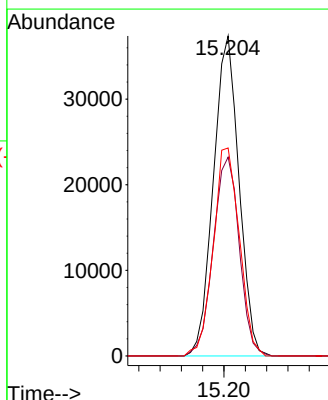
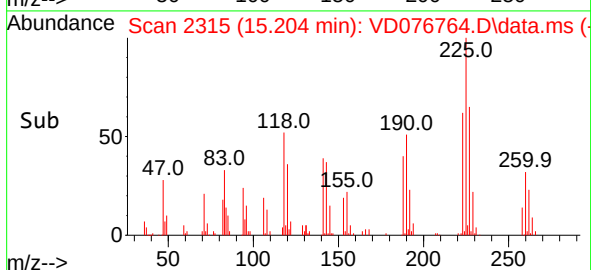
Reviewed By :John Carlone 07/18/2023
Supervised By :Mahesh Dadoda 07/18/2023

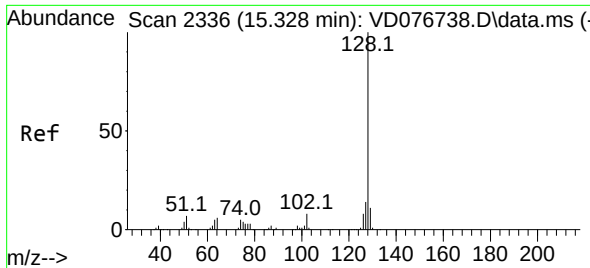


#94
Hexachlorobutadiene
Concen: 50.675 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



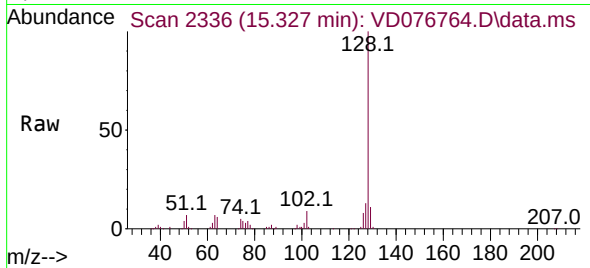
Tgt Ion:225 Resp: 62310
Ion Ratio Lower Upper
225 100
223 63.2 31.6 94.8
227 66.3 31.7 95.1





#95
Naphthalene
Concen: 50.748 ug/l
RT: 15.327 min Scan# 2336
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45

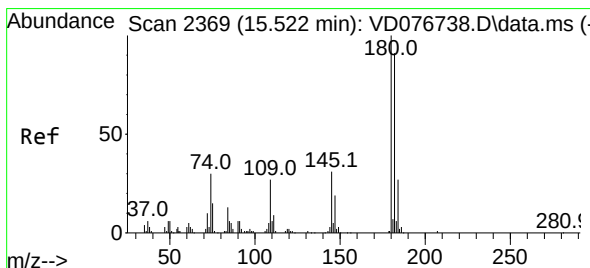
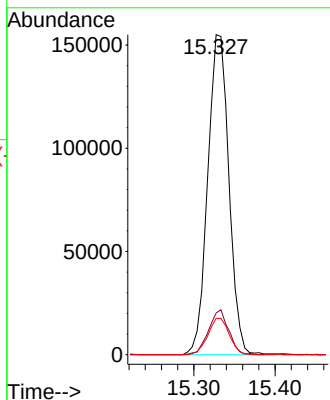
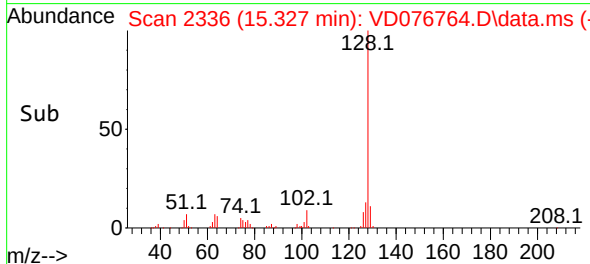
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC



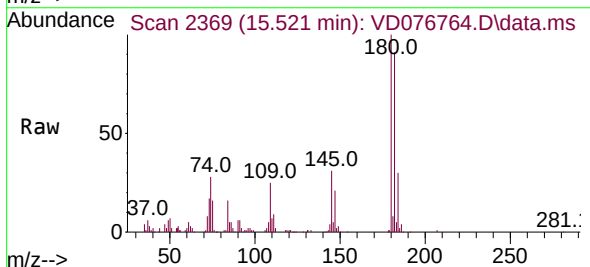
Tgt Ion:128 Resp: 28093
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.4 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 50.179 ug/l
RT: 15.521 min Scan# 2369
Delta R.T. -0.001 min
Lab File: VD076764.D
Acq: 17 Jul 2023 19:45



Tgt Ion:180 Resp: 115126
Ion Ratio Lower Upper
180 100
182 95.4 47.3 141.9
145 33.1 15.1 45.3

