

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076739.D
 Acq On : 14 Jul 2023 13:49
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 17 07:42:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 07:40:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	195620	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	349566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	331974	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	160869	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	189379	97.195	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 194.400%#			
35) Dibromofluoromethane	7.805	113	221550	100.856	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 201.720%#			
50) Toluene-d8	10.269	98	770578	98.058	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 196.120%#			
62) 4-Bromofluorobenzene	12.575	95	260687	102.544	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 205.080%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	140465	91.824	ug/l	99
3) Chloromethane	2.146	50	241713	91.599	ug/l	99
4) Vinyl Chloride	2.275	62	328303	93.331	ug/l	100
5) Bromomethane	2.670	94	269833	93.232	ug/l	100
6) Chloroethane	2.822	64	250295	94.242	ug/l	98
7) Trichlorofluoromethane	3.164	101	295663	94.461	ug/l	97
8) Diethyl Ether	3.587	74	108820	100.979	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.952	101	192187	93.410	ug/l	97
10) Methyl Iodide	4.158	142	251902	108.611	ug/l	93
11) Tert butyl alcohol	5.058	59	72412	498.037	ug/l	99
12) 1,1-Dichloroethene	3.934	96	182921	94.629	ug/l	87
13) Acrolein	3.793	56	45363	457.836	ug/l	96
14) Allyl chloride	4.558	41	245046	96.500	ug/l	91
15) Acrylonitrile	5.252	53	266852	504.170	ug/l	99
16) Acetone	4.022	43	231039	496.508	ug/l	88
17) Carbon Disulfide	4.264	76	441040	97.687	ug/l	98
18) Methyl Acetate	4.558	43	174621	99.881	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	519397	100.197	ug/l	99
20) Methylene Chloride	4.793	84	257763	104.190	ug/l	95
21) trans-1,2-Dichloroethene	5.305	96	217559	96.825	ug/l	98
22) Diisopropyl ether	6.216	45	599807	99.750	ug/l	98
23) Vinyl Acetate	6.152	43	1515915	509.517	ug/l	94
24) 1,1-Dichloroethane	6.105	63	399282	98.485	ug/l	96
25) 2-Butanone	7.081	43	318505	511.431	ug/l	92
26) 2,2-Dichloropropane	7.069	77	342084	97.882	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	281284	101.549	ug/l	97
28) Bromochloromethane	7.422	49	93093	91.843	ug/l	86
29) Tetrahydrofuran	7.446	42	186616	507.168	ug/l	95
30) Chloroform	7.593	83	436355	98.267	ug/l	99
31) Cyclohexane	7.875	56	256017	89.283	ug/l	99
32) 1,1,1-Trichloroethane	7.787	97	355810	99.313	ug/l	97
36) 1,1-Dichloropropene	8.005	75	289445	100.835	ug/l	97
37) Ethyl Acetate	7.163	43	132843	103.484	ug/l	97
38) Carbon Tetrachloride	7.987	117	276845	100.724	ug/l	96
39) Methylcyclohexane	9.269	83	325719	98.273	ug/l	99
40) Benzene	8.252	78	914564	100.978	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	67463	86.059	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	240249	102.090	ug/l	97
43) Isopropyl Acetate	8.363	43	255471	101.973	ug/l	94
44) Trichloroethene	9.028	130	248001	100.484	ug/l	93
45) 1,2-Dichloropropane	9.304	63	234258	100.198	ug/l	97
46) Dibromomethane	9.393	93	138627	101.299	ug/l	92
47) Bromodichloromethane	9.581	83	336453	97.971	ug/l	98
48) Methyl methacrylate	9.381	41	115565	101.351	ug/l #	85
49) 1,4-Dioxane	9.381	88	36357	2073.590	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	683303	512.262	ug/l	95
52) Toluene	10.334	92	596917	100.347	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	334168	104.835	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	381222	101.477	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	204444	102.306	ug/l	96
56) Ethyl methacrylate	10.599	69	243261	105.468	ug/l #	92
57) 1,3-Dichloropropane	10.881	76	326907	100.451	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	446452	500.060	ug/l	98
59) 2-Hexanone	10.922	43	491018	515.889	ug/l	93
60) Dibromochloromethane	11.075	129	238690	102.817	ug/l	95
61) 1,2-Dibromoethane	11.175	107	188039	101.494	ug/l	100
64) Tetrachloroethene	10.810	164	184114	97.262	ug/l	91
65) Chlorobenzene	11.610	112	667377	99.956	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	251172	101.044	ug/l	96
67) Ethyl Benzene	11.681	91	1176287	100.318	ug/l	98
68) m/p-Xylenes	11.793	106	924273	205.243	ug/l	91
69) o-Xylene	12.122	106	453783	104.203	ug/l	94
70) Styrene	12.134	104	794298	104.193	ug/l	99
71) Bromoform	12.298	173	142379	104.581	ug/l #	98
73) Isopropylbenzene	12.422	105	1150548	98.579	ug/l	96
74) N-amyl acetate	12.234	43	245817	99.974	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	246196	98.245	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	153982m	96.325	ug/l	
77) Bromobenzene	12.698	156	264708	98.257	ug/l	88
78) n-propylbenzene	12.763	91	1396720	98.712	ug/l	96
79) 2-Chlorotoluene	12.851	91	772348	99.552	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	950468	100.713	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	73319	101.998	ug/l	98
82) 4-Chlorotoluene	12.945	91	804411	99.250	ug/l	95
83) tert-Butylbenzene	13.163	119	853543	102.719	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	974087	101.004	ug/l	96
85) sec-Butylbenzene	13.345	105	1263179	99.498	ug/l	95
86) p-Isopropyltoluene	13.457	119	1071451	102.191	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	558389	100.771	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	544228	100.246	ug/l	99
89) n-Butylbenzene	13.787	91	1011805	98.618	ug/l	98
90) Hexachloroethane	14.051	117	197949	102.120	ug/l	85
91) 1,2-Dichlorobenzene	13.828	146	478636	98.027	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	33805	94.612	ug/l	98
93) 1,2,4-Trichlorobenzene	15.098	180	301750	101.227	ug/l	97
94) Hexachlorobutadiene	15.204	225	133680	93.245	ug/l	98
95) Naphthalene	15.328	128	670522	103.887	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	268994	100.558	ug/l	98

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

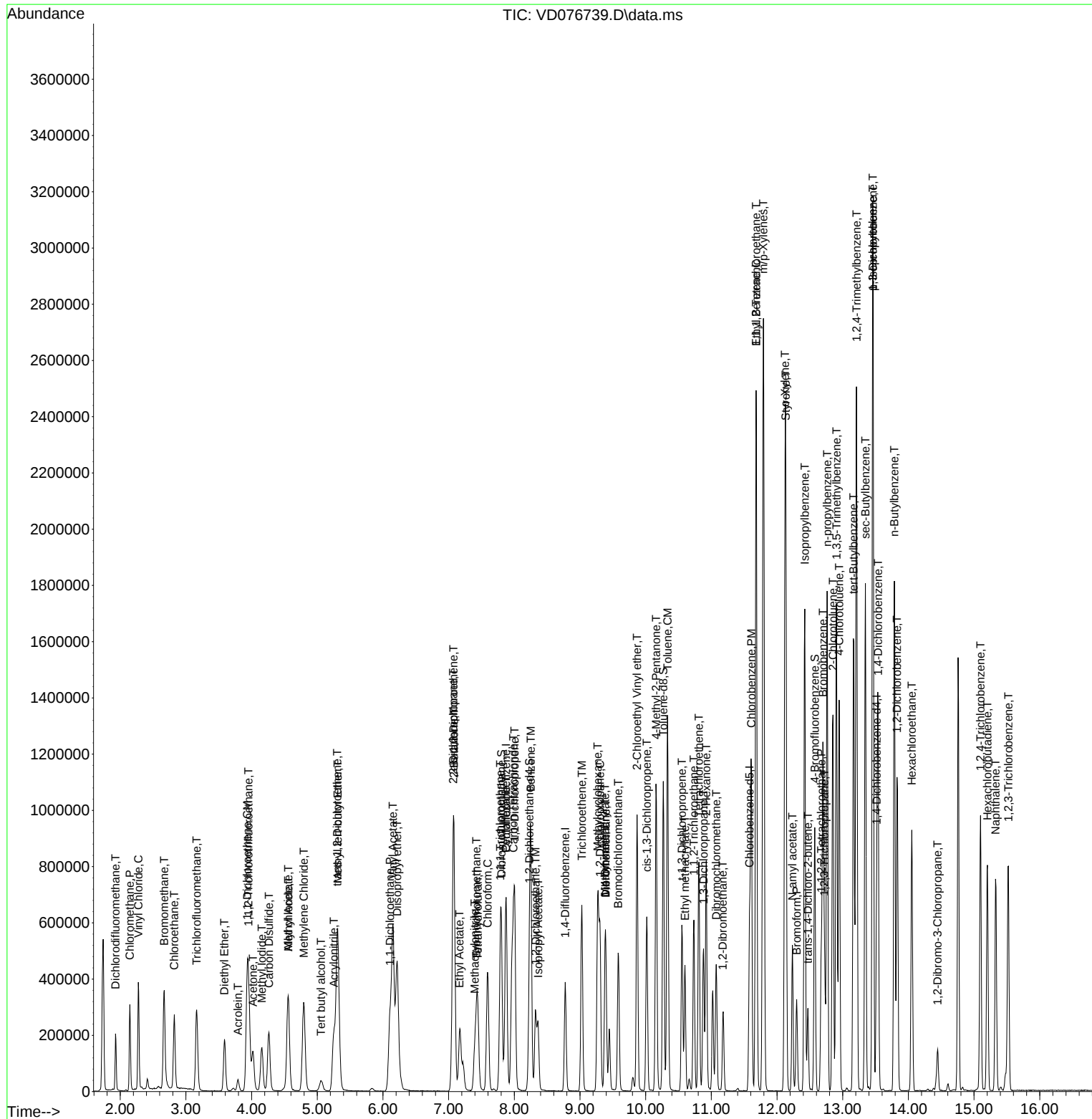
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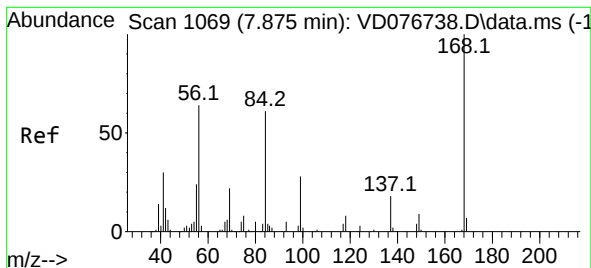
Instrument :
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ClientSampleId :
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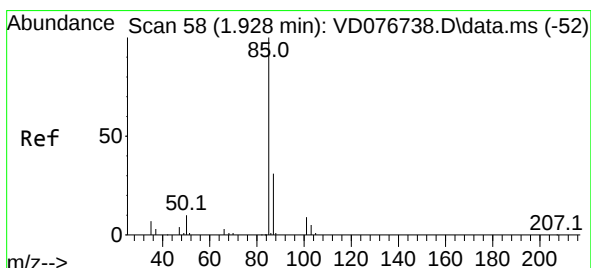
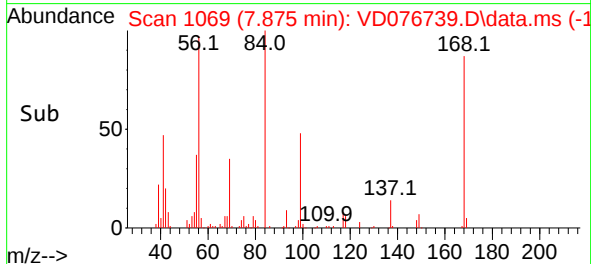
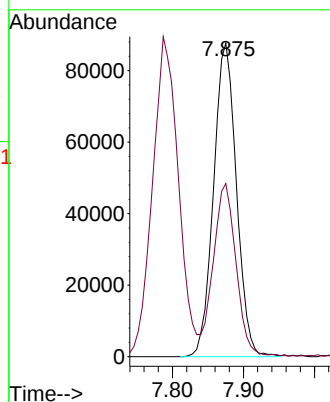
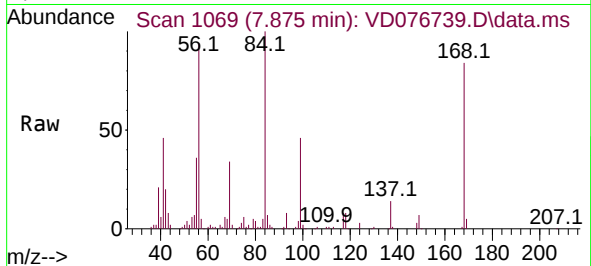
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:168 Resp: 195620
Ion Ratio Lower Upper
168 100
99 54.9 36.7 55.1

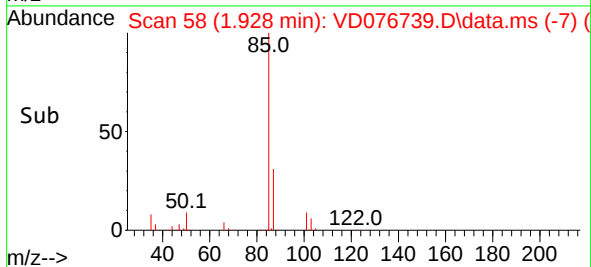
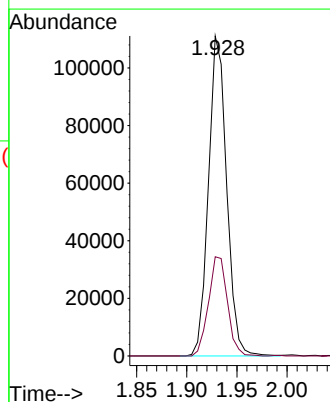
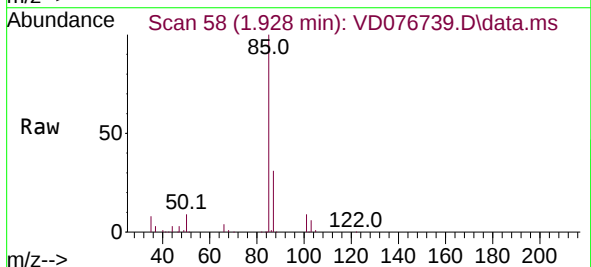
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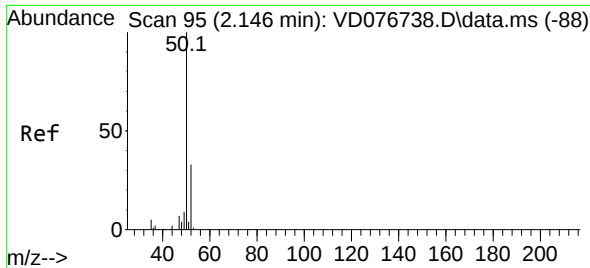
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 91.824 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

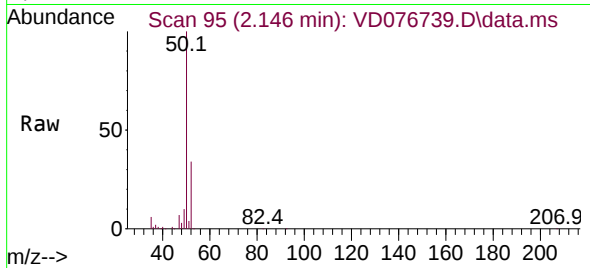
Tgt Ion: 85 Resp: 140465
Ion Ratio Lower Upper
85 100
87 31.0 15.7 47.0





#3
Chloromethane
Concen: 91.599 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

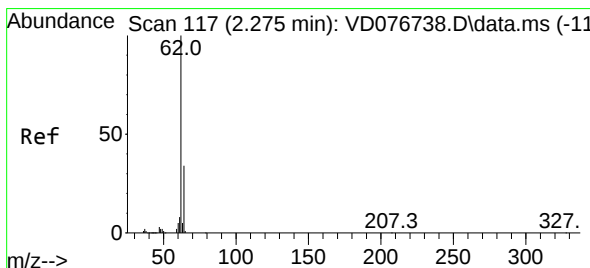
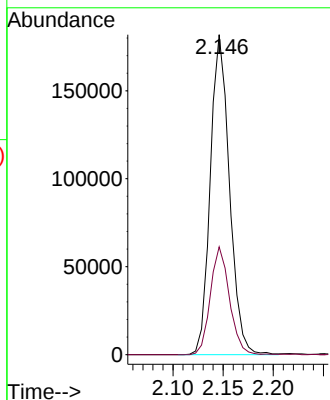
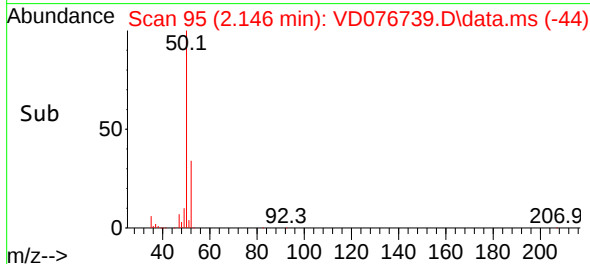
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 24171
Ion Ratio Lower Upper
50 100
52 33.7 26.6 40.0

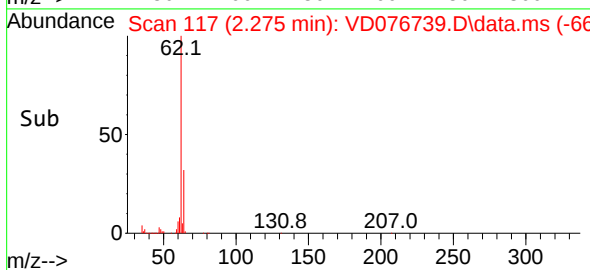
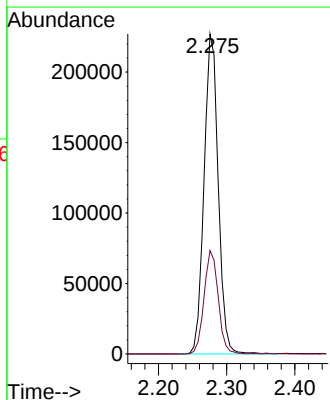
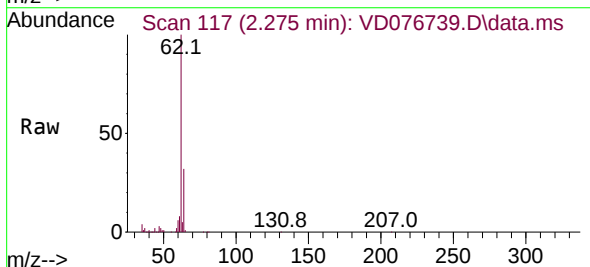
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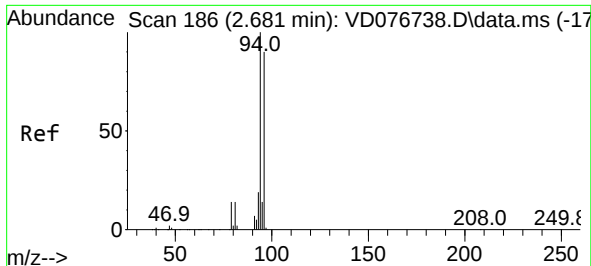
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#4
Vinyl Chloride
Concen: 93.331 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

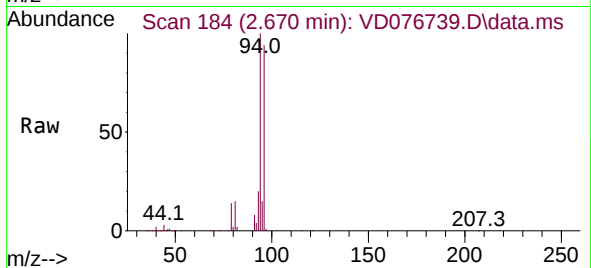
Tgt Ion: 62 Resp: 328303
Ion Ratio Lower Upper
62 100
64 32.3 26.0 39.0





#5
Bromomethane
Concen: 93.232 ug/l
RT: 2.670 min Scan# 186
Delta R.T. -0.011 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

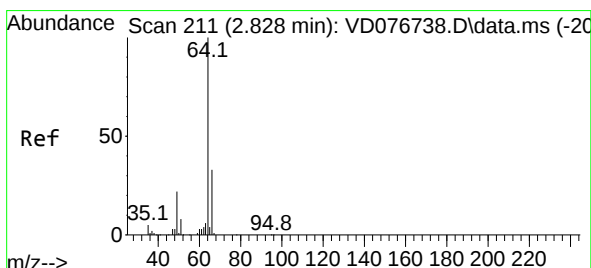
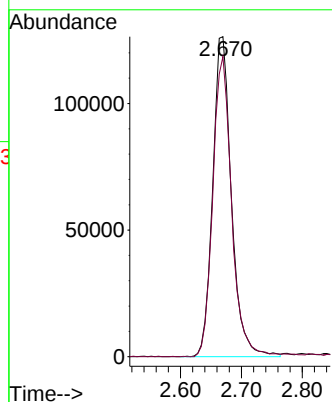
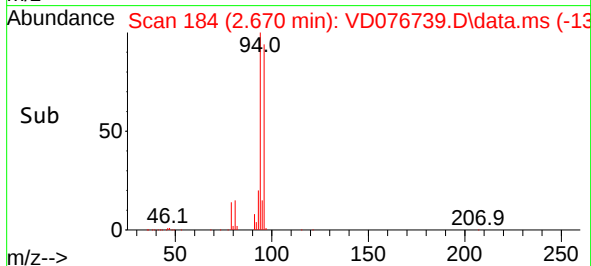
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Tgt Ion: 94 Resp: 269833
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.8

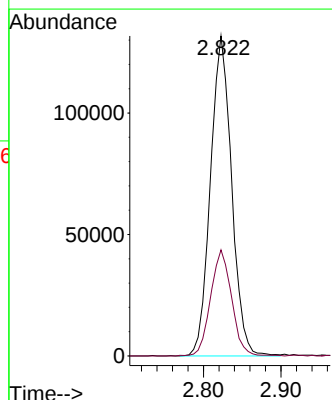
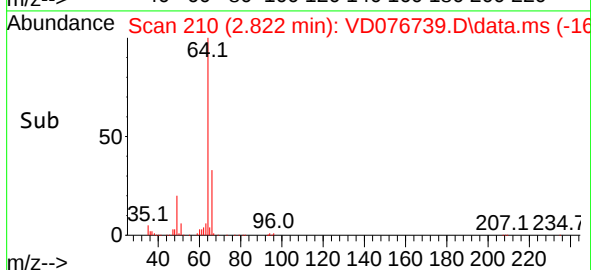
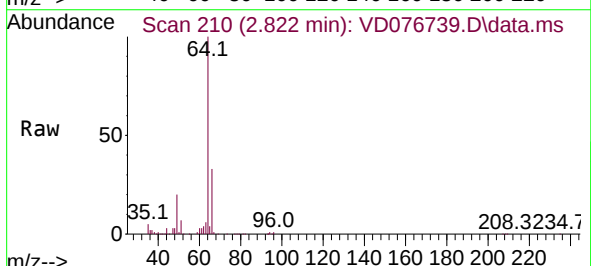
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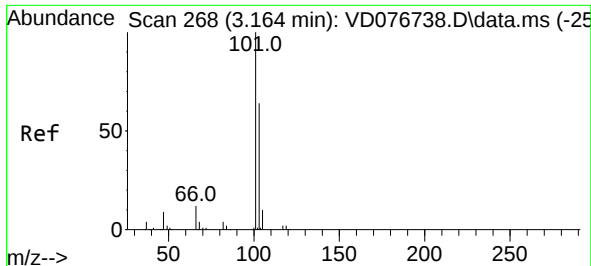
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#6
Chloroethane
Concen: 94.242 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

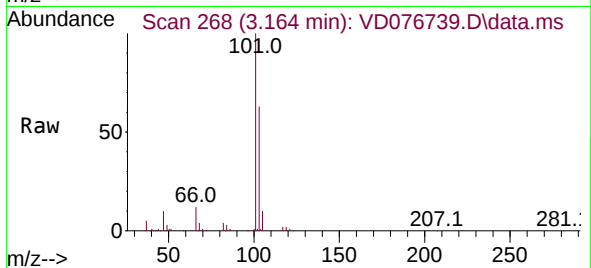
Tgt Ion: 64 Resp: 250295
Ion Ratio Lower Upper
64 100
66 33.0 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 94.461 ug/l
 RT: 3.164 min Scan# 268
 Delta R.T. -0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

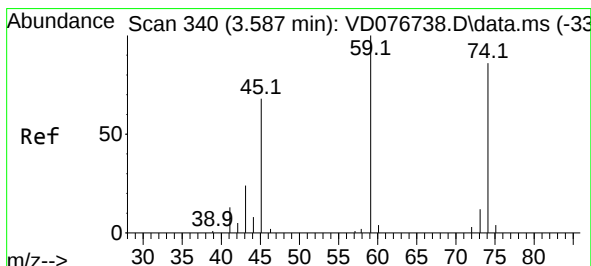
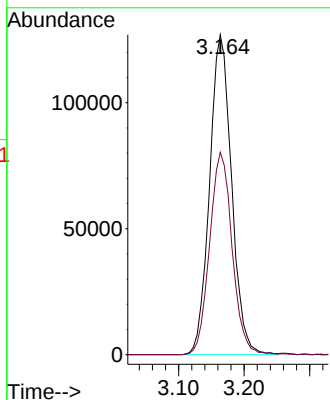
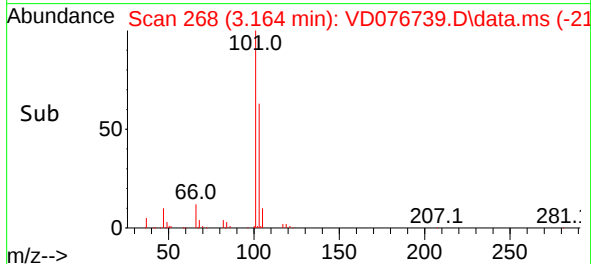
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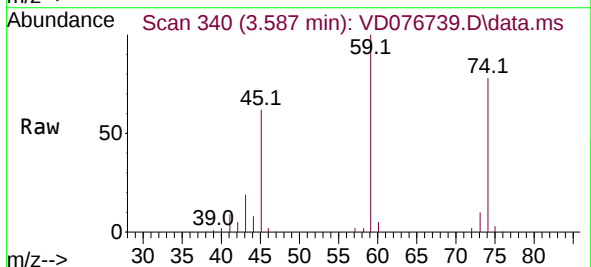
Tgt Ion:101 Resp: 29566
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.3 78.5

