

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073123\
 Data File : VD076868.D
 Acq On : 31 Jul 2023 12:09
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 02:08:18 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	171131	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	311928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	290975	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	139583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	90198	52.917	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 105.840%			
35) Dibromofluoromethane	7.804	113	105361	53.751	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.500%			
50) Toluene-d8	10.269	98	347513	49.558	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.575	95	115936	51.107	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	60820	45.448	ug/l	97
3) Chloromethane	2.146	50	95641	41.430	ug/l	96
4) Vinyl Chloride	2.281	62	139354	45.285	ug/l	97
5) Bromomethane	2.687	94	122035	48.199	ug/l	99
6) Chloroethane	2.834	64	111000	47.775	ug/l	93
7) Trichlorofluoromethane	3.169	101	137590	50.249	ug/l	99
8) Diethyl Ether	3.593	74	52774	55.979	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.963	101	91618	50.902	ug/l	97
10) Methyl Iodide	4.158	142	108742	53.595	ug/l	92
11) Tert butyl alcohol	5.046	59	38636	303.758	ug/l	95
12) 1,1-Dichloroethene	3.934	96	83509	49.383	ug/l	93
13) Acrolein	3.793	56	25017	288.621	ug/l	96
14) Allyl chloride	4.558	41	115853	52.152	ug/l	92
15) Acrylonitrile	5.252	53	131722	284.479	ug/l	98
16) Acetone	4.016	43	122744	301.527	ug/l	88
17) Carbon Disulfide	4.269	76	181092	45.850	ug/l	96
18) Methyl Acetate	4.563	43	89923	58.795	ug/l	96
19) Methyl tert-butyl Ether	5.310	73	259490	57.221	ug/l	99
20) Methylene Chloride	4.793	84	142405	61.019	ug/l	96
21) trans-1,2-Dichloroethene	5.305	96	102837	52.317	ug/l	95
22) Diisopropyl ether	6.216	45	289628	55.059	ug/l	97
23) Vinyl Acetate	6.152	43	735113	282.438	ug/l	94
24) 1,1-Dichloroethane	6.110	63	195955	55.250	ug/l	97
25) 2-Butanone	7.081	43	169179	310.529	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	174259	56.997	ug/l	94
27) cis-1,2-Dichloroethene	7.075	96	133305	55.012	ug/l	95
28) Bromochloromethane	7.422	49	42923	48.407	ug/l	87
29) Tetrahydrofuran	7.440	42	95038	295.247	ug/l	93
30) Chloroform	7.593	83	220960	56.881	ug/l	94
31) Cyclohexane	7.875	56	110270	43.958	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	174842	55.785	ug/l	97
36) 1,1-Dichloropropene	8.004	75	135135	52.758	ug/l	97
37) Ethyl Acetate	7.163	43	68461	59.766	ug/l #	94
38) Carbon Tetrachloride	7.993	117	136685	55.731	ug/l	97
39) Methylcyclohexane	9.275	83	139234	47.077	ug/l	97
40) Benzene	8.246	78	439948	54.436	ug/l	100

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Manual Integrations
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Quant Time: Aug 01 02:08:18 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)
41) Methacrylonitrile	7.399	41	39898	57.037	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	119540	56.926	ug/l	98
43) Isopropyl Acetate	8.357	43	128934	57.675	ug/l	94
44) Trichloroethene	9.028	130	117664	53.427	ug/l	99
45) 1,2-Dichloropropane	9.304	63	117211	56.183	ug/l	97
46) Dibromomethane	9.393	93	71455	58.514	ug/l	89
47) Bromodichloromethane	9.587	83	171651	56.014	ug/l	97
48) Methyl methacrylate	9.381	41	58174	57.175	ug/l	86
49) 1,4-Dioxane	9.381	88	17595	1124.602	ug/l	98
51) 4-Methyl-2-Pentanone	10.157	43	354266	297.634	ug/l	94
52) Toluene	10.334	92	284775	53.650	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	161461	56.765	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	189230	56.449	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	103127	57.833	ug/l	97
56) Ethyl methacrylate	10.598	69	118585	57.617	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	164721	56.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	198766	249.497	ug/l	97
59) 2-Hexanone	10.922	43	258581	304.460	ug/l	93
60) Dibromochloromethane	11.075	129	119150	57.518	ug/l	95
61) 1,2-Dibromoethane	11.181	107	94686	57.273	ug/l	99
64) Tetrachloroethene	10.810	164	91591	55.202	ug/l	91
65) Chlorobenzene	11.604	112	319055	54.520	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	120871	55.477	ug/l	99
67) Ethyl Benzene	11.687	91	551733	53.684	ug/l	96
68) m/p-Xylenes	11.792	106	429921	108.919	ug/l	92
69) o-Xylene	12.122	106	205264	53.777	ug/l	90
70) Styrene	12.134	104	369458	55.293	ug/l	98
71) Bromoform	12.298	173	71976	60.318	ug/l #	97
73) Isopropylbenzene	12.422	105	536930	53.019	ug/l	97
74) N-amyl acetate	12.234	43	119833	56.168	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	124573	57.292	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	80517m	60.657	ug/l	
77) Bromobenzene	12.698	156	129164	55.256	ug/l	88
78) n-propylbenzene	12.763	91	654062	53.275	ug/l	97
79) 2-Chlorotoluene	12.851	91	359967	53.474	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	439419	53.662	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	38335	61.463	ug/l	95
82) 4-Chlorotoluene	12.945	91	384155	54.626	ug/l	95
83) tert-Butylbenzene	13.169	119	385299	53.439	ug/l	97
84) 1,2,4-Trimethylbenzene	13.216	105	447548	53.484	ug/l	95
85) sec-Butylbenzene	13.345	105	589214	53.489	ug/l	95
86) p-Isopropyltoluene	13.463	119	489095	53.762	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	263352	54.774	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	261723	55.561	ug/l	98
89) n-Butylbenzene	13.786	91	465569	52.298	ug/l	98
90) Hexachloroethane	14.051	117	96331	57.275	ug/l	86
91) 1,2-Dichlorobenzene	13.834	146	233483	55.111	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	16944	54.654	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	146372	56.591	ug/l	97
94) Hexachlorobutadiene	15.204	225	66311	53.307	ug/l	98
95) Naphthalene	15.333	128	323821	57.822	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	134244	57.837	ug/l	97

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ClientSampleId :
VSTDCCC050

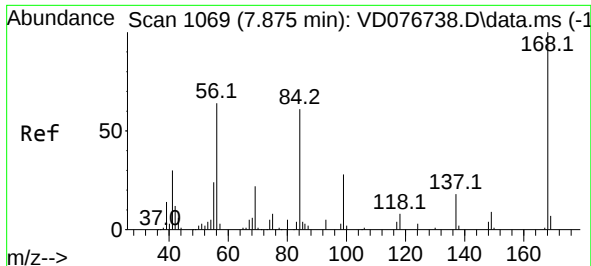
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

Quant Time: Aug 01 02:08:18 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

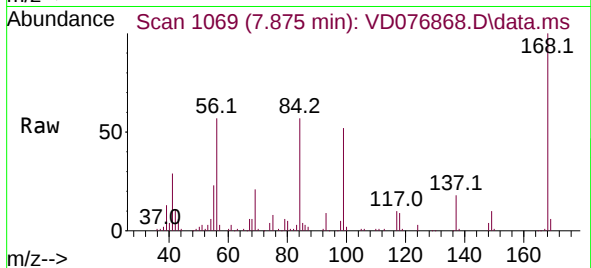
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

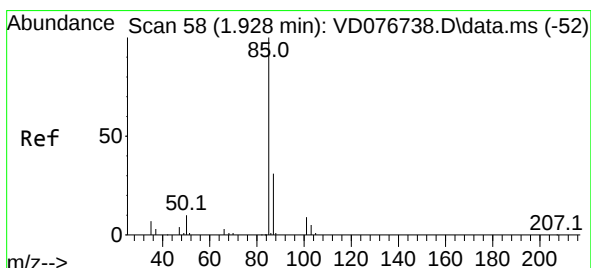
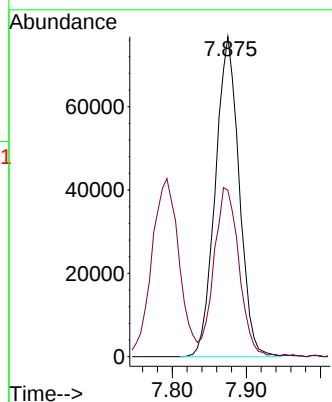
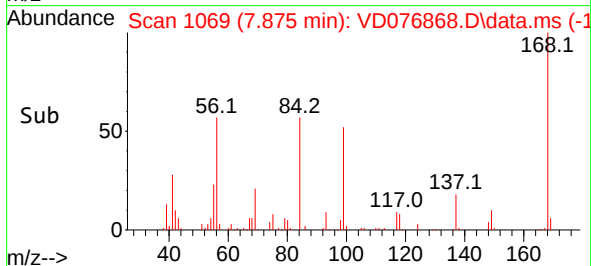
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



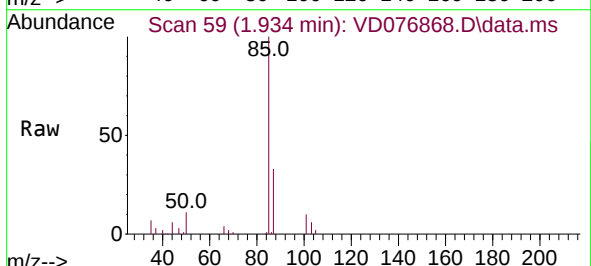
Tgt Ion:168 Resp: 17113
Ion Ratio Lower Upper
168 100
99 51.8 36.7 55.1

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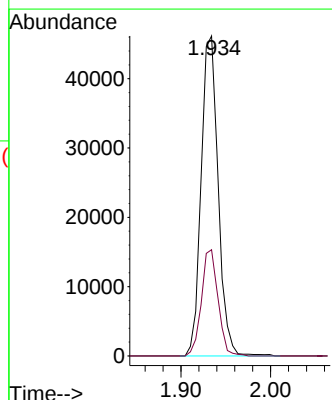
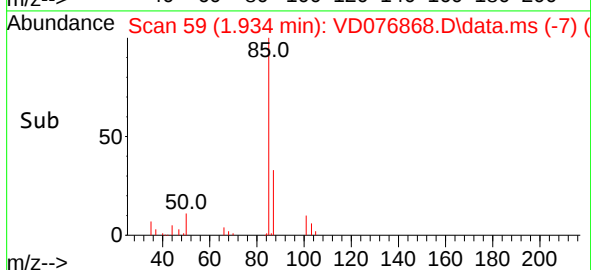
Reviewed By :John Carlone 08/01/2023
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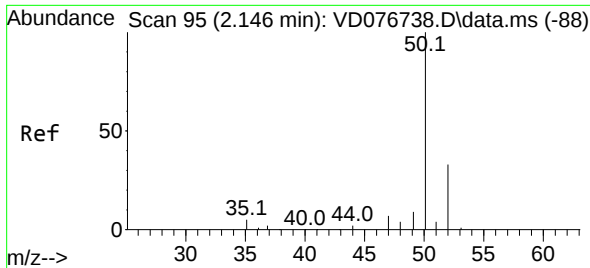


#2
Dichlorodifluoromethane
Concen: 45.448 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



Tgt Ion: 85 Resp: 60820
Ion Ratio Lower Upper
85 100
87 33.2 15.7 47.0





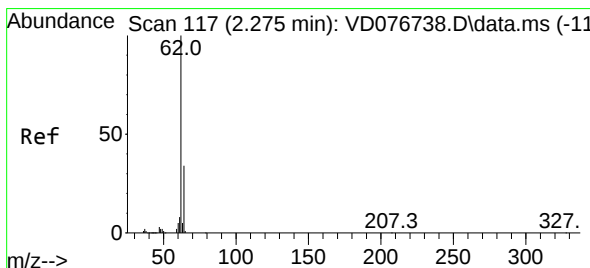
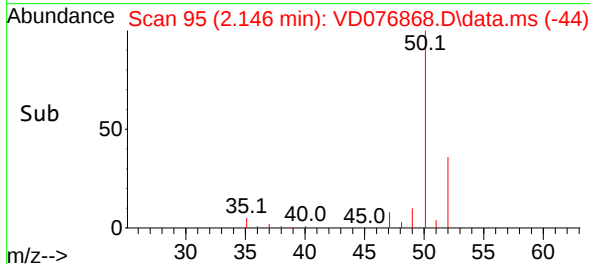
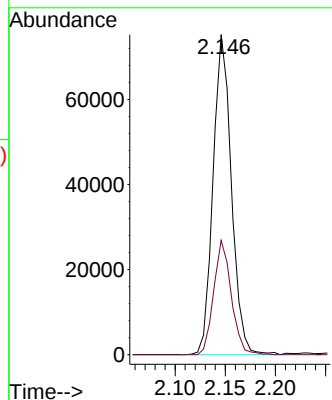
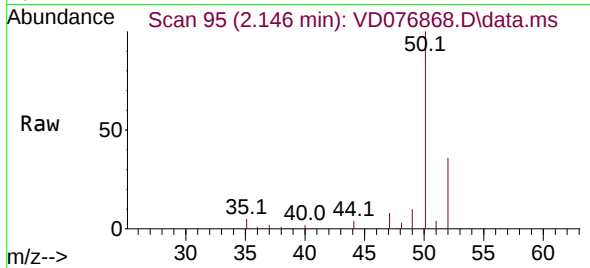
#3
Chloromethane
Concen: 41.430 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 9564
Ion Ratio Lower Upper
50 100
52 35.7 26.6 40.0

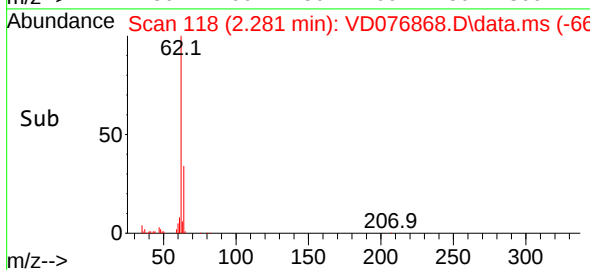
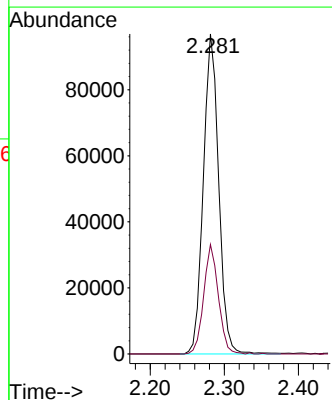
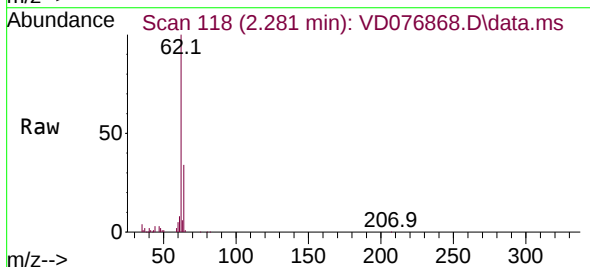
Manual Integrations
APPROVED

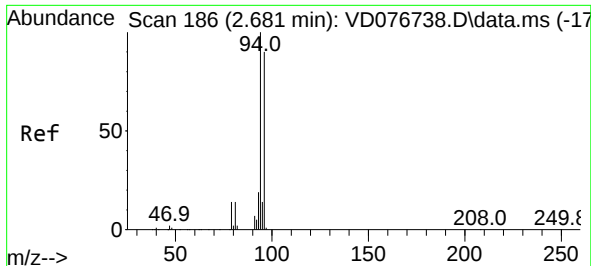
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#4
Vinyl Chloride
Concen: 45.285 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

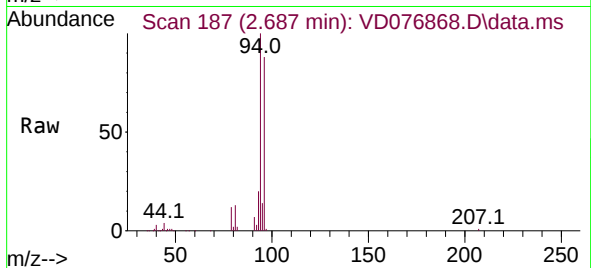
Tgt Ion: 62 Resp: 139354
Ion Ratio Lower Upper
62 100
64 34.2 26.0 39.0





#5
Bromomethane
Concen: 48.199 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

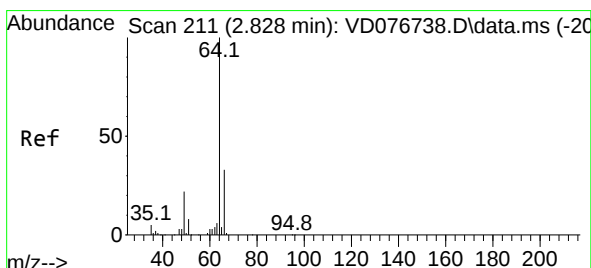
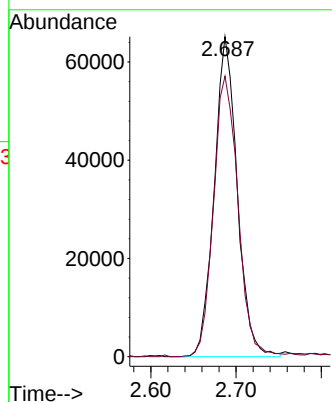
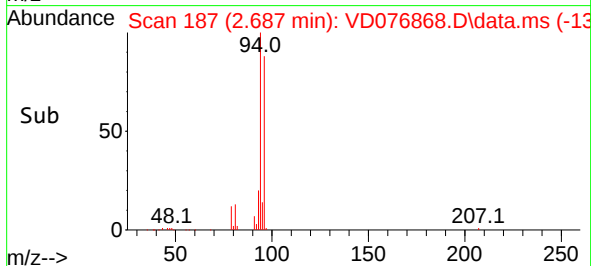
Instrument :
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Tgt Ion: 94 Resp: 122035
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.8

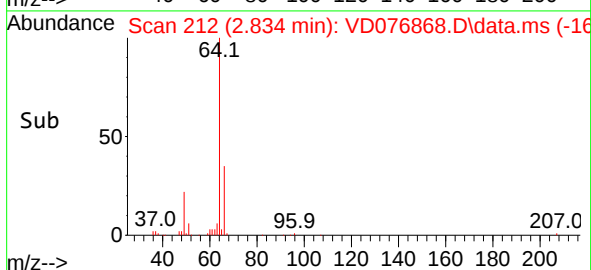
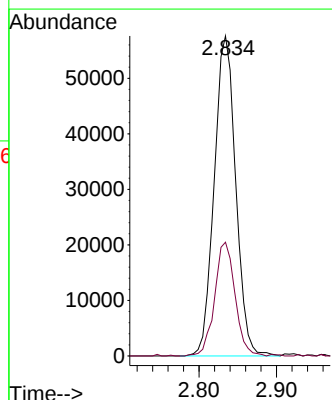
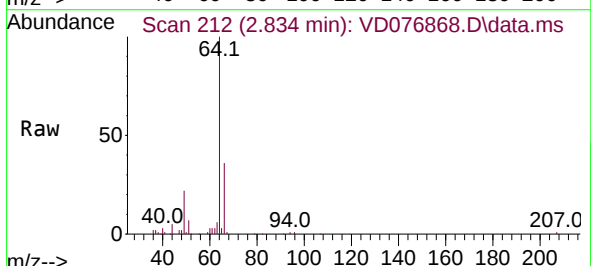
Manual Integrations
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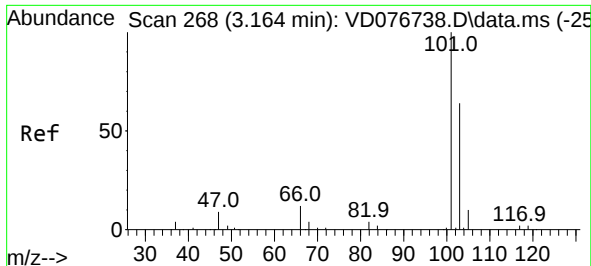
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#6
Chloroethane
Concen: 47.775 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Tgt Ion: 64 Resp: 111000
Ion Ratio Lower Upper
64 100
66 35.6 25.5 38.3





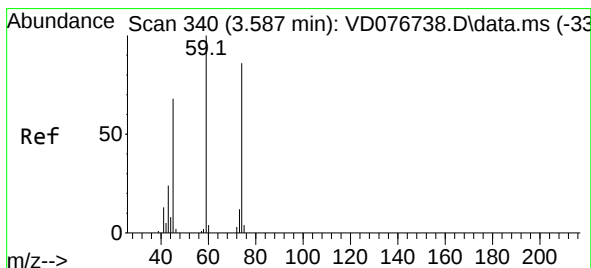
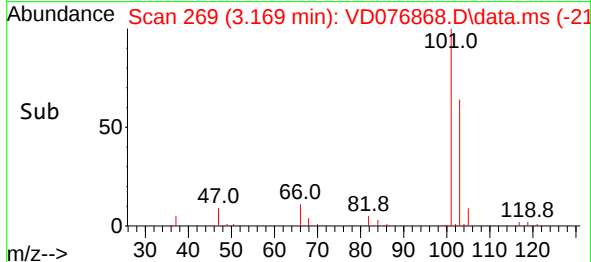
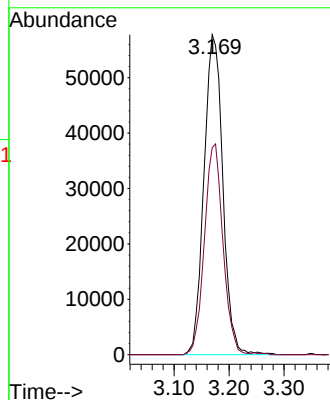
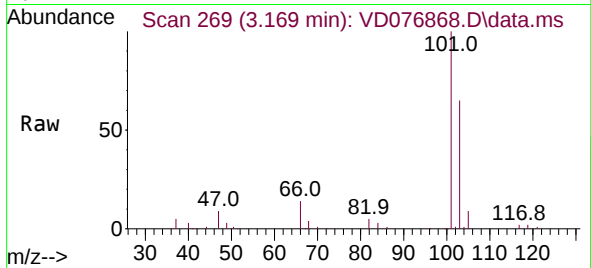
#7
Trichlorofluoromethane
Concen: 50.249 ug/l
RT: 3.169 min Scan# 268
Delta R.T. 0.005 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 137590
Ion Ratio Lower Upper
101 100
103 64.7 52.3 78.5

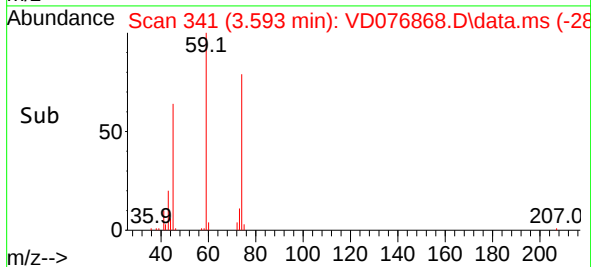
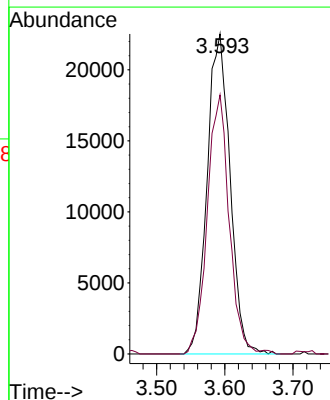
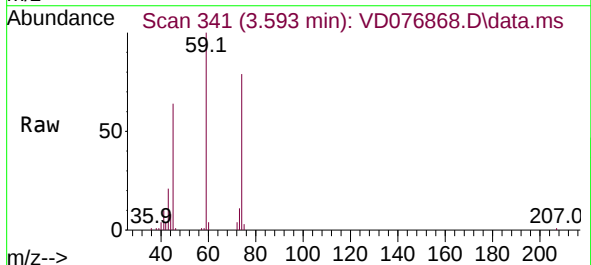
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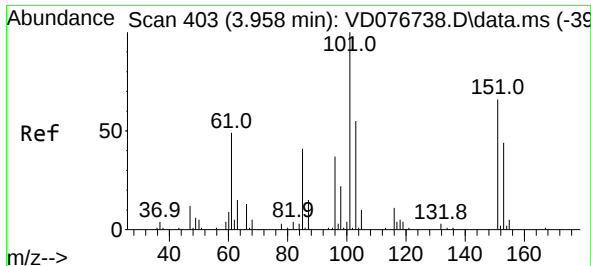
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#8
Diethyl Ether
Concen: 55.979 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Tgt Ion: 74 Resp: 52774
Ion Ratio Lower Upper
74 100
45 77.0 37.5 112.7





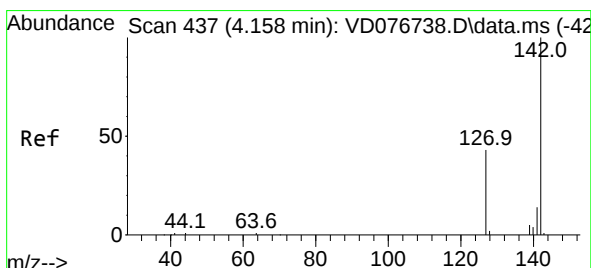
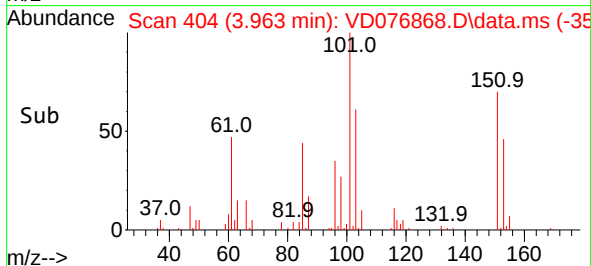
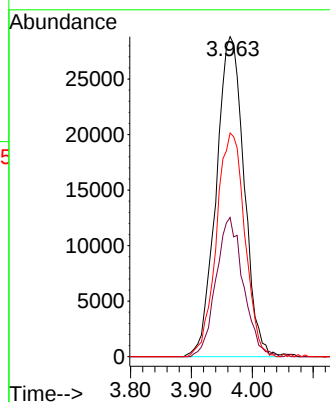
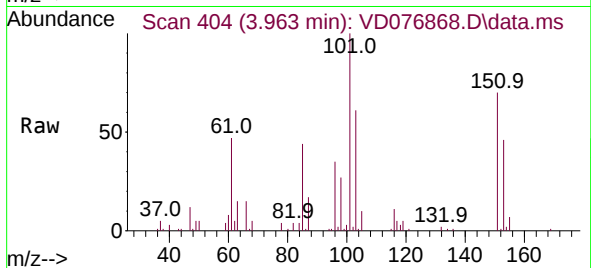
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.902 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.005 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 91618
Ion Ratio Lower Upper
101 100
85 42.6 33.8 50.6
151 71.1 59.8 89.6