Manual Integrations
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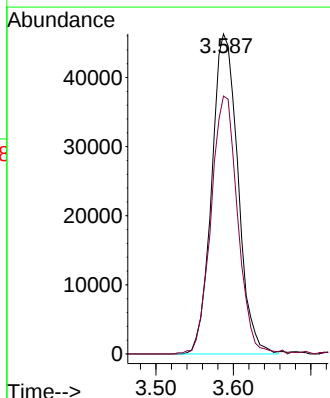
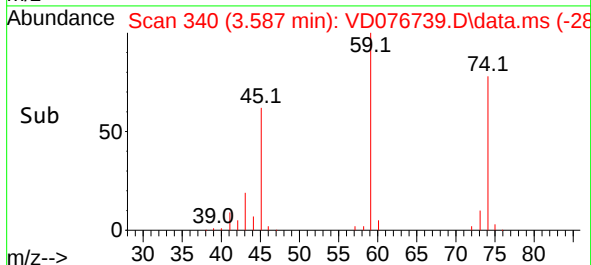
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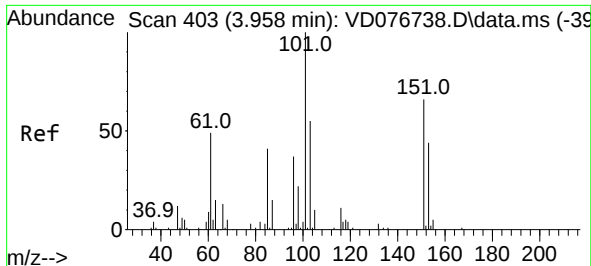


#8
 Diethyl Ether
 Concen: 100.979 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49



Tgt Ion: 74 Resp: 108820
 Ion Ratio Lower Upper
 74 100
 45 82.1 37.5 112.7





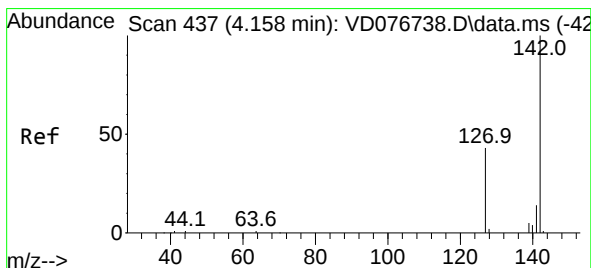
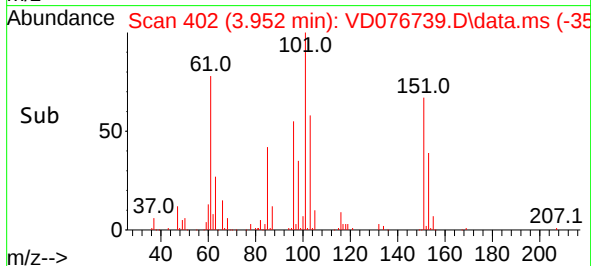
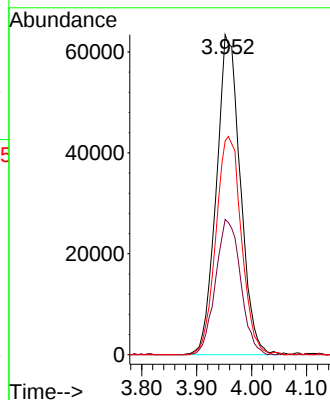
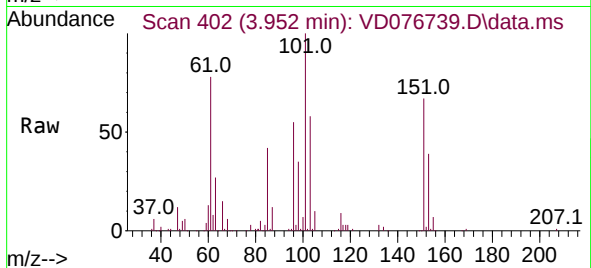
#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.410 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 19218
Ion Ratio Lower Upper
101 100
85 44.2 33.8 50.6
151 72.5 59.8 89.6

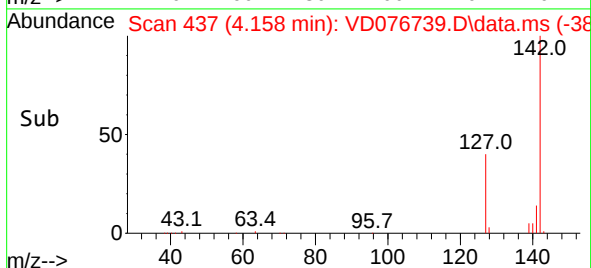
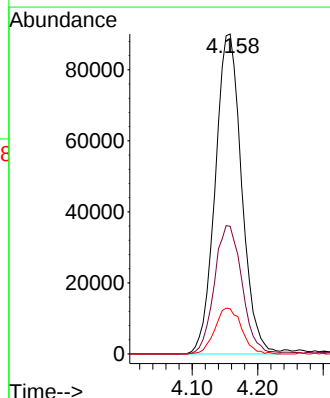
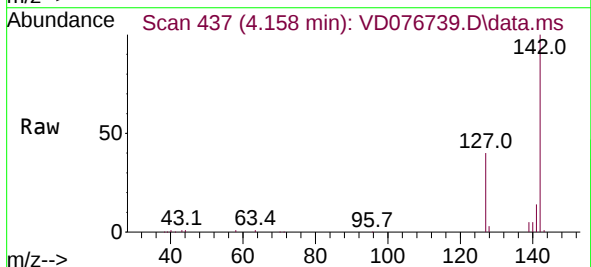
Manual Integrations
APPROVED

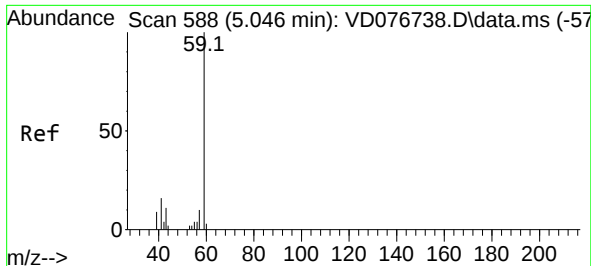
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#10
Methyl Iodide
Concen: 108.611 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion:142 Resp: 251902
Ion Ratio Lower Upper
142 100
127 42.3 29.4 44.0
141 14.5 11.1 16.7





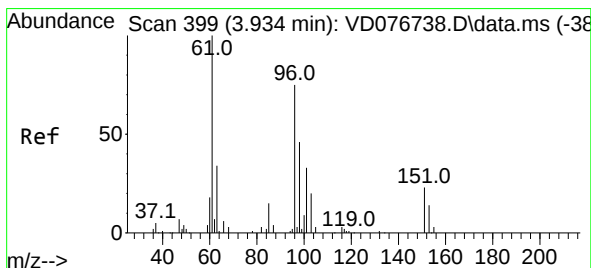
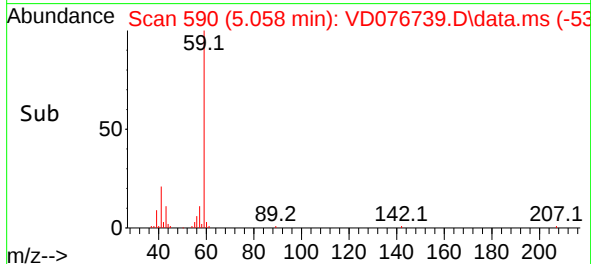
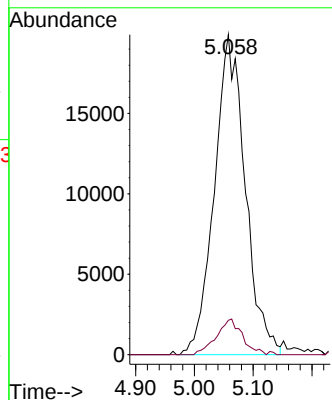
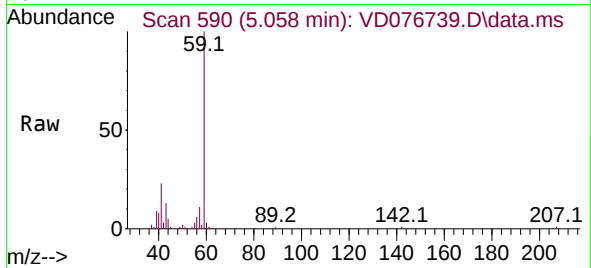
#11
Tert butyl alcohol
Concen: 498.037 ug/l
RT: 5.058 min Scan# 588
Delta R.T. 0.012 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 59 Resp: 72412
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.8

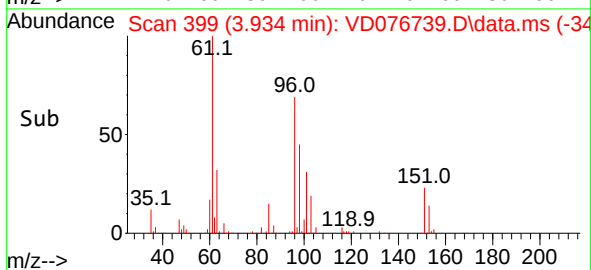
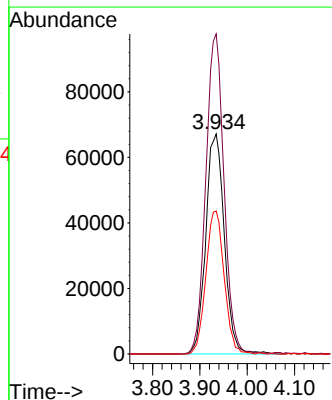
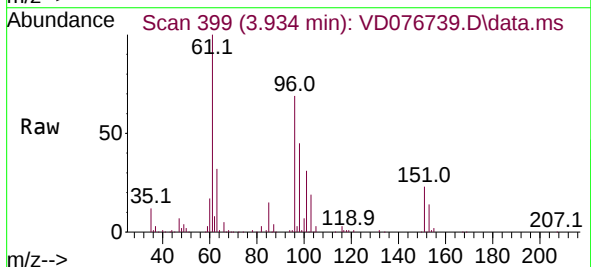
Manual Integrations
APPROVED

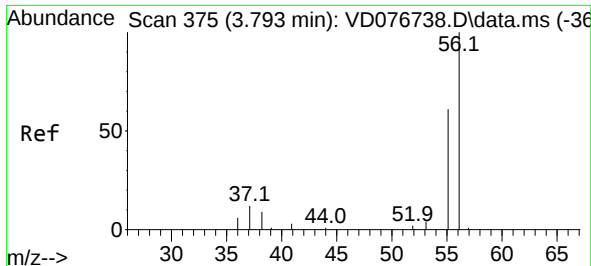
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#12
1,1-Dichloroethene
Concen: 94.629 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 96 Resp: 182921
Ion Ratio Lower Upper
96 100
61 145.5 100.6 150.8
98 65.0 50.2 75.2





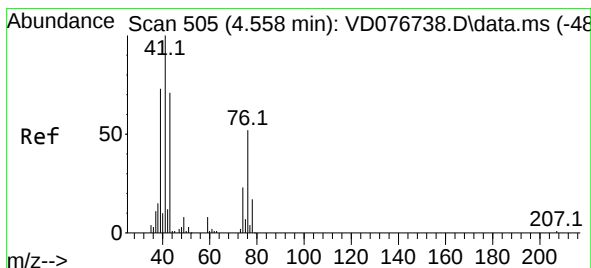
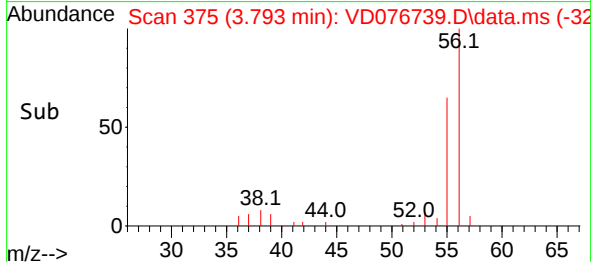
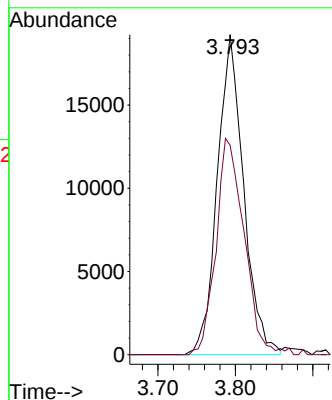
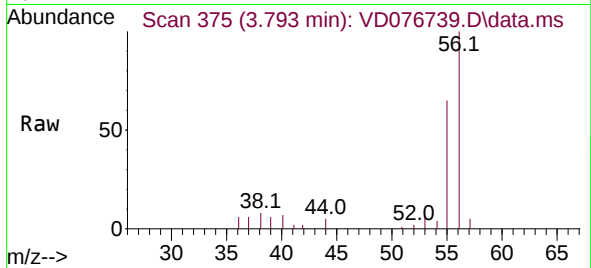
#13
Acrolein
Concen: 457.836 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 4536
Ion Ratio Lower Upper
56 100
55 72.4 55.1 82.7

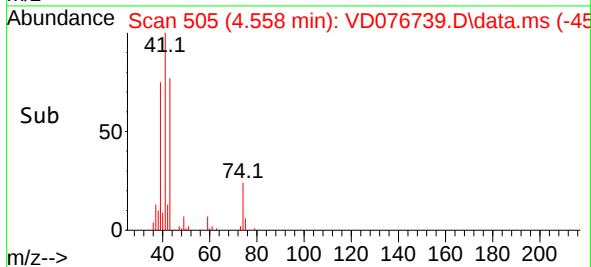
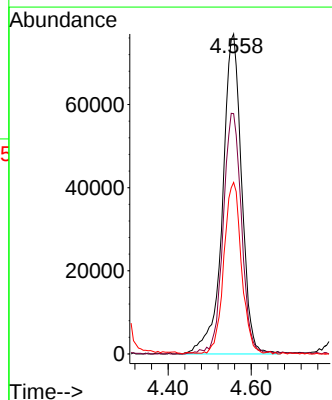
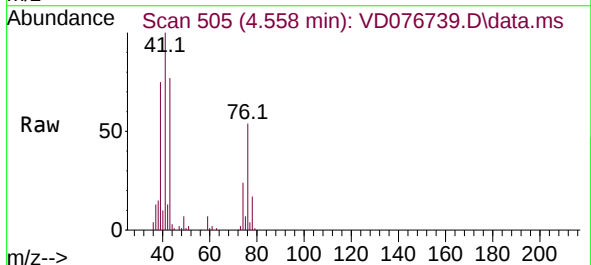
Manual Integrations
APPROVED

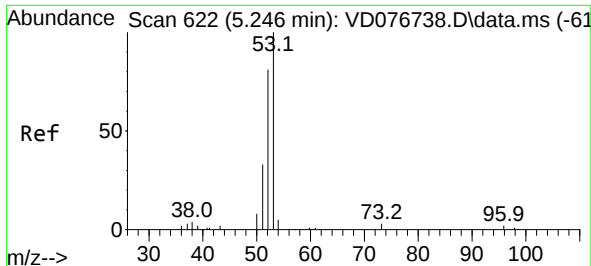
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#14
Allyl chloride
Concen: 96.500 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 41 Resp: 245046
Ion Ratio Lower Upper
41 100
39 72.3 53.8 80.6
76 48.8 45.8 68.8





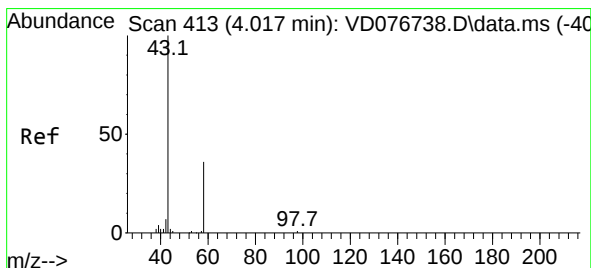
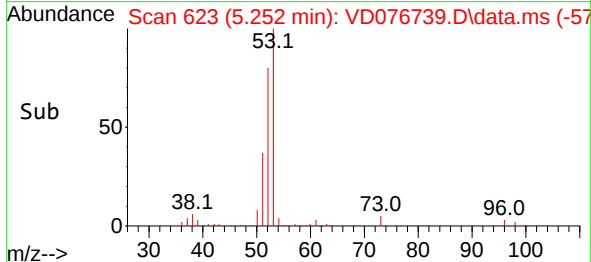
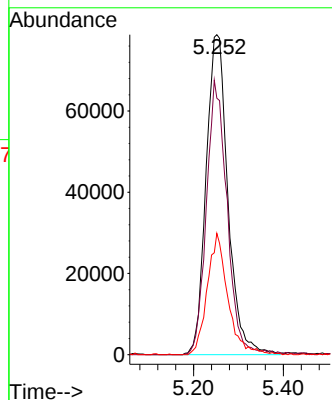
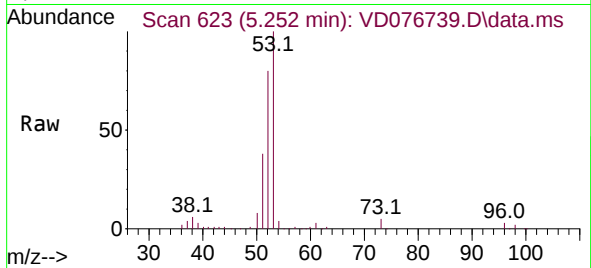
#15
Acrylonitrile
Concen: 504.170 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 53 Resp: 266852
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.4
51 35.6 28.3 42.5

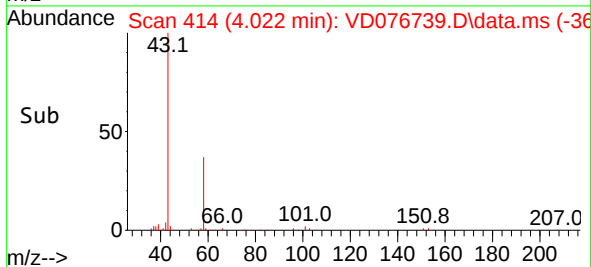
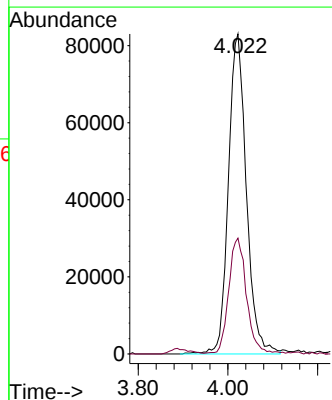
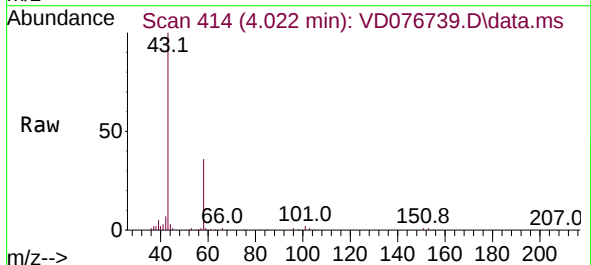
Manual Integrations
APPROVED

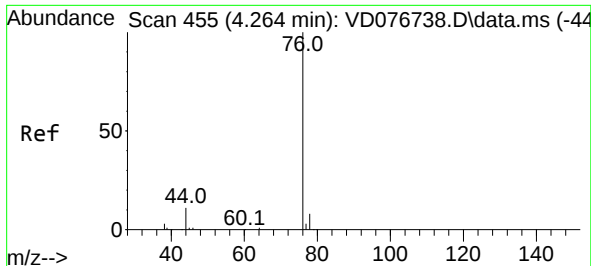
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
Acetone
Concen: 496.508 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

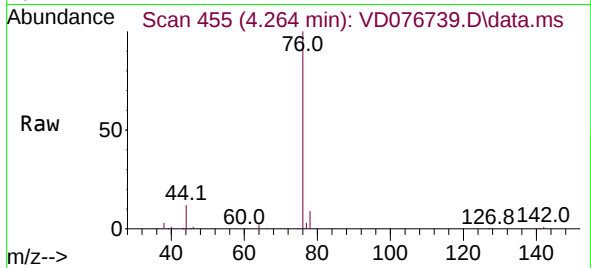
Tgt Ion: 43 Resp: 231039
Ion Ratio Lower Upper
43 100
58 35.8 34.7 52.1





#17
Carbon Disulfide
Concen: 97.687 ug/l
RT: 4.264 min Scan# 410
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

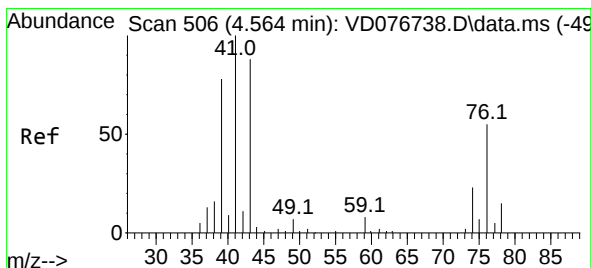
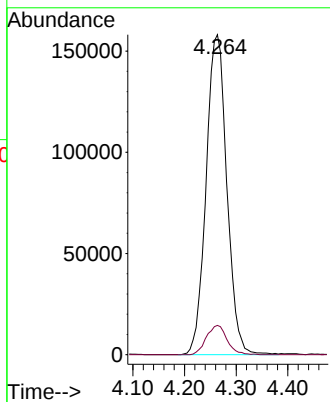
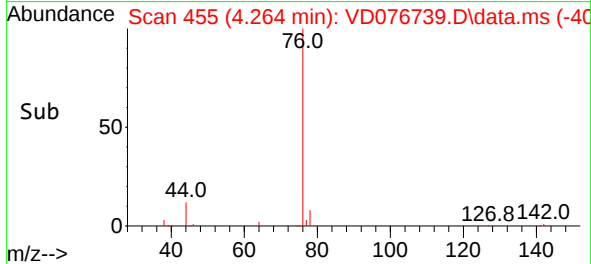
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



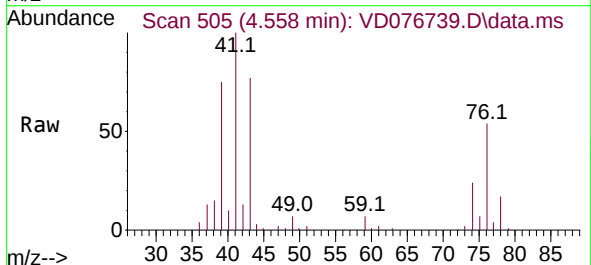
Tgt Ion: 76 Resp: 441040
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2

Manual Integrations
APPROVED

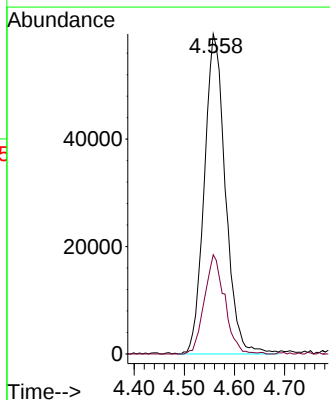
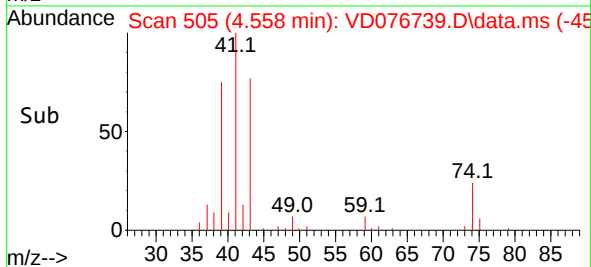
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

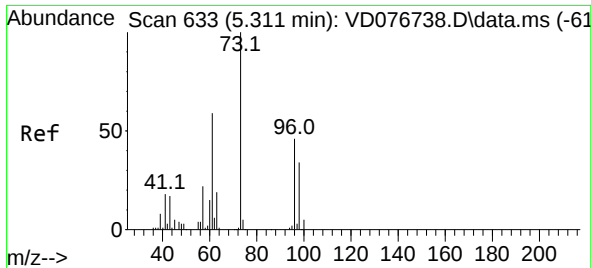


#18
Methyl Acetate
Concen: 99.881 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49



Tgt Ion: 43 Resp: 174621
Ion Ratio Lower Upper
43 100
74 29.6 26.4 39.6





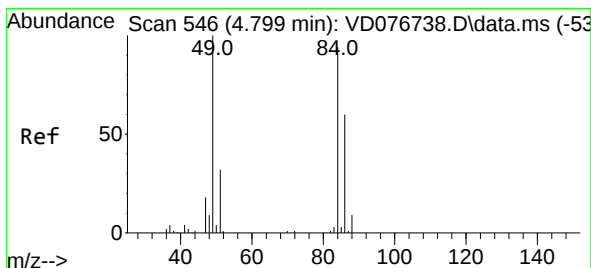
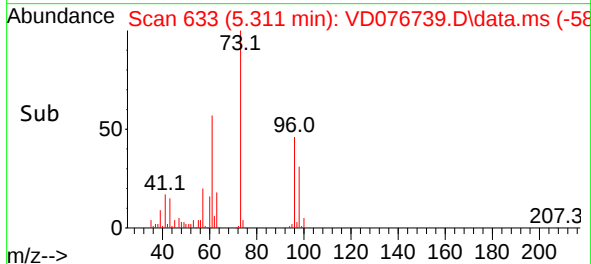
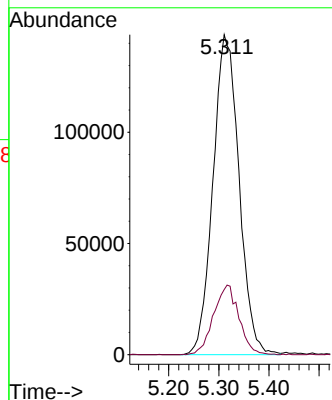
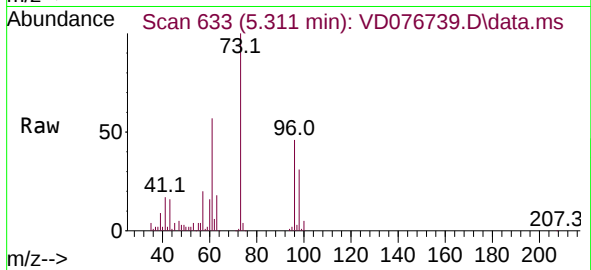
#19
Methyl tert-butyl Ether
Concen: 100.197 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 73 Resp: 51939
Ion Ratio Lower Upper
73 100
57 20.4 16.6 25.0