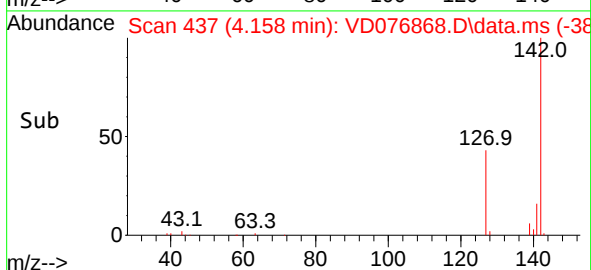
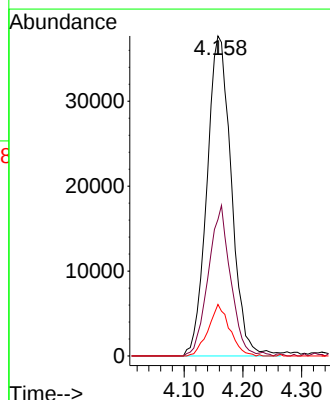
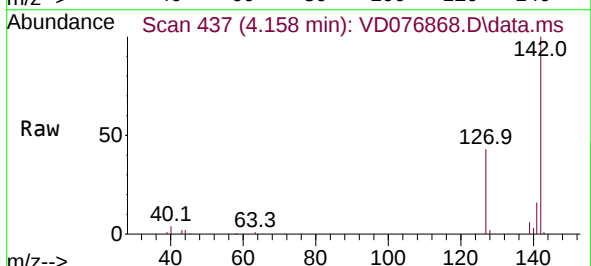
Manual Integrations
APPROVED

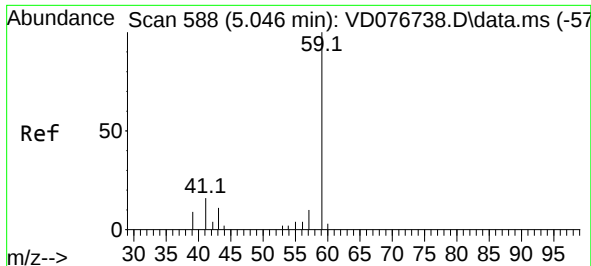
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#10
Methyl Iodide
Concen: 53.595 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Tgt Ion:142 Resp: 108742
Ion Ratio Lower Upper
142 100
127 42.8 29.4 44.0
141 14.2 11.1 16.7





#11

Tert butyl alcohol

Concen: 303.758 ug/l

RT: 5.046 min Scan# 588

Delta R.T. -0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 59 Resp: 38630

Ion Ratio Lower Upper

59 100

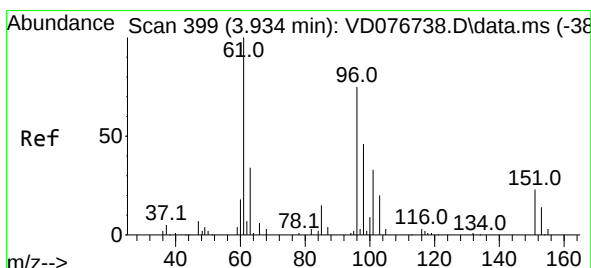
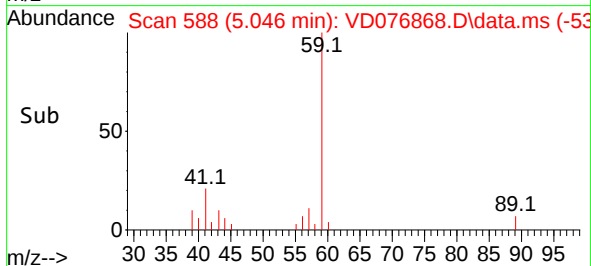
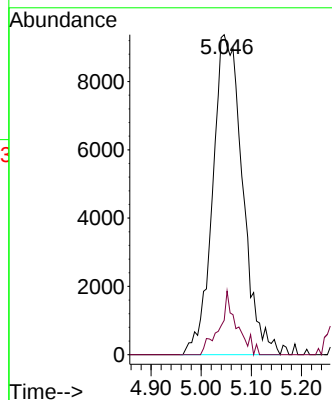
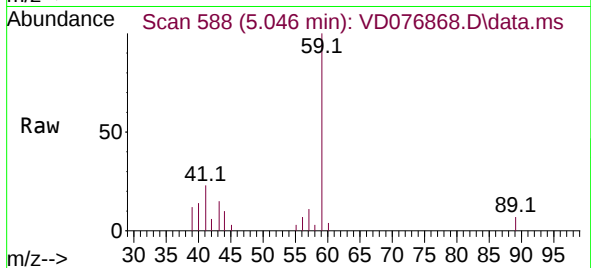
57 11.7 7.8 11.8

Manual Integrations

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Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#12

1,1-Dichloroethene

Concen: 49.383 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

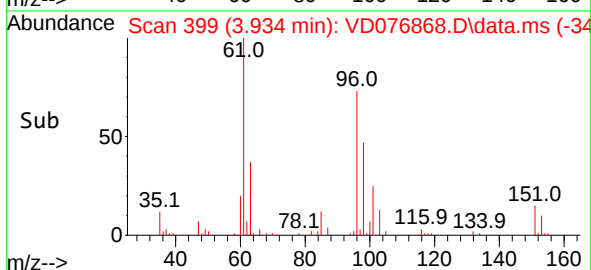
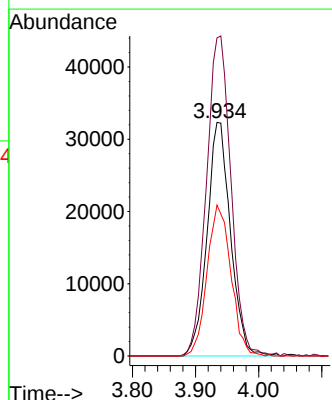
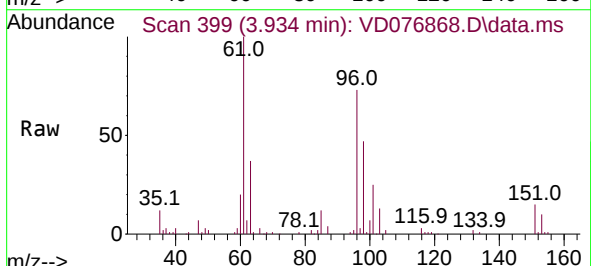
Tgt Ion: 96 Resp: 83509

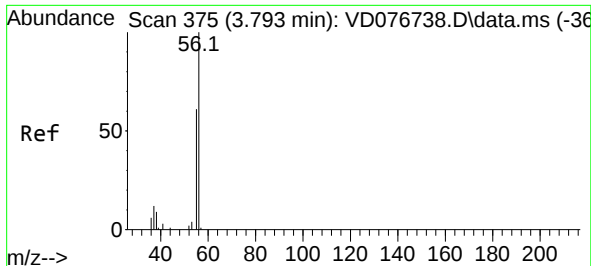
Ion Ratio Lower Upper

96 100

61 136.2 100.6 150.8

98 64.5 50.2 75.2





#13

Acrolein

Concen: 288.621 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 2501

Ion Ratio Lower Upper

56 100

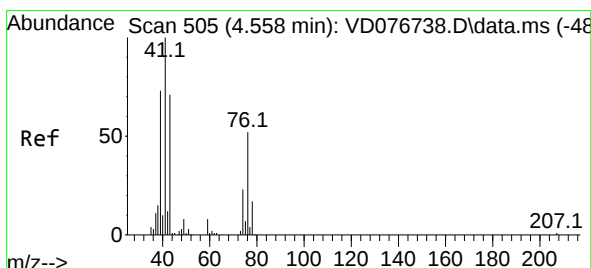
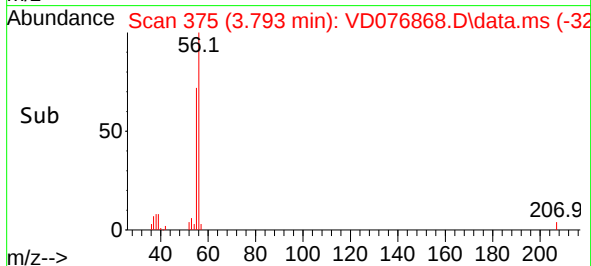
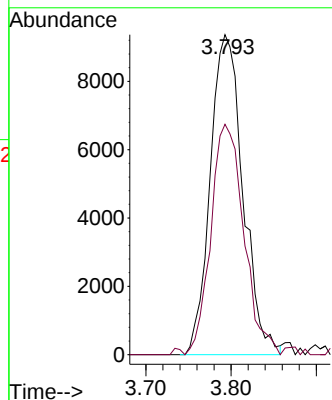
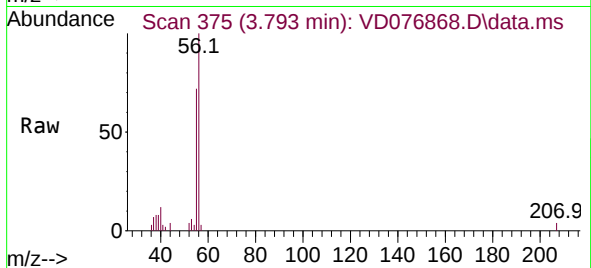
55 72.4 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#14

Allyl chloride

Concen: 52.152 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

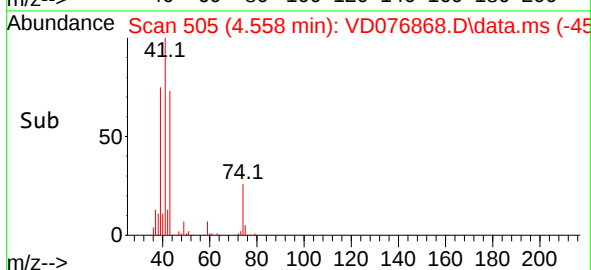
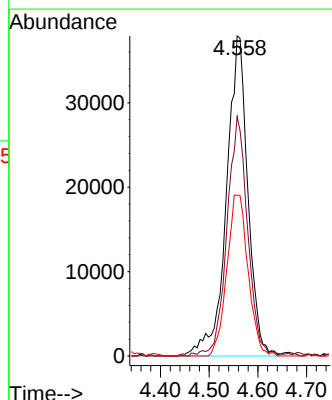
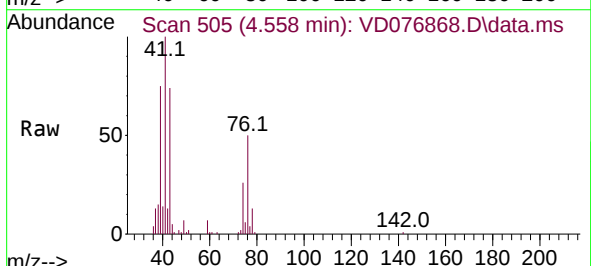
Tgt Ion: 41 Resp: 115853

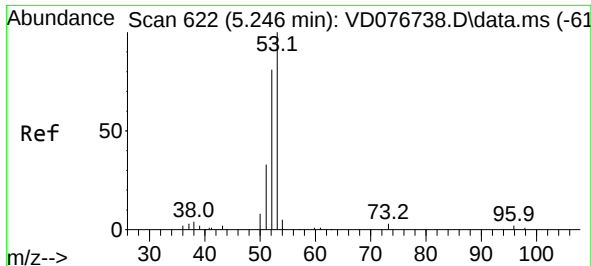
Ion Ratio Lower Upper

41 100

39 72.4 53.8 80.6

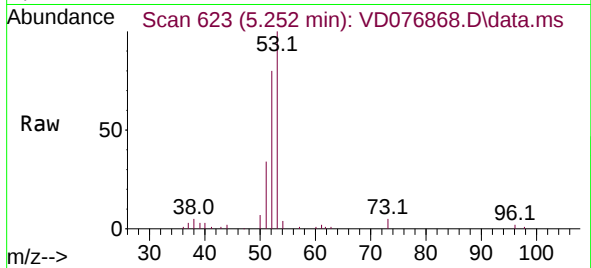
76 49.7 45.8 68.8





#15
Acrylonitrile
Concen: 284.479 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

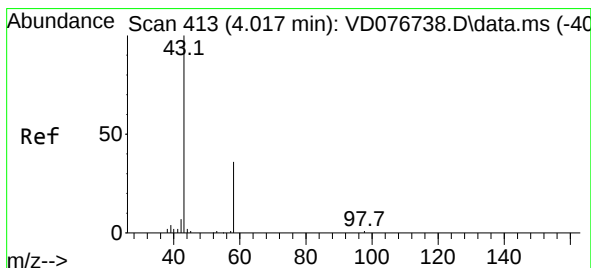
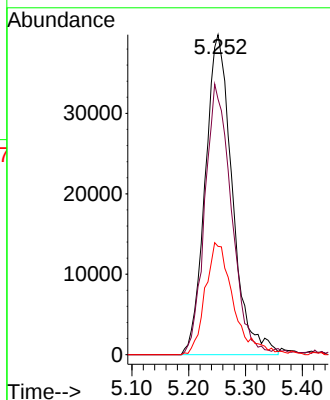
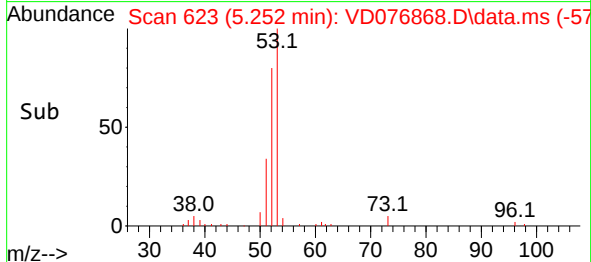
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 13172
Ion Ratio Lower Upper
53 100
52 82.8 65.0 97.4
51 36.2 28.3 42.5

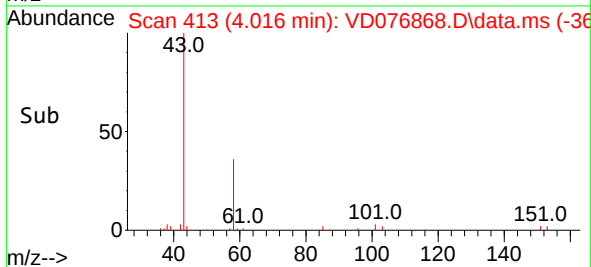
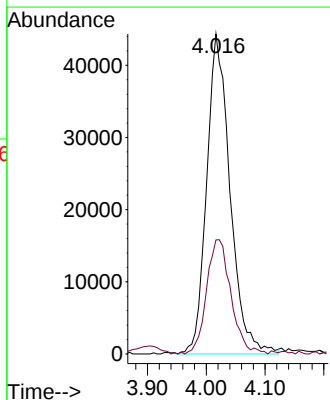
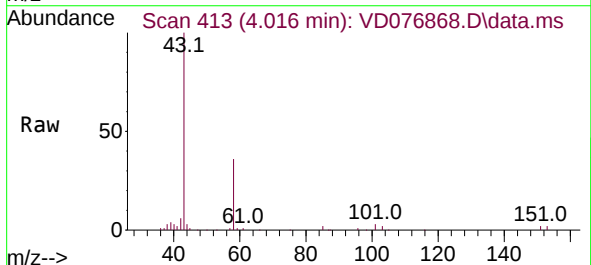
Manual Integrations
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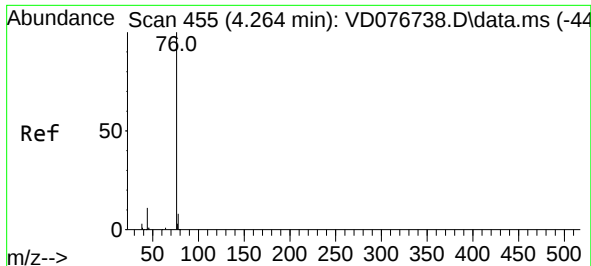
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#16
Acetone
Concen: 301.527 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

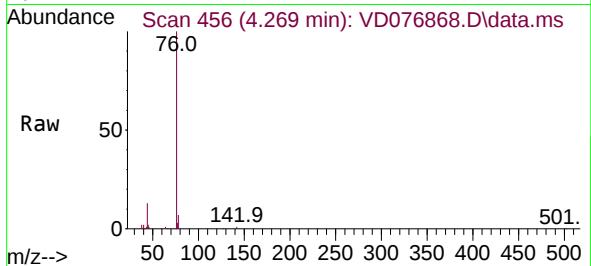
Tgt Ion: 43 Resp: 122744
Ion Ratio Lower Upper
43 100
58 35.7 34.7 52.1





#17
Carbon Disulfide
Concen: 45.850 ug/l
RT: 4.269 min Scan# 455
Delta R.T. 0.005 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

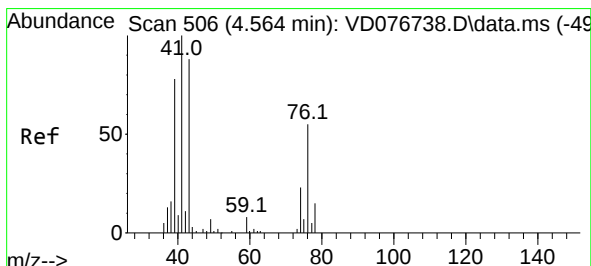
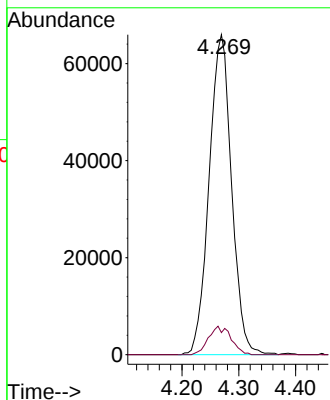
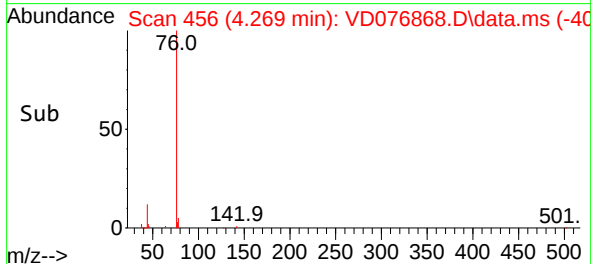
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 181092
Ion Ratio Lower Upper
76 100
78 6.9 6.8 10.2

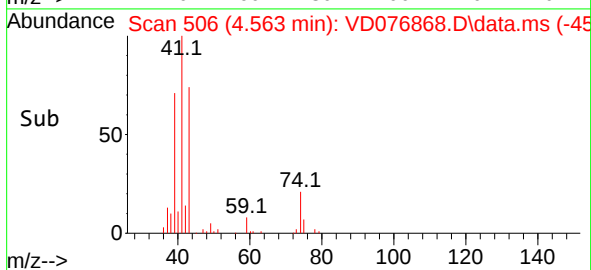
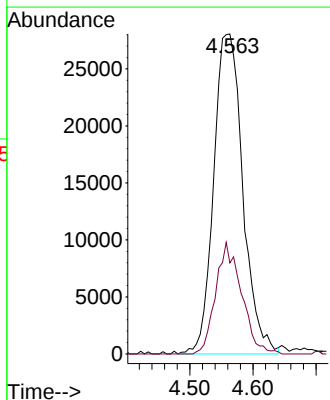
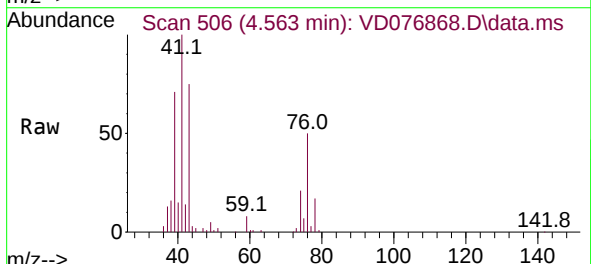
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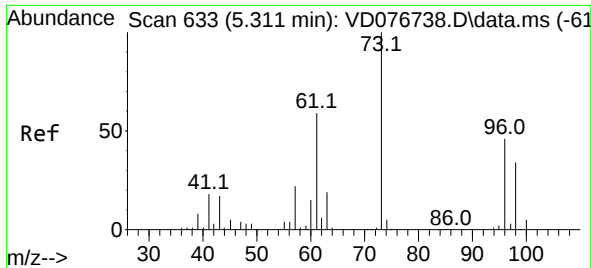
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#18
Methyl Acetate
Concen: 58.795 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Tgt Ion: 43 Resp: 89923
Ion Ratio Lower Upper
43 100
74 30.9 26.4 39.6





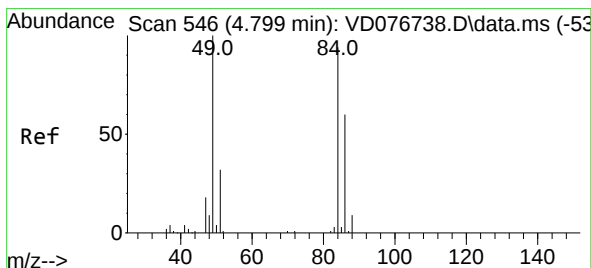
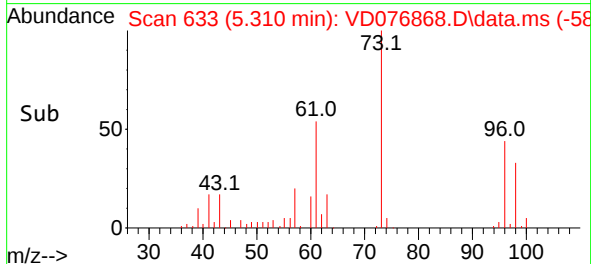
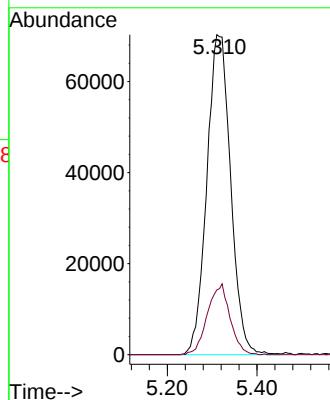
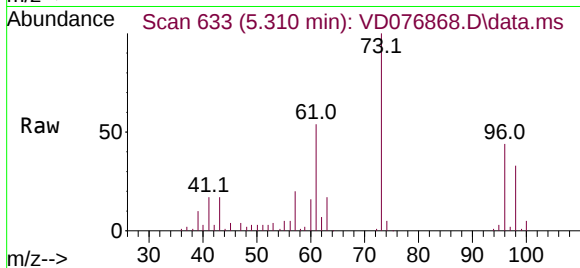
#19
Methyl tert-butyl Ether
Concen: 57.221 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 259490
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0

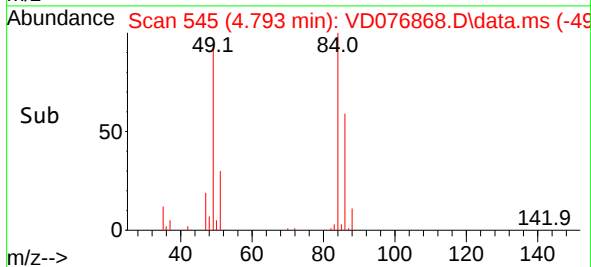
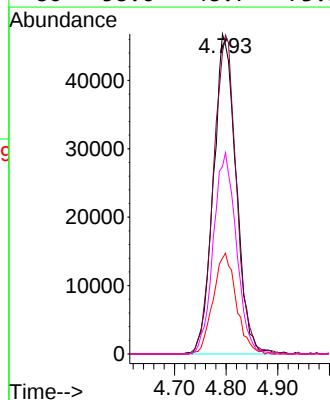
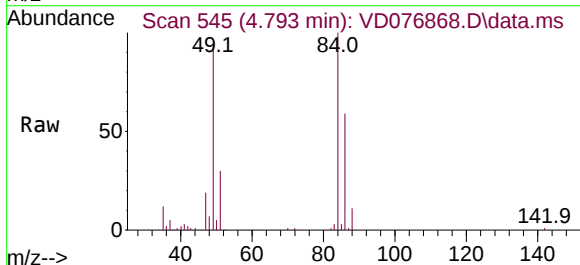
Manual Integrations
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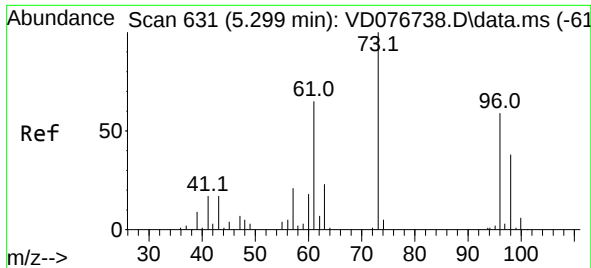
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#20
Methylene Chloride
Concen: 61.019 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

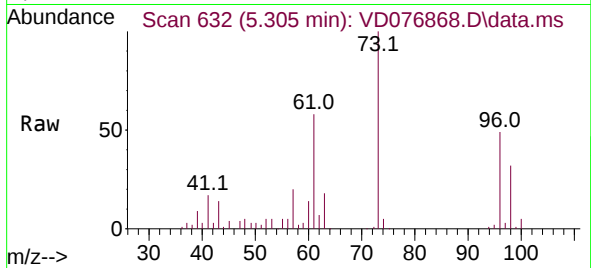
Tgt Ion: 84 Resp: 142405
Ion Ratio Lower Upper
84 100
49 94.1 71.4 107.2
51 29.9 24.5 36.7
86 58.6 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 52.317 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

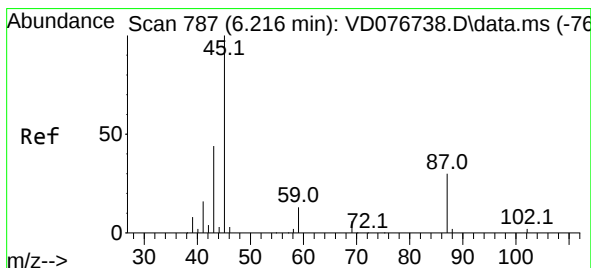
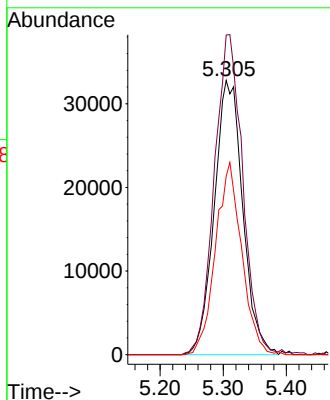
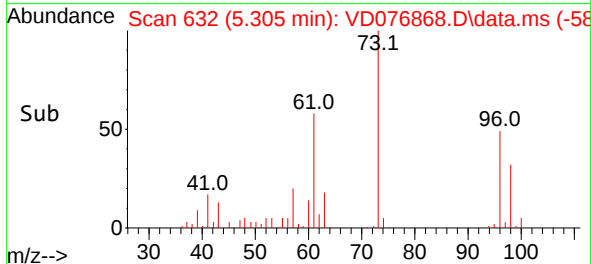
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



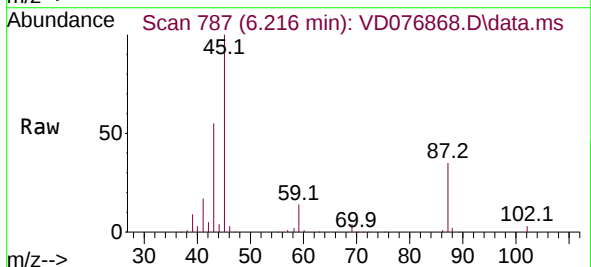
Tgt Ion: 96 Resp: 10283
Ion Ratio Lower Upper
96 100
61 116.6 89.3 133.9
98 65.2 48.6 73.0

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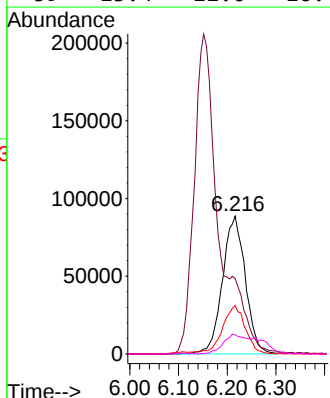
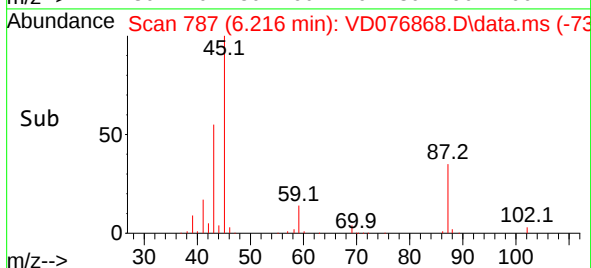
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

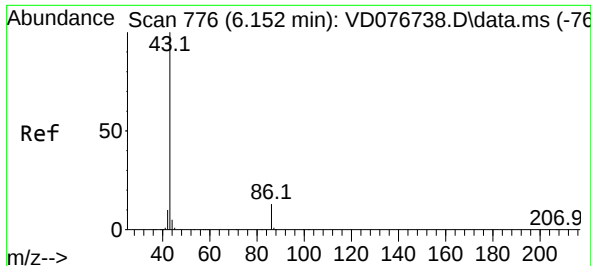


#22
Diisopropyl ether
Concen: 55.059 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



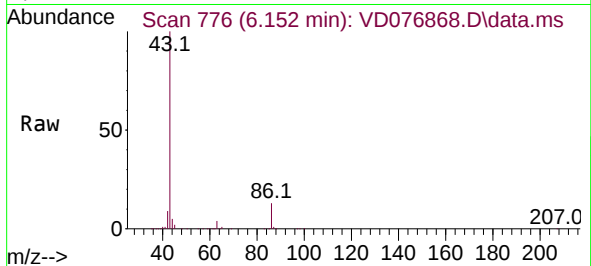
Tgt Ion: 45 Resp: 289628
Ion Ratio Lower Upper
45 100
43 52.9 40.0 60.0
87 34.7 28.2 42.4
59 13.4 11.0 16.4





#23
 Vinyl Acetate
 Concen: 282.438 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076868.D
 Acq: 31 Jul 2023 12:09

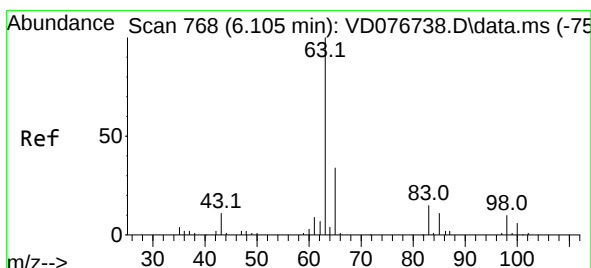
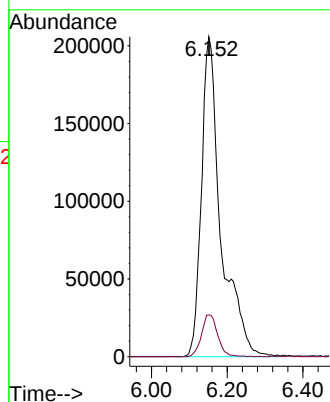
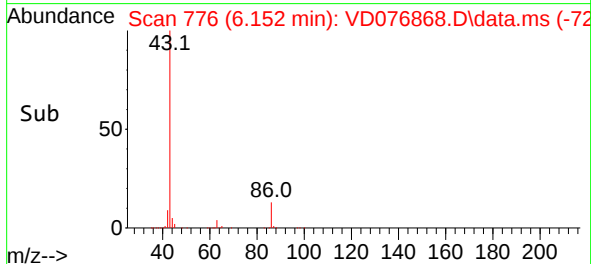
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



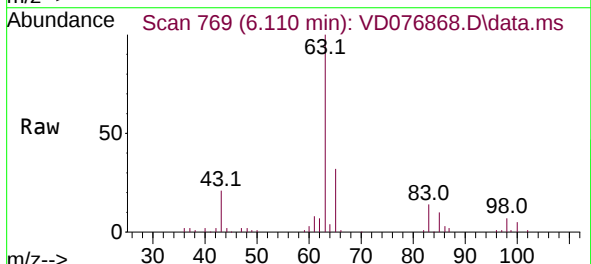
Tgt Ion: 43 Resp: 73511
 Ion Ratio Lower Upper
 43 100
 86 13.1 12.5 18.7

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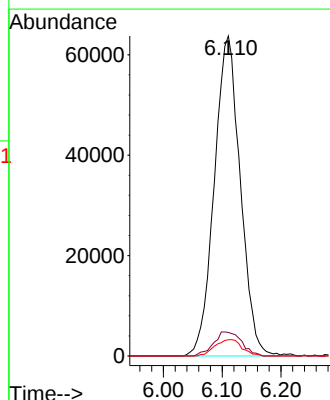
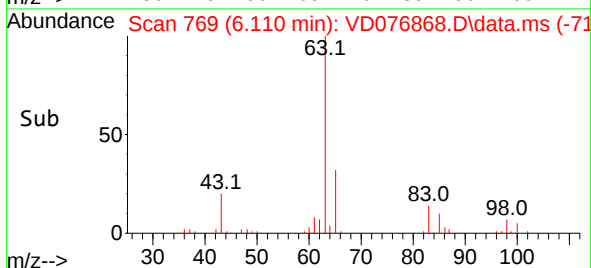
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

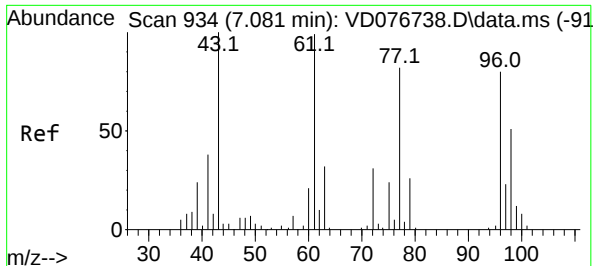


#24
 1,1-Dichloroethane
 Concen: 55.250 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.005 min
 Lab File: VD076868.D
 Acq: 31 Jul 2023 12:09



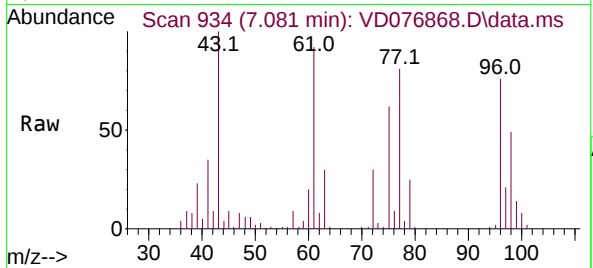
Tgt Ion: 63 Resp: 195955
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.5 13.7
 100 5.0 2.5 7.5





#25
2-Butanone
Concen: 310.529 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

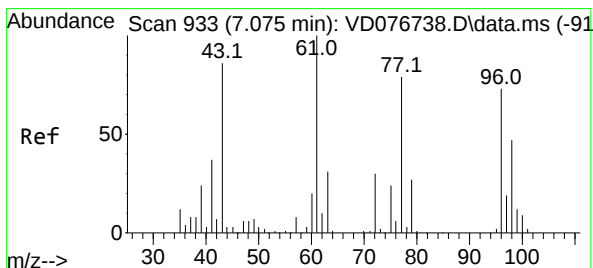
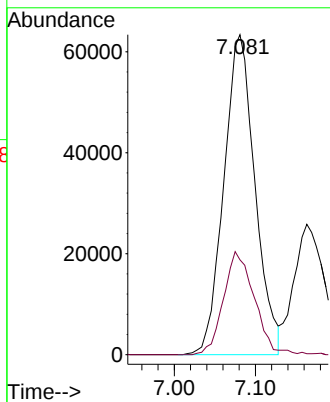
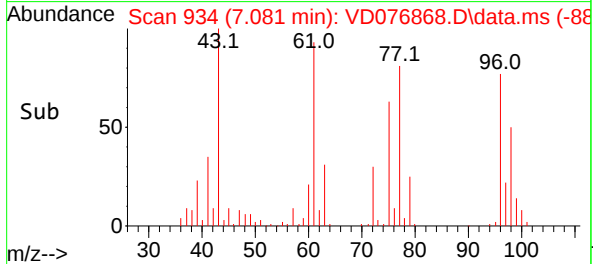
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



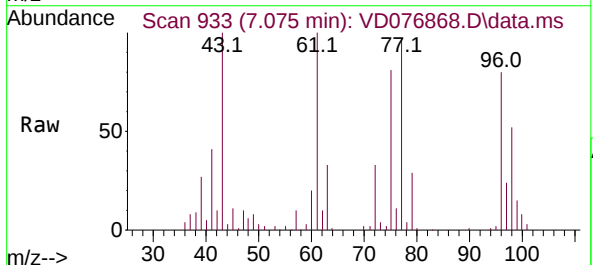
Tgt Ion: 43 Resp: 169179
Ion Ratio Lower Upper
43 100
72 29.7 30.7 46.1

Manual Integrations
APPROVED

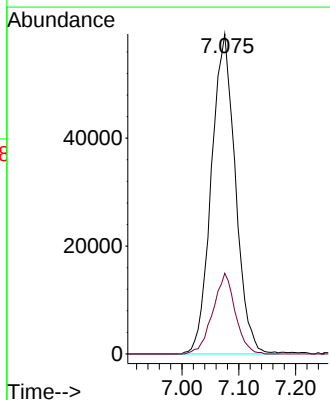
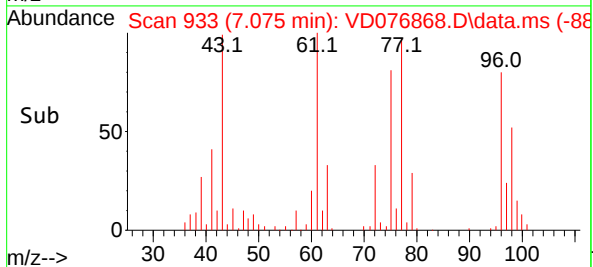
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#26
2,2-Dichloropropane
Concen: 56.997 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



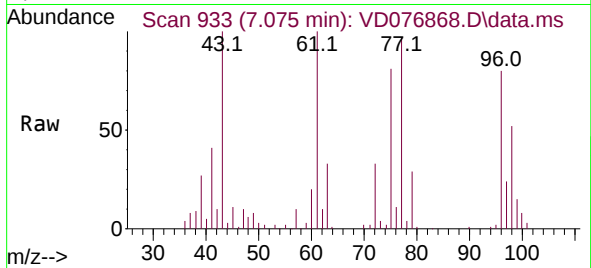
Tgt Ion: 77 Resp: 174259
Ion Ratio Lower Upper
77 100
97 23.5 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 55.012 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076868.D
 Acq: 31 Jul 2023 12:09

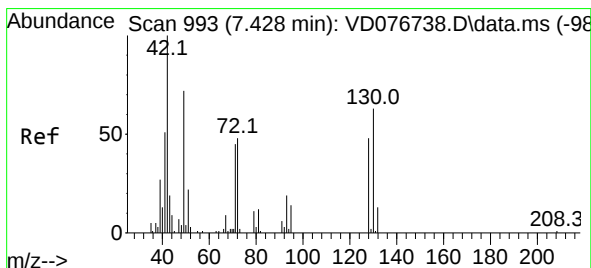
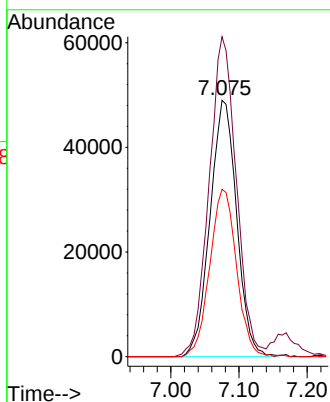
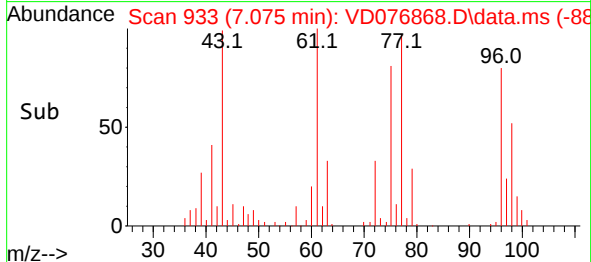
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050



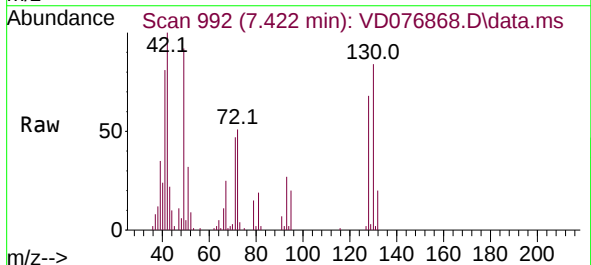
Tgt Ion: 96 Resp: 13330
 Ion Ratio Lower Upper
 96 100
 61 127.6 0.0 239.2
 98 65.4 0.0 128.6

Manual Integrations
 APPROVED

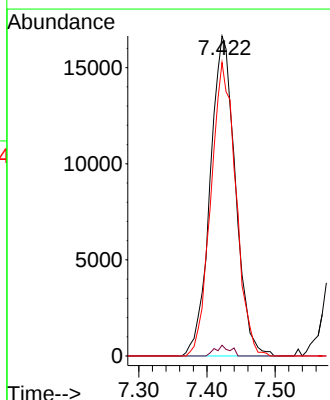
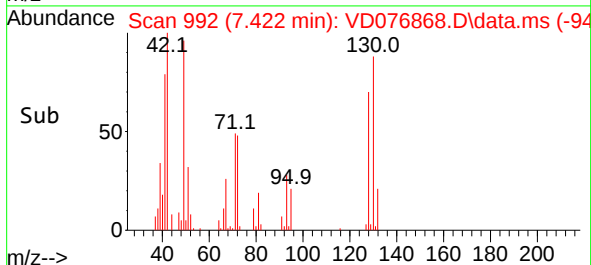
Reviewed By :John Carlone 08/01/2023
 Supervised By :Mahesh Dadoda 08/01/2023

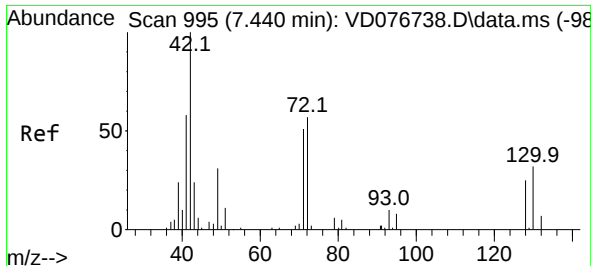


#28
 Bromochloromethane
 Concen: 48.407 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076868.D
 Acq: 31 Jul 2023 12:09



Tgt Ion: 49 Resp: 42923
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 6.0
 130 90.6 83.2 124.8





#29

Tetrahydrofuran

Concen: 295.247 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 95038

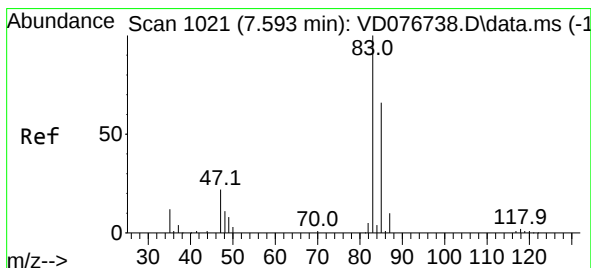
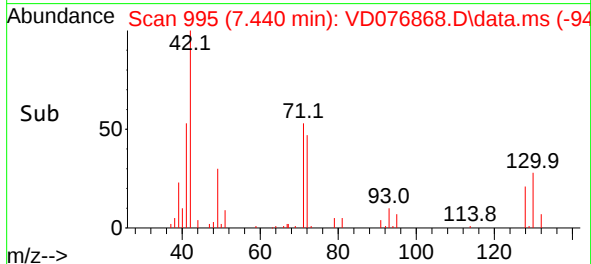
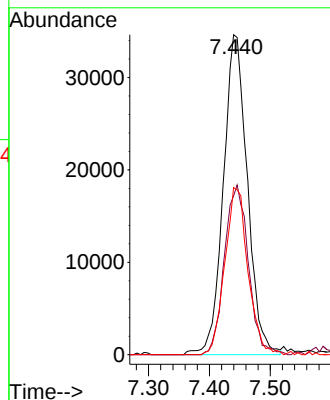
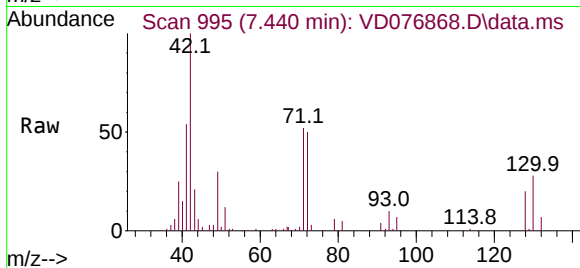
Ion	Ratio	Lower	Upper
42	100		
72	52.8	46.5	69.7
71	50.3	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#30

Chloroform

Concen: 56.881 ug/l

RT: 7.593 min Scan# 1021

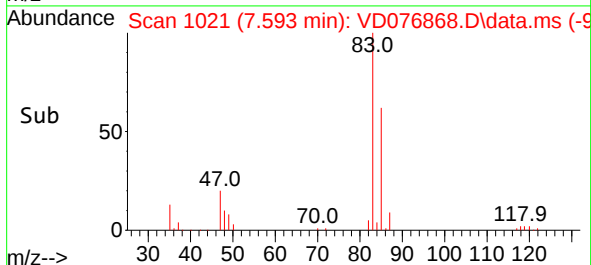
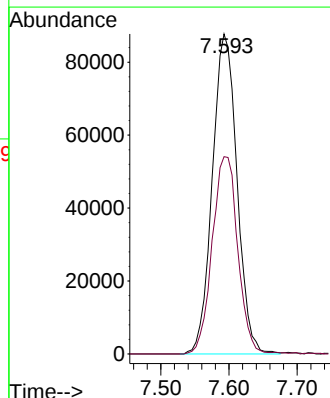
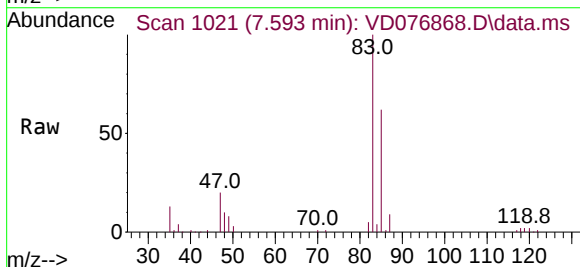
Delta R.T. -0.000 min

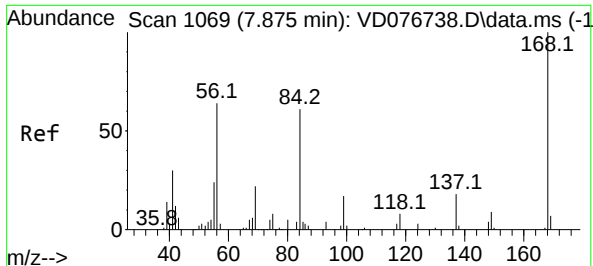
Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Tgt Ion: 83 Resp: 220960

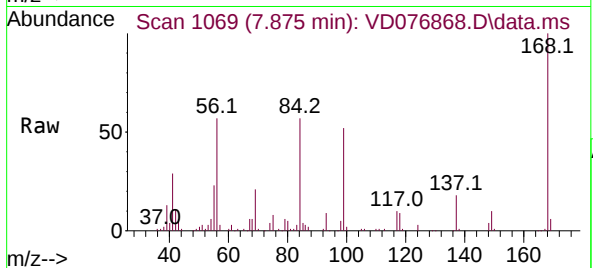
Ion	Ratio	Lower	Upper
83	100		
85	61.7	53.4	80.2





#31
Cyclohexane
Concen: 43.958 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

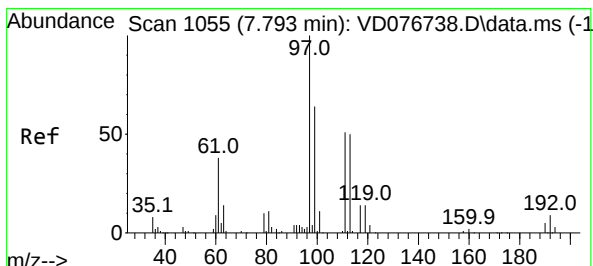
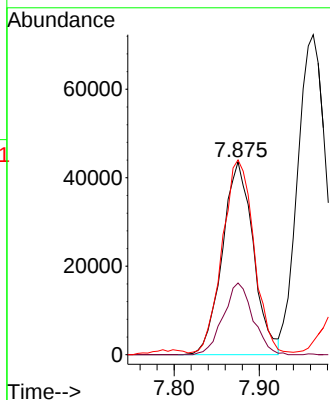
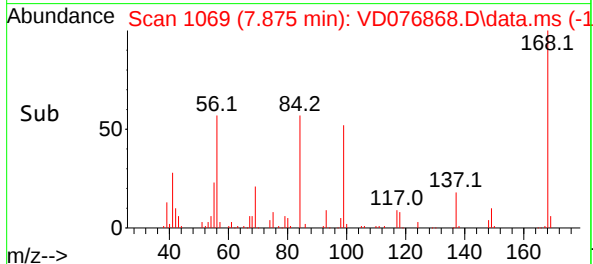
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



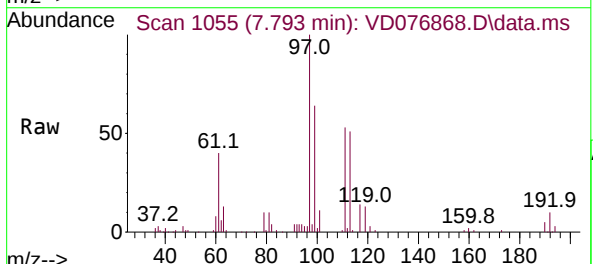
Tgt Ion: 56 Resp: 110270
Ion Ratio Lower Upper
56 100
69 37.2 28.6 43.0
84 98.8 84.8 127.2

Manual Integrations
APPROVED

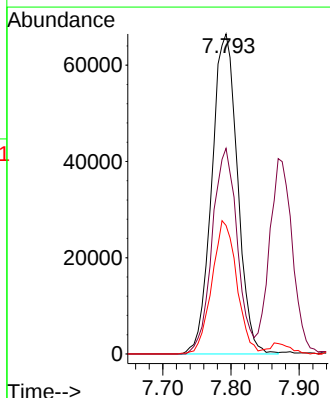
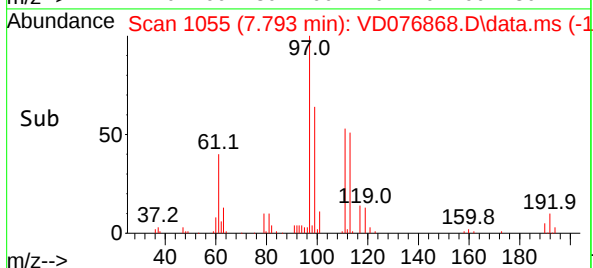
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

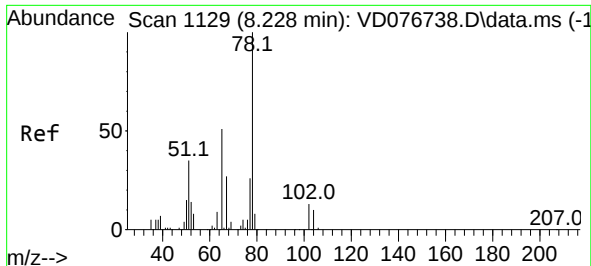


#32
1,1,1-Trichloroethane
Concen: 55.785 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



Tgt Ion: 97 Resp: 174842
Ion Ratio Lower Upper
97 100
99 62.6 52.0 78.0
61 40.4 33.8 50.8





#33
1,2-Dichloroethane-d4
Concen: 52.917 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

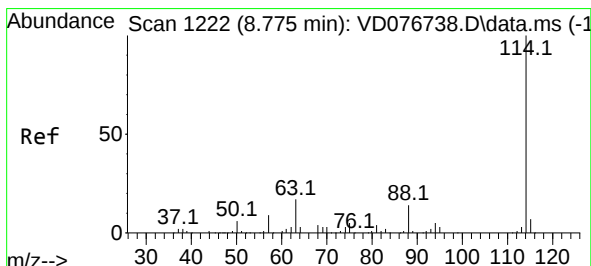
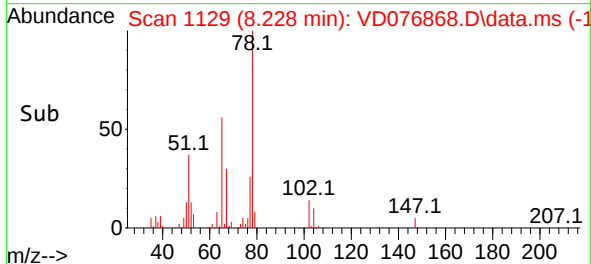
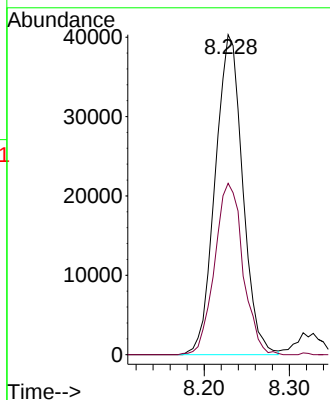
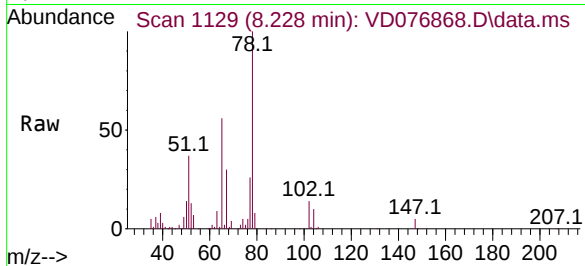
VSTDCCC050

Tgt Ion: 65 Resp: 90198
Ion Ratio Lower Upper
65 100
67 55.3 0.0 115.0

Manual Integrations

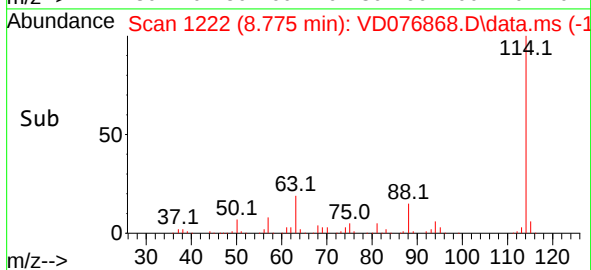
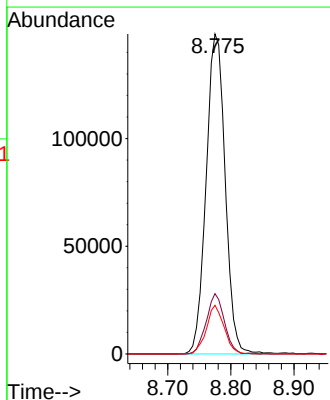
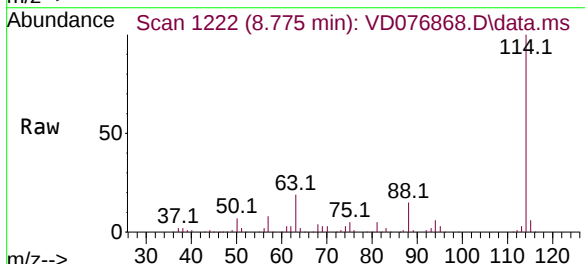
APPROVED