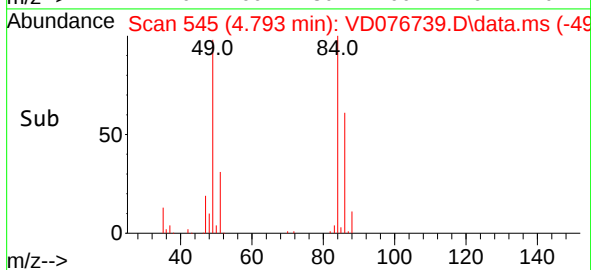
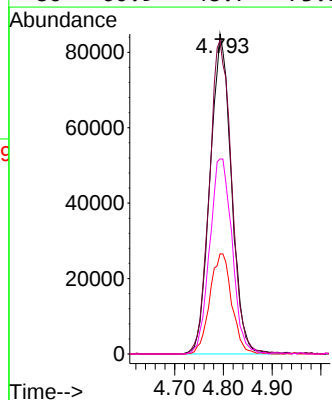
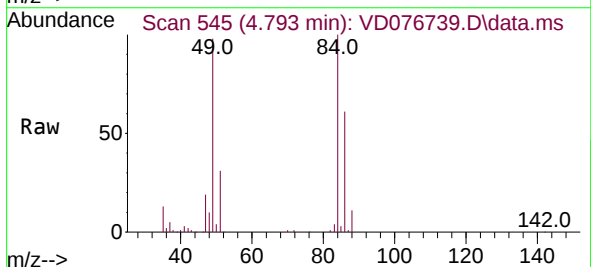
Manual Integrations
APPROVED

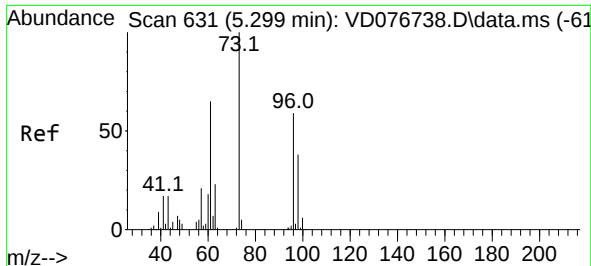
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 104.190 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

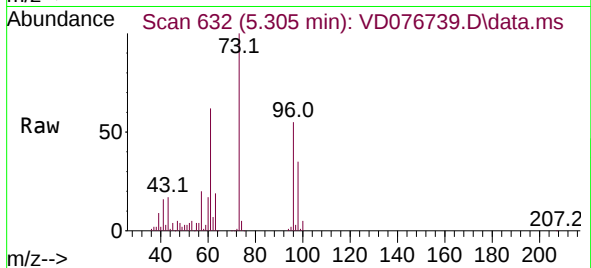
Tgt Ion: 84 Resp: 257763
Ion Ratio Lower Upper
84 100
49 98.0 71.4 107.2
51 31.3 24.5 36.7
86 60.9 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 96.825 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

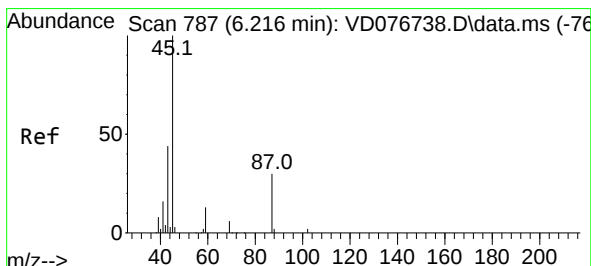
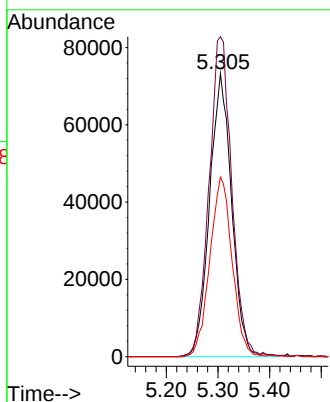
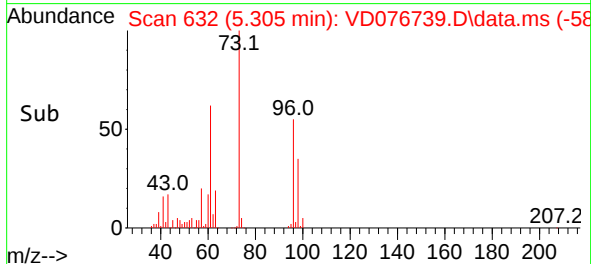
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



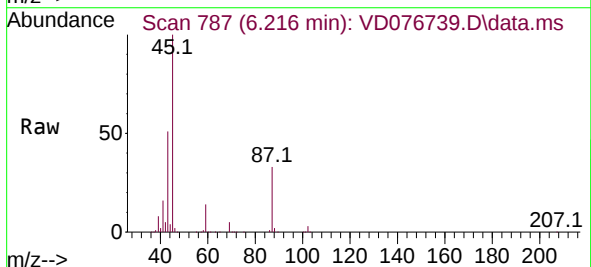
Tgt Ion: 96 Resp: 21755
Ion Ratio Lower Upper
96 100
61 113.0 89.3 133.9
98 63.4 48.6 73.0

Manual Integrations
APPROVED

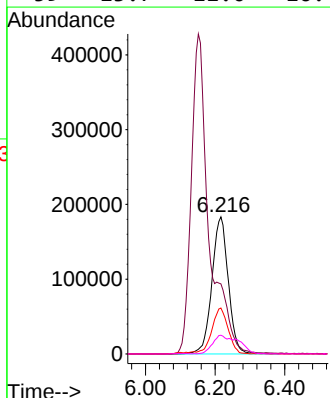
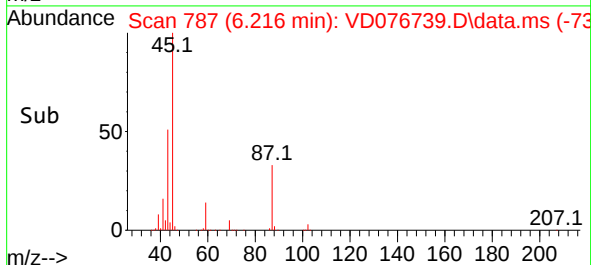
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

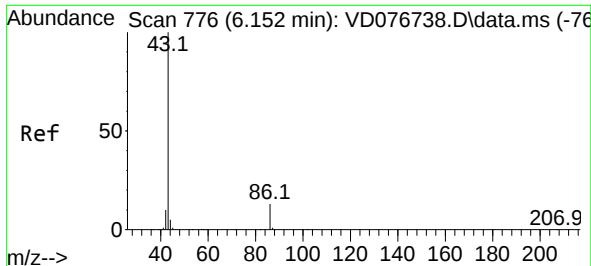


#22
Diisopropyl ether
Concen: 99.750 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49



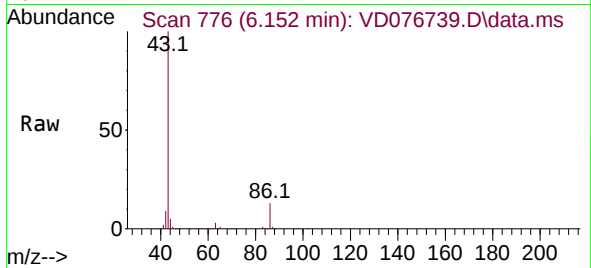
Tgt Ion: 45 Resp: 599807
Ion Ratio Lower Upper
45 100
43 50.7 40.0 60.0
87 33.4 28.2 42.4
59 13.7 11.0 16.4





#23
 Vinyl Acetate
 Concen: 509.517 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

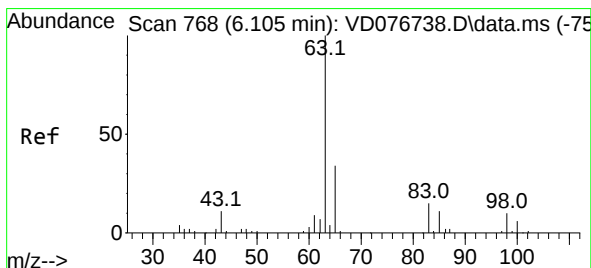
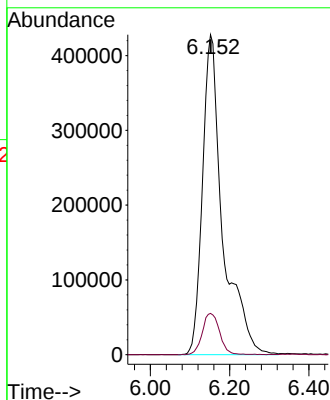
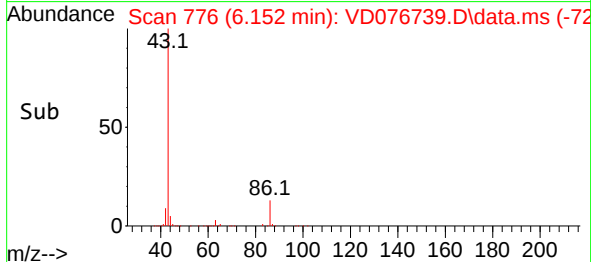
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC100



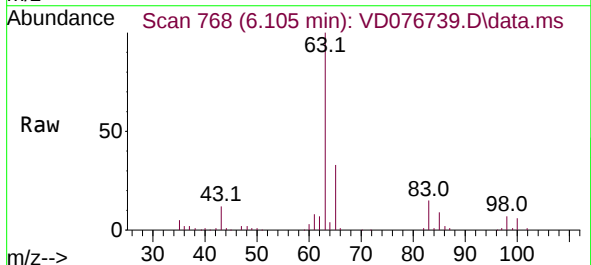
Tgt Ion: 43 Resp: 151591
 Ion Ratio Lower Upper
 43 100
 86 12.9 12.5 18.7

Manual Integrations
 APPROVED

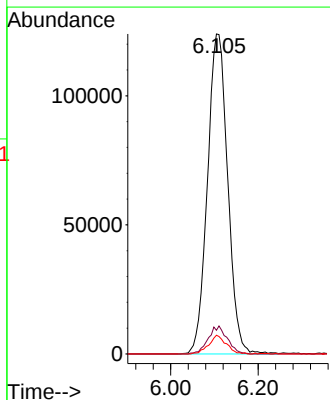
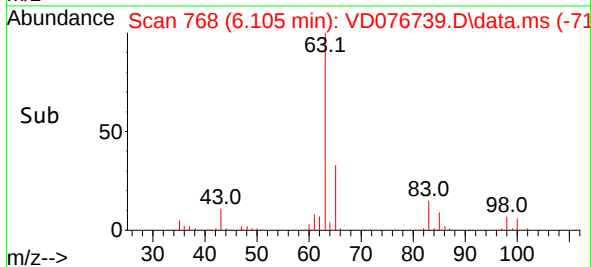
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

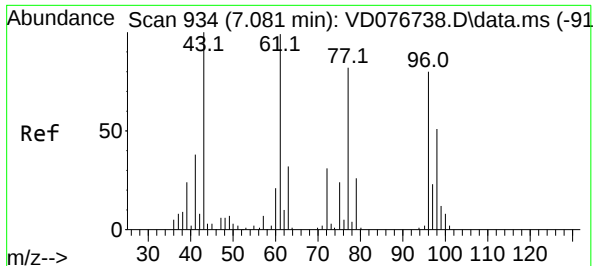


#24
 1,1-Dichloroethane
 Concen: 98.485 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49



Tgt Ion: 63 Resp: 399282
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.5 13.7
 100 5.9 2.5 7.5





#25

2-Butanone

Concen: 511.431 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 31850

Ion Ratio Lower Upper

43 100

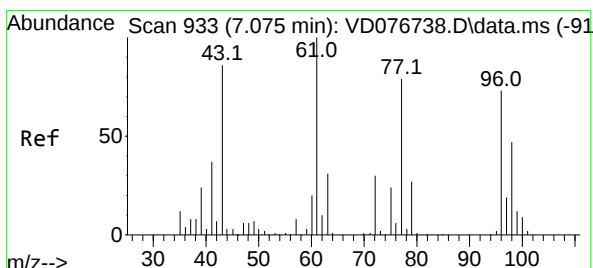
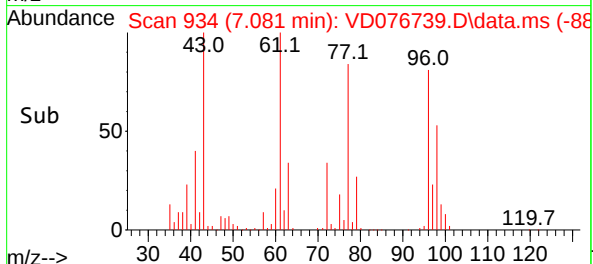
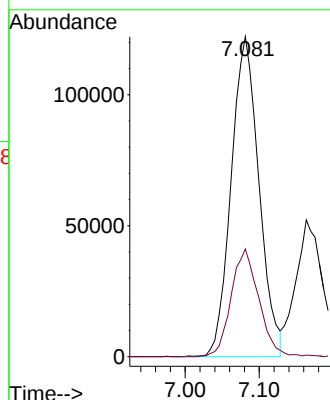
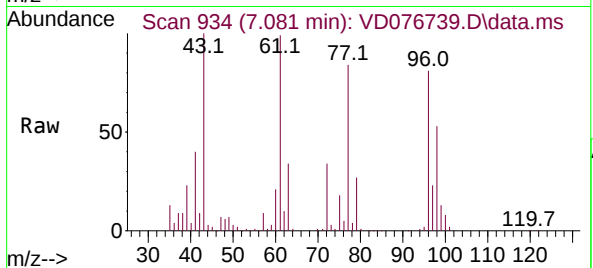
72 33.7 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#26

2,2-Dichloropropane

Concen: 97.882 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076739.D

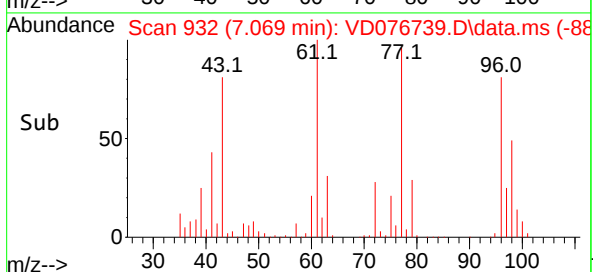
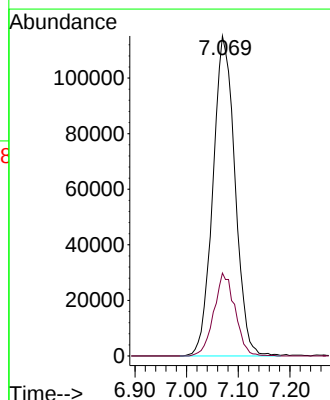
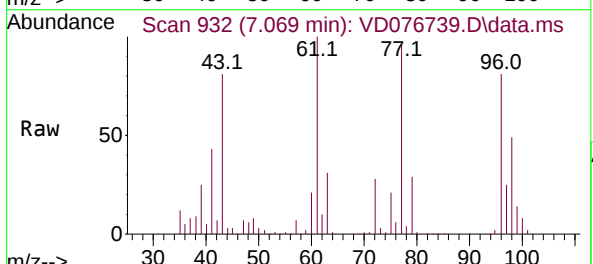
Acq: 14 Jul 2023 13:49

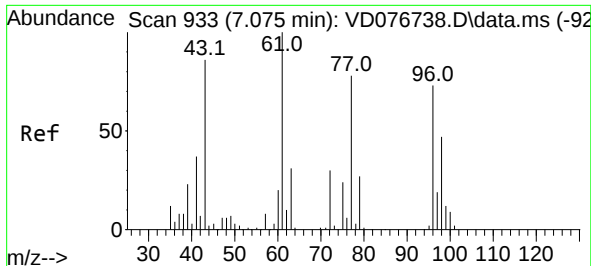
Tgt Ion: 77 Resp: 342084

Ion Ratio Lower Upper

77 100

97 24.8 13.2 39.6





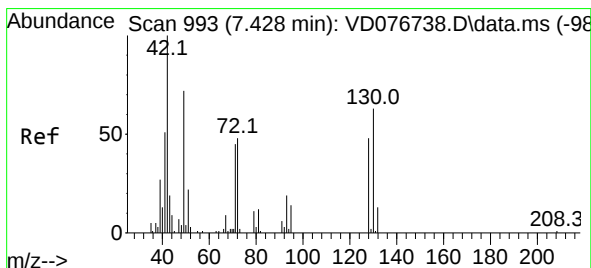
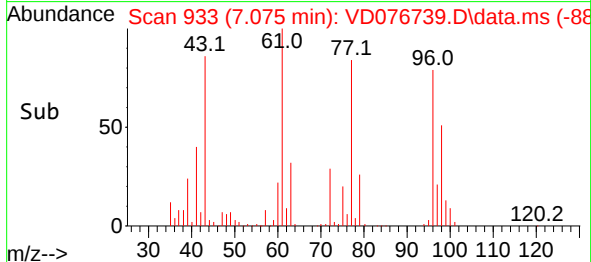
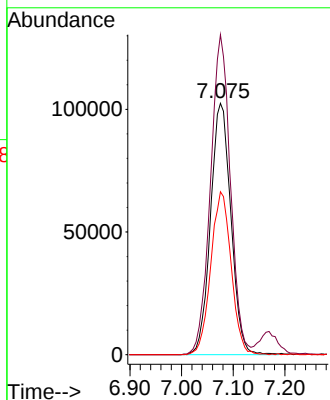
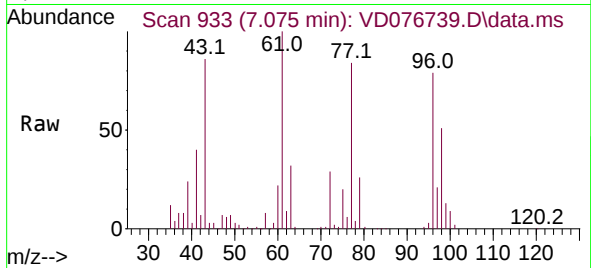
#27
 cis-1,2-Dichloroethene
 Concen: 101.549 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Tgt Ion: 96 Resp: 281284
 Ion Ratio Lower Upper
 96 100
 61 124.5 0.0 239.2
 98 64.6 0.0 128.6

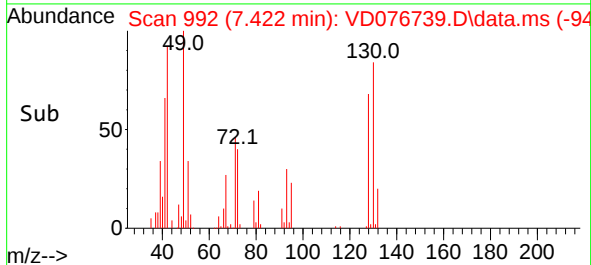
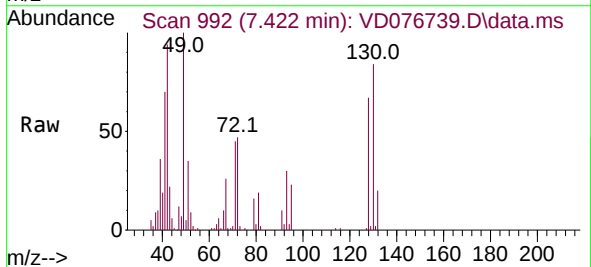
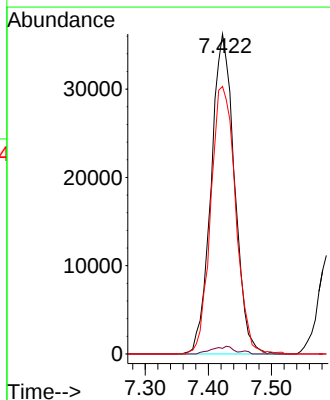
Manual Integrations
 APPROVED

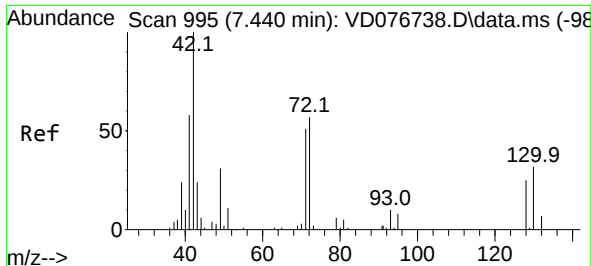
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#28
 Bromochloromethane
 Concen: 91.843 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

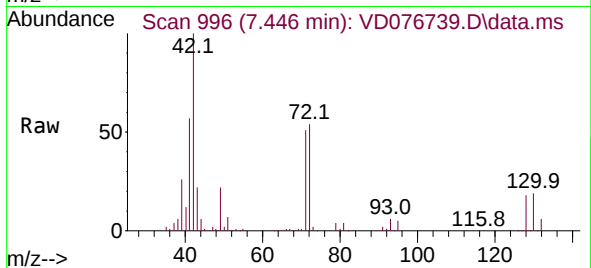
Tgt Ion: 49 Resp: 93093
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 6.0
 130 88.8 83.2 124.8





#29
Tetrahydrofuran
Concen: 507.168 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

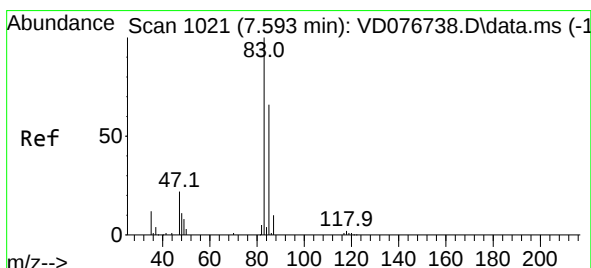
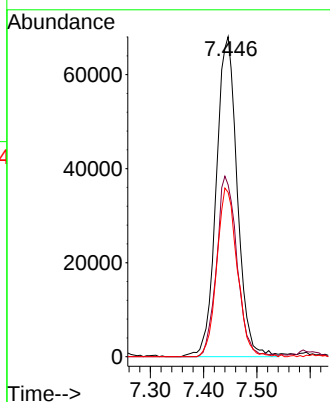
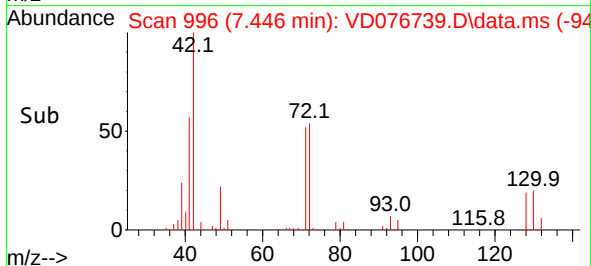
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 42 Resp: 186610
Ion Ratio Lower Upper
42 100
72 55.0 46.5 69.7
71 51.2 44.5 66.7

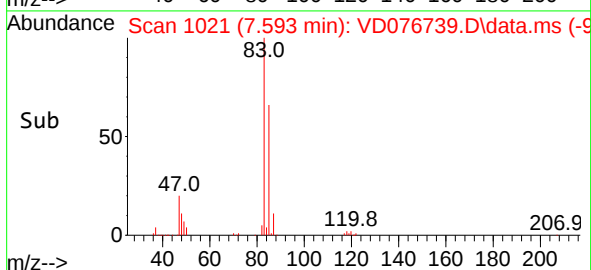
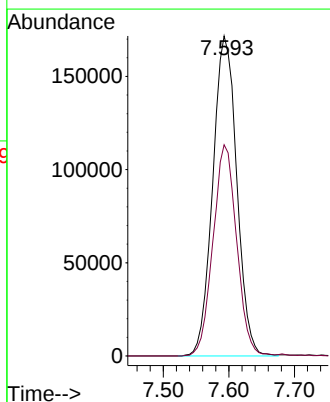
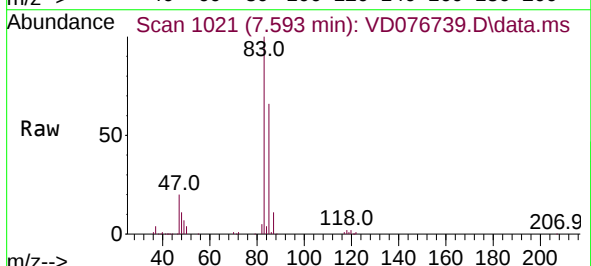
Manual Integrations
APPROVED

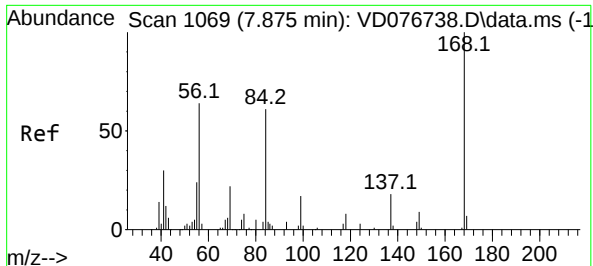
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#30
Chloroform
Concen: 98.267 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

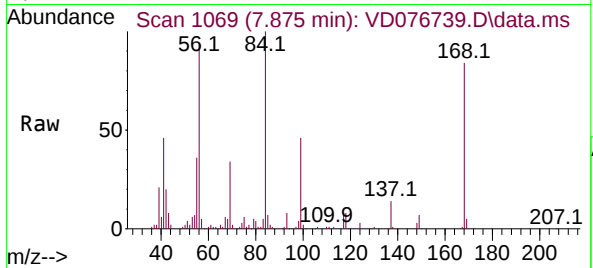
Tgt Ion: 83 Resp: 436355
Ion Ratio Lower Upper
83 100
85 66.0 53.4 80.2





#31
Cyclohexane
Concen: 89.283 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