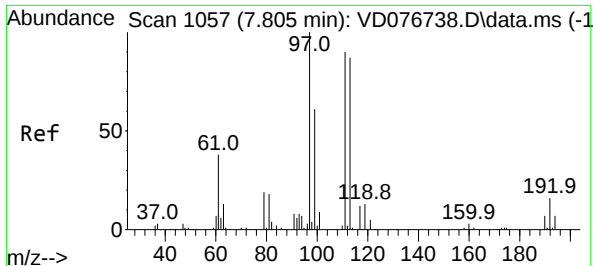
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Tgt Ion:114 Resp: 311928
Ion Ratio Lower Upper
114 100
63 18.8 0.0 33.4
88 15.2 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.751 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 10536

Ion Ratio Lower Upper

113 100

111 102.4 84.7 127.1

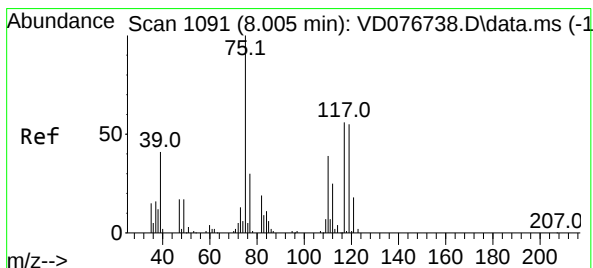
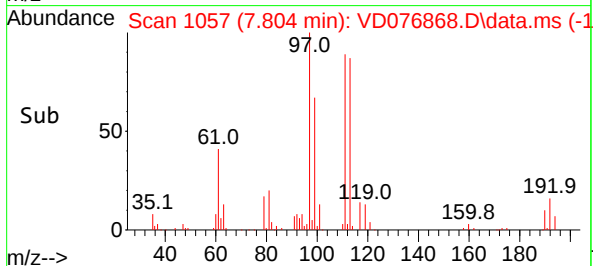
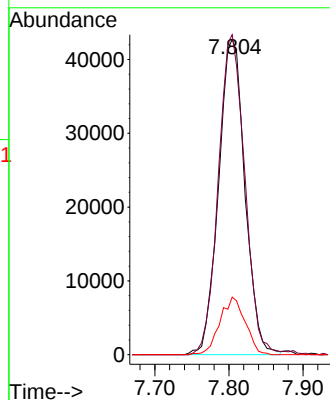
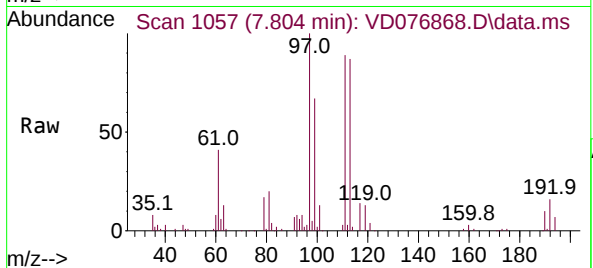
192 17.6 16.8 25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#36

1,1-Dichloropropene

Concen: 52.758 ug/l

RT: 8.004 min Scan# 1091

Delta R.T. -0.001 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

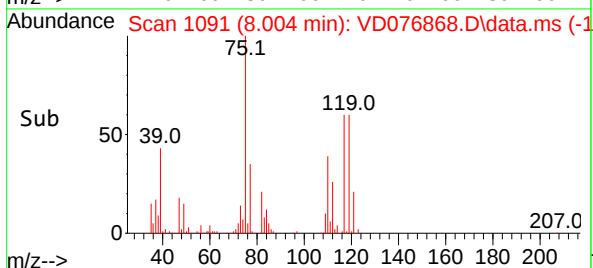
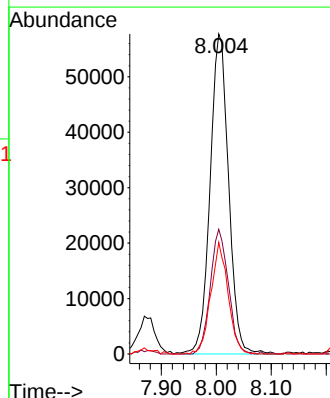
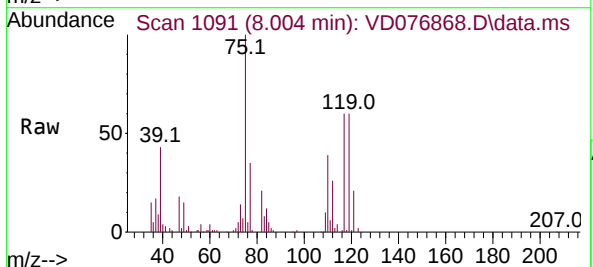
Tgt Ion: 75 Resp: 135135

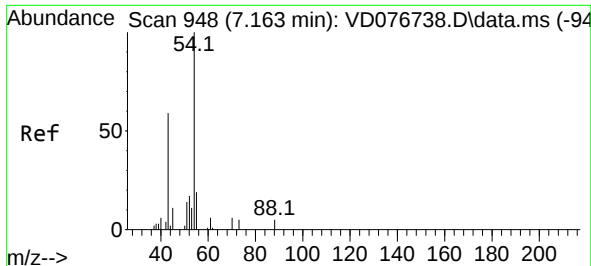
Ion Ratio Lower Upper

75 100

110 37.8 19.9 59.6

77 32.6 24.7 37.1





#37

Ethyl Acetate

Concen: 59.766 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 6846

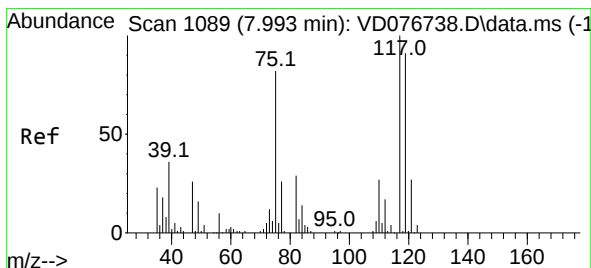
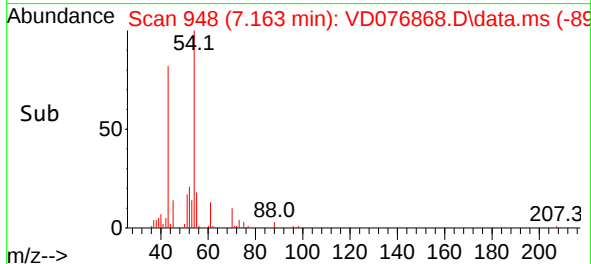
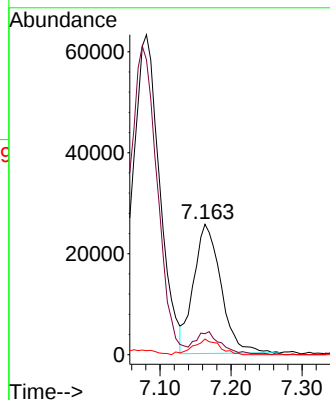
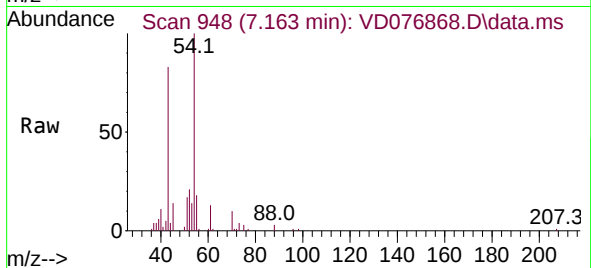
Ion	Ratio	Lower	Upper
43	100		
61	14.8	14.9	22.3
70	11.3	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#38

Carbon Tetrachloride

Concen: 55.731 ug/l

RT: 7.993 min Scan# 1089

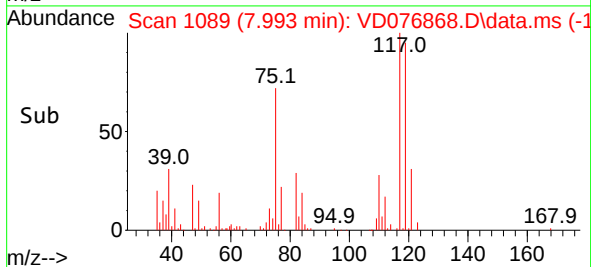
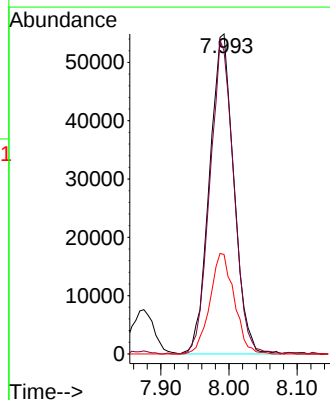
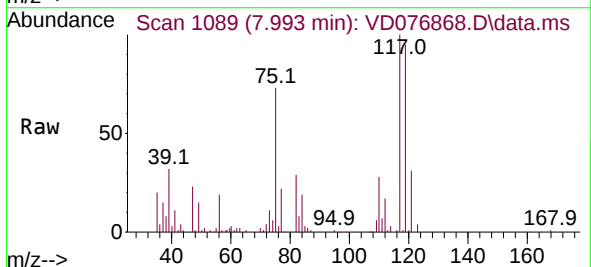
Delta R.T. -0.000 min

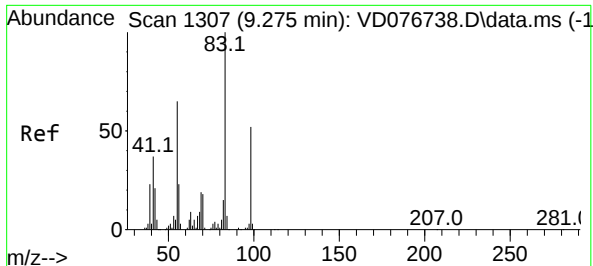
Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Tgt Ion:117 Resp: 136685

Ion	Ratio	Lower	Upper
117	100		
119	94.7	78.0	117.0
121	31.1	24.2	36.2





#39

Methylcyclohexane

Concen: 47.077 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD076868.D

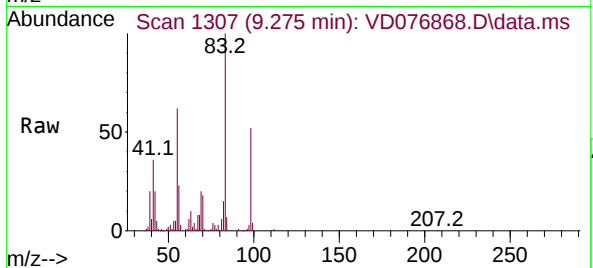
Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050



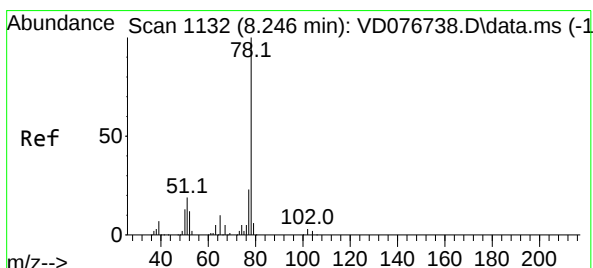
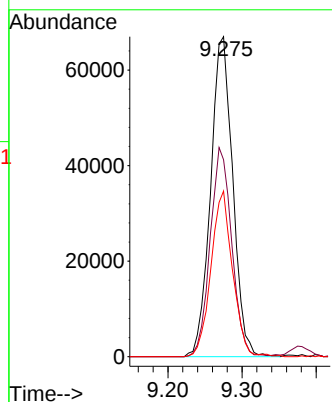
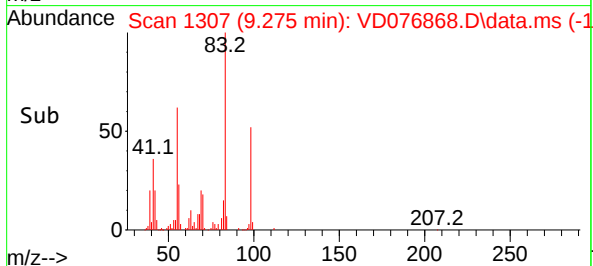
Tgt Ion:	83	Resp:	139234
Ion	Ratio	Lower	Upper
83	100		
55	61.5	49.4	74.0
98	51.7	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#40

Benzene

Concen: 54.436 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VD076868.D

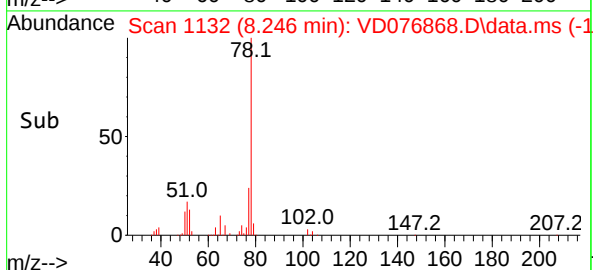
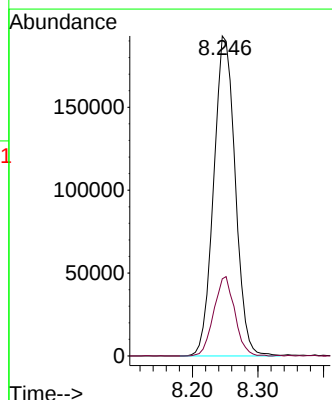
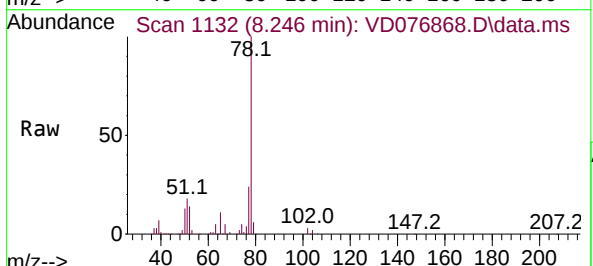
Acq: 31 Jul 2023 12:09

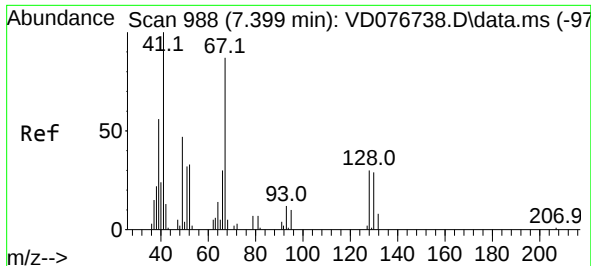
Tgt Ion: 78 Resp: 439948

Ion Ratio Lower Upper

78 100

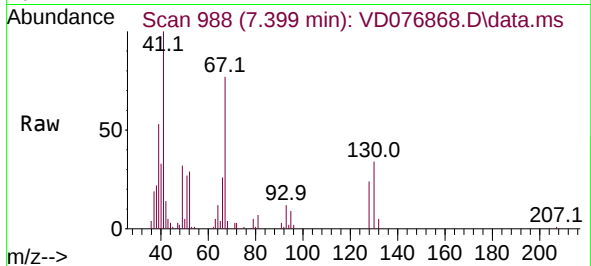
77 24.1 19.4 29.0





#41
Methacrylonitrile
Concen: 57.037 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

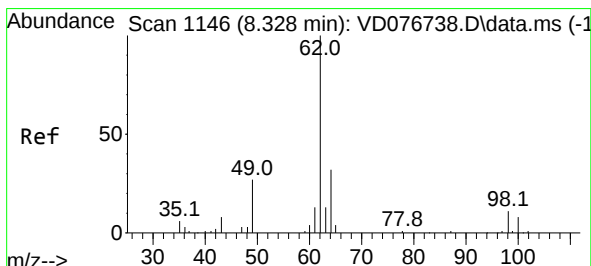
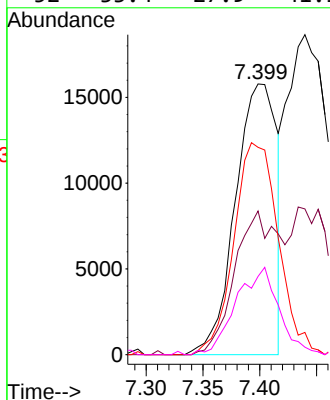
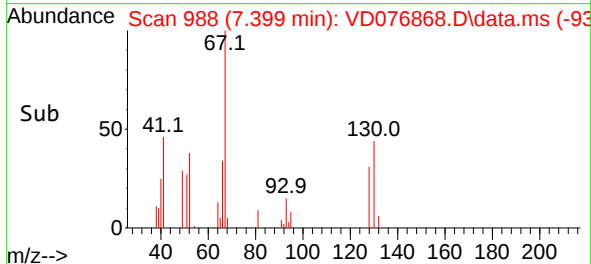
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 39898
Ion Ratio Lower Upper
41 100
39 58.1 34.0 51.0
67 84.2 77.0 115.4
52 33.4 27.9 41.9

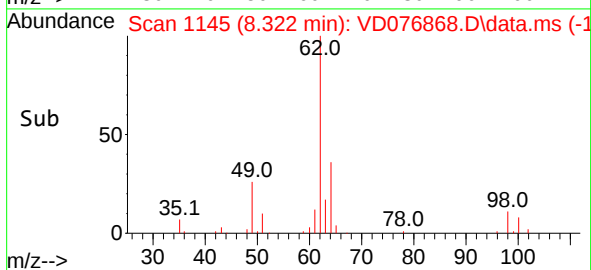
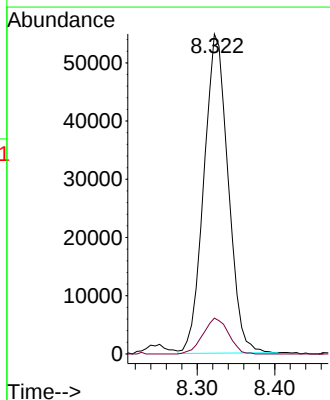
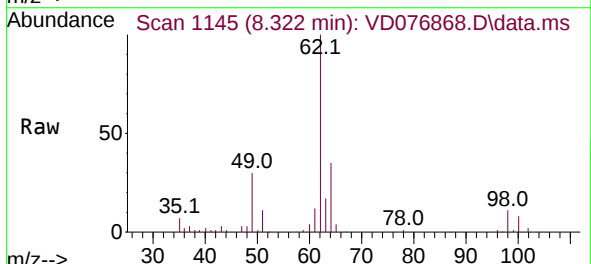
Manual Integrations
APPROVED

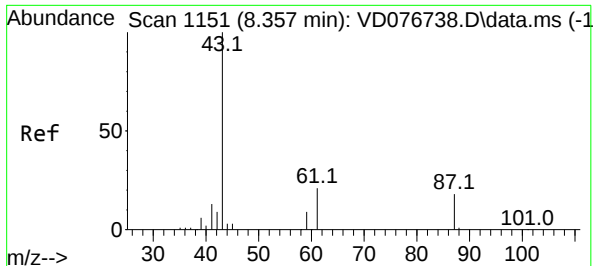
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#42
1,2-Dichloroethane
Concen: 56.926 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Tgt Ion: 62 Resp: 119540
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4





#43

Isopropyl Acetate

Concen: 57.675 ug/l

RT: 8.357 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 128934

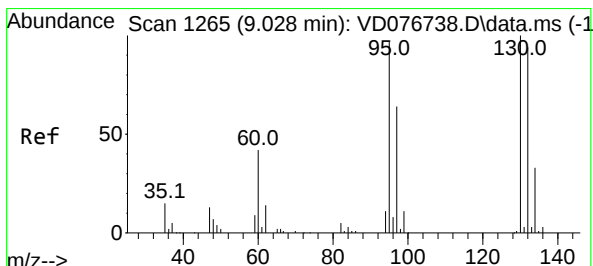
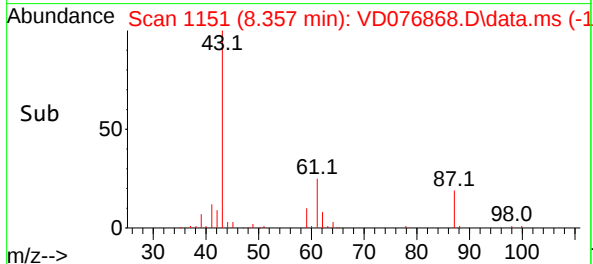
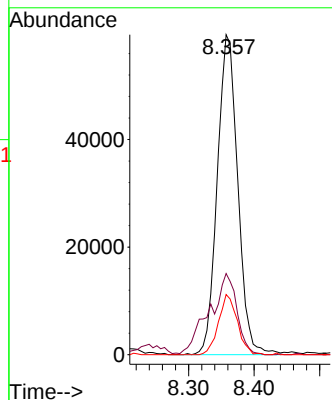
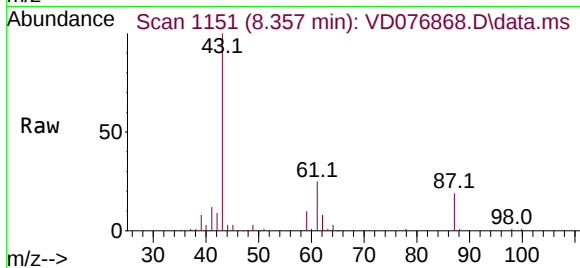
Ion	Ratio	Lower	Upper
43	100		
61	34.2	31.4	47.0
87	17.2	14.9	22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#44

Trichloroethene

Concen: 53.427 ug/l

RT: 9.028 min Scan# 1265

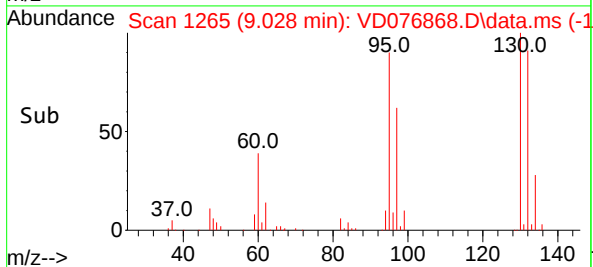
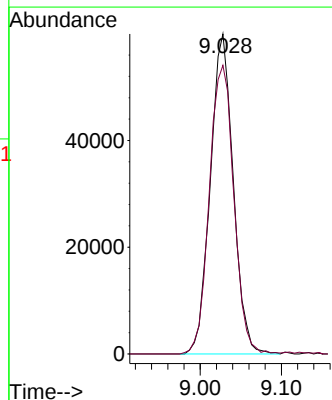
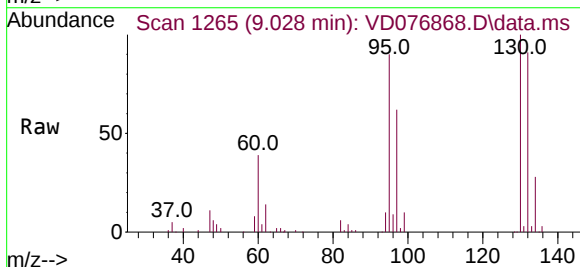
Delta R.T. -0.000 min

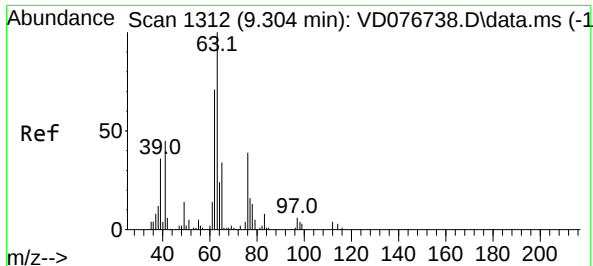
Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Tgt Ion:130 Resp: 117664

Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	179.2





#45

1,2-Dichloropropane

Concen: 56.183 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11721

Ion Ratio Lower Upper

63 100

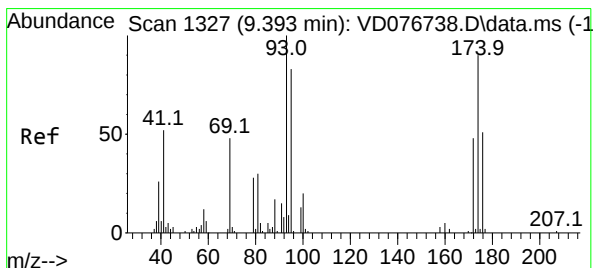
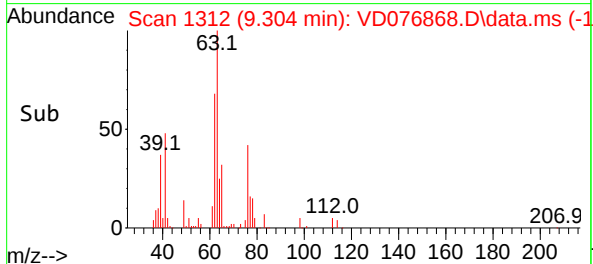
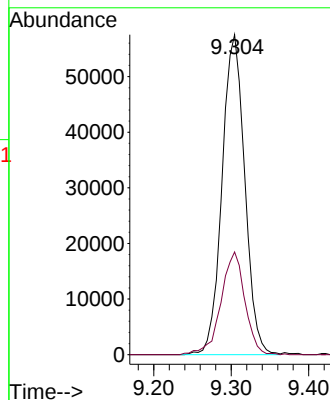
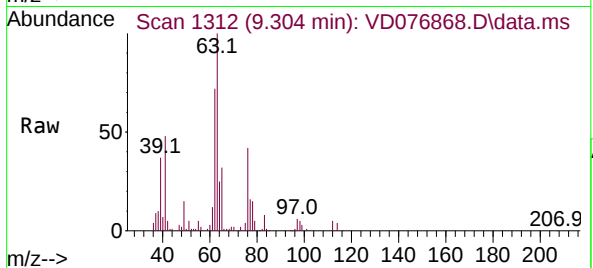
65 32.1 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#46

Dibromomethane

Concen: 58.514 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

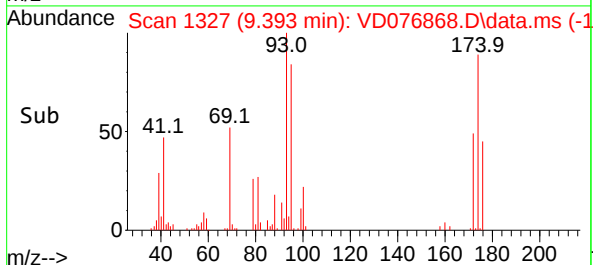
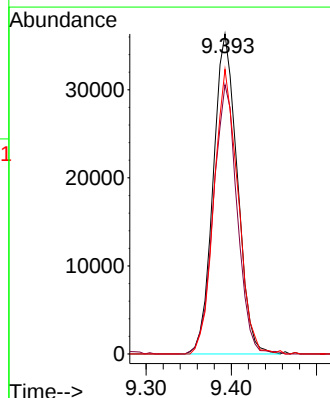
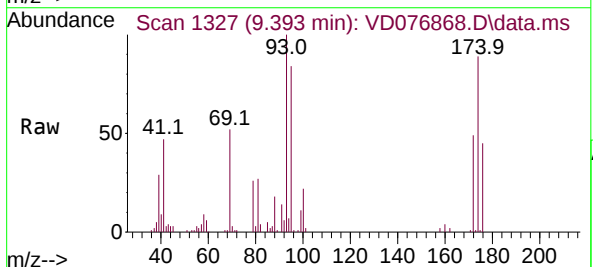
Tgt Ion: 93 Resp: 71455