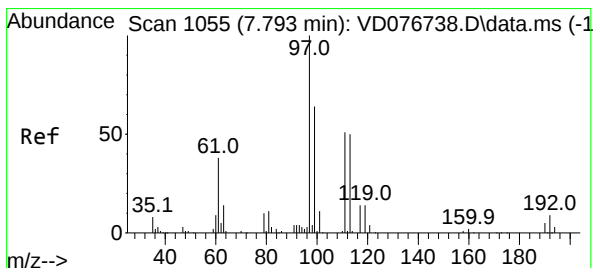
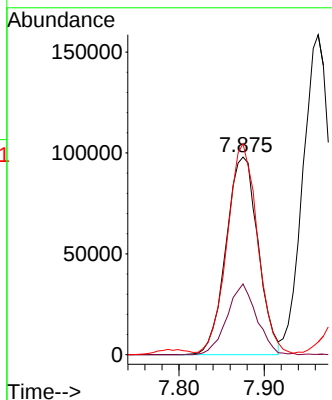
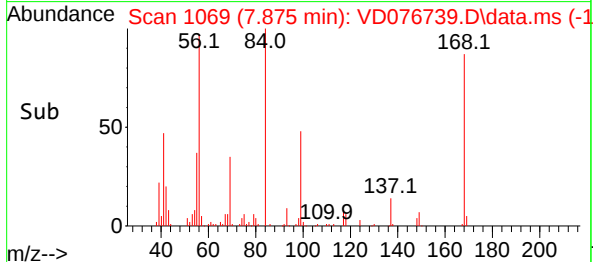
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 56 Resp: 25601
Ion Ratio Lower Upper
56 100
69 35.8 28.6 43.0
84 104.2 84.8 127.2

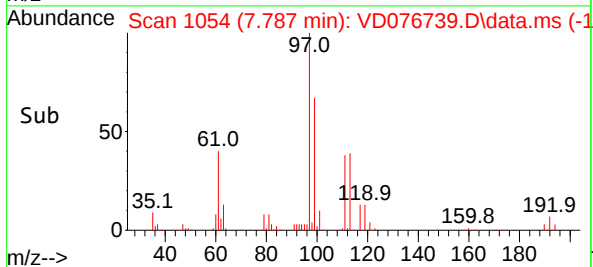
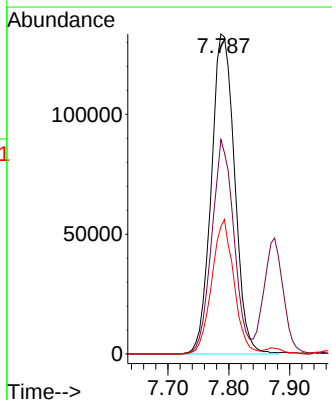
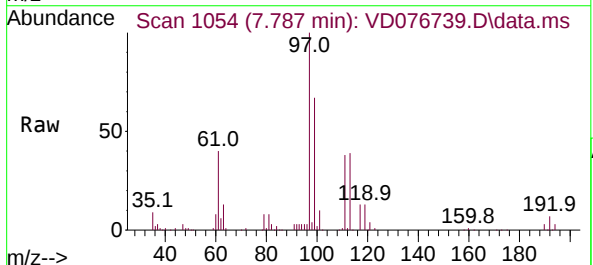
Manual Integrations
APPROVED

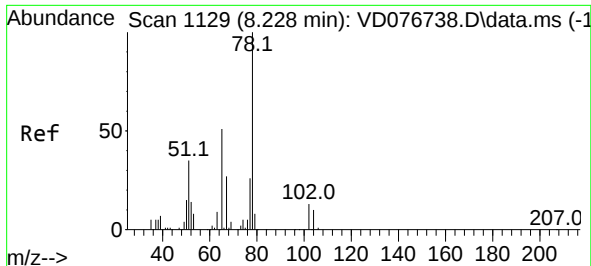
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#32
1,1,1-Trichloroethane
Concen: 99.313 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 97 Resp: 355810
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 39.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 97.195 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 65 Resp: 189379

Ion Ratio Lower Upper

65 100

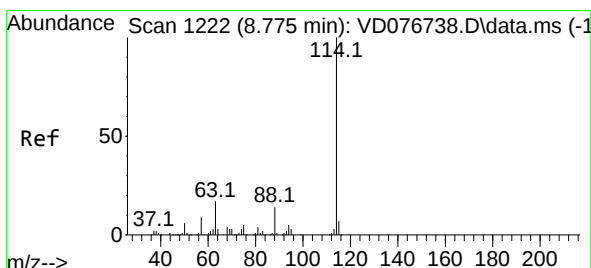
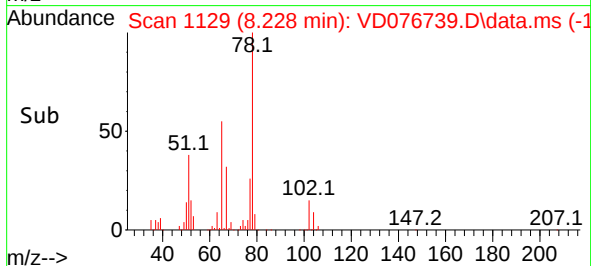
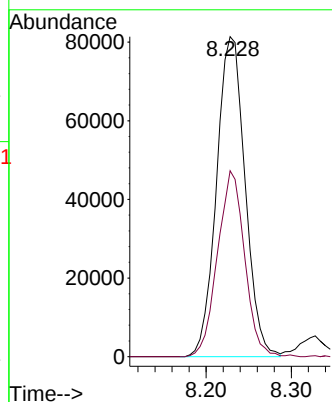
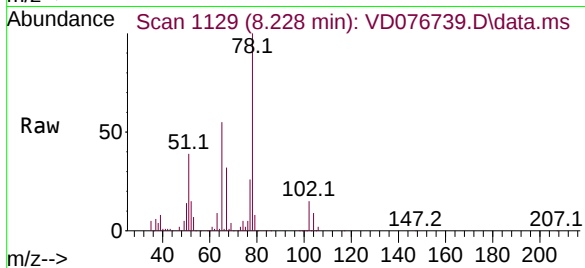
67 55.0 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

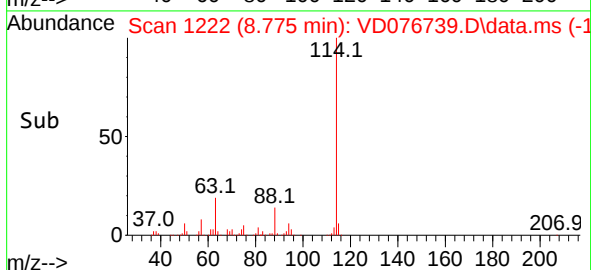
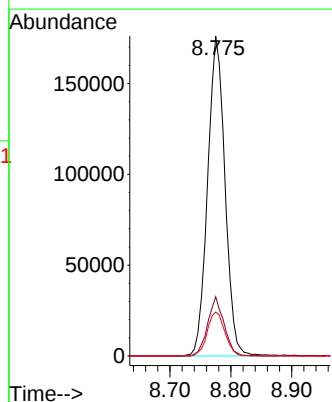
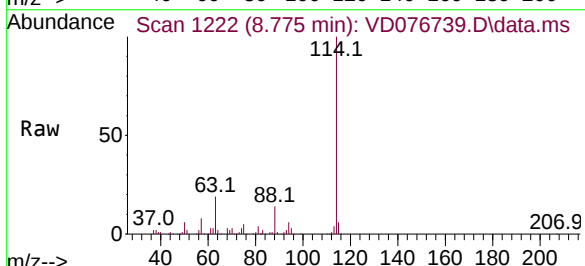
Tgt Ion:114 Resp: 349566

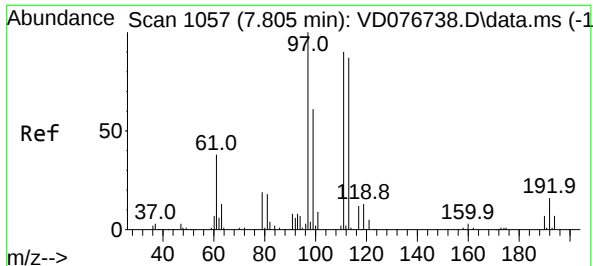
Ion Ratio Lower Upper

114 100

63 18.5 0.0 33.4

88 13.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 100.856 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 113 Resp: 221550

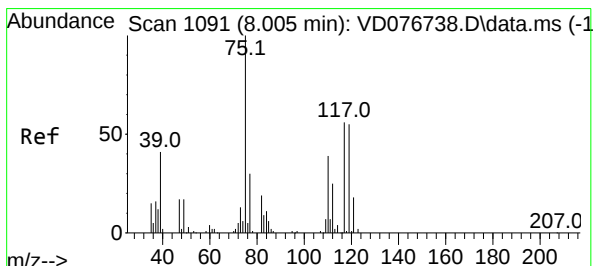
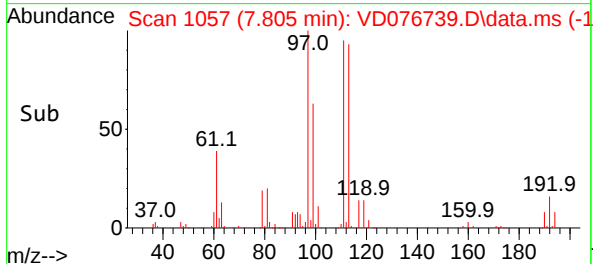
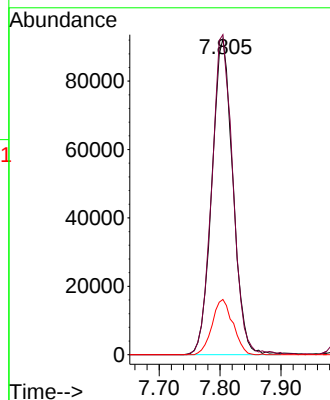
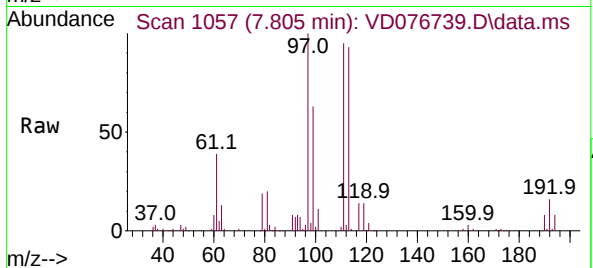
Ion	Ratio	Lower	Upper
113	100		
111	101.7	84.7	127.1
192	17.3	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#36

1,1-Dichloropropene

Concen: 100.835 ug/l

RT: 8.005 min Scan# 1091

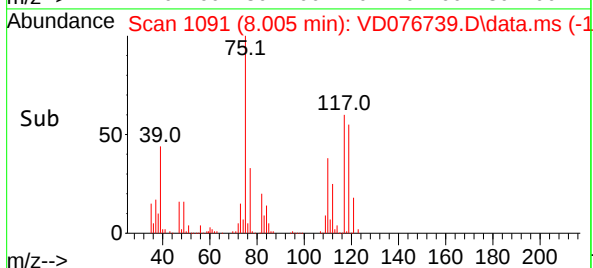
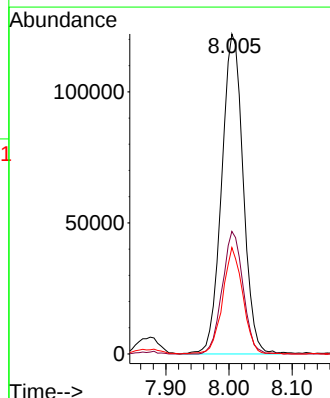
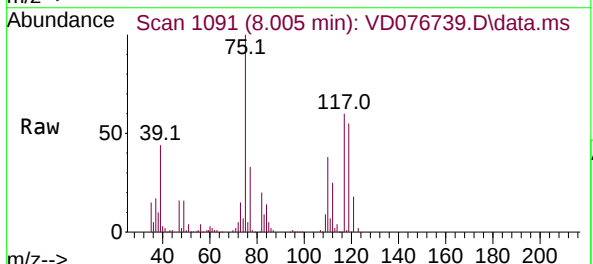
Delta R.T. -0.000 min

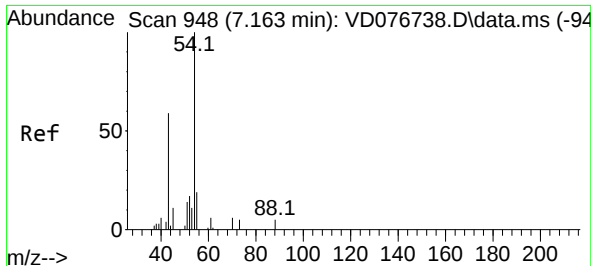
Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Tgt Ion: 75 Resp: 289445

Ion	Ratio	Lower	Upper
75	100		
110	36.9	19.9	59.6
77	31.3	24.7	37.1





#37

Ethyl Acetate

Concen: 103.484 ug/l

RT: 7.163 min Scan# 948

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 43 Resp: 13284

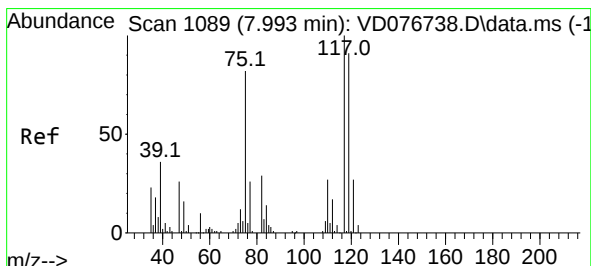
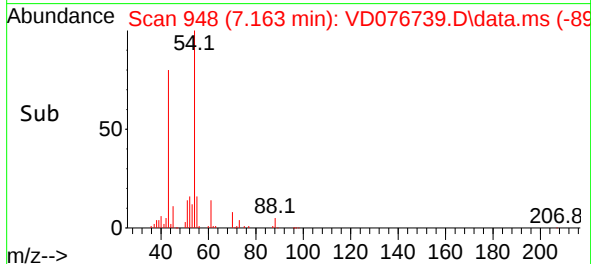
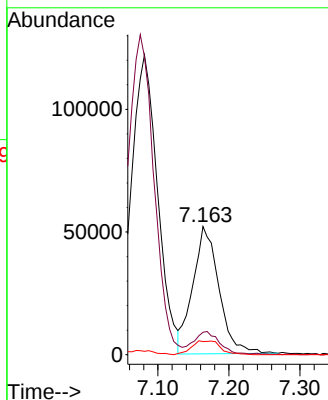
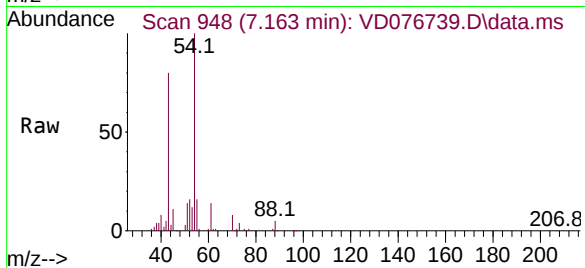
Ion	Ratio	Lower	Upper
43	100		
61	17.2	14.9	22.3
70	11.9	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#38

Carbon Tetrachloride

Concen: 100.724 ug/l

RT: 7.987 min Scan# 1088

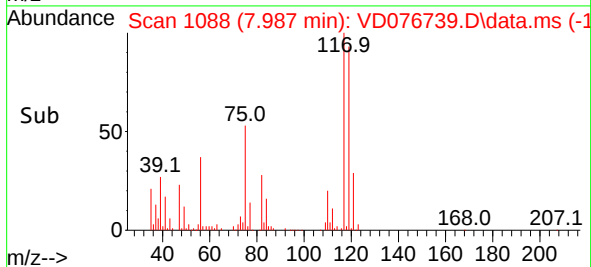
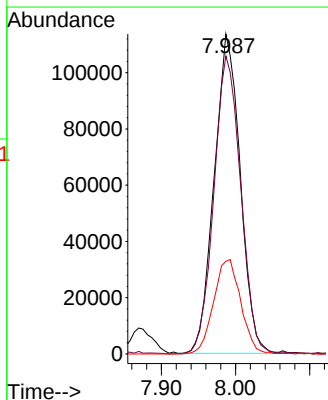
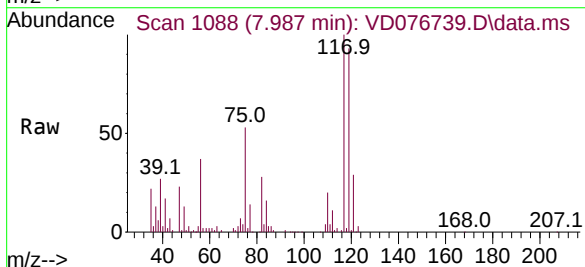
Delta R.T. -0.006 min

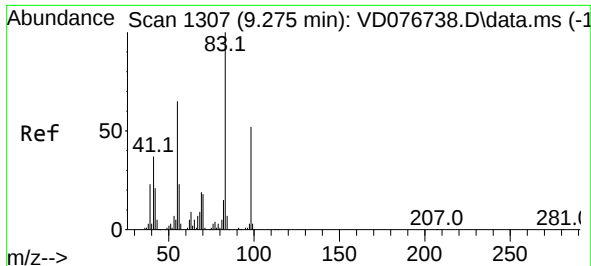
Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Tgt Ion:117 Resp: 276845

Ion	Ratio	Lower	Upper
117	100		
119	93.2	78.0	117.0
121	29.0	24.2	36.2





#39

Methylcyclohexane

Concen: 98.273 ug/l

RT: 9.269 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD076739.D

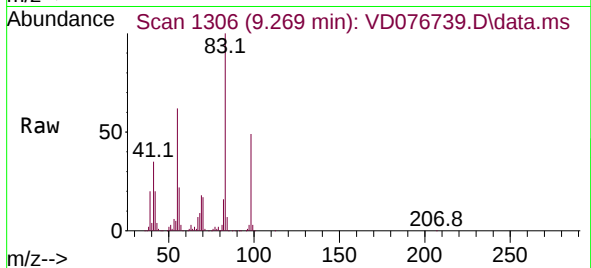
Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100



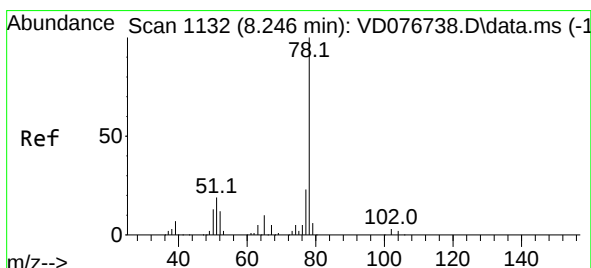
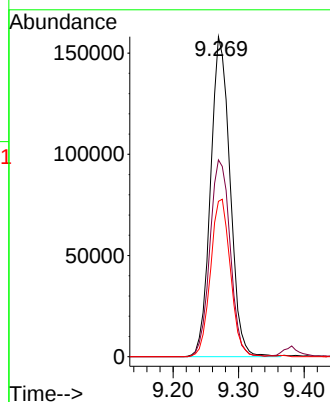
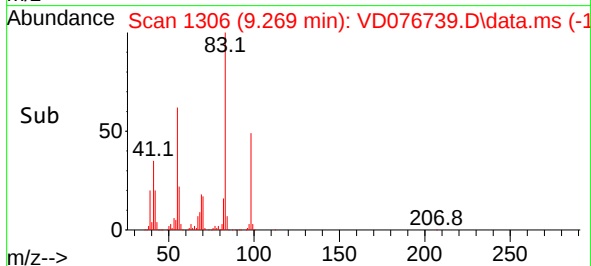
Tgt Ion:	83	Resp:	325719
Ion	Ratio	Lower	Upper
83	100		
55	61.5	49.4	74.0
98	48.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#40

Benzene

Concen: 100.978 ug/l

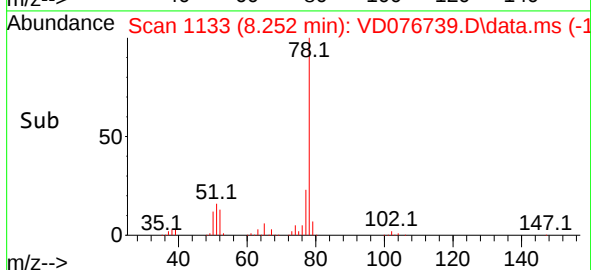
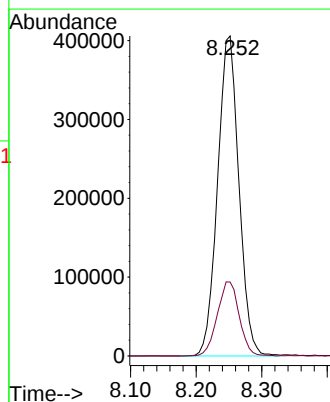
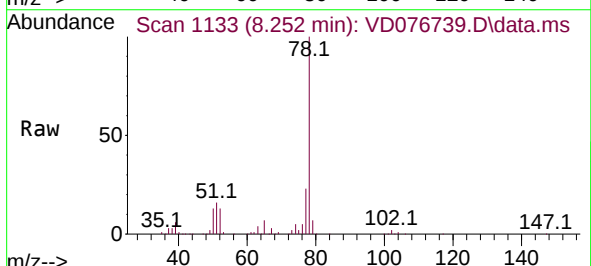
RT: 8.252 min Scan# 1133

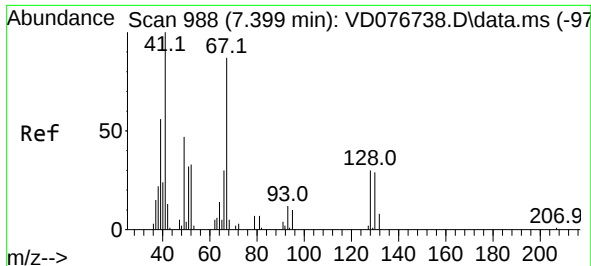
Delta R.T. 0.006 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

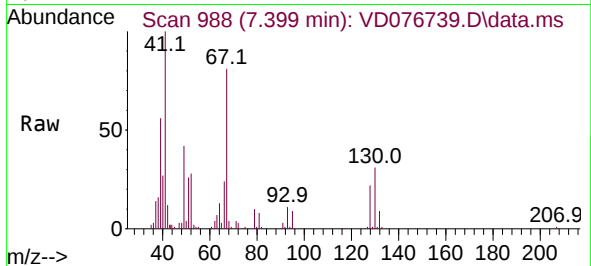
Tgt Ion:	78	Resp:	914564
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.4	29.0





#41
Methacrylonitrile
Concen: 86.059 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

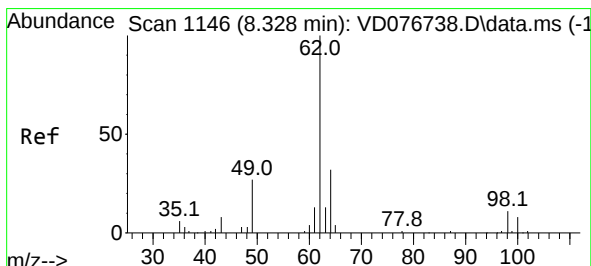
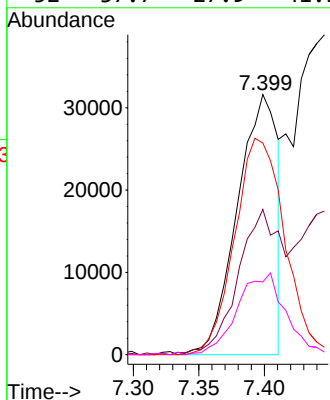
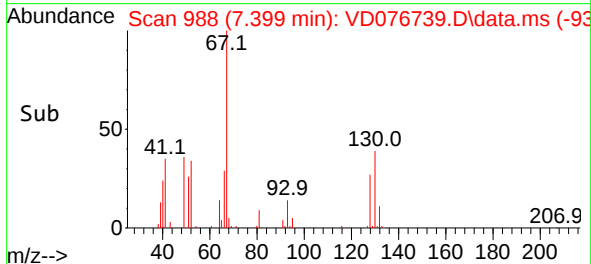
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



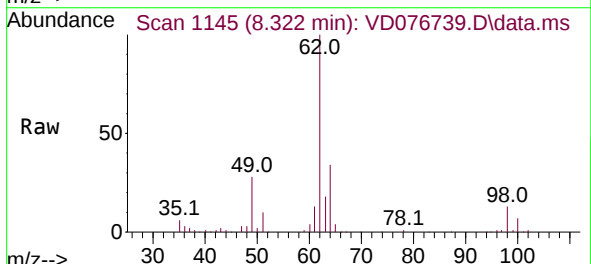
Tgt Ion: 41 Resp: 6746
Ion Ratio Lower Upper
41 100
39 60.3 34.0 51.0
67 104.3 77.0 115.4
52 37.7 27.9 41.9

Manual Integrations
APPROVED

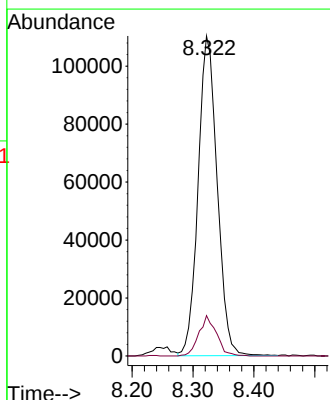
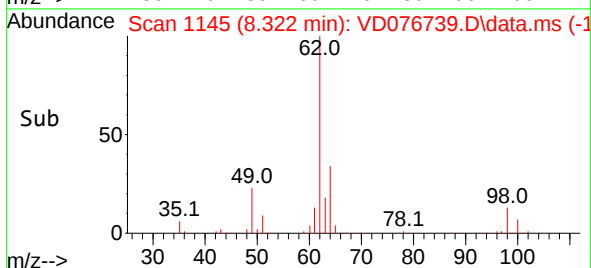
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

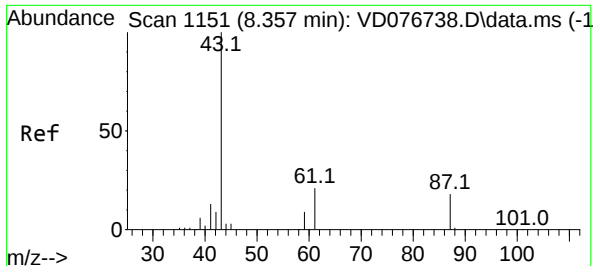


#42
1,2-Dichloroethane
Concen: 102.090 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49