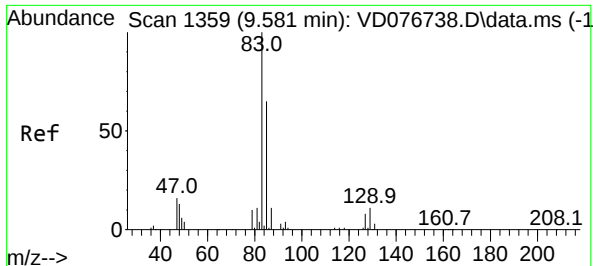
Ion Ratio Lower Upper

93 100

95 83.0 67.7 101.5

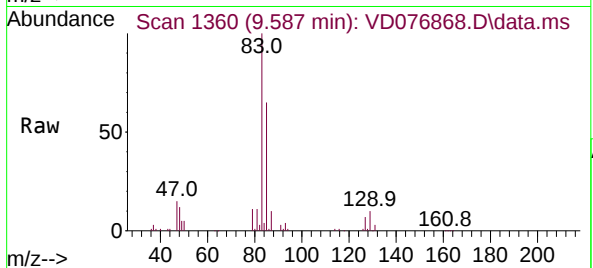
174 88.5 85.4 128.2





#47
Bromodichloromethane
Concen: 56.014 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

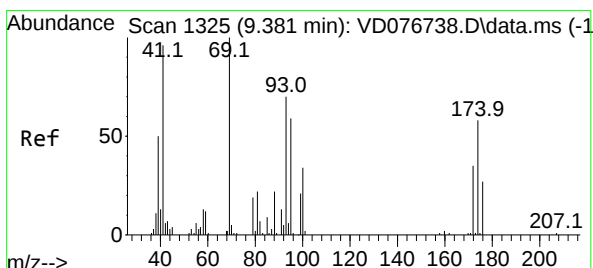
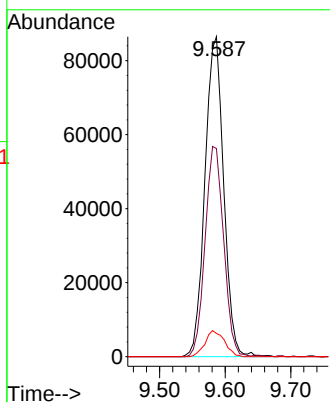
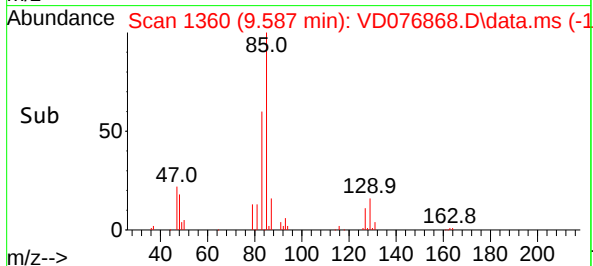
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



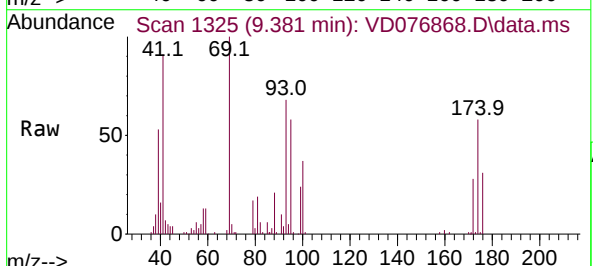
Tgt Ion: 83 Resp: 17165
Ion Ratio Lower Upper
83 100
85 65.1 50.2 75.4
127 7.3 6.3 9.5

Manual Integrations
APPROVED

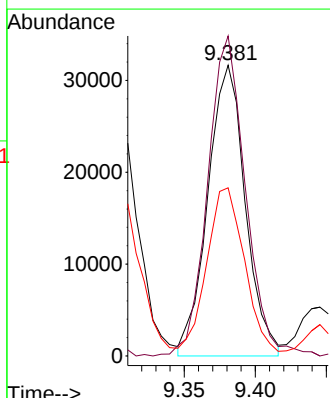
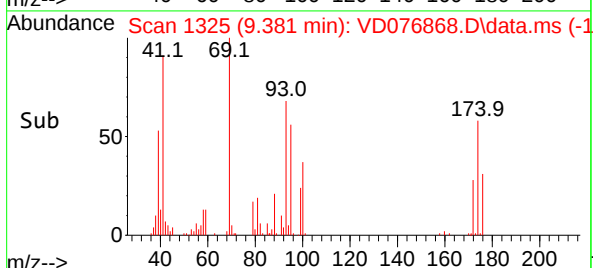
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

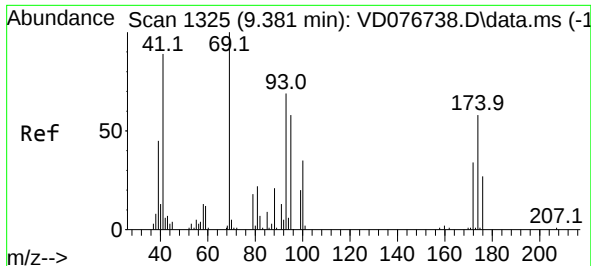


#48
Methyl methacrylate
Concen: 57.175 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



Tgt Ion: 41 Resp: 58174
Ion Ratio Lower Upper
41 100
69 110.6 102.2 153.2
39 59.0 41.4 62.2





#49

1,4-Dioxane

Concen: 1124.602 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

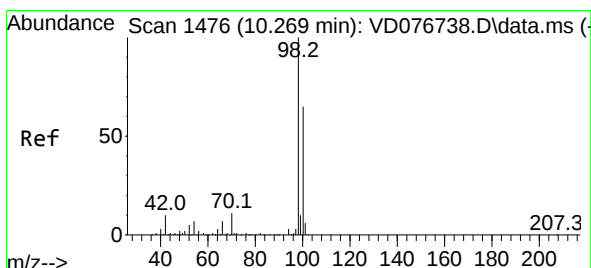
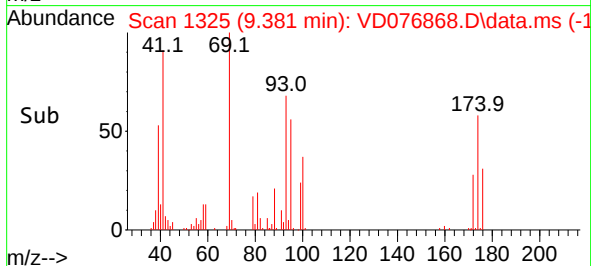
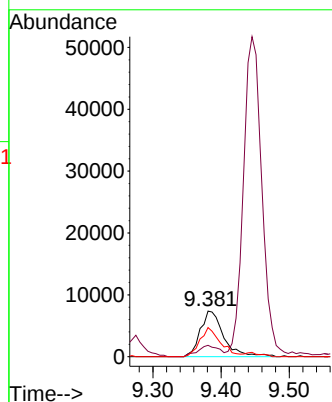
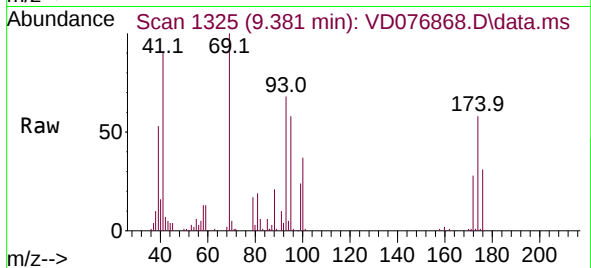
Tgt Ion:	88	Resp:	1759
Ion	Ratio	Lower	Upper
88	100		
43	22.3	19.0	28.6
58	55.7	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#50

Toluene-d8

Concen: 49.558 ug/l

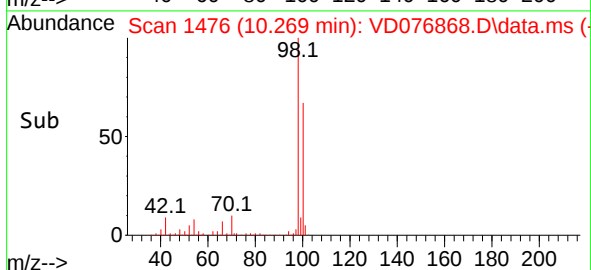
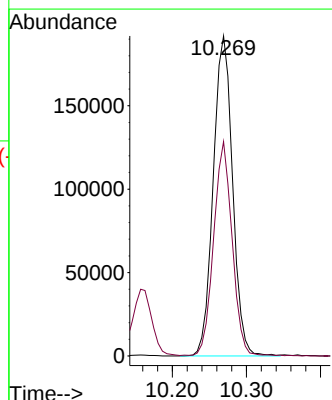
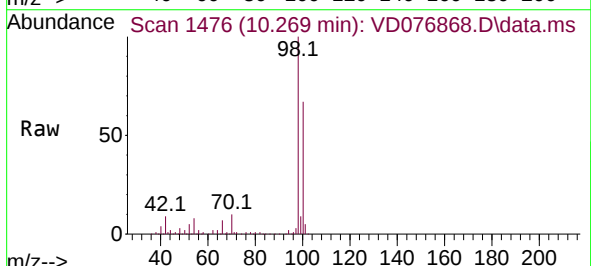
RT: 10.269 min Scan# 1476

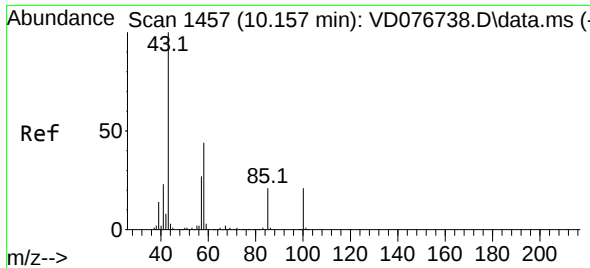
Delta R.T. -0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Tgt Ion:	98	Resp:	347513
Ion	Ratio	Lower	Upper
98	100		
100	64.3	50.3	75.5





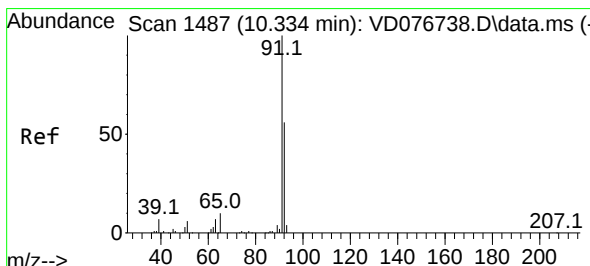
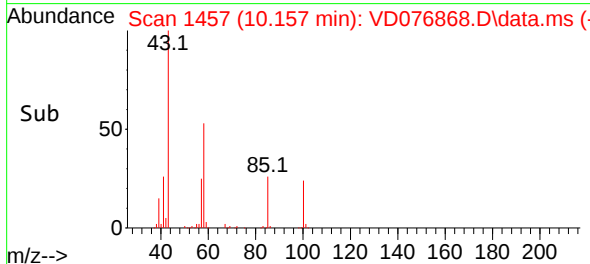
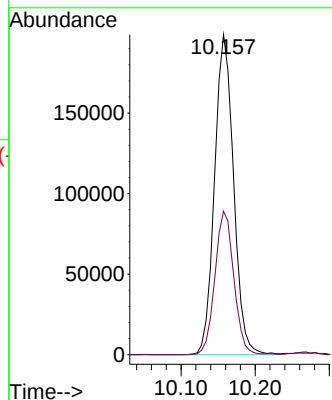
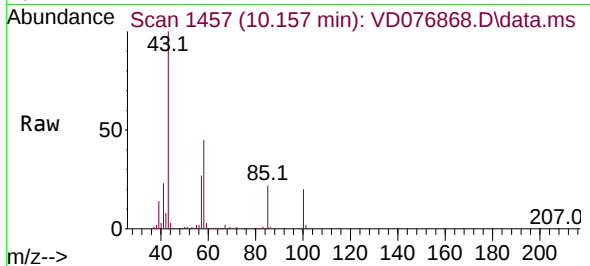
#51
4-Methyl-2-Pentanone
Concen: 297.634 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 354260
Ion Ratio Lower Upper
43 100
58 44.6 38.9 58.3

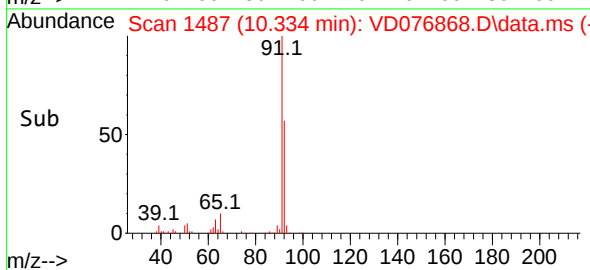
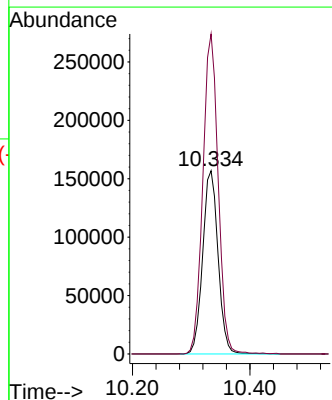
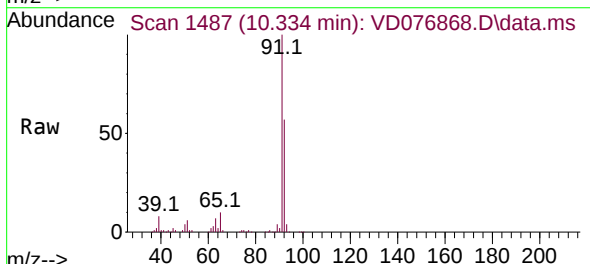
Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#52
Toluene
Concen: 53.650 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

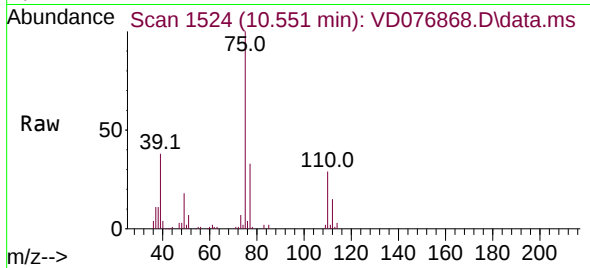
Tgt Ion: 92 Resp: 284775
Ion Ratio Lower Upper
92 100
91 174.3 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 56.765 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

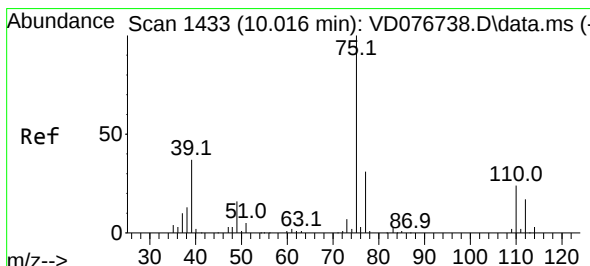
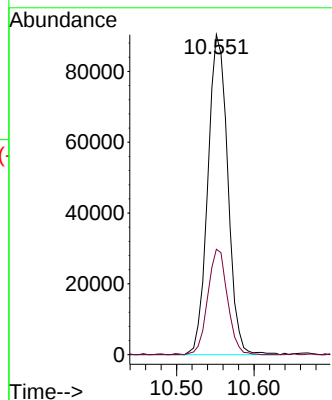
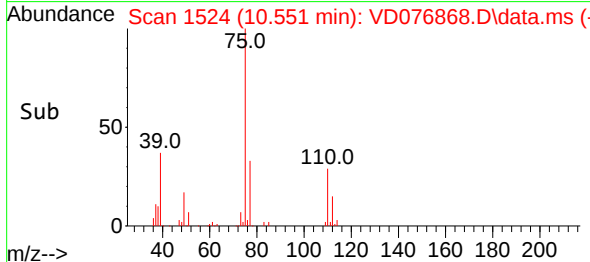
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 16146
Ion Ratio Lower Upper
75 100
77 33.0 25.3 37.9

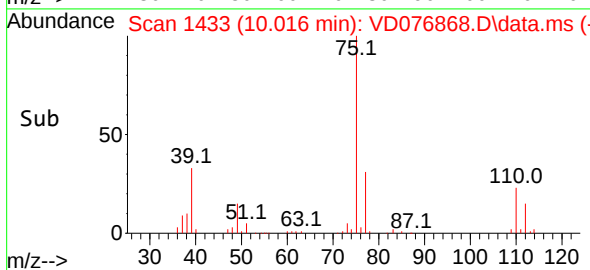
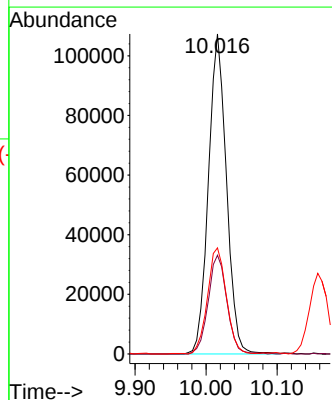
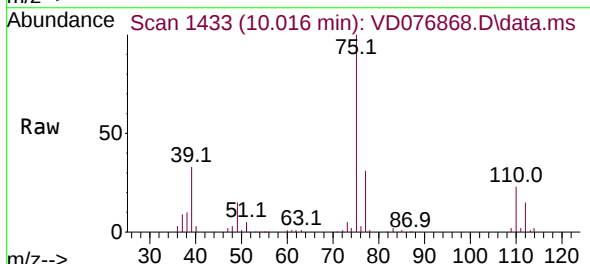
Manual Integrations
APPROVED

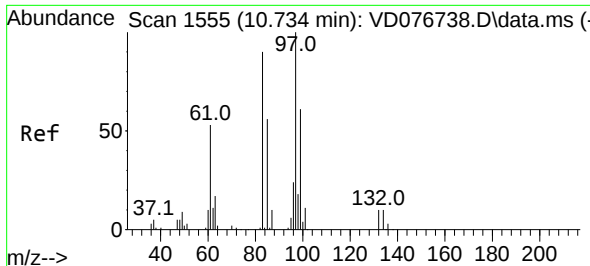
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#54
cis-1,3-Dichloropropene
Concen: 56.449 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

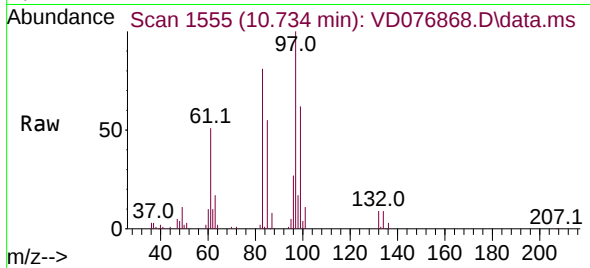
Tgt Ion: 75 Resp: 189230
Ion Ratio Lower Upper
75 100
77 30.9 25.5 38.3
39 33.0 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 57.833 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

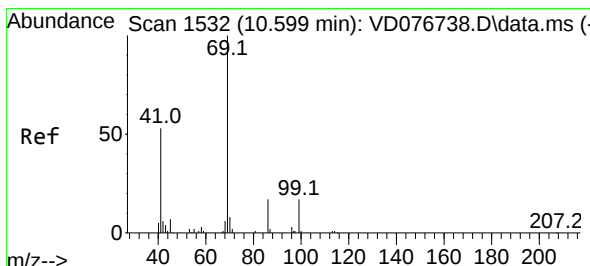
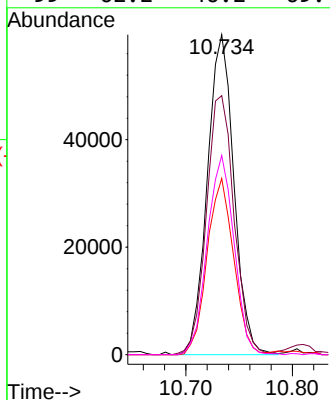
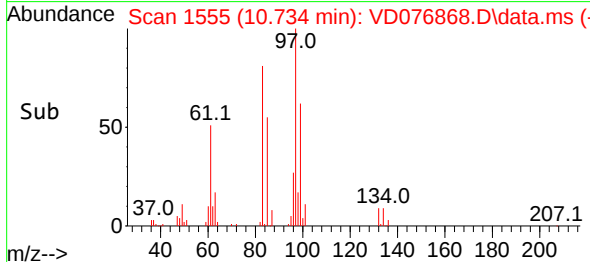
Instrument : MSVOA_D
ClientSampleId : VSTDCCC050



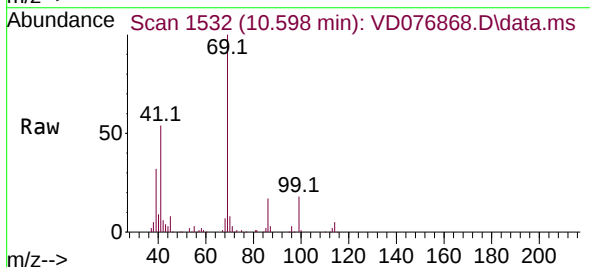
Tgt Ion	Ratio	Lower	Upper
97	100		
83	80.5	65.8	98.6
85	55.1	45.7	68.5
99	62.2	46.2	69.4

Manual Integrations
APPROVED

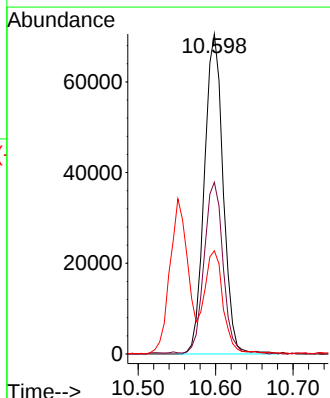
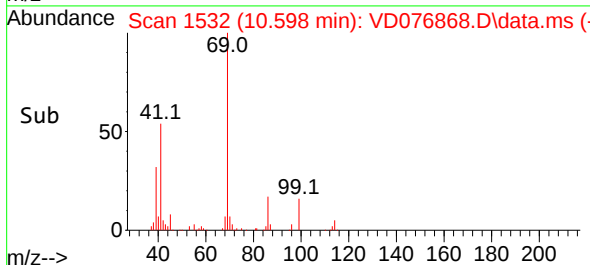
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

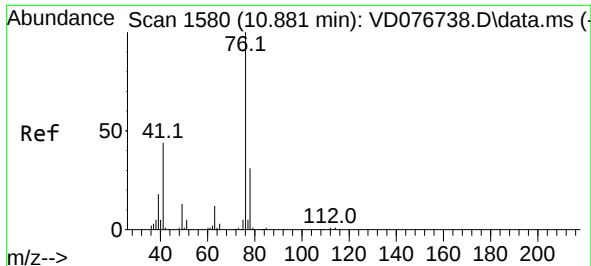


#56
Ethyl methacrylate
Concen: 57.617 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



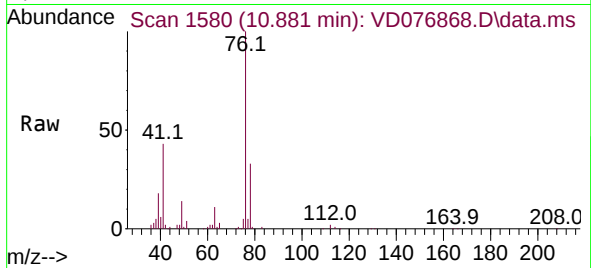
Tgt Ion	Ratio	Lower	Upper
69	100		
41	54.6	39.1	58.7
39	31.6	20.0	30.0#





#57
1,3-Dichloropropane
Concen: 56.722 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

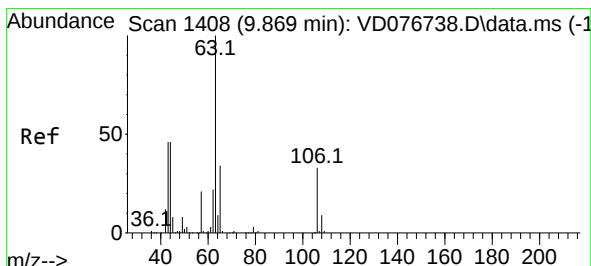
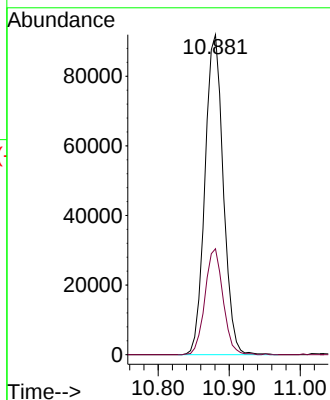
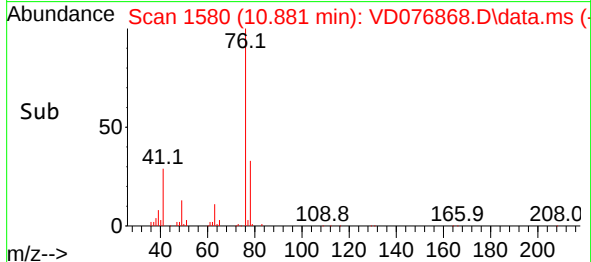
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 16472
Ion Ratio Lower Upper
76 100
78 32.7 26.4 39.6

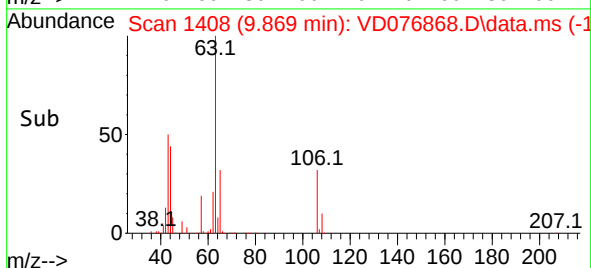
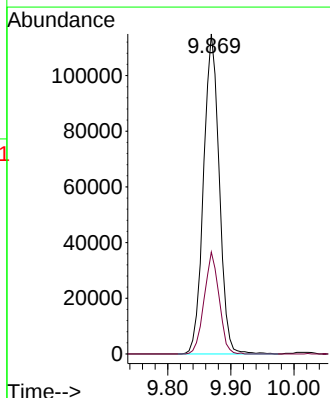
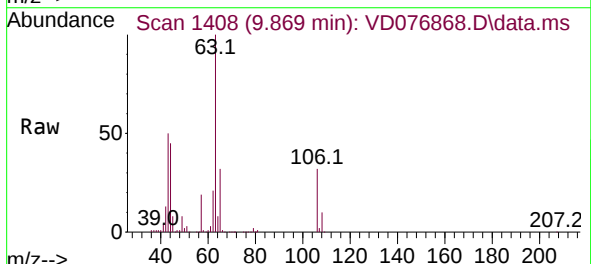
Manual Integrations
APPROVED

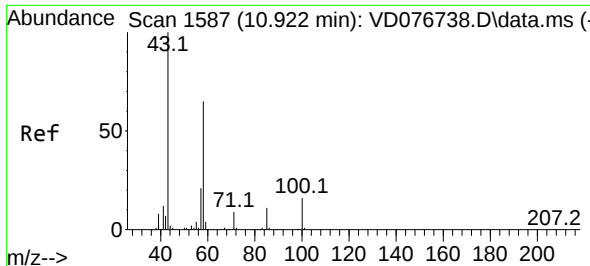
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#58
2-Chloroethyl Vinyl ether
Concen: 249.497 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Tgt Ion: 63 Resp: 198766
Ion Ratio Lower Upper
63 100
106 30.1 25.3 37.9





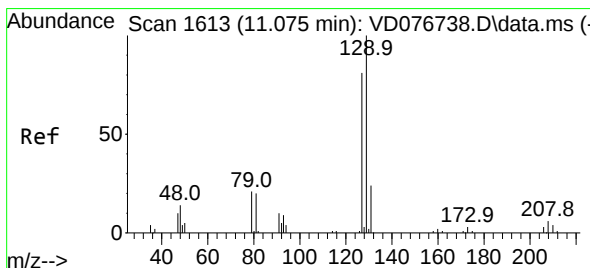
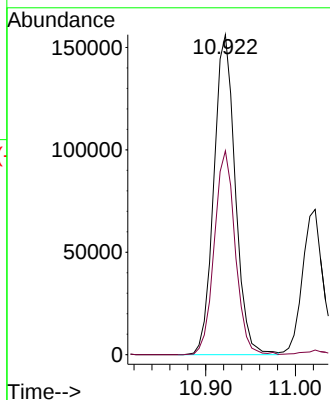
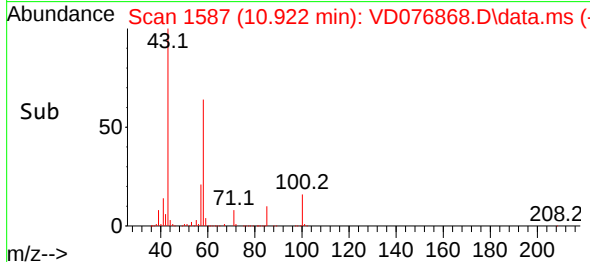
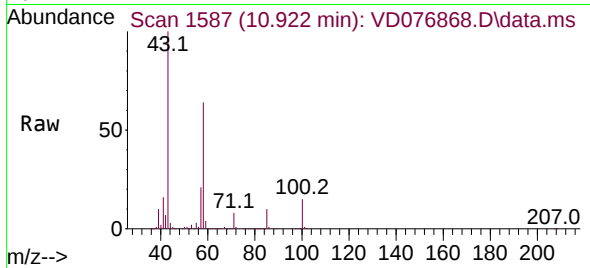
#59
2-Hexanone
Concen: 304.460 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 25858
Ion Ratio Lower Upper
43 100
58 62.3 34.1 102.2

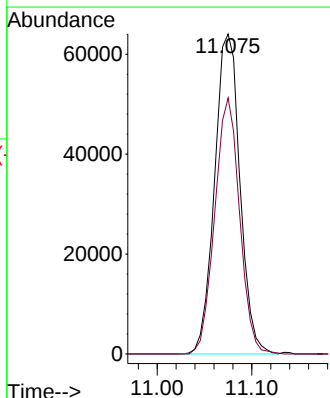
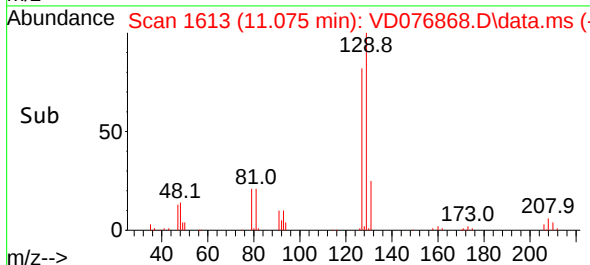
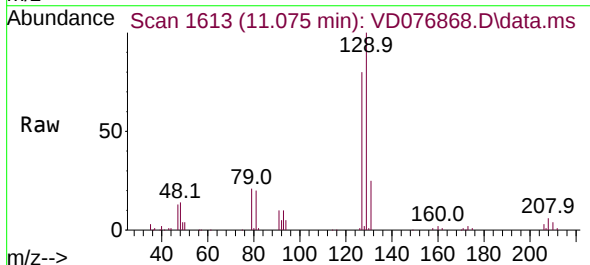
Manual Integrations
APPROVED

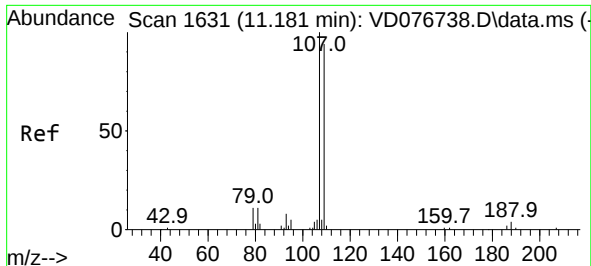
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#60
Dibromochloromethane
Concen: 57.518 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

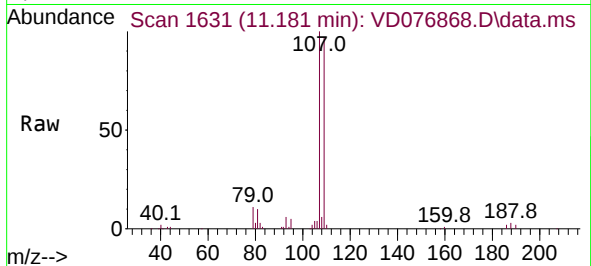
Tgt Ion:129 Resp: 119150
Ion Ratio Lower Upper
129 100
127 78.2 37.1 111.5





#61
1,2-Dibromoethane
Concen: 57.273 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

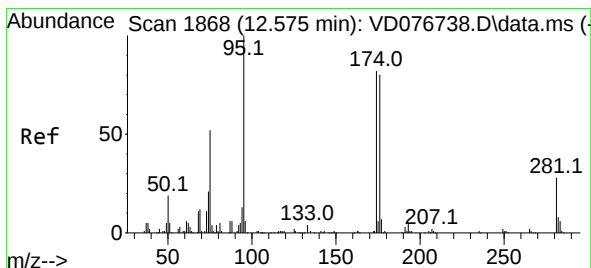
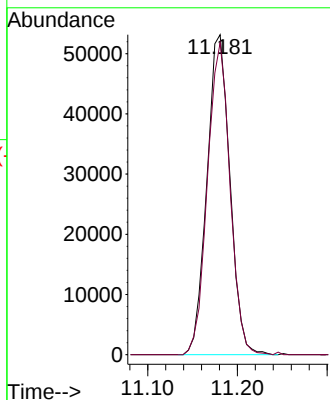
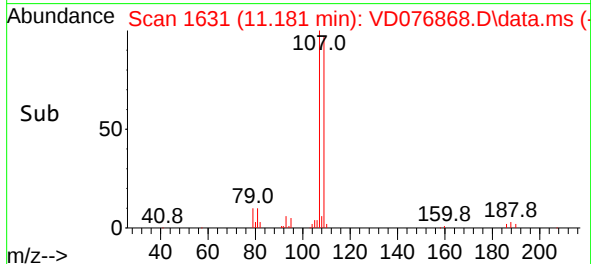
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



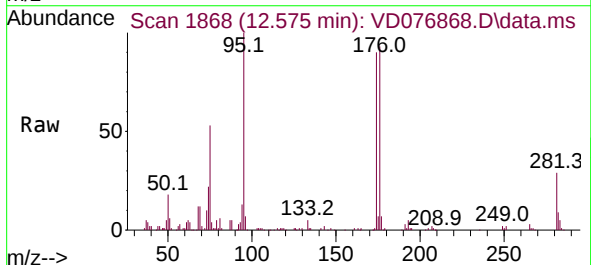
Tgt Ion:107 Resp: 94680
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4

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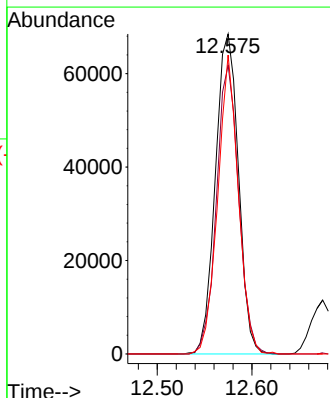
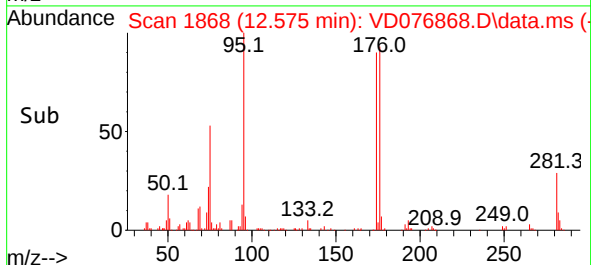
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

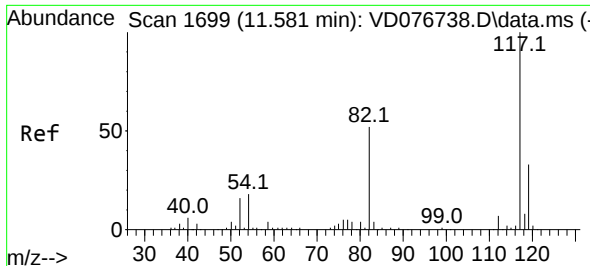


#62
4-Bromofluorobenzene
Concen: 51.107 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



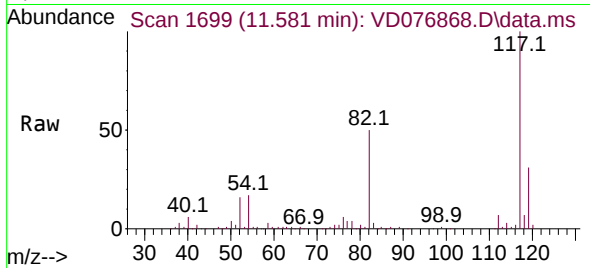
Tgt Ion: 95 Resp: 115936
Ion Ratio Lower Upper
95 100
174 86.9 0.0 201.8
176 83.6 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

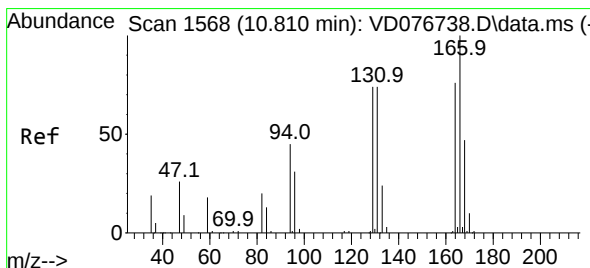
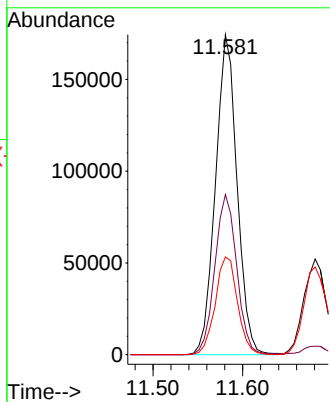
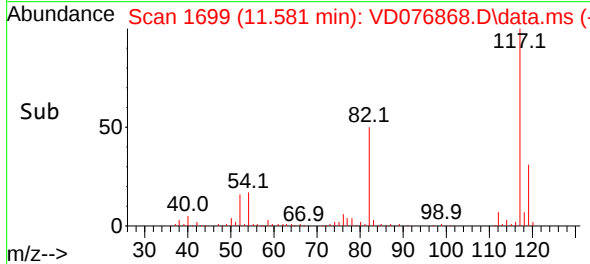
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 290979
Ion Ratio Lower Upper
117 100
82 50.1 38.3 57.5
119 30.6 25.0 37.4

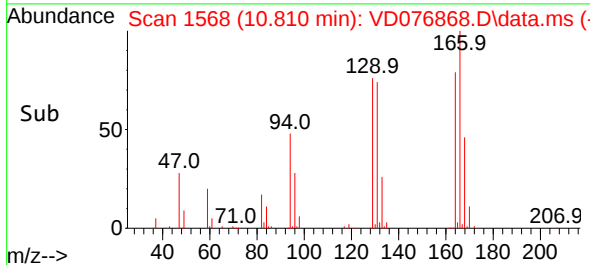
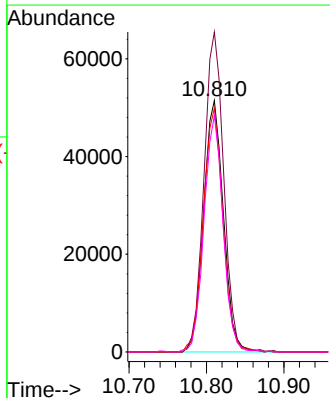
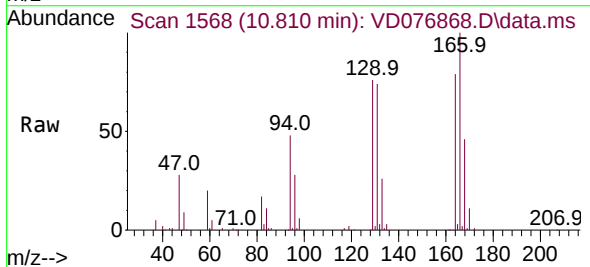
Manual Integrations
APPROVED

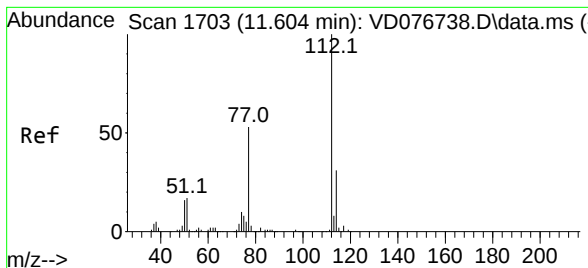
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#64
Tetrachloroethene
Concen: 55.202 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

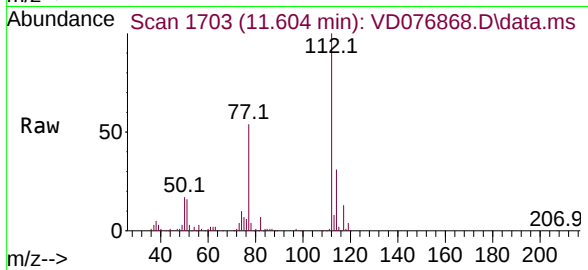
Tgt Ion:164 Resp: 91591
Ion Ratio Lower Upper
164 100
166 127.3 99.2 148.8
129 96.9 68.4 102.6
131 94.0 63.8 95.8





#65
Chlorobenzene
Concen: 54.520 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

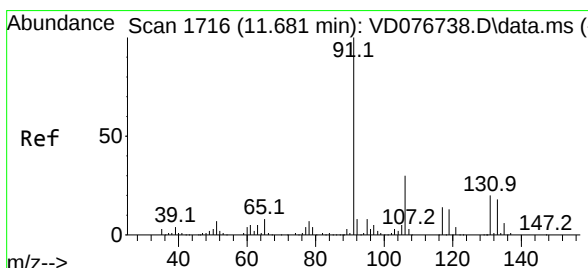
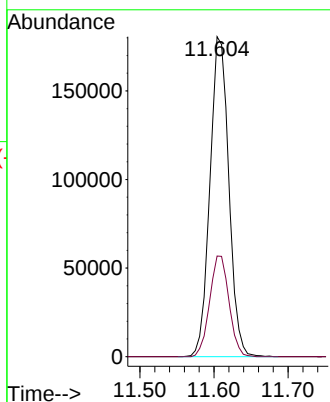
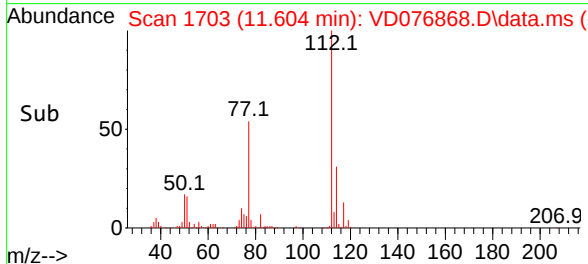
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



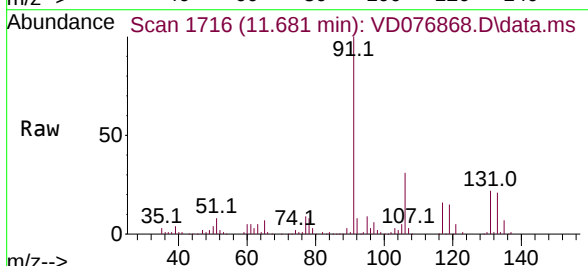
Tgt Ion:112 Resp: 31905
Ion Ratio Lower Upper
112 100
114 31.5 25.1 37.7

Manual Integrations
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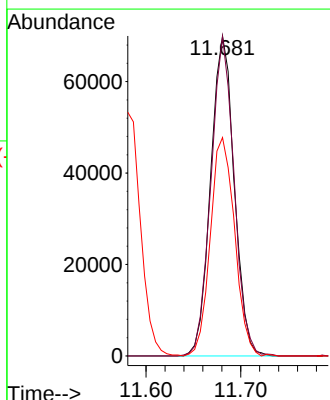
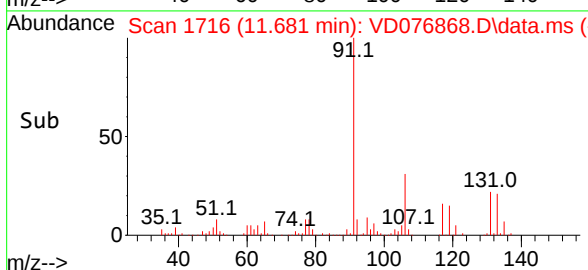
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

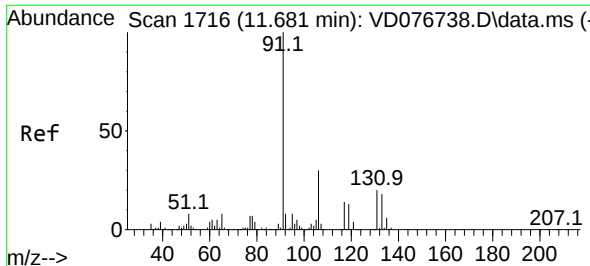


#66
1,1,1,2-Tetrachloroethane
Concen: 55.477 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



Tgt Ion:131 Resp: 120871
Ion Ratio Lower Upper
131 100
133 98.3 48.5 145.5
119 70.5 35.6 106.9





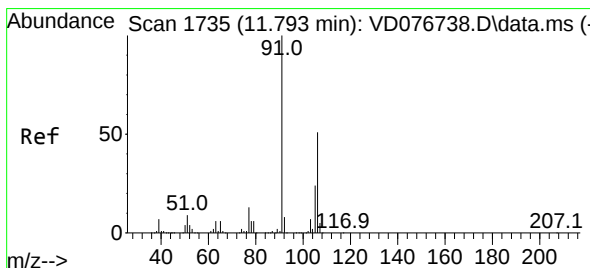
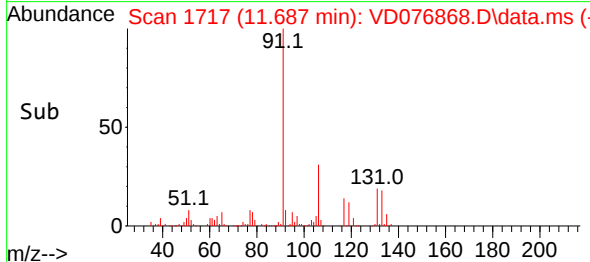
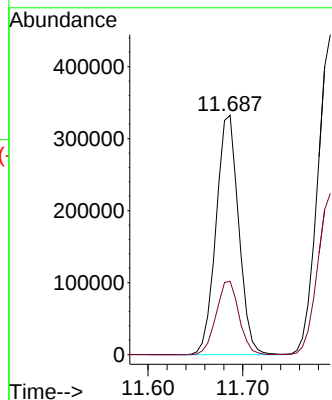
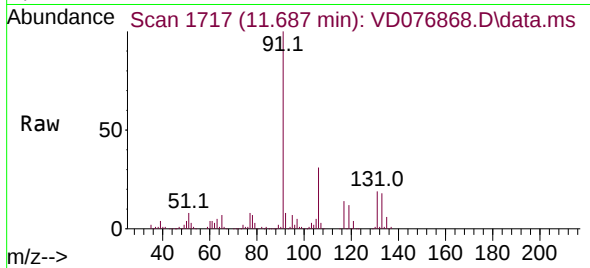
#67
Ethyl Benzene
Concen: 53.684 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 551733
Ion Ratio Lower Upper
91 100
106 30.7 26.5 39.7

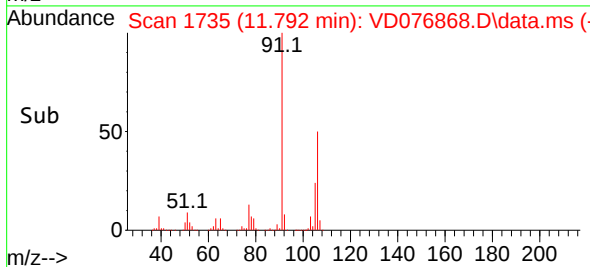
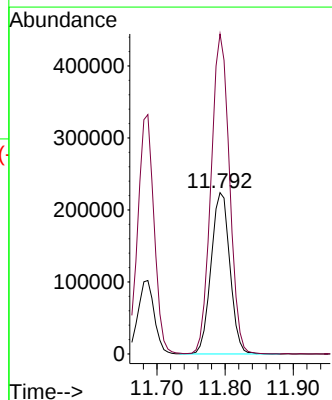
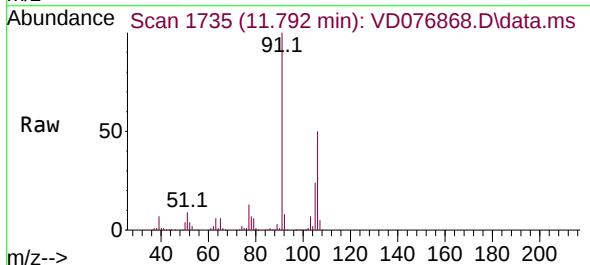
Manual Integrations
APPROVED

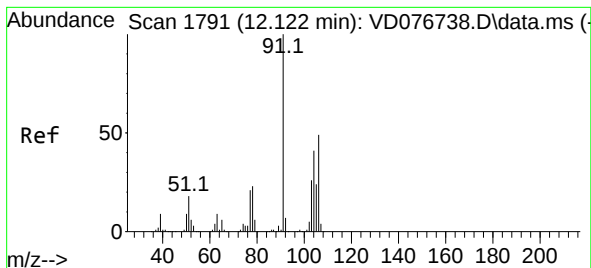
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#68
m/p-Xylenes
Concen: 108.919 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Tgt Ion:106 Resp: 429921
Ion Ratio Lower Upper
106 100
91 195.1 147.0 220.6





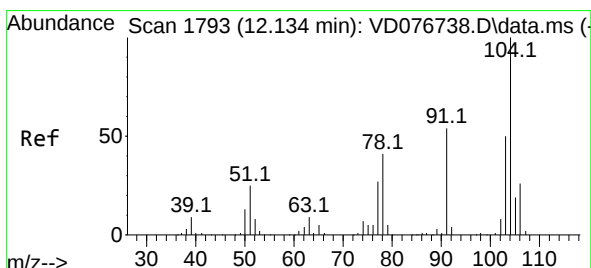
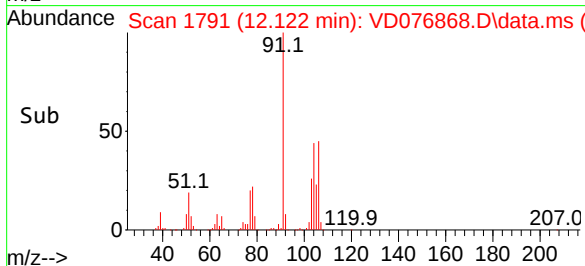
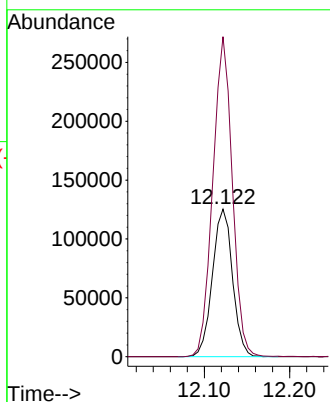
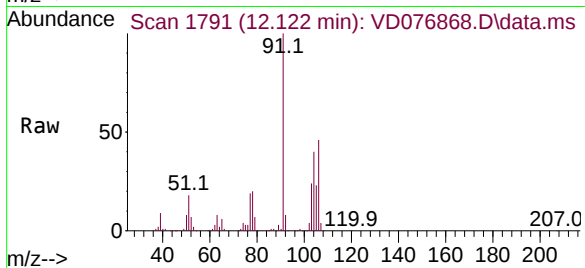
#69
o-Xylene
Concen: 53.777 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 205264
Ion Ratio Lower Upper
106 100
91 210.7 97.9 293.6

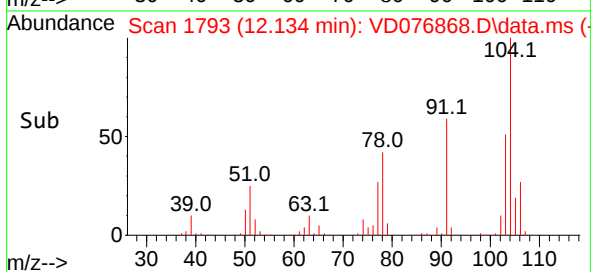
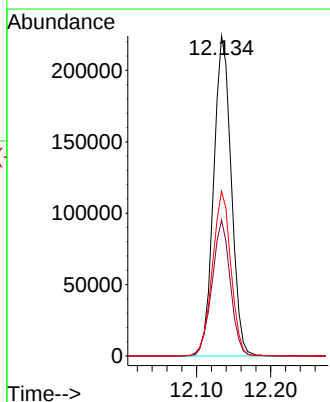
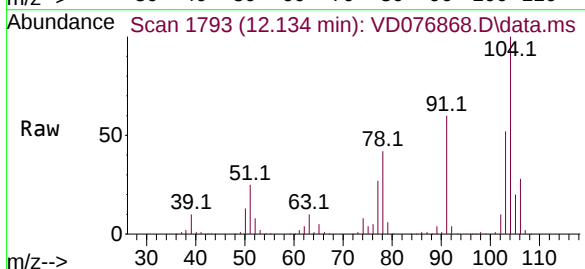
Manual Integrations
APPROVED

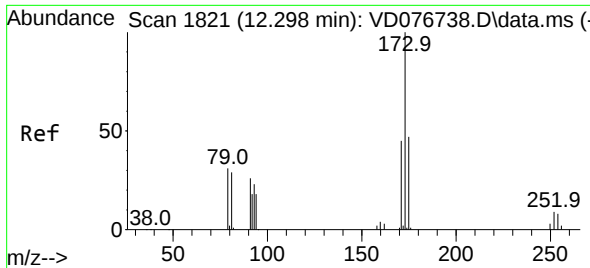
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#70
Styrene
Concen: 55.293 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

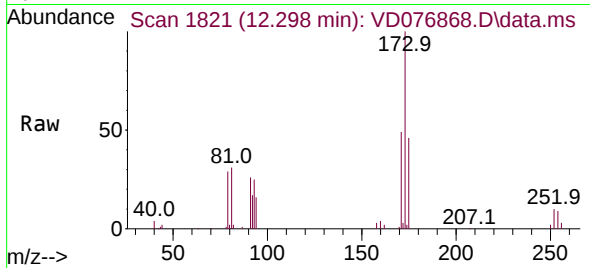
Tgt Ion:104 Resp: 369458
Ion Ratio Lower Upper
104 100
78 44.2 33.2 49.8
103 53.9 43.6 65.4





#71
Bromoform
Concen: 60.318 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

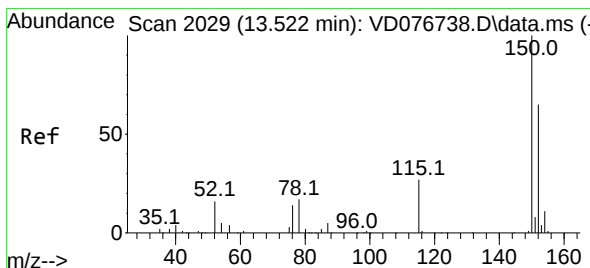
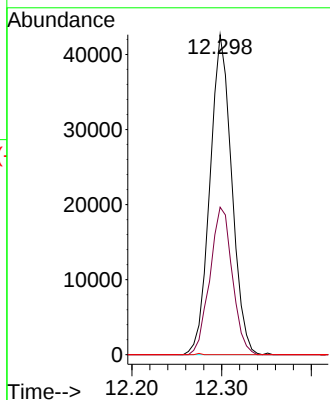
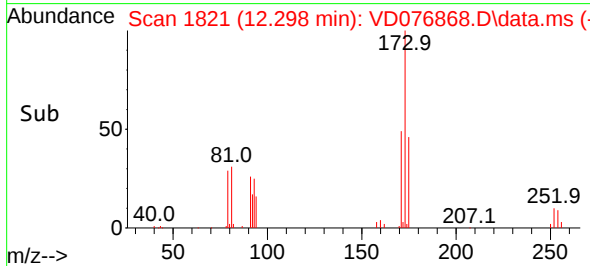
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