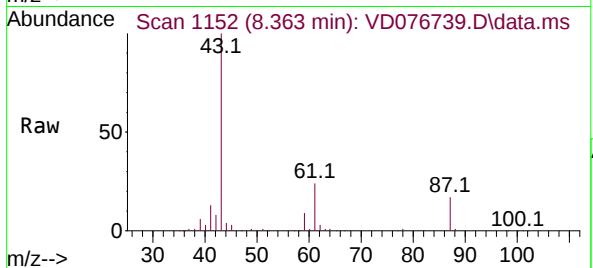
Tgt Ion: 62 Resp: 240249
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 101.973 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

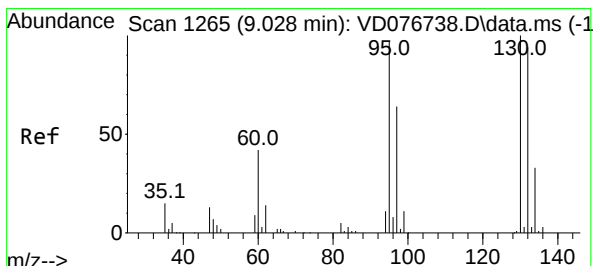
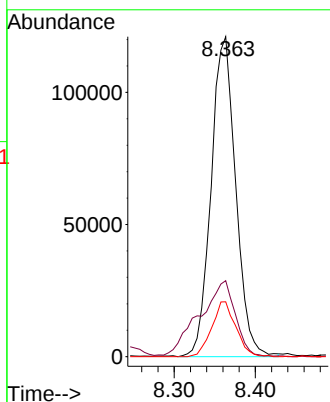
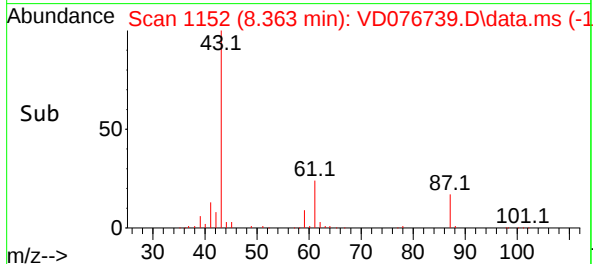
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



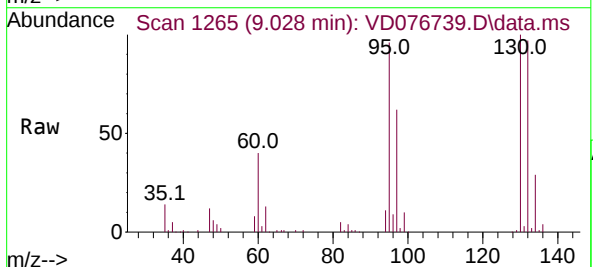
Tgt Ion: 43 Resp: 25547
Ion Ratio Lower Upper
43 100
61 35.0 31.4 47.0
87 16.8 14.9 22.3

Manual Integrations
APPROVED

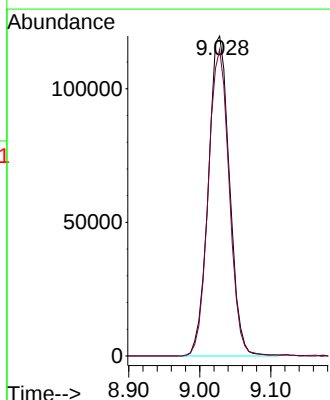
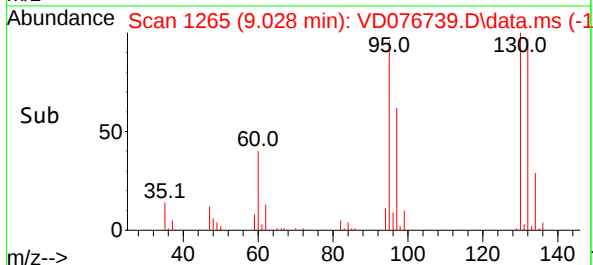
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

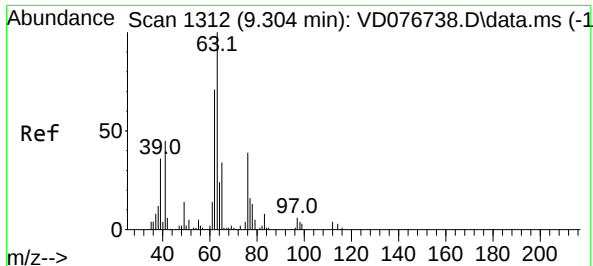


#44
Trichloroethene
Concen: 100.484 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49



Tgt Ion:130 Resp: 248001
Ion Ratio Lower Upper
130 100
95 95.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 100.198 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 234258

Ion Ratio Lower Upper

63 100

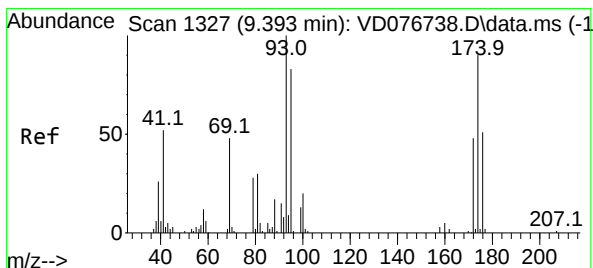
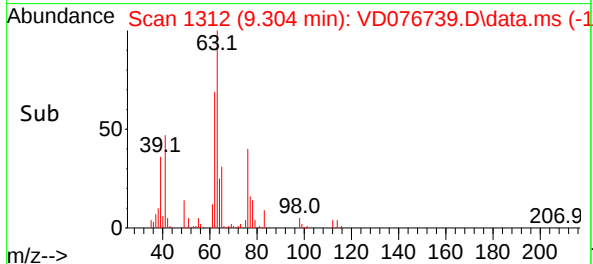
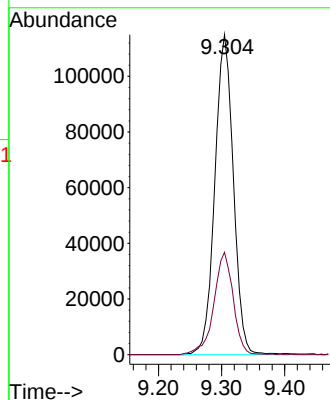
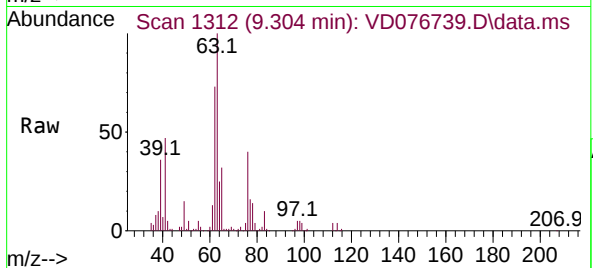
65 32.0 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#46

Dibromomethane

Concen: 101.299 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

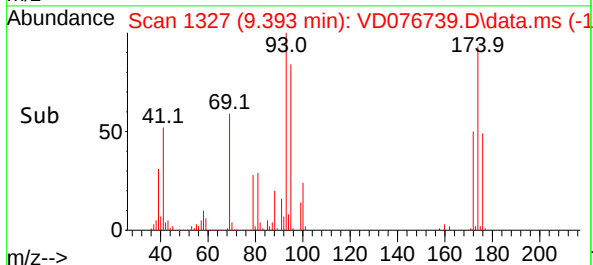
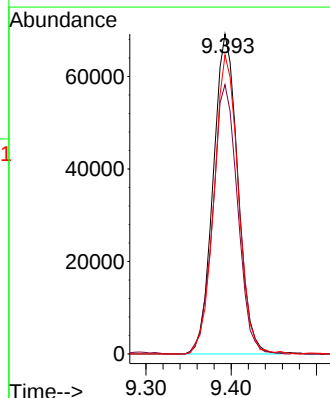
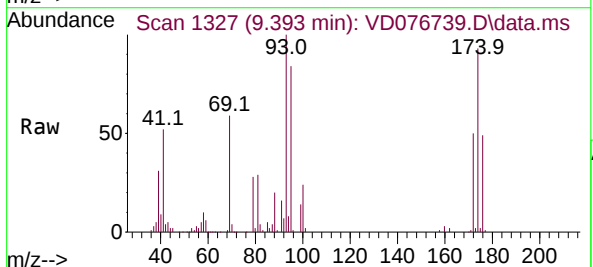
Tgt Ion: 93 Resp: 138627

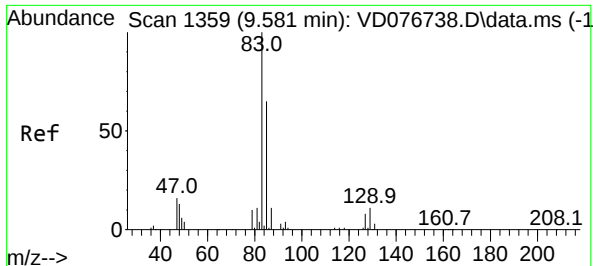
Ion Ratio Lower Upper

93 100

95 84.5 67.7 101.5

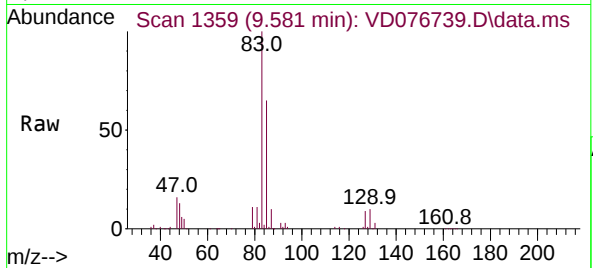
174 92.2 85.4 128.2





#47
Bromodichloromethane
Concen: 97.971 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

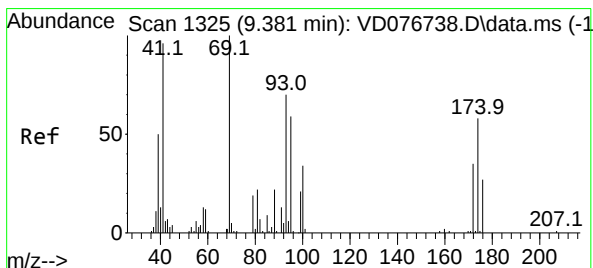
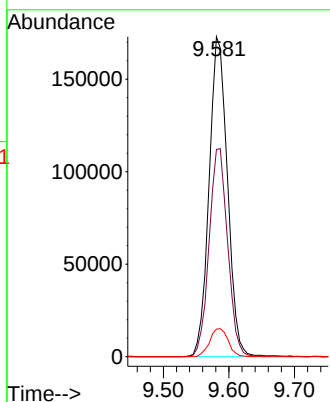
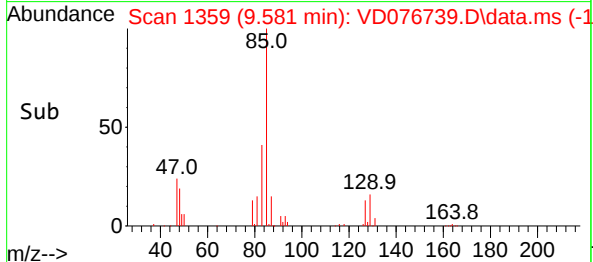
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



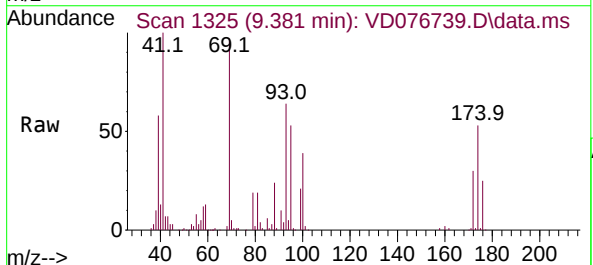
Tgt Ion: 83 Resp: 33645
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4
127 8.6 6.3 9.5

Manual Integrations
APPROVED

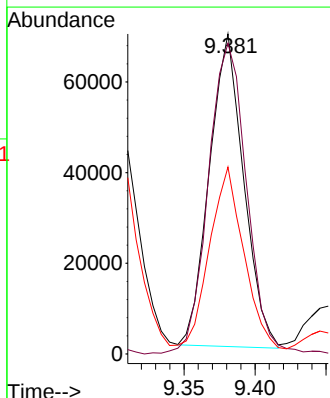
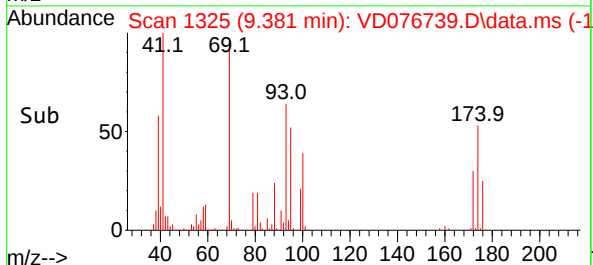
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

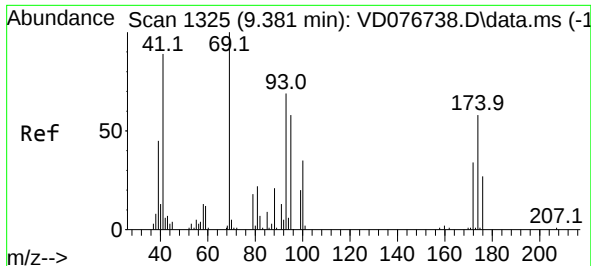


#48
Methyl methacrylate
Concen: 101.351 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49



Tgt Ion: 41 Resp: 115565
Ion Ratio Lower Upper
41 100
69 111.6 102.2 153.2
39 62.9 41.4 62.2#





#49

1,4-Dioxane

Concen: 2073.590 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

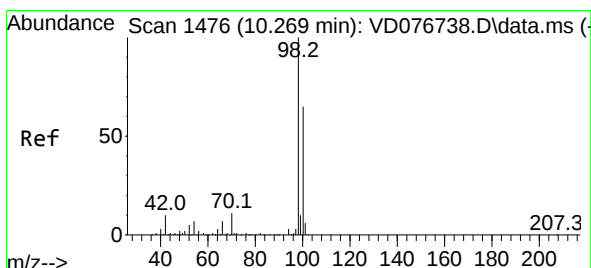
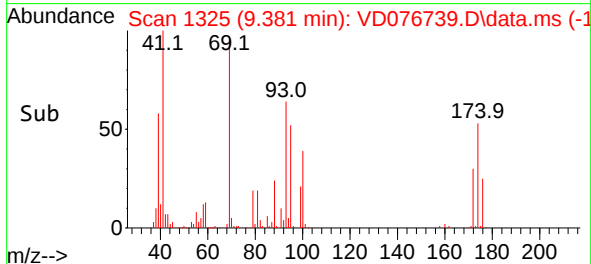
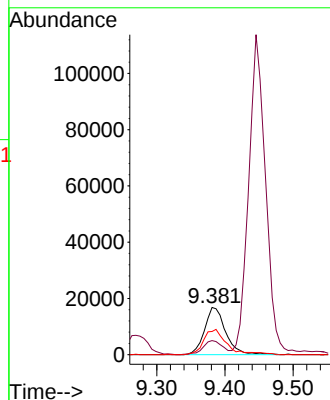
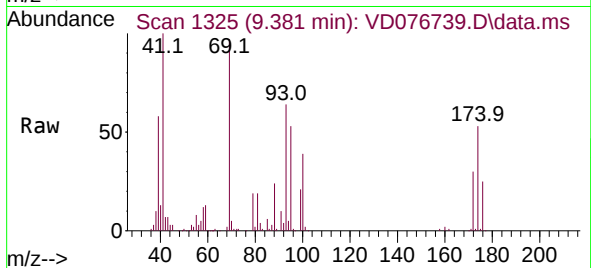
Tgt Ion:	88	Resp:	3635
Ion Ratio	Lower	Upper	
88	100		
43	28.5	19.0	28.6
58	58.7	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#50

Toluene-d8

Concen: 98.058 ug/l

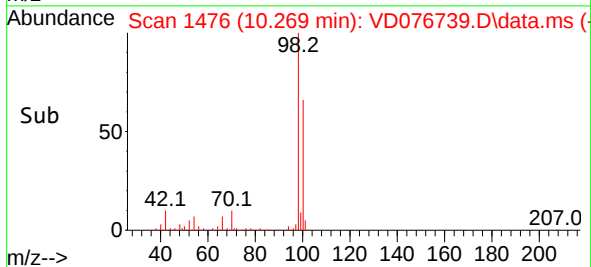
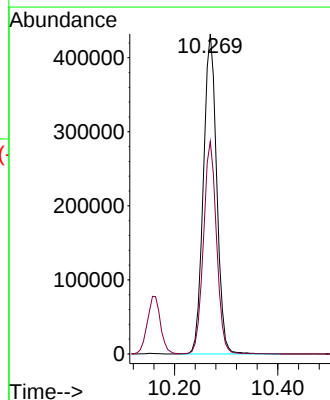
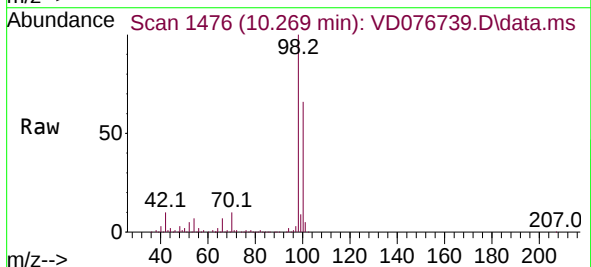
RT: 10.269 min Scan# 1476

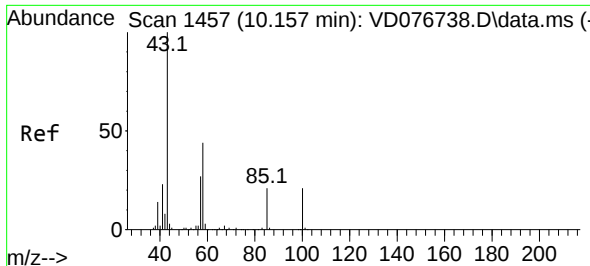
Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Tgt Ion:	98	Resp:	770578
Ion Ratio	Lower	Upper	
98	100		
100	65.3	50.3	75.5





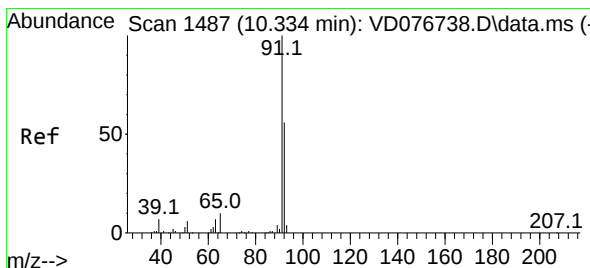
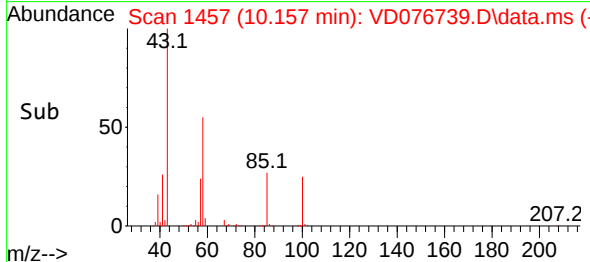
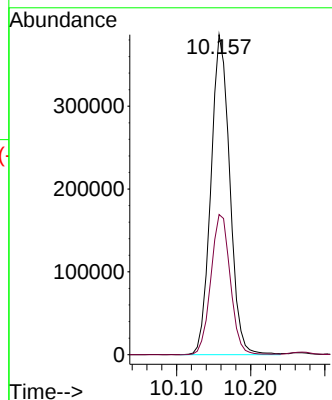
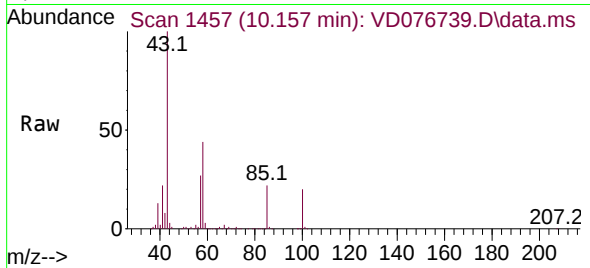
#51
4-Methyl-2-Pentanone
Concen: 512.262 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion: 43 Resp: 68330
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3

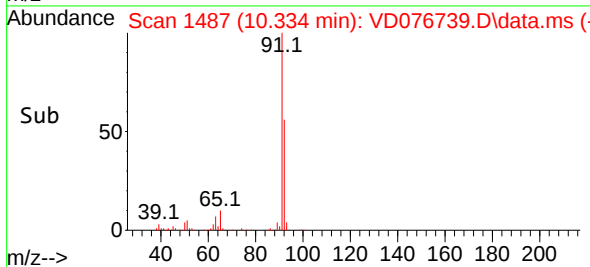
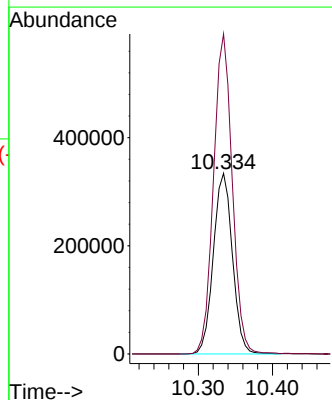
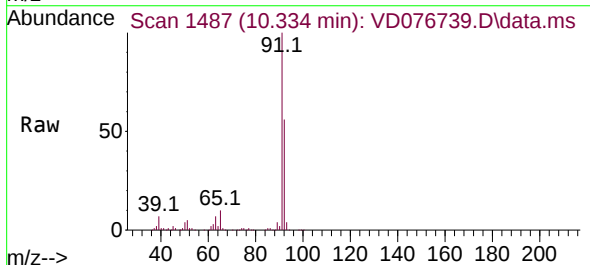
Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Toluene
Concen: 100.347 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

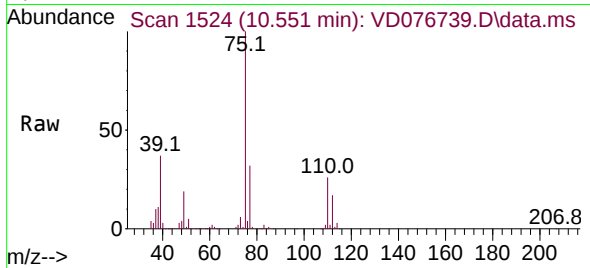
Tgt Ion: 92 Resp: 596917
Ion Ratio Lower Upper
92 100
91 174.1 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 104.835 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

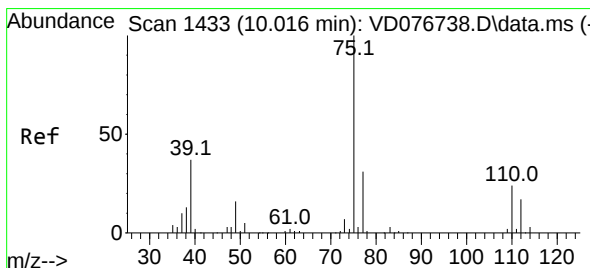
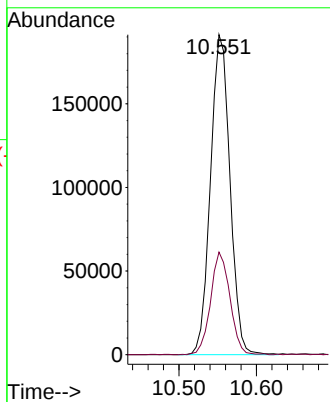
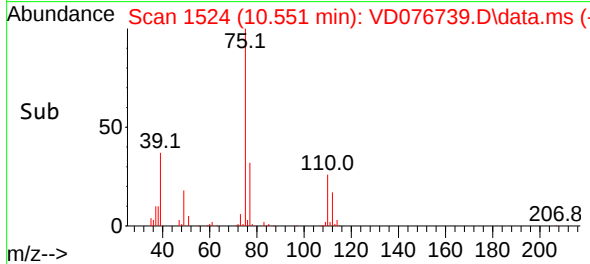
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 75 Resp: 334168
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9

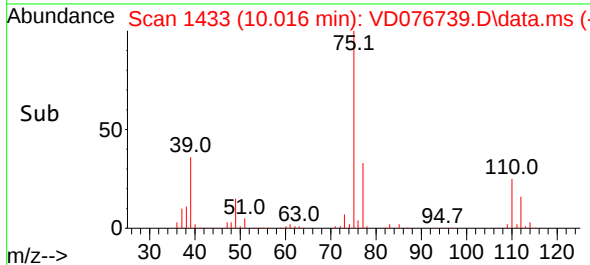
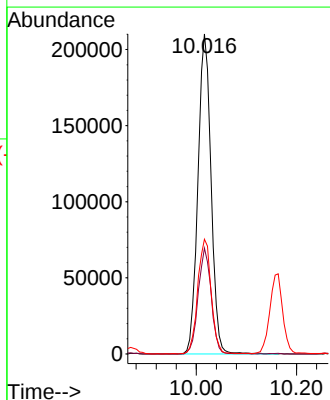
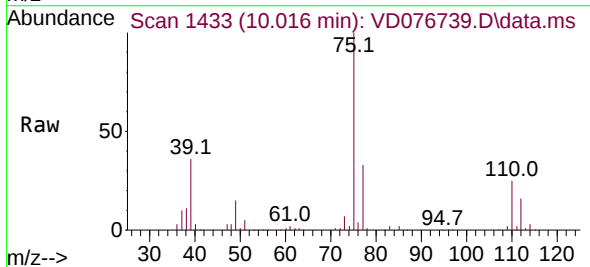
Manual Integrations
APPROVED

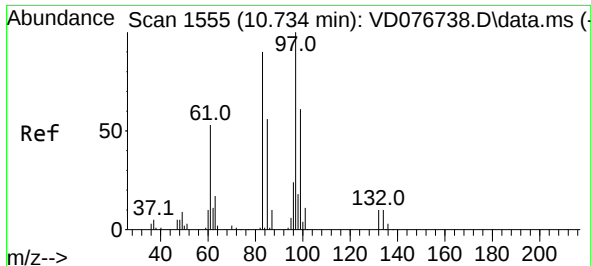
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#54
cis-1,3-Dichloropropene
Concen: 101.477 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