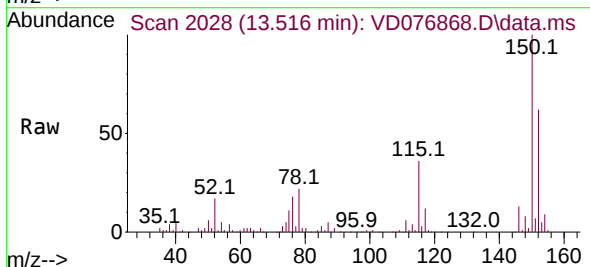
Tgt Ion:173 Resp: 71970
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
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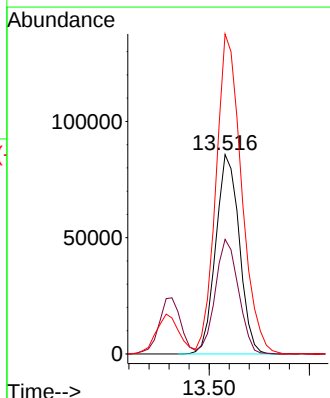
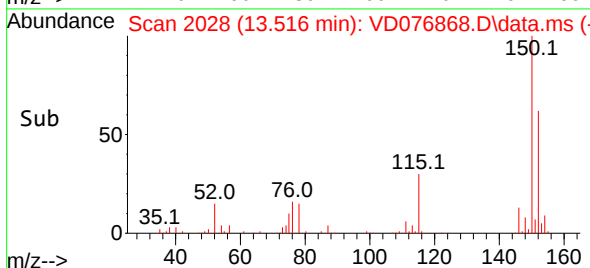
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

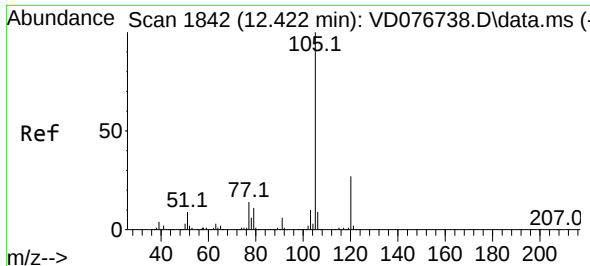


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



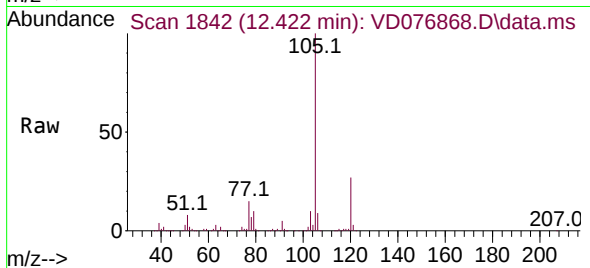
Tgt Ion:152 Resp: 139583
Ion Ratio Lower Upper
152 100
115 56.9 27.1 81.3
150 174.3 0.0 353.6





#73
Isopropylbenzene
Concen: 53.019 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

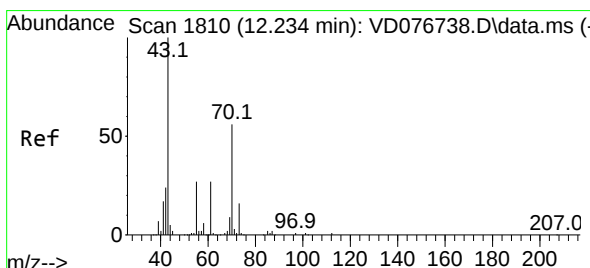
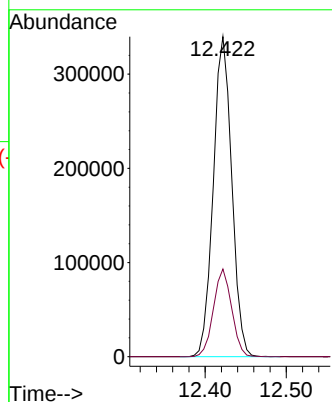
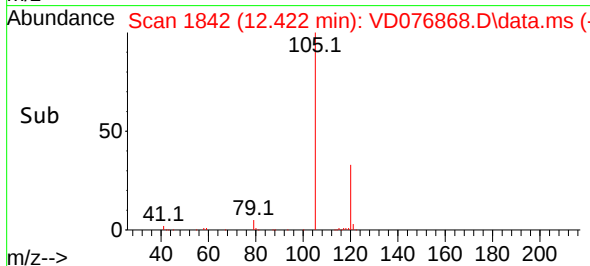
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



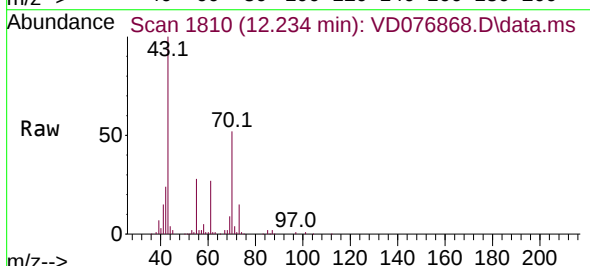
Tgt Ion:105 Resp: 536930
Ion Ratio Lower Upper
105 100
120 27.0 14.3 42.9

Manual Integrations
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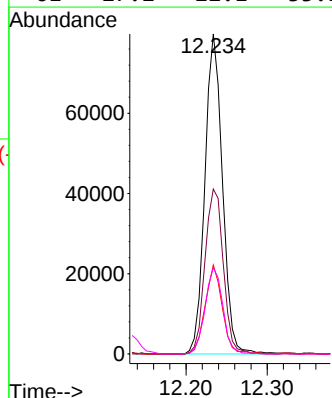
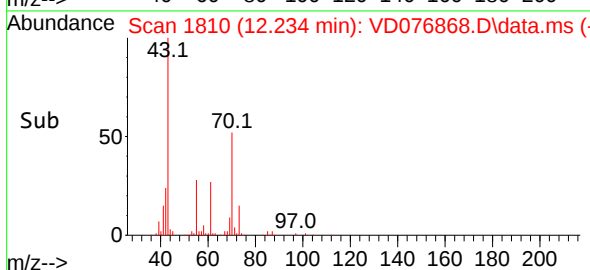
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

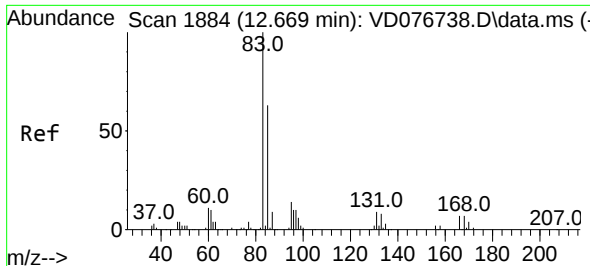


#74
N-ethyl acetate
Concen: 56.168 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



Tgt Ion: 43 Resp: 119833
Ion Ratio Lower Upper
43 100
70 53.8 45.0 67.4
55 27.1 23.8 35.6
61 27.2 22.1 33.1





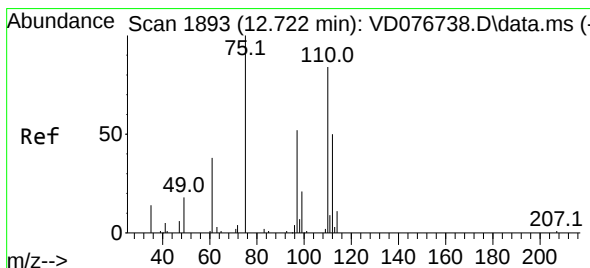
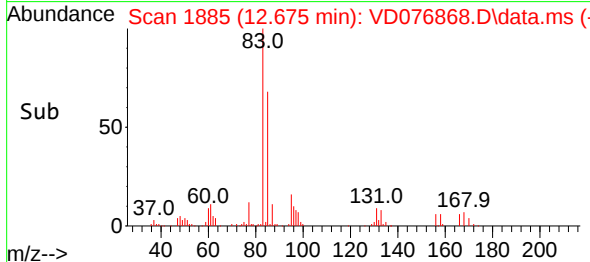
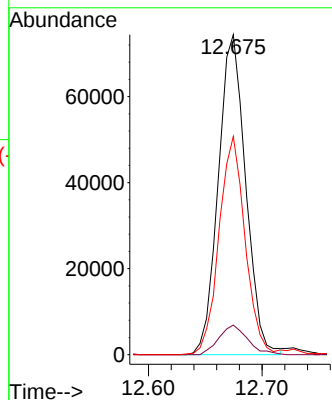
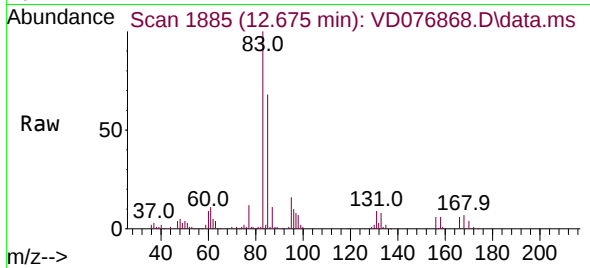
#75
1,1,2,2-Tetrachloroethane
Concen: 57.292 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 12457
Ion Ratio Lower Upper
83 100
131 9.7 5.1 15.3
85 65.4 32.6 97.8

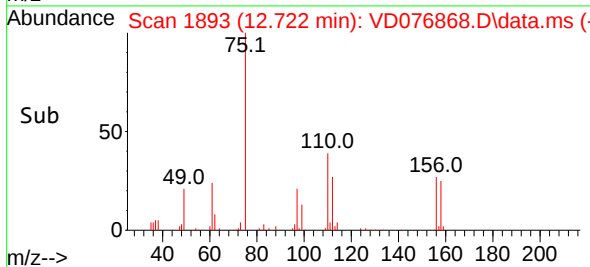
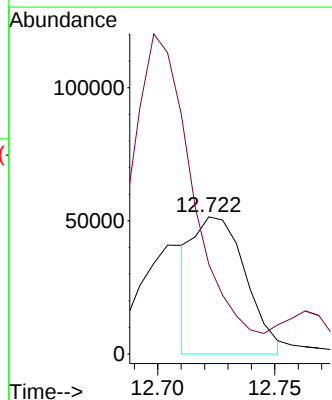
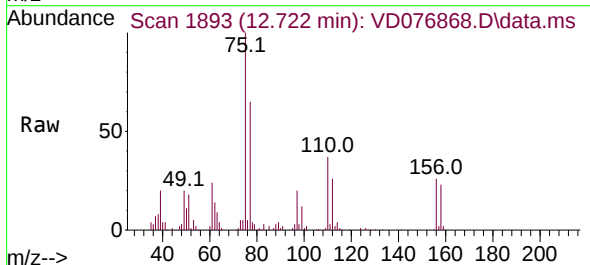
Manual Integrations
APPROVED

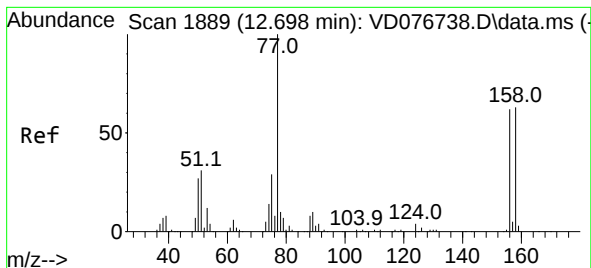
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#76
1,2,3-Trichloropropane
Concen: 60.657 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Tgt Ion: 75 Resp: 80517
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.256 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

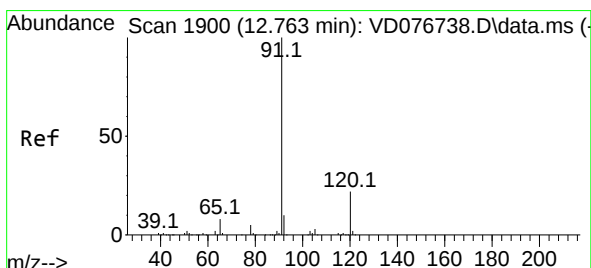
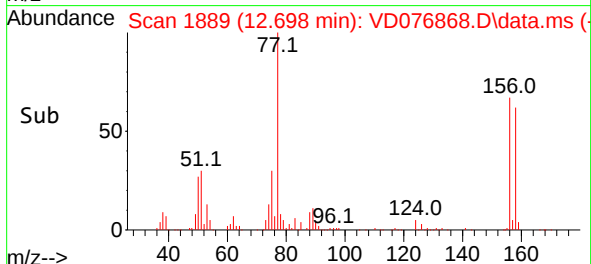
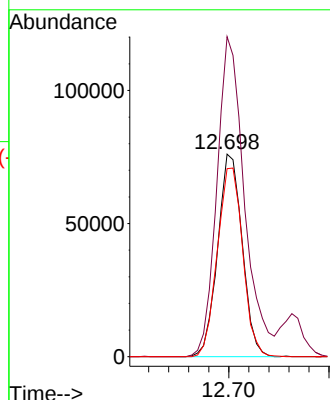
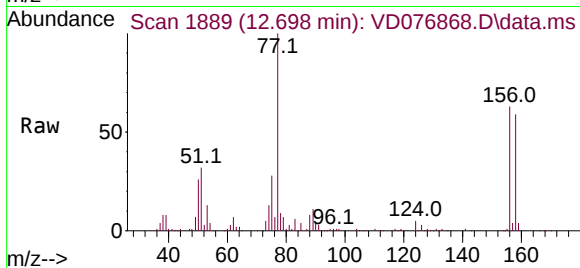
Tgt Ion:156 Resp: 129164
 Ion Ratio Lower Upper
 156 100
 77 177.3 76.8 230.4
 158 96.4 48.6 145.9

Manual Integrations

APPROVED

Reviewed By :John Carbone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#78

n-propylbenzene

Concen: 53.275 ug/l

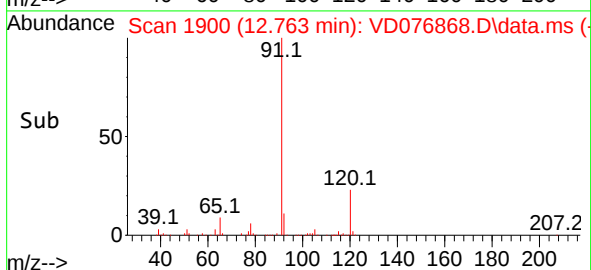
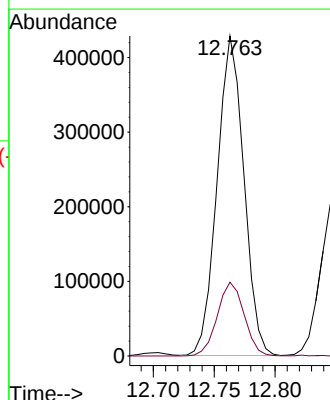
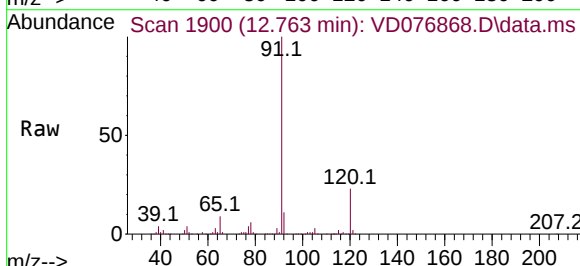
RT: 12.763 min Scan# 1900

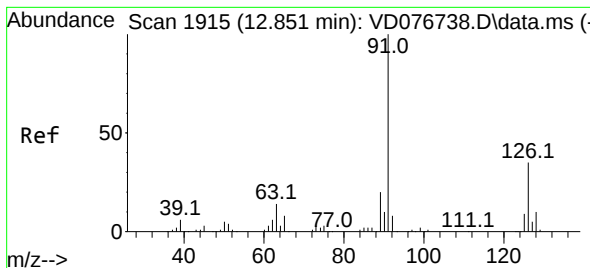
Delta R.T. -0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Tgt Ion: 91 Resp: 654062
 Ion Ratio Lower Upper
 91 100
 120 23.2 12.4 37.2





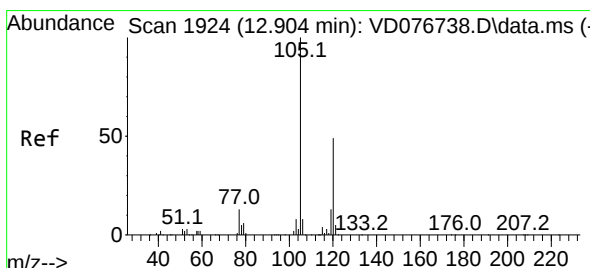
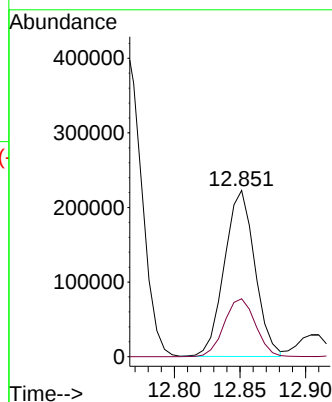
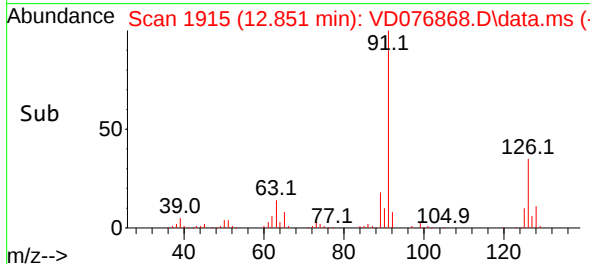
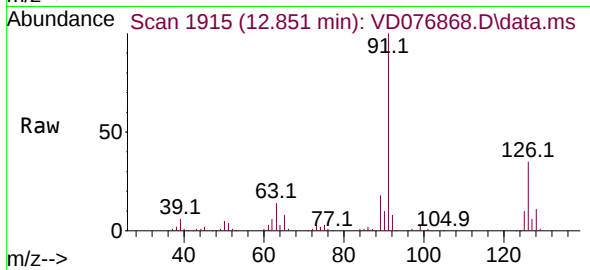
#79
2-Chlorotoluene
Concen: 53.474 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 35996
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.1

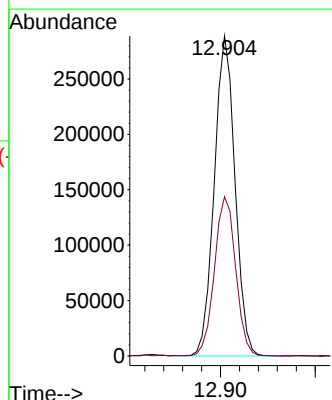
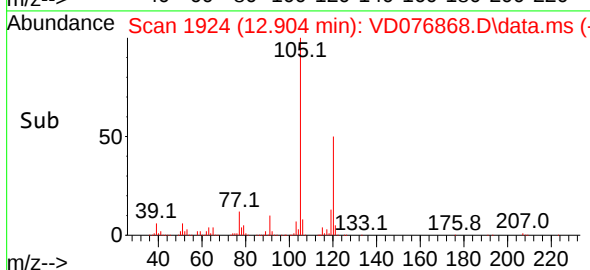
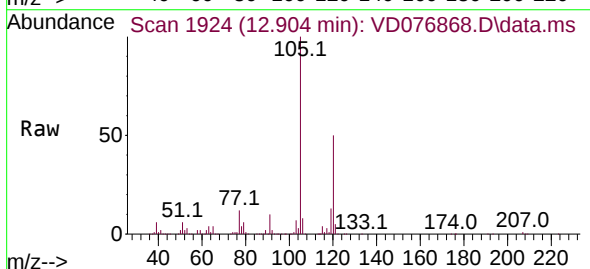
Manual Integrations
APPROVED

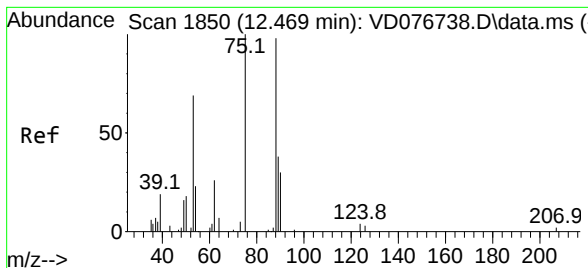
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#80
1,3,5-Trimethylbenzene
Concen: 53.662 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

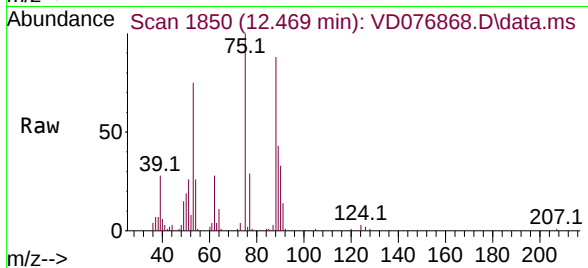
Tgt Ion:105 Resp: 439419
Ion Ratio Lower Upper
105 100
120 50.9 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 61.463 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

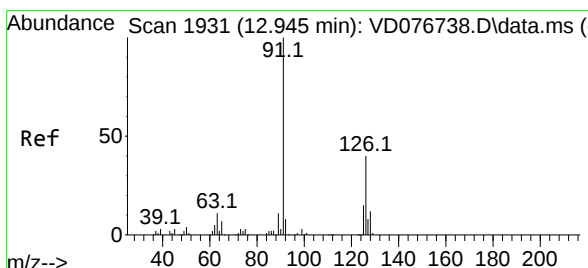
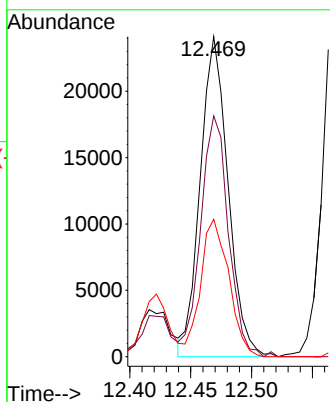
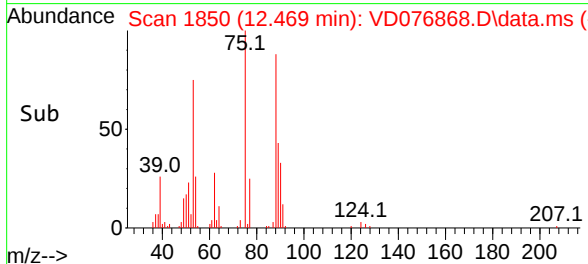
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 38335
Ion Ratio Lower Upper
75 100
53 75.2 63.0 94.4
89 43.2 37.9 56.9

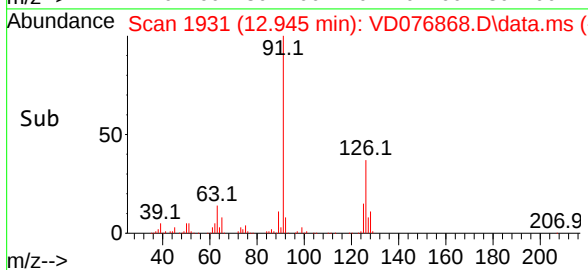
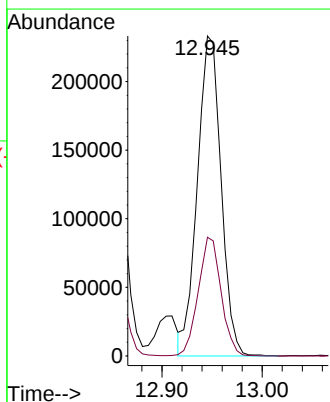
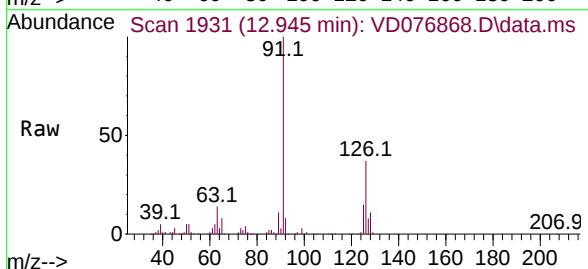
Manual Integrations
APPROVED

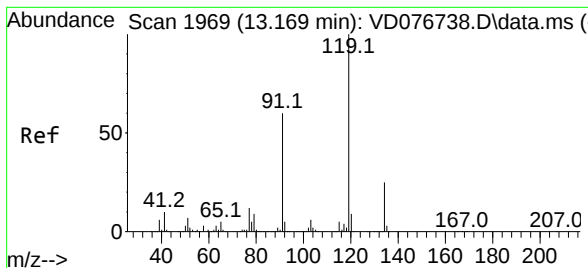
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#82
4-Chlorotoluene
Concen: 54.626 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

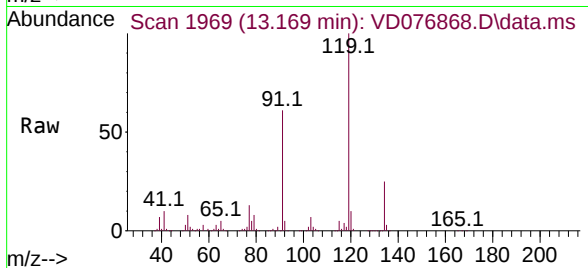
Tgt Ion: 91 Resp: 384155
Ion Ratio Lower Upper
91 100
126 35.8 19.4 58.4





#83
tert-Butylbenzene
Concen: 53.439 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

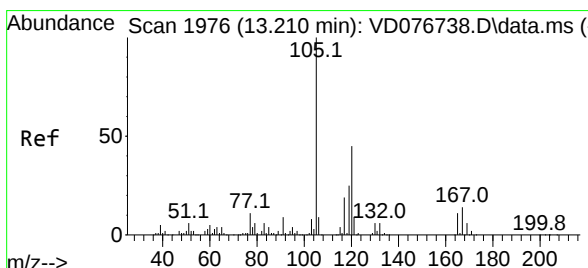
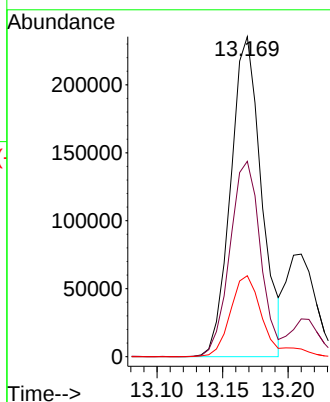
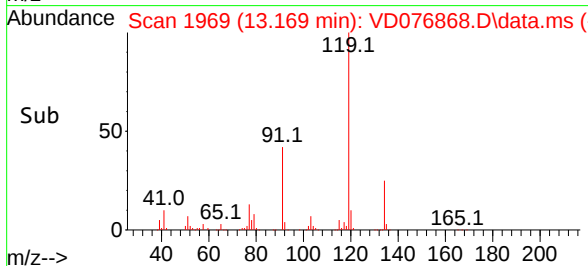
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



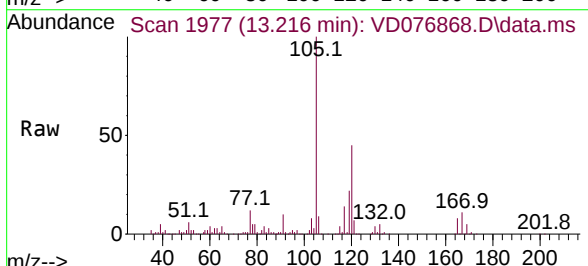
Tgt Ion:119 Resp: 385299
Ion Ratio Lower Upper
119 100
91 60.7 29.3 87.8
134 27.1 14.1 42.3