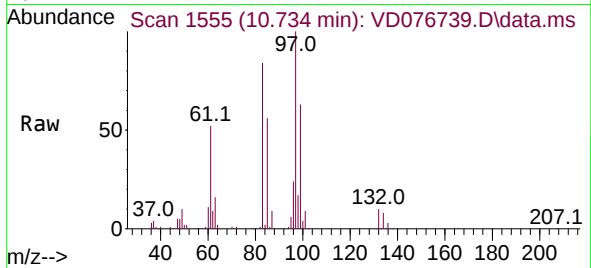
Tgt Ion: 75 Resp: 381222
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3
39 35.9 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 102.306 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

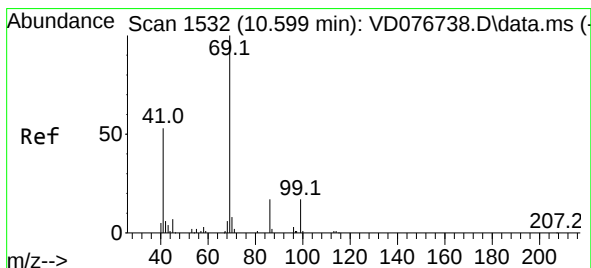
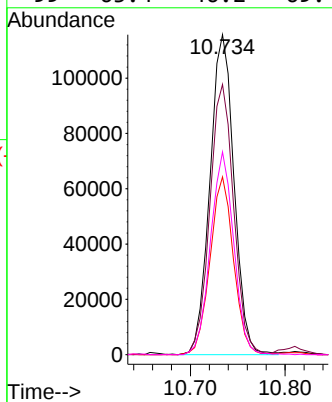
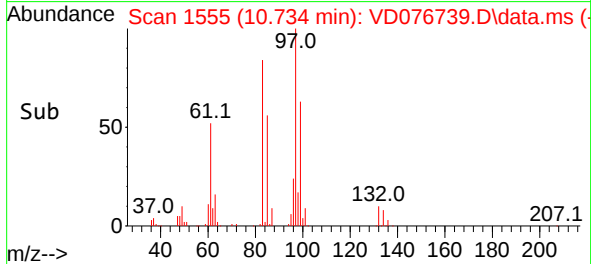
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



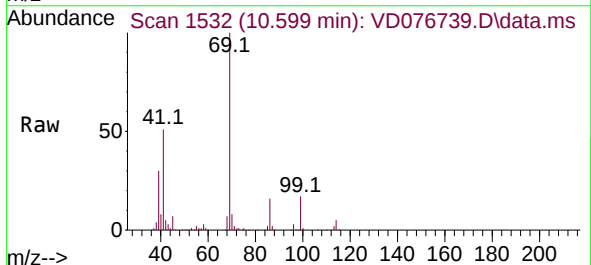
Tgt Ion:	97	Resp:	20444
Ion	Ratio	Lower	Upper
97	100		
83	84.5	65.8	98.6
85	55.6	45.7	68.5
99	63.4	46.2	69.4

Manual Integrations
APPROVED

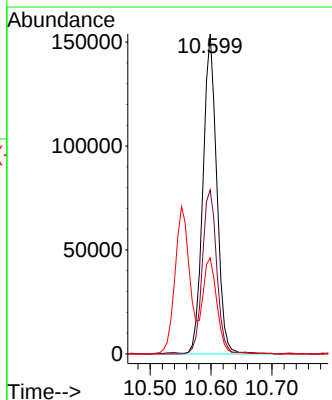
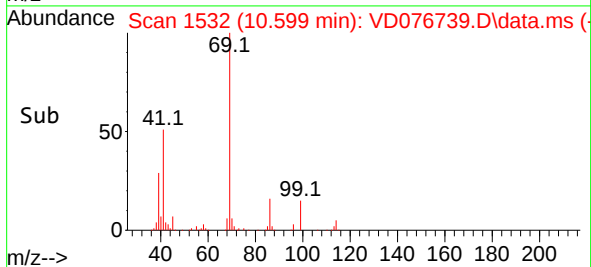
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

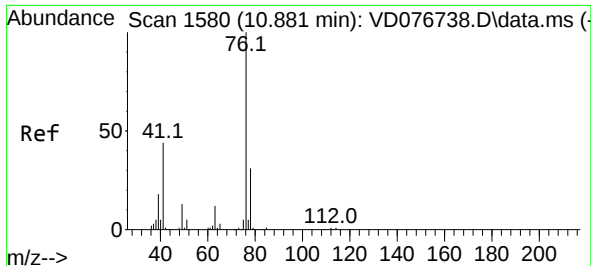


#56
Ethyl methacrylate
Concen: 105.468 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49



Tgt Ion:	69	Resp:	243261
Ion	Ratio	Lower	Upper
69	100		
41	54.0	39.1	58.7
39	30.2	20.0	30.0





#57

1,3-Dichloropropane

Concen: 100.451 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion: 76 Resp: 32690

Ion Ratio Lower Upper

76 100

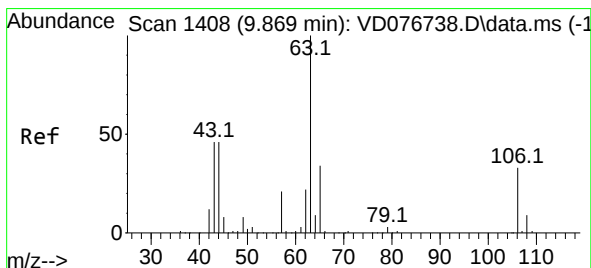
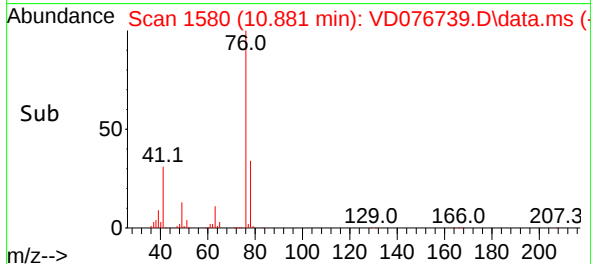
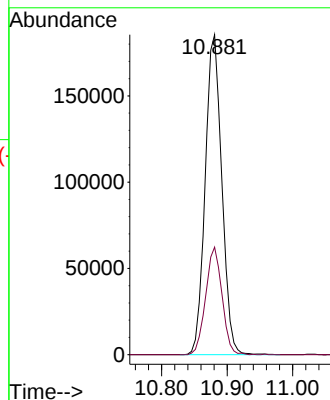
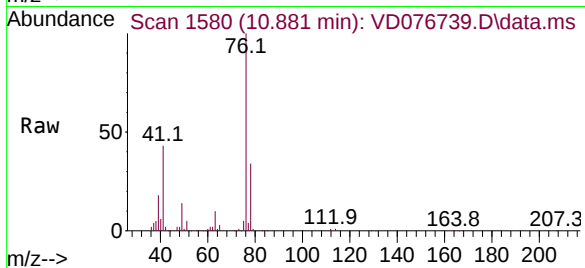
78 33.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 500.060 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076739.D

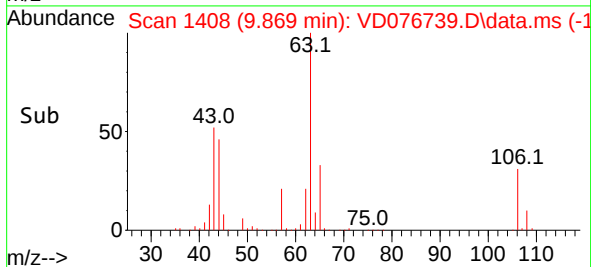
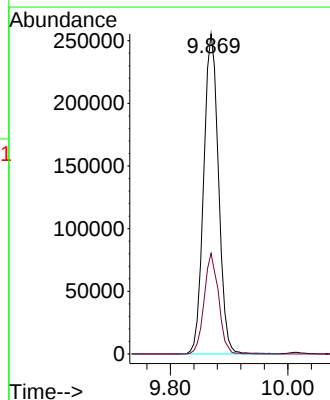
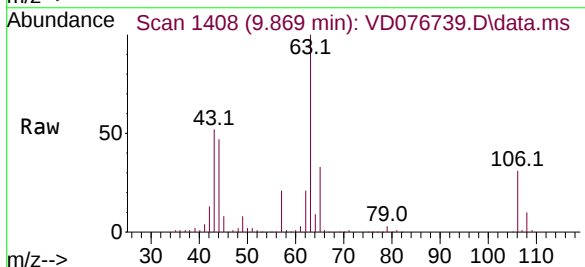
Acq: 14 Jul 2023 13:49

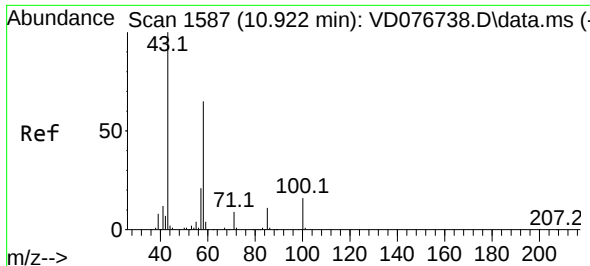
Tgt Ion: 63 Resp: 446452

Ion Ratio Lower Upper

63 100

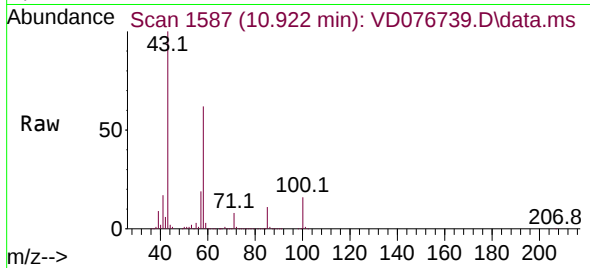
106 30.6 25.3 37.9





#59
2-Hexanone
Concen: 515.889 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

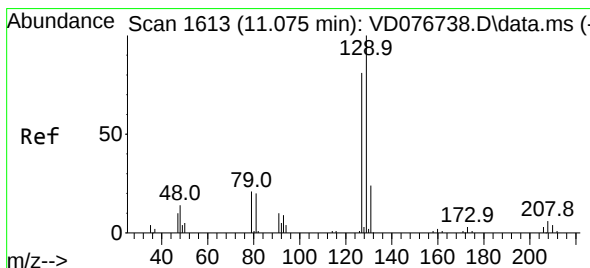
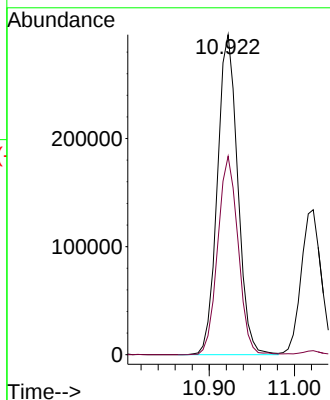
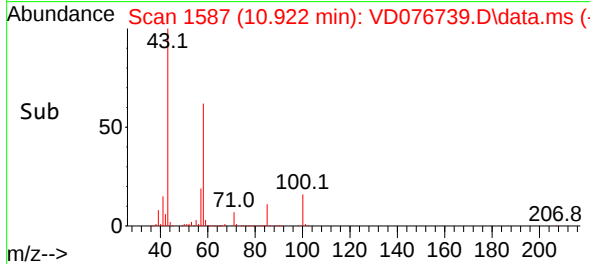
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 491018
Ion Ratio Lower Upper
43 100
58 62.1 34.1 102.2

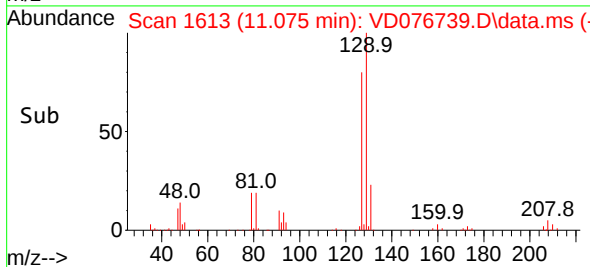
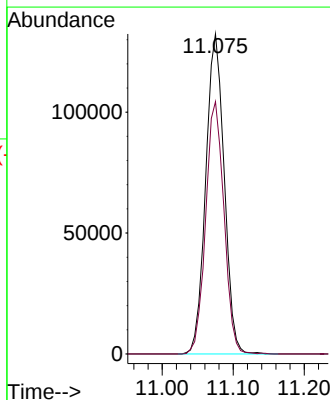
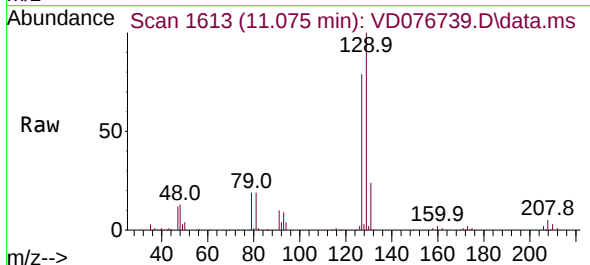
Manual Integrations
APPROVED

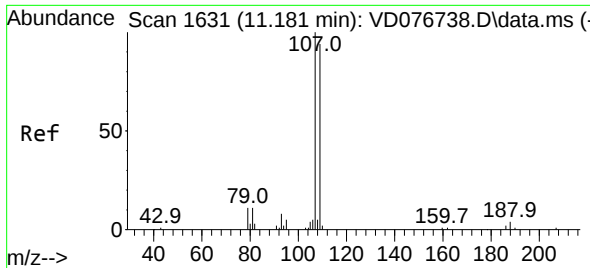
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
Dibromochloromethane
Concen: 102.817 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion:129 Resp: 238690
Ion Ratio Lower Upper
129 100
127 78.1 37.1 111.5





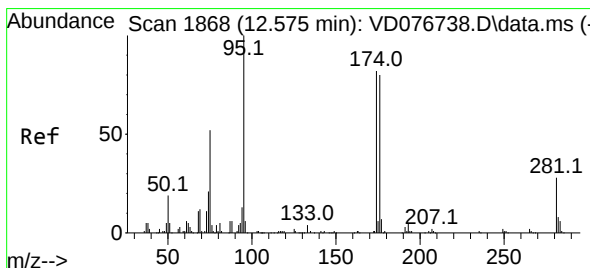
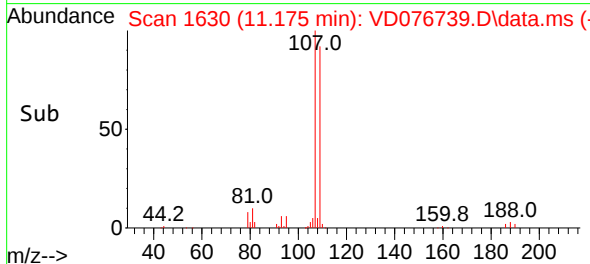
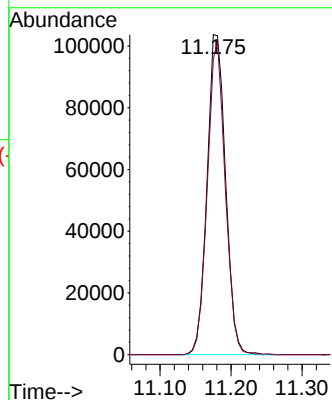
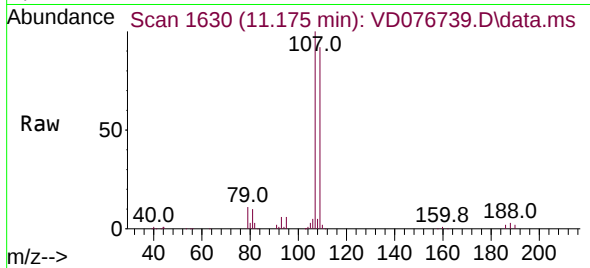
#61
1,2-Dibromoethane
Concen: 101.494 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Tgt Ion:107 Resp: 188039
Ion Ratio Lower Upper
107 100
109 94.5 75.6 113.4

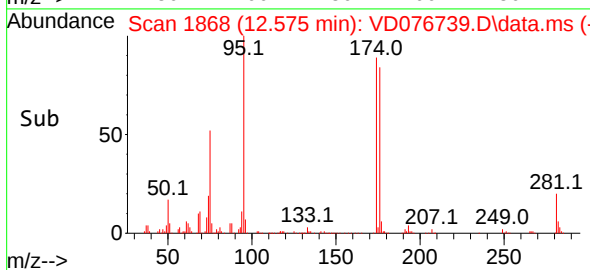
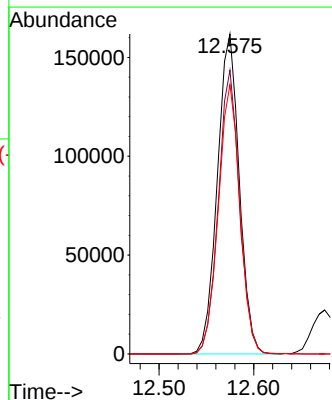
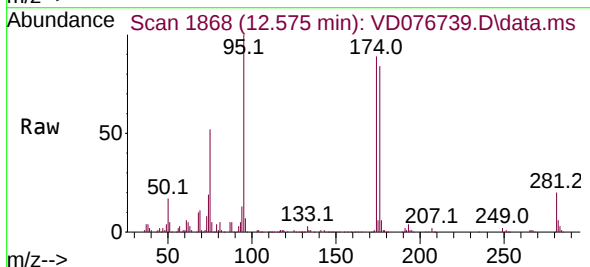
Manual Integrations
APPROVED

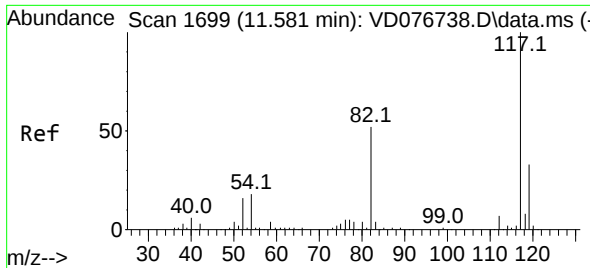
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#62
4-Bromofluorobenzene
Concen: 102.544 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

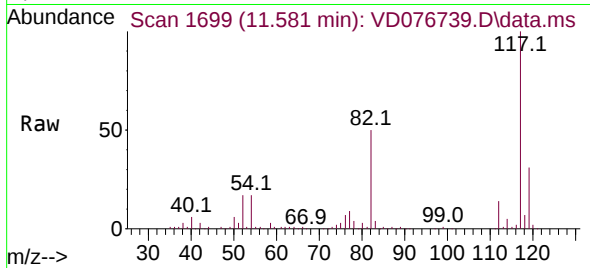
Tgt Ion: 95 Resp: 260687
Ion Ratio Lower Upper
95 100
174 85.4 0.0 201.8
176 82.8 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

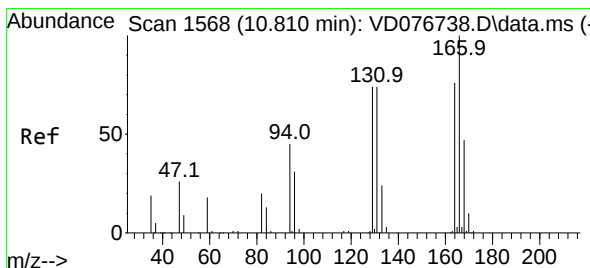
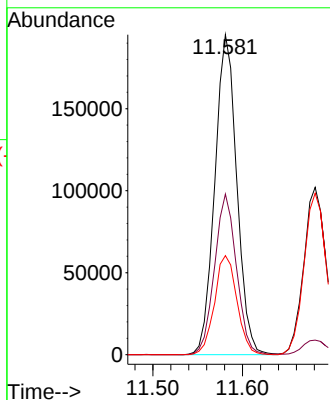
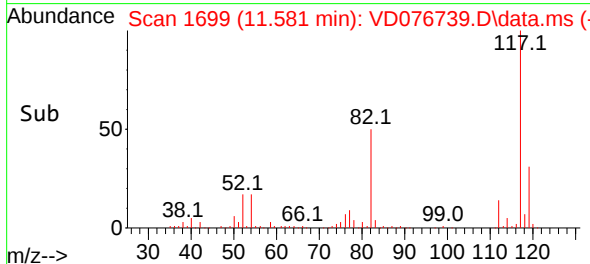
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:117 Resp: 331974
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 31.0 25.0 37.4

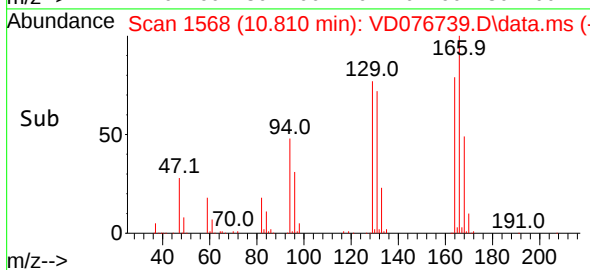
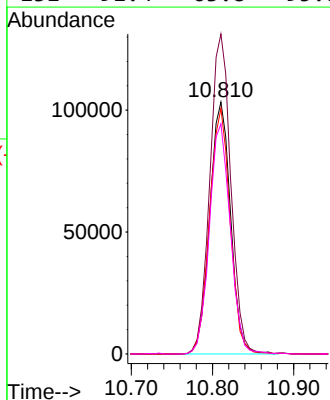
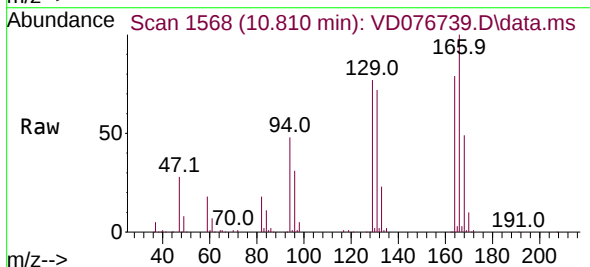
Manual Integrations
APPROVED

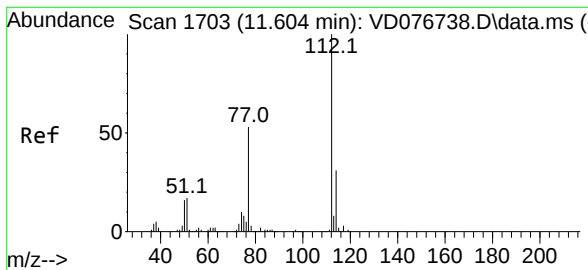
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#64
Tetrachloroethene
Concen: 97.262 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

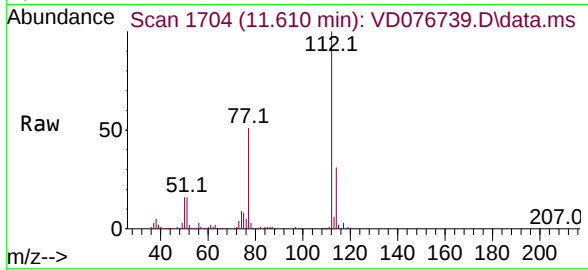
Tgt Ion:164 Resp: 184114
Ion Ratio Lower Upper
164 100
166 127.1 99.2 148.8
129 97.5 68.4 102.6
131 91.4 63.8 95.8





#65
Chlorobenzene
Concen: 99.956 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

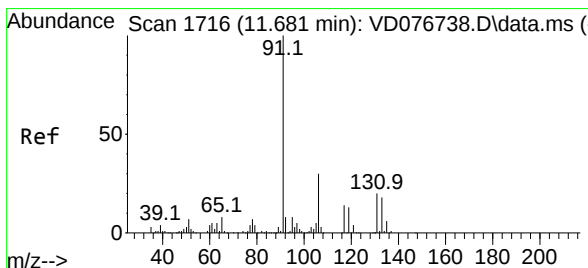
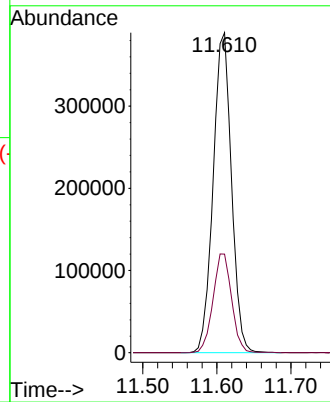
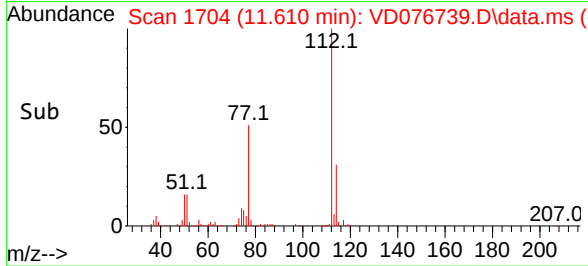
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:112 Resp: 66737
Ion Ratio Lower Upper
112 100
114 30.8 25.1 37.7

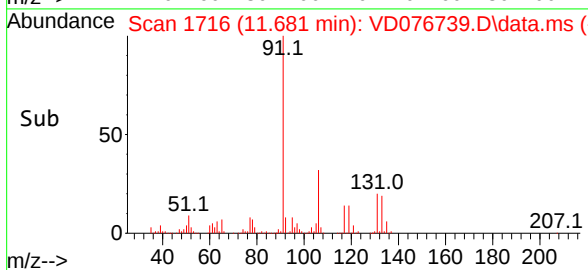
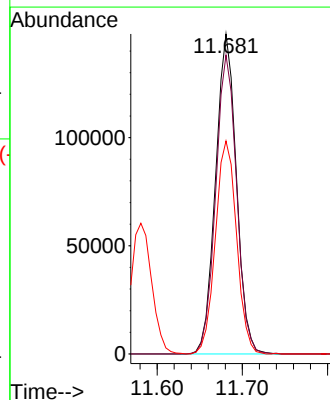
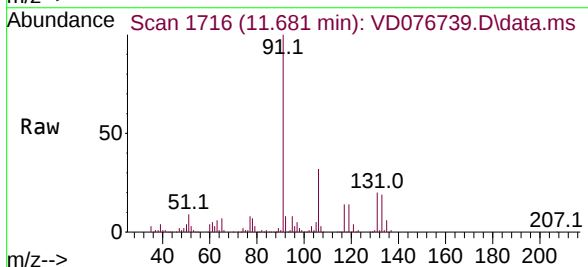
Manual Integrations
APPROVED

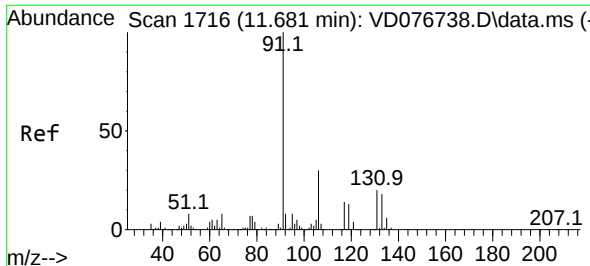
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 101.044 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

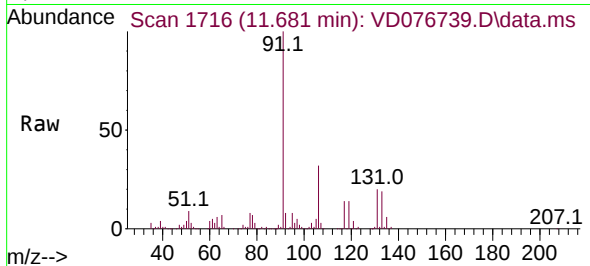
Tgt Ion:131 Resp: 251172
Ion Ratio Lower Upper
131 100
133 93.9 48.5 145.5
119 67.6 35.6 106.9





#67
Ethyl Benzene
Concen: 100.318 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

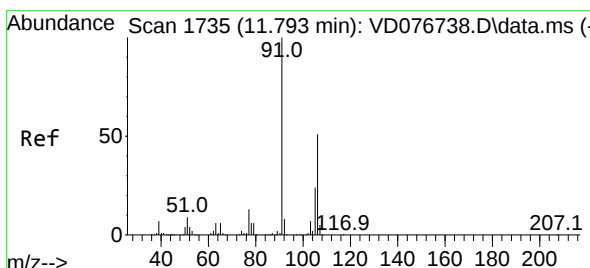
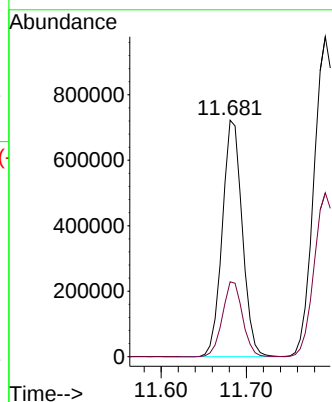
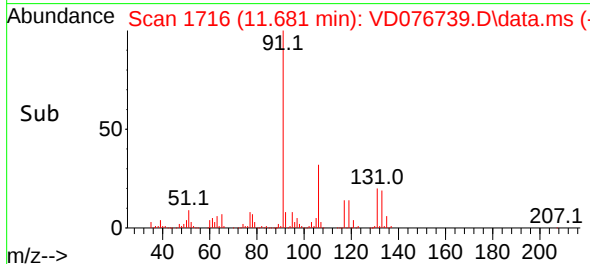
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



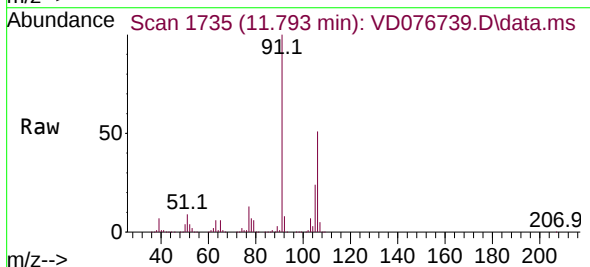
Tgt Ion: 91 Resp: 117628
Ion Ratio Lower Upper
91 100
106 31.7 26.5 39.7

Manual Integrations
APPROVED

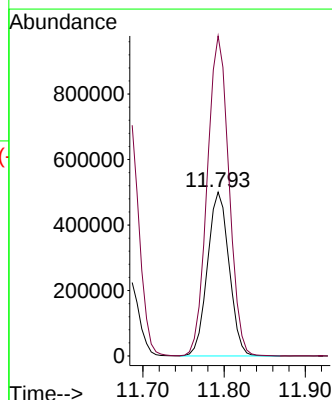
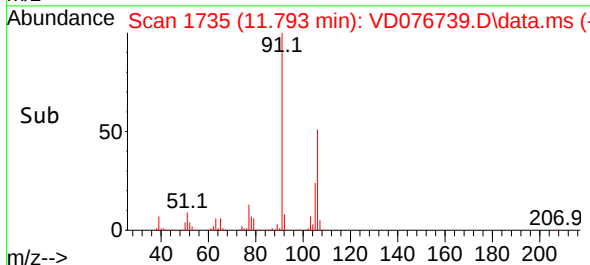
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

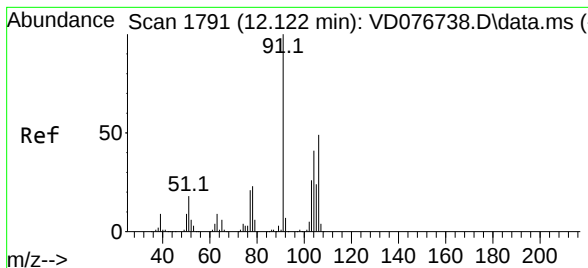


#68
m/p-Xylenes
Concen: 205.243 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49



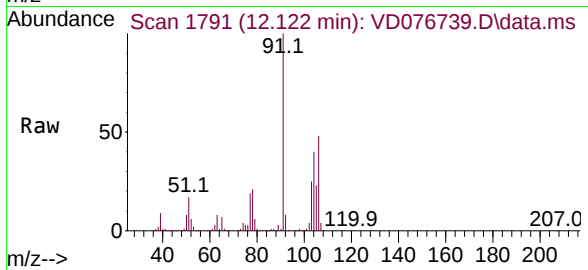
Tgt Ion:106 Resp: 924273
Ion Ratio Lower Upper
106 100
91 196.3 147.0 220.6





#69
o-Xylene
Concen: 104.203 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

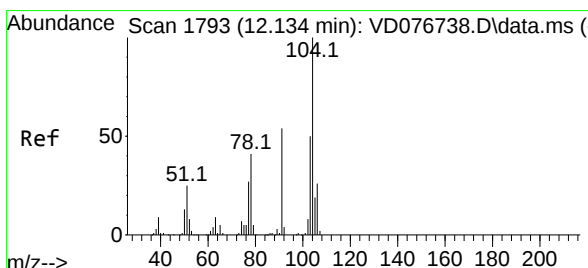
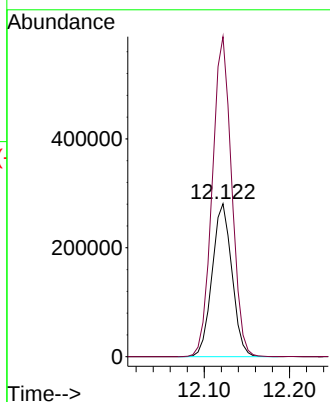
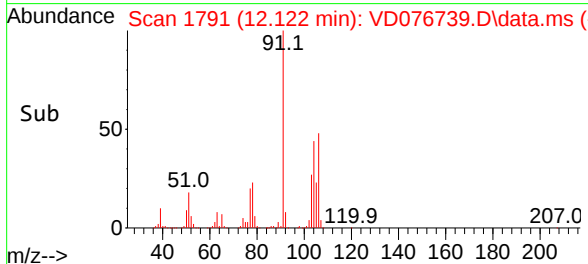
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:106 Resp: 45378
Ion Ratio Lower Upper
106 100
91 205.3 97.9 293.6

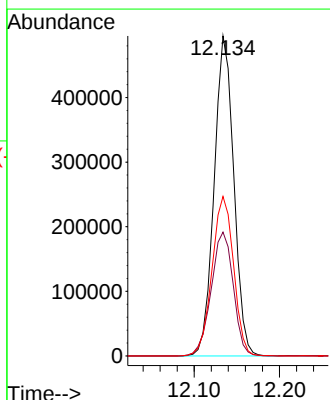
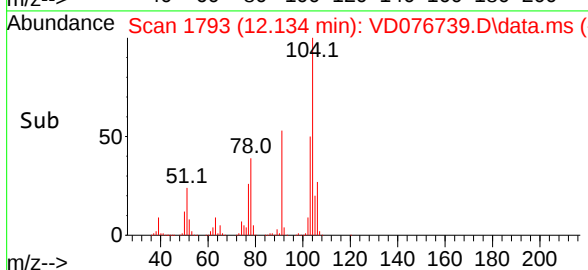
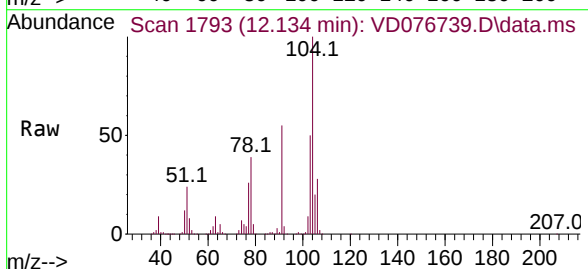
Manual Integrations
APPROVED

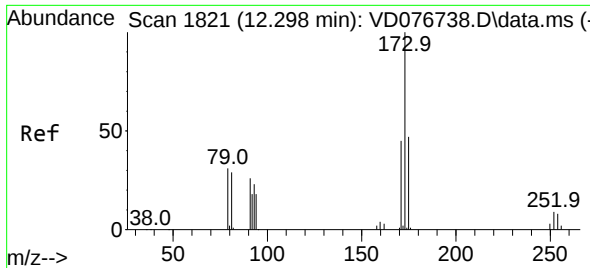
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
Styrene
Concen: 104.193 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

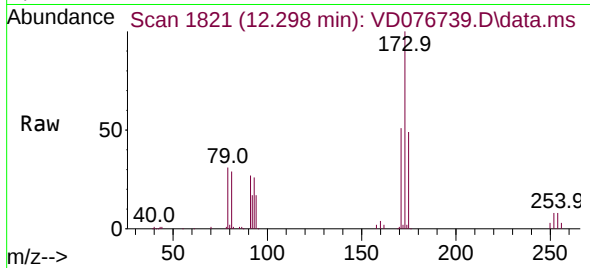
Tgt Ion:104 Resp: 794298
Ion Ratio Lower Upper
104 100
78 43.4 33.2 49.8
103 54.5 43.6 65.4





#71
Bromoform
Concen: 104.581 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

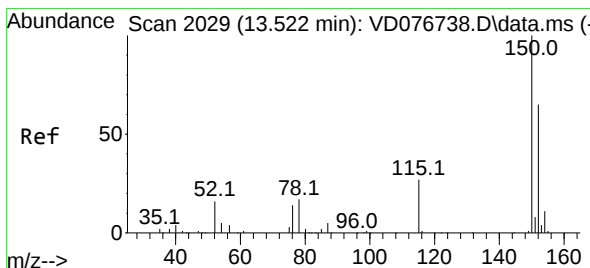
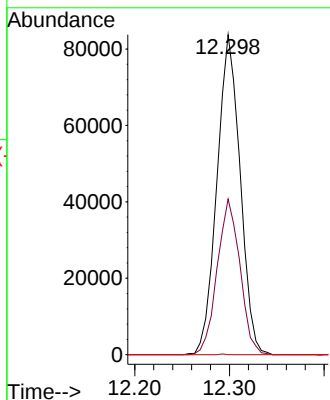
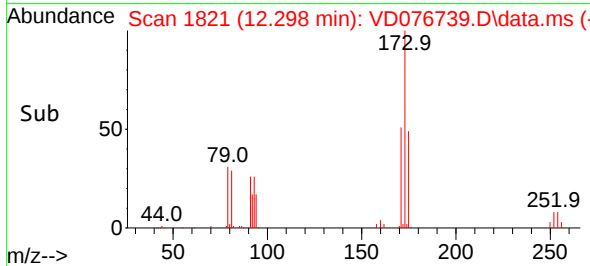
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



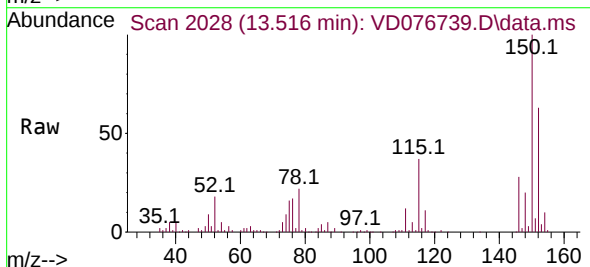
Tgt Ion:173 Resp: 142379
Ion Ratio Lower Upper
173 100
175 47.7 24.6 73.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

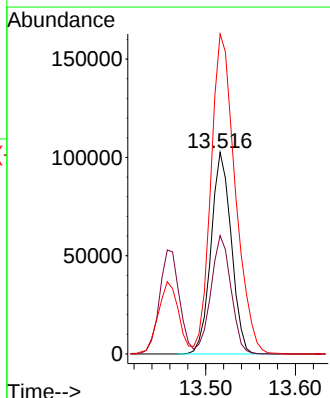
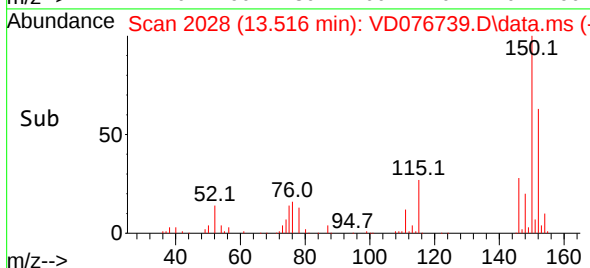
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

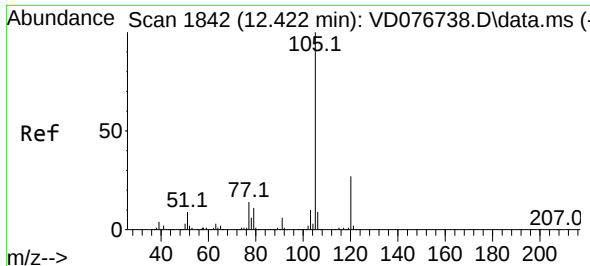


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49



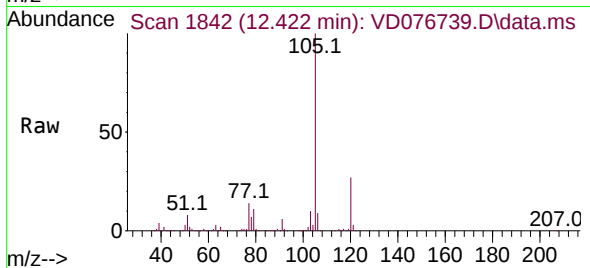
Tgt Ion:152 Resp: 160869
Ion Ratio Lower Upper
152 100
115 58.1 27.1 81.3
150 190.1 0.0 353.6





#73
Isopropylbenzene
Concen: 98.579 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

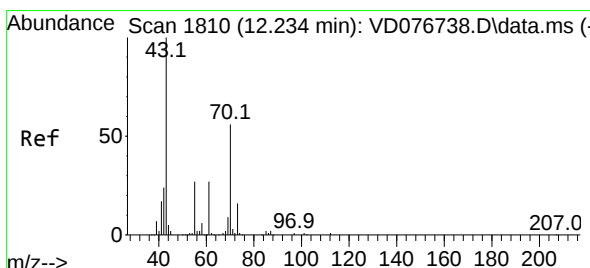
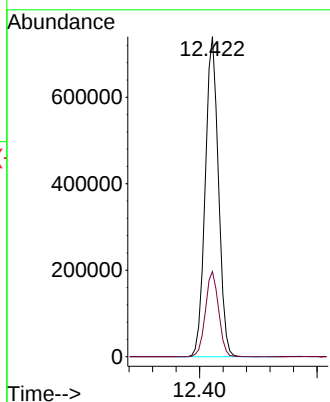
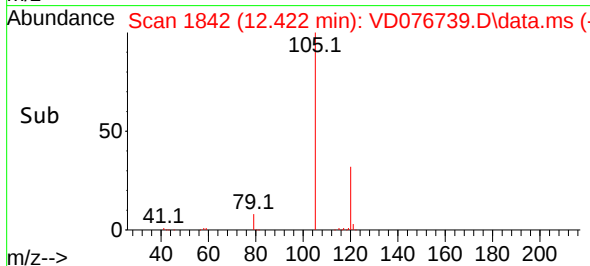
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



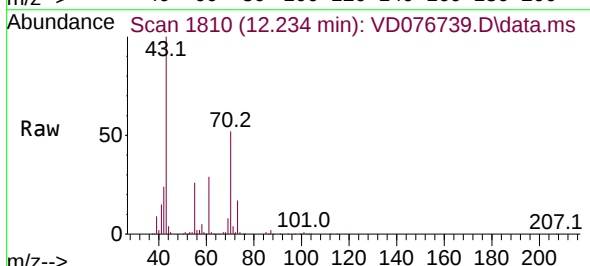
Tgt Ion:105 Resp: 1150548
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9

Manual Integrations
APPROVED

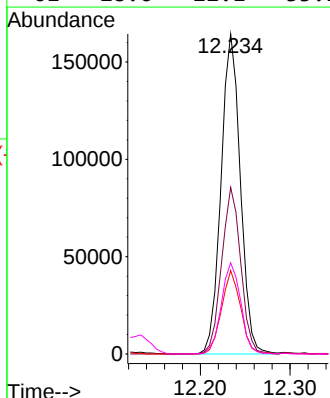
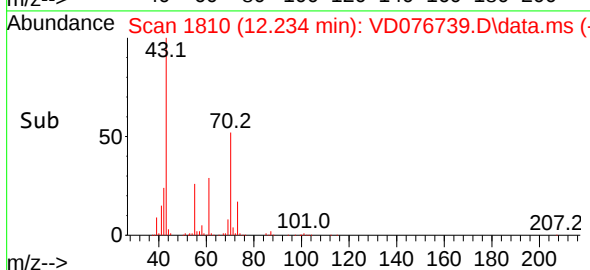
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

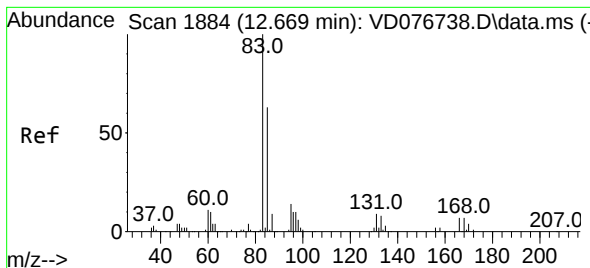


#74
N-ethyl acetate
Concen: 99.974 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49



Tgt Ion: 43 Resp: 245817
Ion Ratio Lower Upper
43 100
70 51.5 45.0 67.4
55 25.7 23.8 35.6
61 28.6 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 98.245 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 246190

Ion Ratio Lower Upper

83 100

131 9.6 5.1 15.3

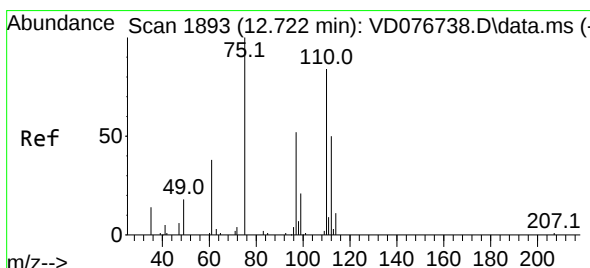
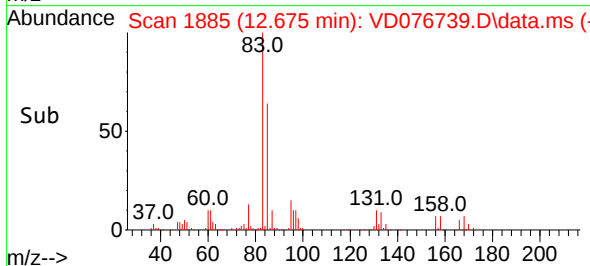
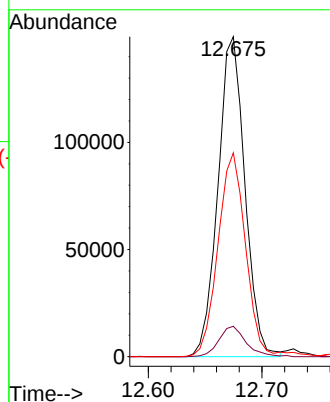
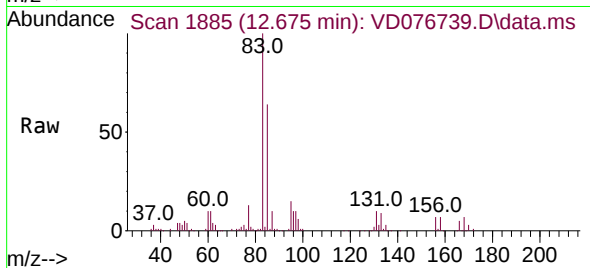
85 65.9 32.6 97.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#76

1,2,3-Trichloropropane

Concen: 96.325 ug/l m

RT: 12.722 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VD076739.D

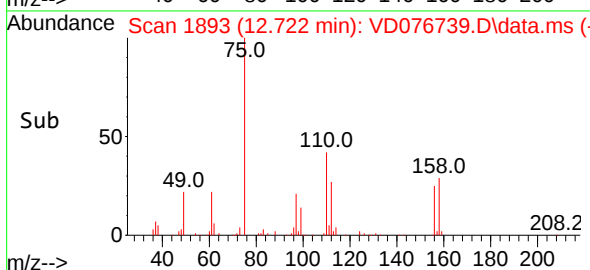
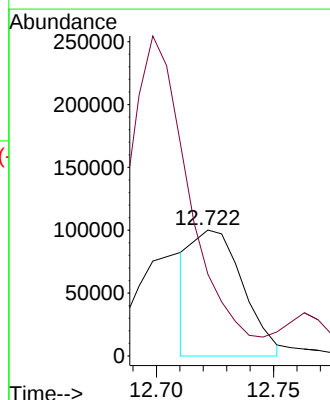
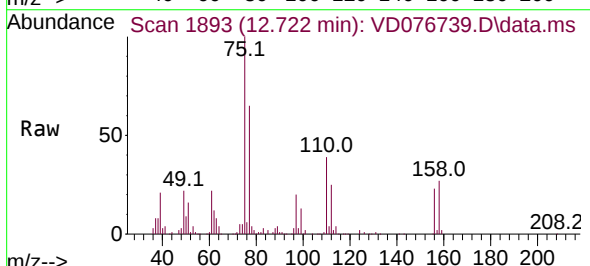
Acq: 14 Jul 2023 13:49

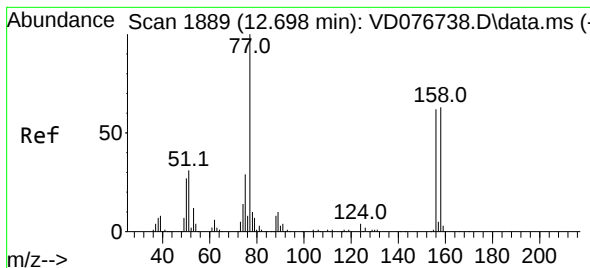
Tgt Ion: 75 Resp: 153982

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 98.257 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC100

Tgt Ion:156 Resp: 264708

Ion Ratio Lower Upper

156 100

77 178.9 76.8 230.4

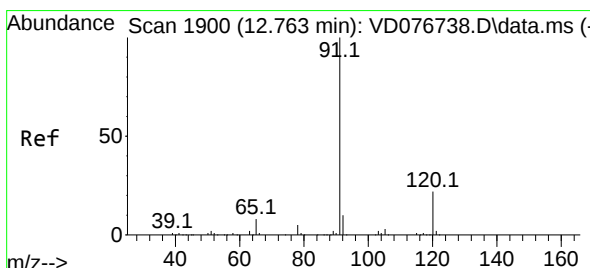
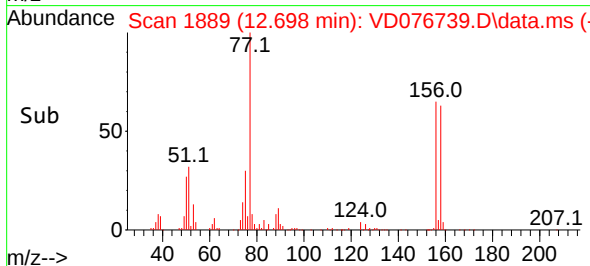
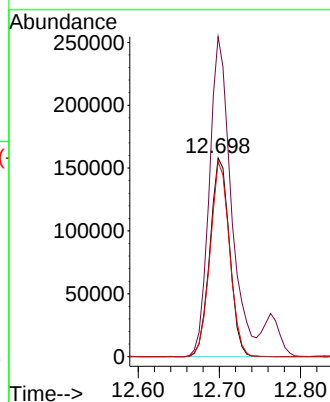
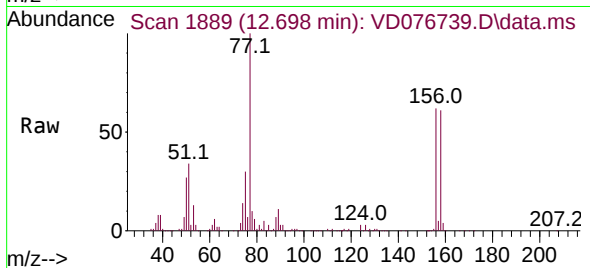
158 97.4 48.6 145.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#78

n-propylbenzene

Concen: 98.712 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD076739.D

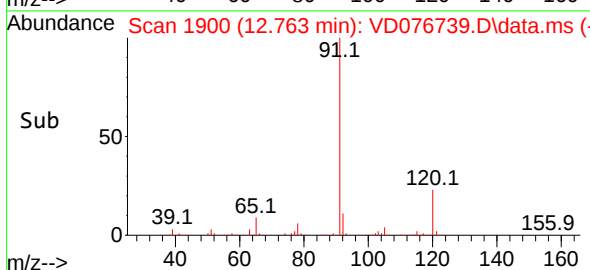
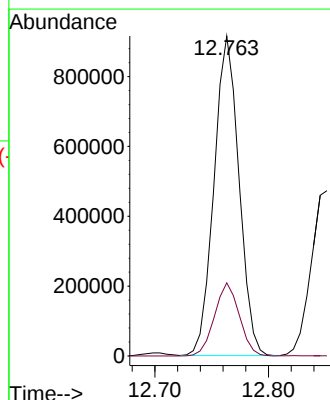
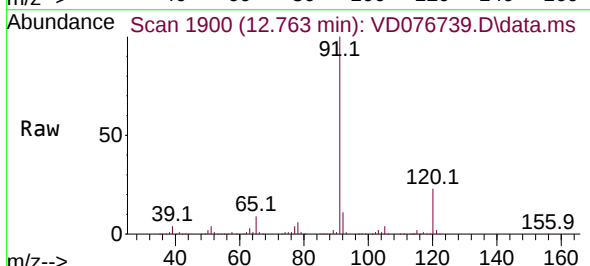
Acq: 14 Jul 2023 13:49