Manual Integrations
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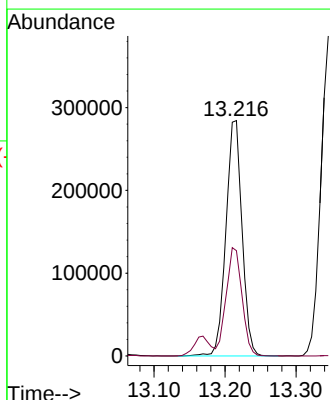
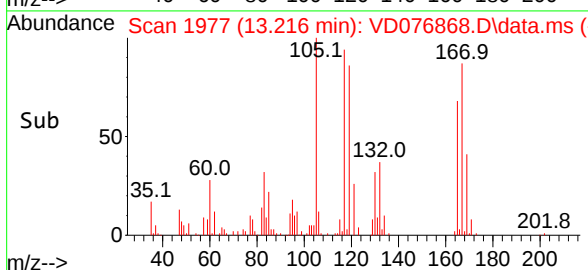
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

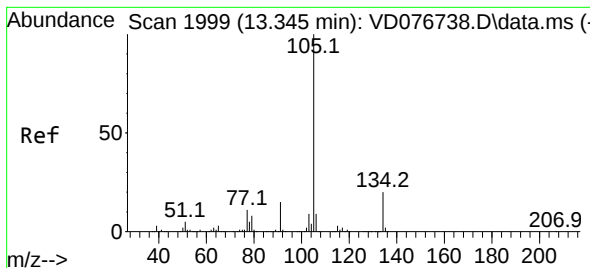


#84
1,2,4-Trimethylbenzene
Concen: 53.484 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



Tgt Ion:105 Resp: 447548
Ion Ratio Lower Upper
105 100
120 45.3 24.3 72.9





#85

sec-Butylbenzene

Concen: 53.489 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 589214

Ion Ratio Lower Upper

105 100

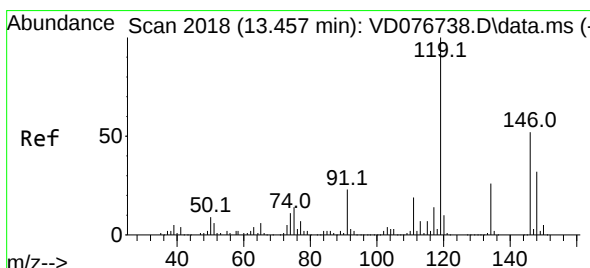
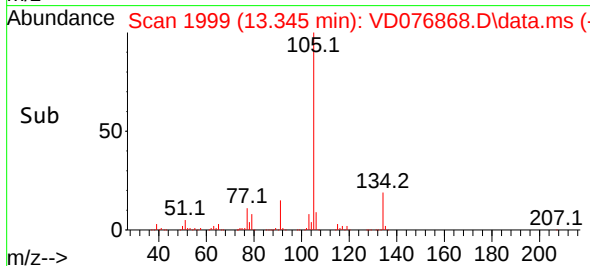
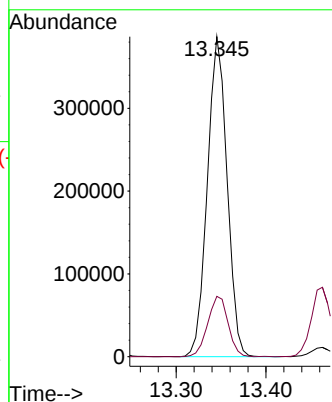
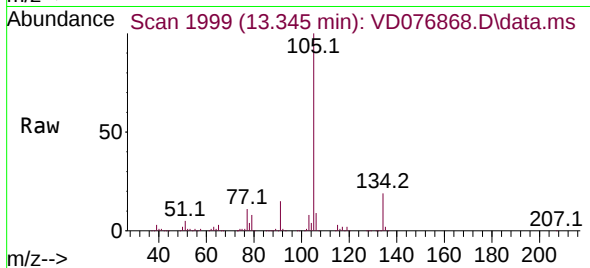
134 19.5 10.9 32.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#86

p-Isopropyltoluene

Concen: 53.762 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.006 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

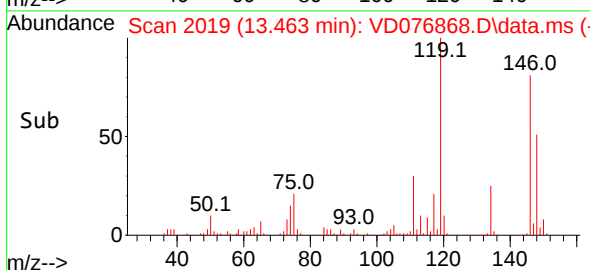
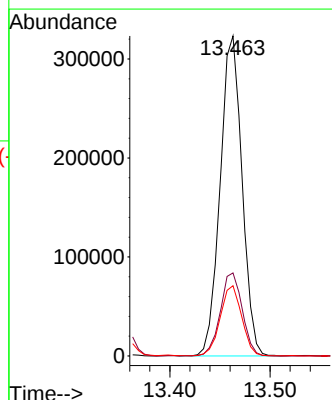
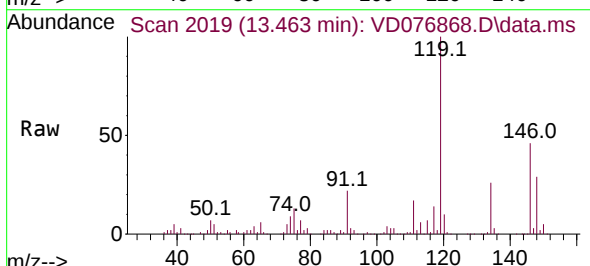
Tgt Ion:119 Resp: 489095

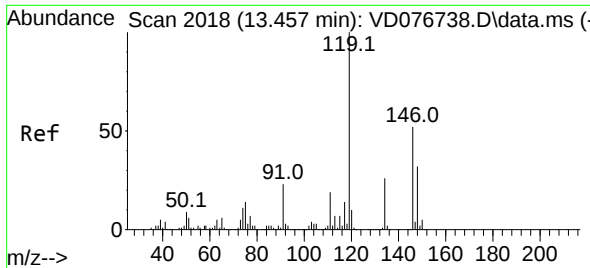
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 21.5 10.5 31.5





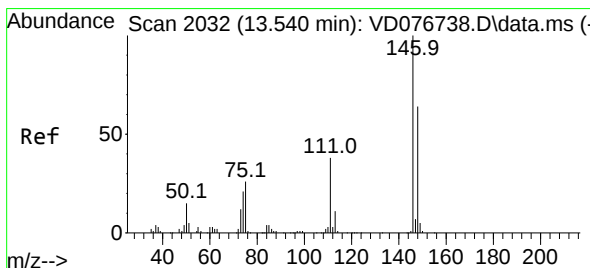
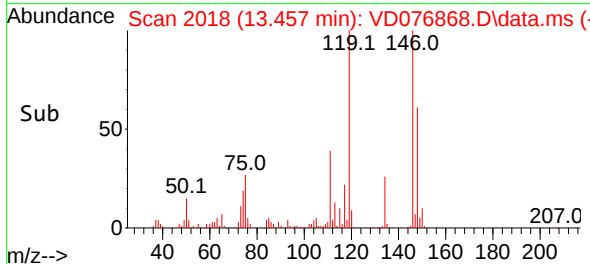
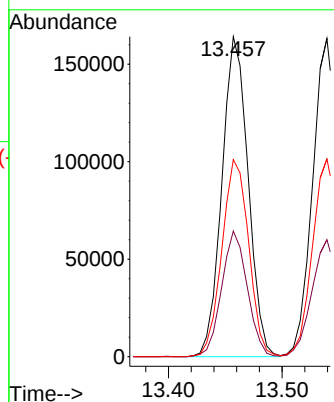
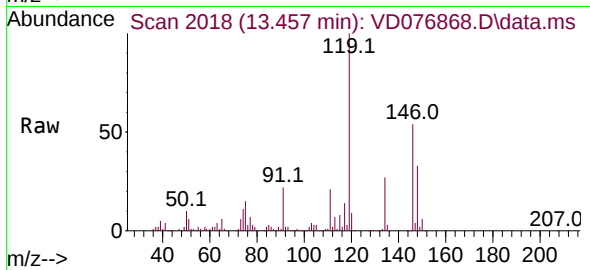
#87
1,3-Dichlorobenzene
Concen: 54.774 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 263352
Ion Ratio Lower Upper
146 100
111 38.4 17.9 53.8
148 63.0 32.3 96.8

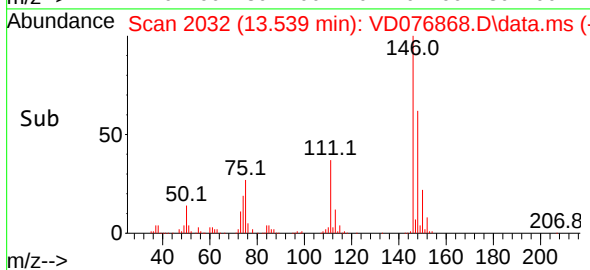
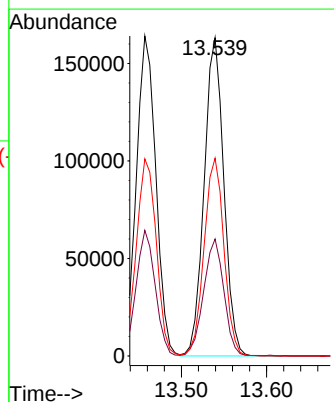
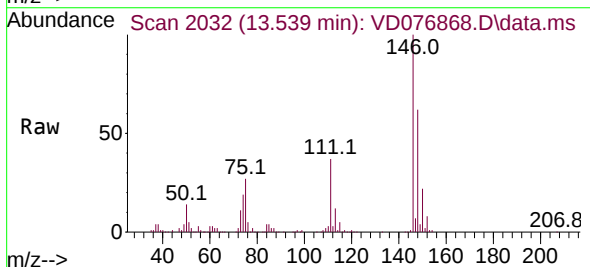
Manual Integrations
APPROVED

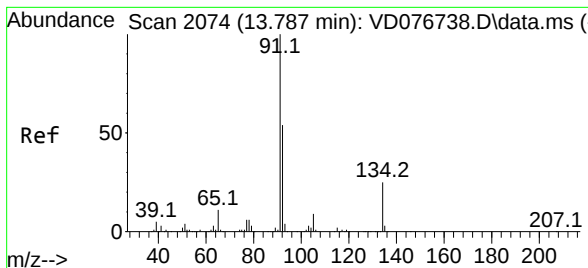
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#88
1,4-Dichlorobenzene
Concen: 55.561 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

Tgt Ion:146 Resp: 261723
Ion Ratio Lower Upper
146 100
111 37.6 17.4 52.3
148 62.8 31.7 95.1





#89

n-Butylbenzene

Concen: 52.298 ug/l

RT: 13.786 min Scan# 2074

Delta R.T. -0.001 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

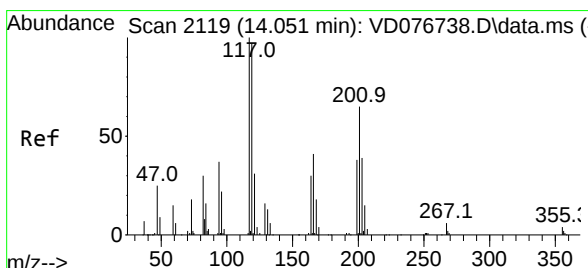
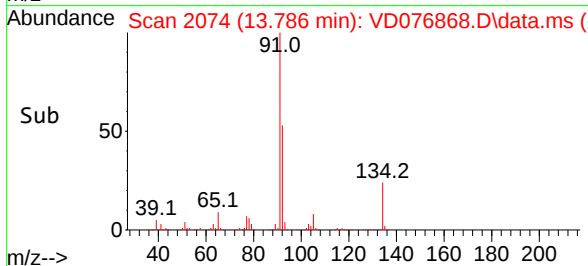
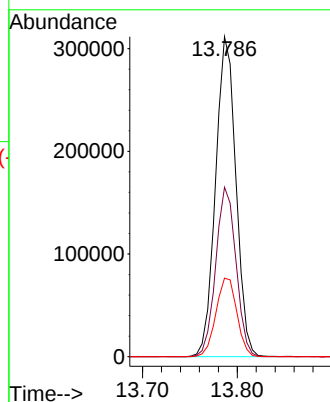
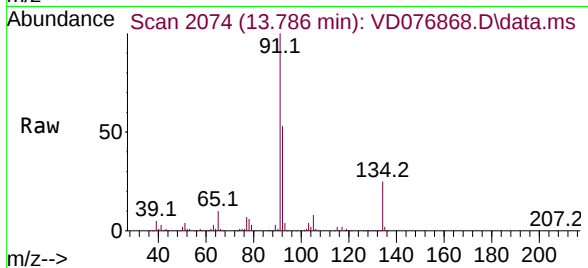
Tgt Ion: 91	Resp: 46556
Ion Ratio	Lower Upper
91	100
92	52.7 26.5 79.5
134	25.3 13.8 41.3

Manual Integrations

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Reviewed By :John Carlone 08/01/2023

Supervised By :Mahesh Dadoda 08/01/2023



#90

Hexachloroethane

Concen: 57.275 ug/l

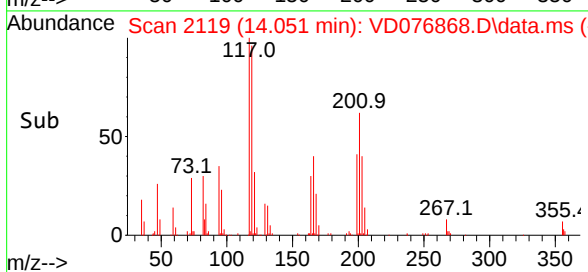
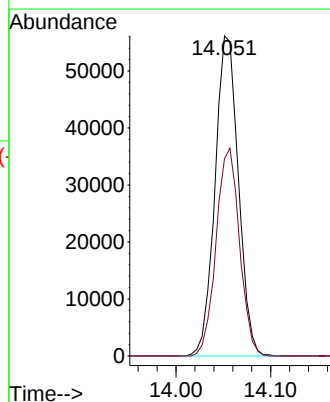
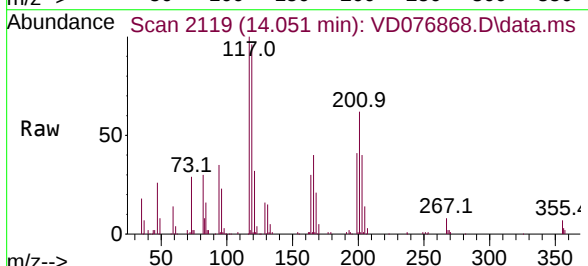
RT: 14.051 min Scan# 2119

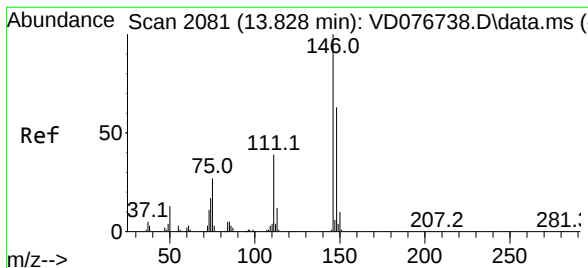
Delta R.T. 0.000 min

Lab File: VD076868.D

Acq: 31 Jul 2023 12:09

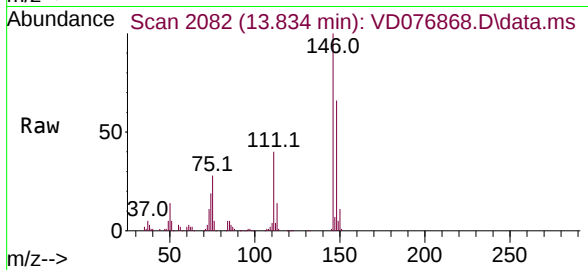
Tgt Ion: 117	Resp: 96331
Ion Ratio	Lower Upper
117	100
201	65.0 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 55.111 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

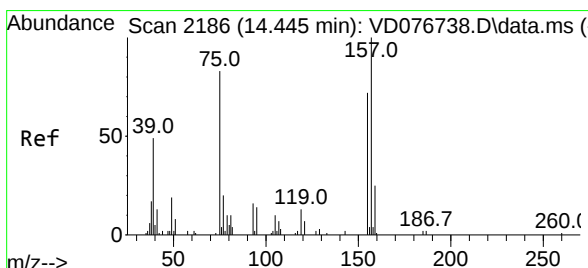
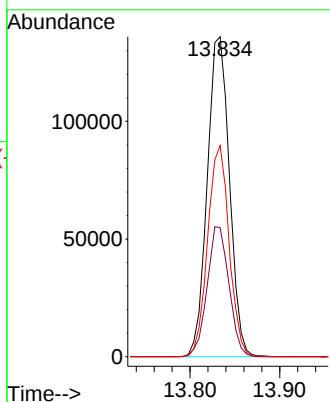
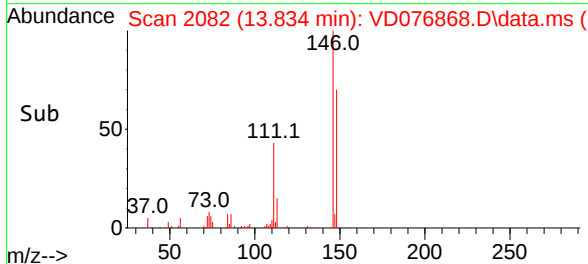
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



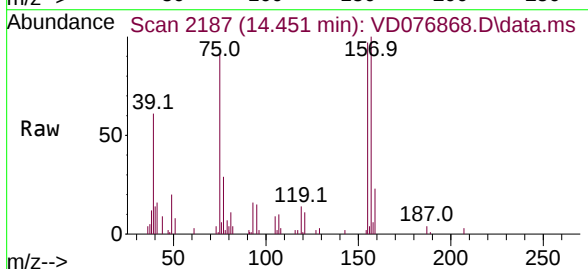
Tgt Ion:146 Resp: 23348
Ion Ratio Lower Upper
146 100
111 39.9 18.3 54.8
148 63.8 31.6 94.7

Manual Integrations
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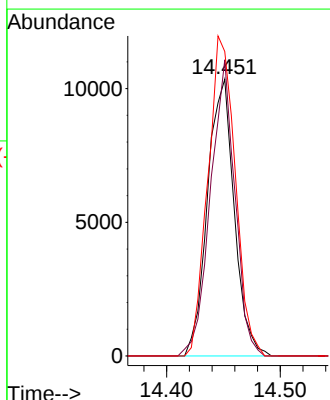
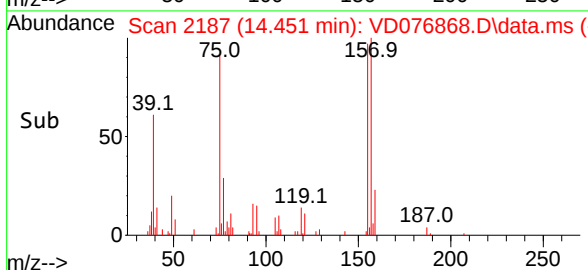
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

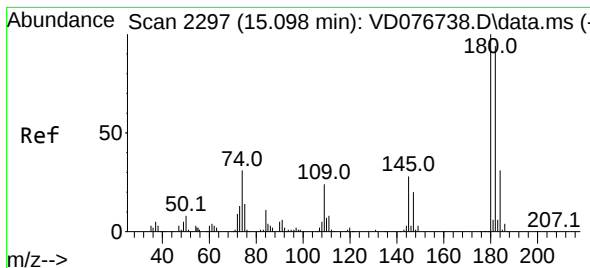


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.654 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



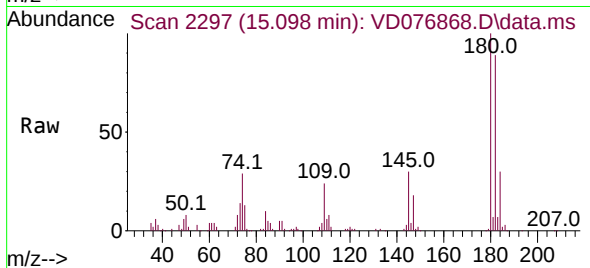
Tgt Ion: 75 Resp: 16944
Ion Ratio Lower Upper
75 100
155 97.8 47.9 143.8
157 118.2 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 56.591 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

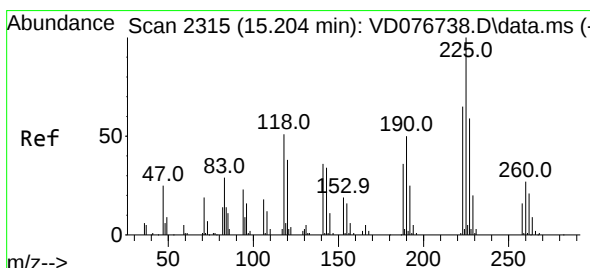
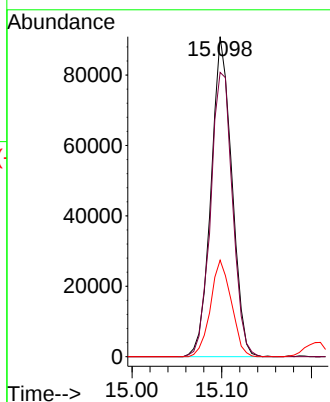
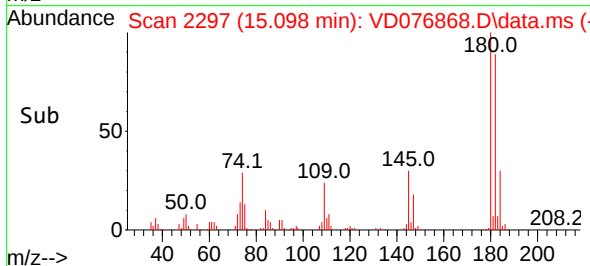
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



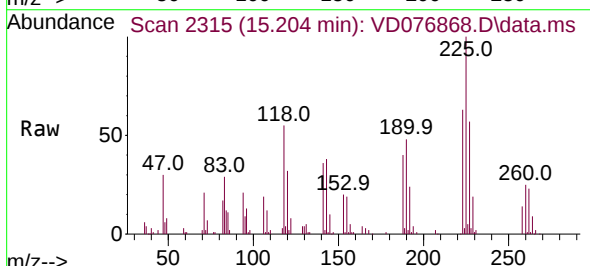
Tgt Ion:180 Resp: 146372
Ion Ratio Lower Upper
180 100
182 93.6 48.5 145.6
145 30.2 14.2 42.6

Manual Integrations
APPROVED

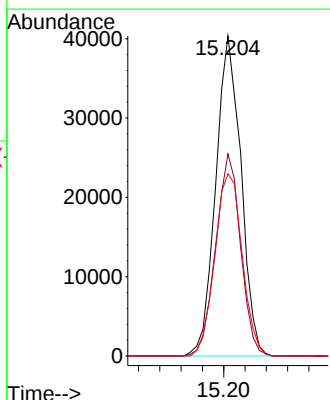
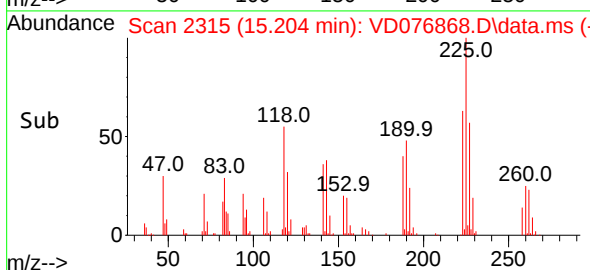
Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023

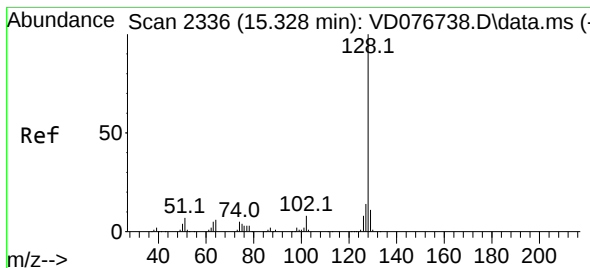


#94
Hexachlorobutadiene
Concen: 53.307 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



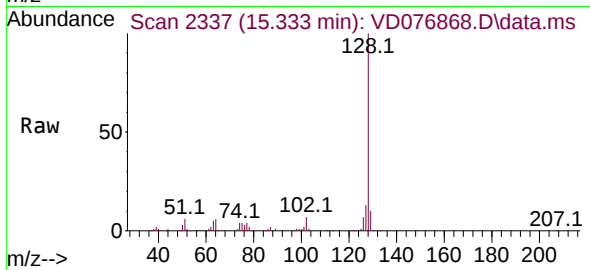
Tgt Ion:225 Resp: 66311
Ion Ratio Lower Upper
225 100
223 61.9 31.6 94.8
227 61.7 31.7 95.1





#95
Naphthalene
Concen: 57.822 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09

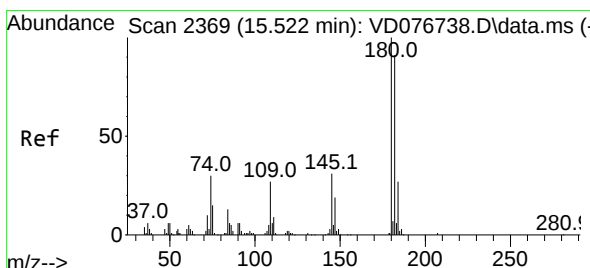
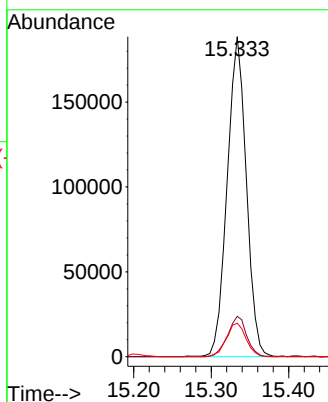
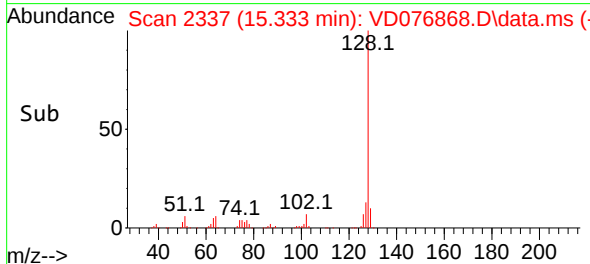
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050



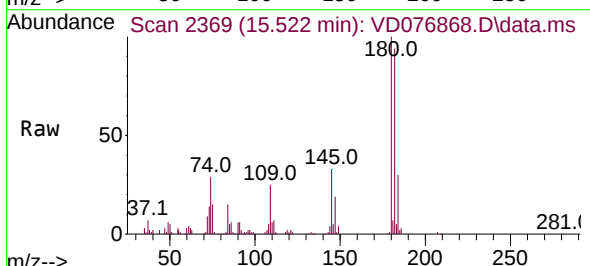
Tgt Ion:128 Resp: 32382
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/01/2023
Supervised By :Mahesh Dadoda 08/01/2023



#96
1,2,3-Trichlorobenzene
Concen: 57.837 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076868.D
Acq: 31 Jul 2023 12:09



Tgt Ion:180 Resp: 134244
Ion Ratio Lower Upper
180 100
182 91.5 47.3 141.9
145 31.7 15.1 45.3