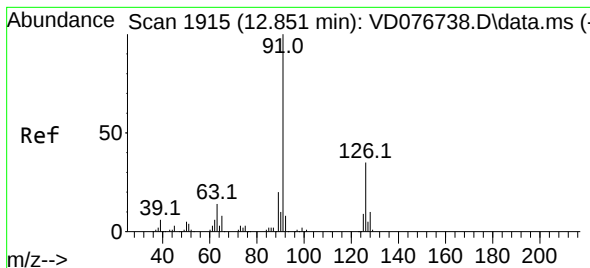
Tgt Ion: 91 Resp: 1396720

Ion Ratio Lower Upper

91 100

120 22.7 12.4 37.2





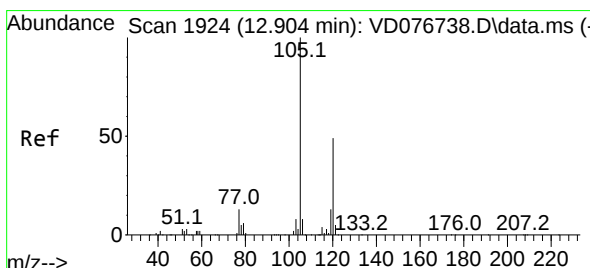
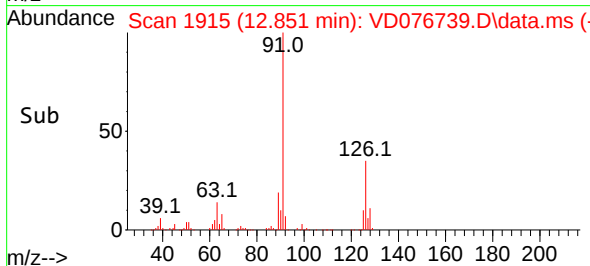
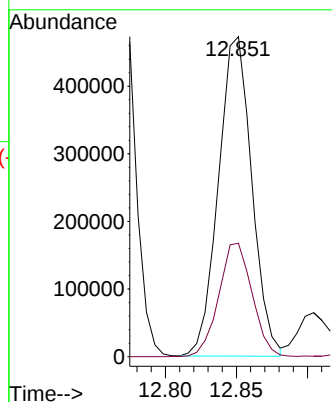
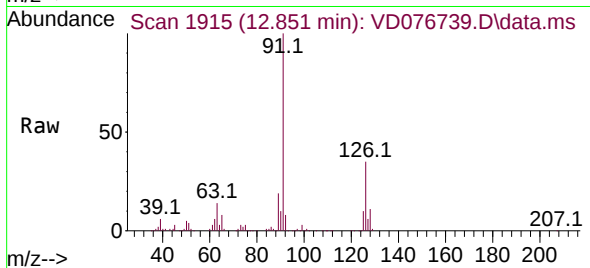
#79
2-Chlorotoluene
Concen: 99.552 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion: 91 Resp: 772348
Ion Ratio Lower Upper
91 100
126 35.5 19.4 58.1

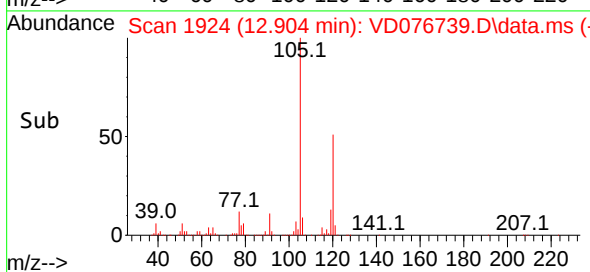
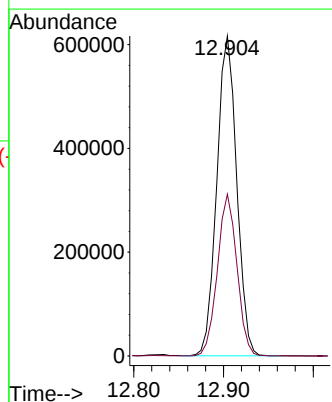
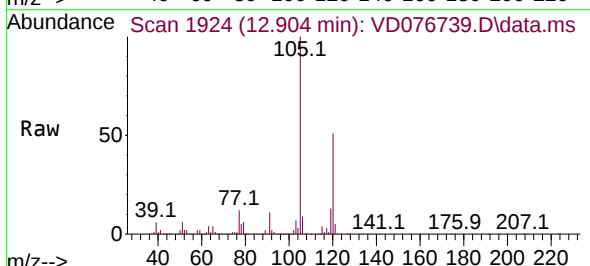
Manual Integrations
APPROVED

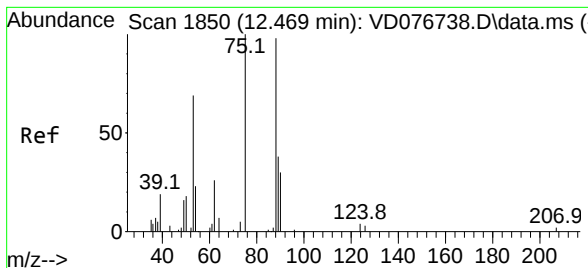
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 100.713 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

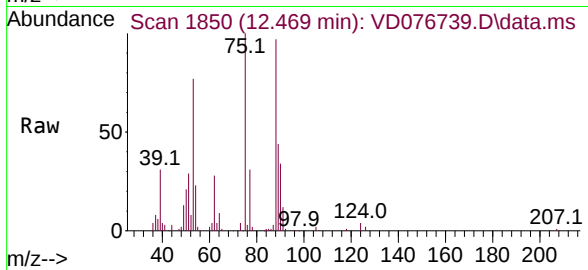
Tgt Ion:105 Resp: 950468
Ion Ratio Lower Upper
105 100
120 49.6 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 101.998 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

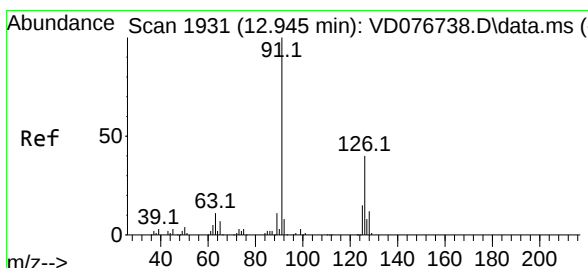
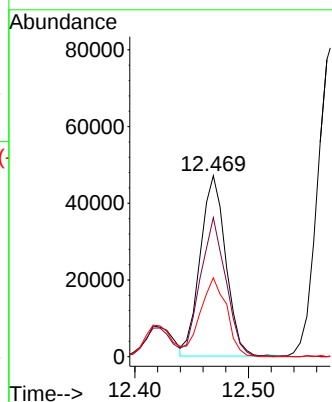
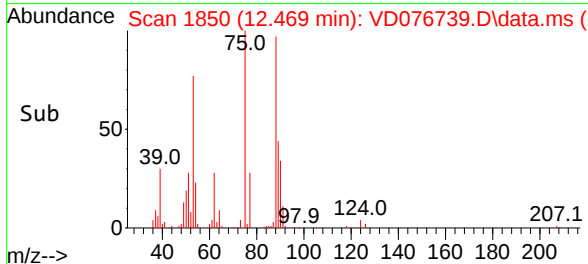
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 73319
Ion Ratio Lower Upper
75 100
53 77.5 63.0 94.4
89 45.4 37.9 56.9

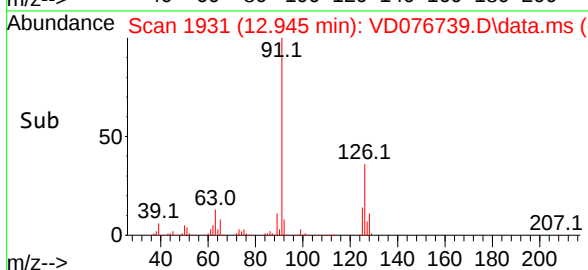
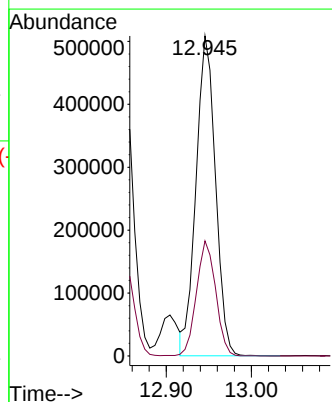
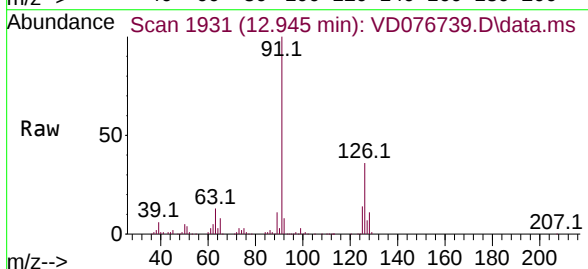
Manual Integrations
APPROVED

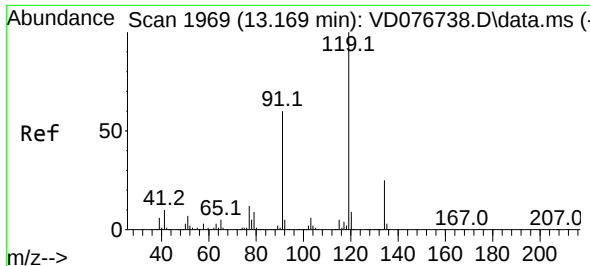
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#82
4-Chlorotoluene
Concen: 99.250 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 91 Resp: 804411
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.4





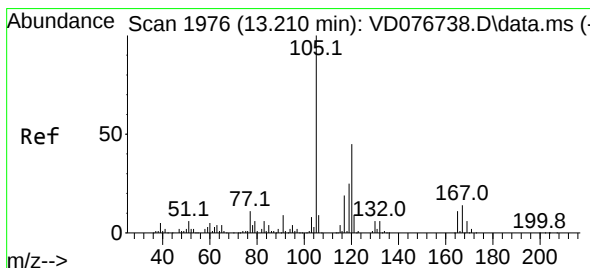
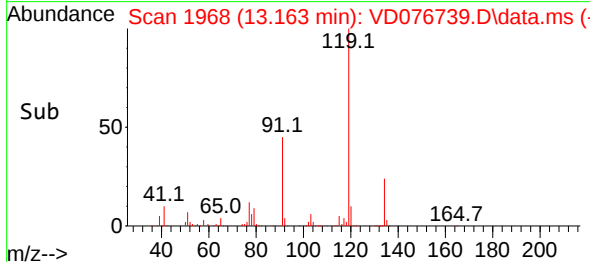
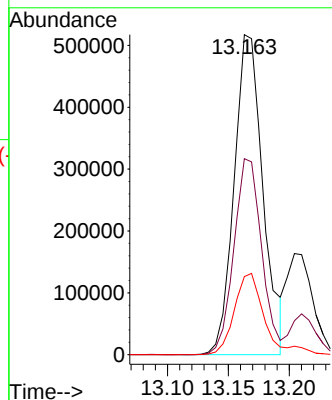
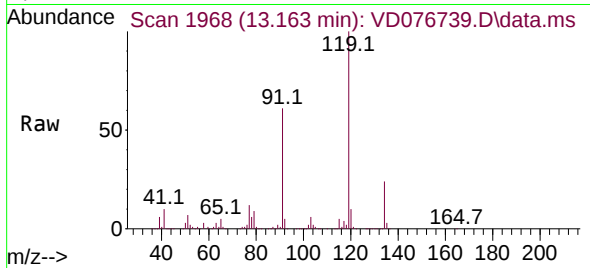
#83
tert-Butylbenzene
Concen: 102.719 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 85354
Ion Ratio Lower Upper
119 100
91 59.0 29.3 87.8
134 26.6 14.1 42.3

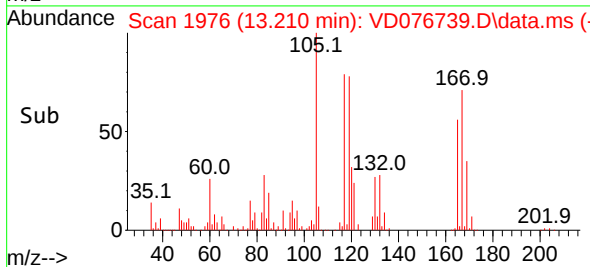
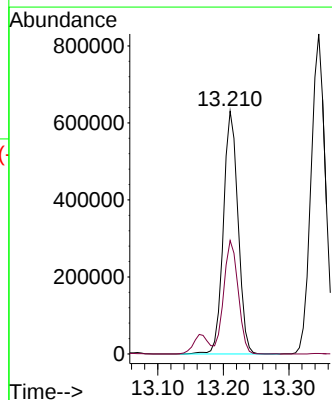
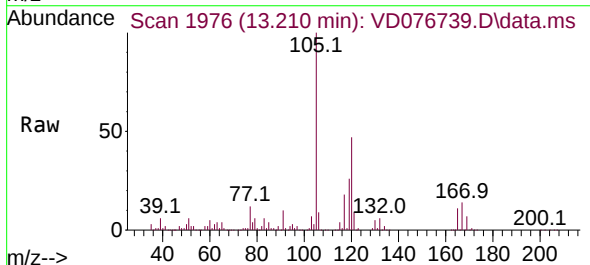
Manual Integrations
APPROVED

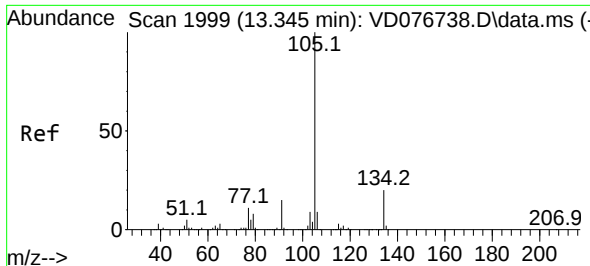
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 101.004 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion:105 Resp: 974087
Ion Ratio Lower Upper
105 100
120 45.7 24.3 72.9





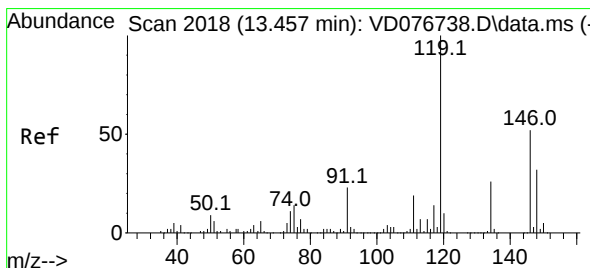
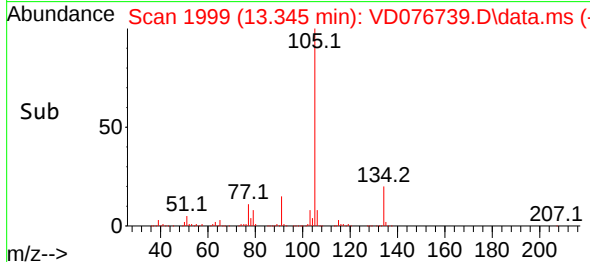
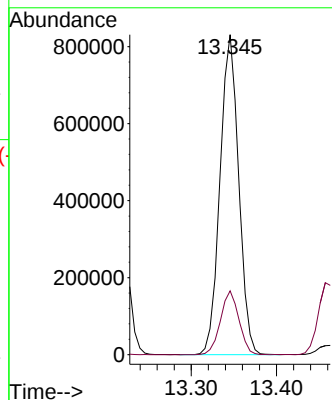
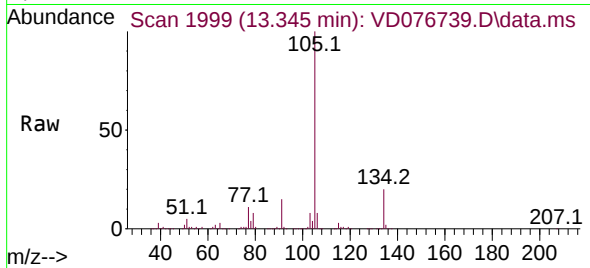
#85
 sec-Butylbenzene
 Concen: 99.498 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Tgt Ion:105 Resp: 1263179
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9

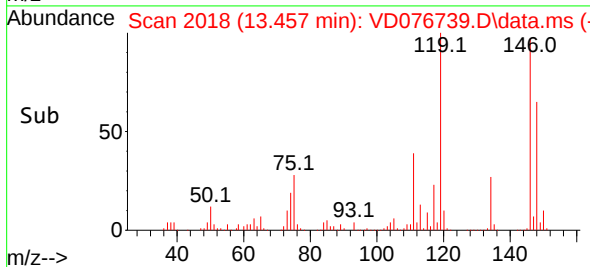
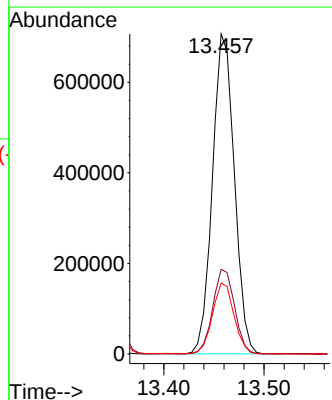
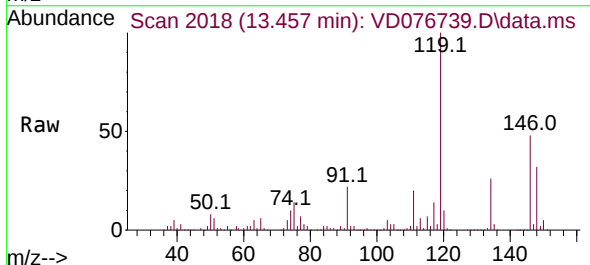
Manual Integrations
 APPROVED

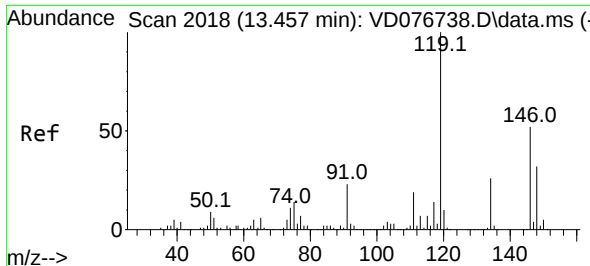
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#86
 p-Isopropyltoluene
 Concen: 102.191 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD076739.D
 Acq: 14 Jul 2023 13:49

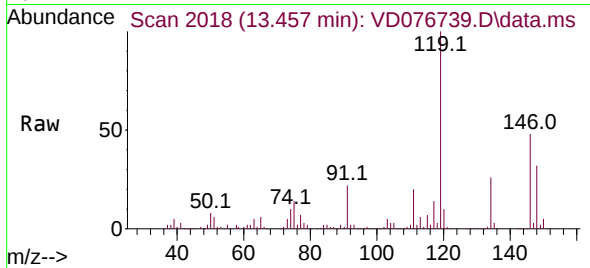
Tgt Ion:119 Resp: 1071451
 Ion Ratio Lower Upper
 119 100
 134 26.3 14.2 42.6
 91 21.9 10.5 31.5





#87
1,3-Dichlorobenzene
Concen: 100.771 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

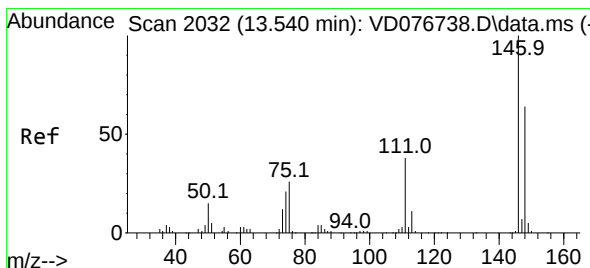
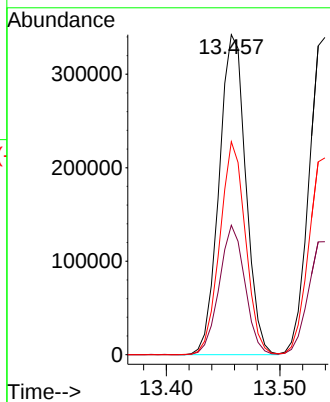
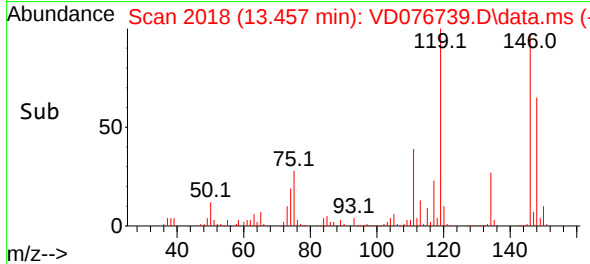
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100



Tgt Ion:146 Resp: 558389
Ion Ratio Lower Upper
146 100
111 38.9 17.9 53.8
148 63.9 32.3 96.8

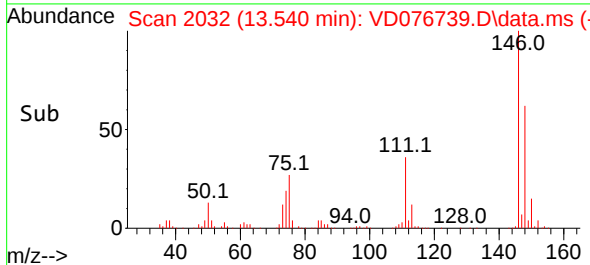
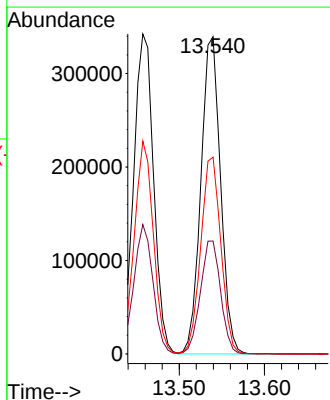
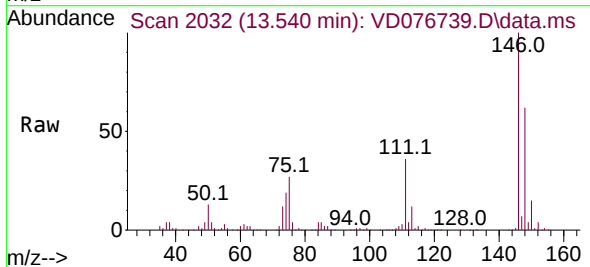
Manual Integrations
APPROVED

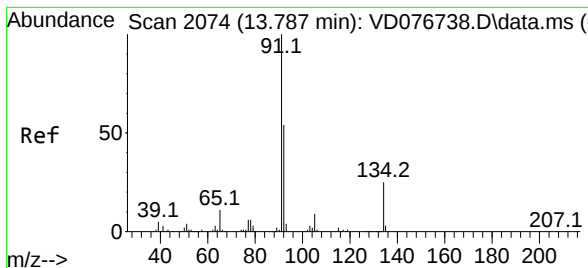
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#88
1,4-Dichlorobenzene
Concen: 100.246 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

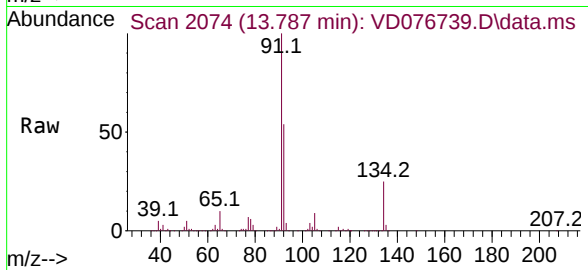
Tgt Ion:146 Resp: 544228
Ion Ratio Lower Upper
146 100
111 36.6 17.4 52.3
148 63.6 31.7 95.1





#89
n-Butylbenzene
Concen: 98.618 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

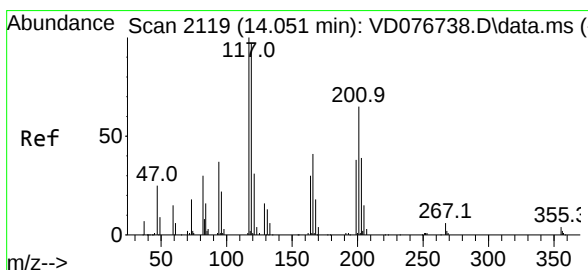
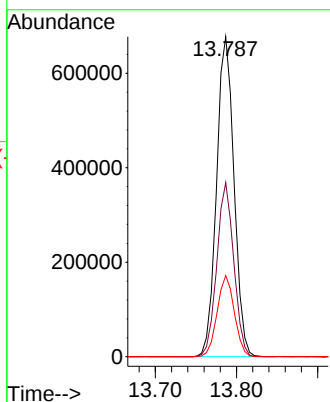
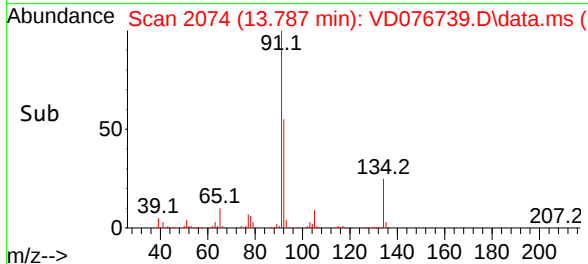
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion: 91 Resp: 101180
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 25.0 13.8 41.3

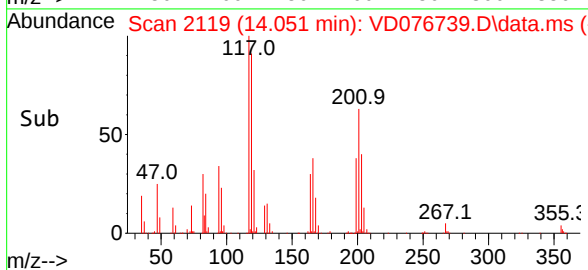
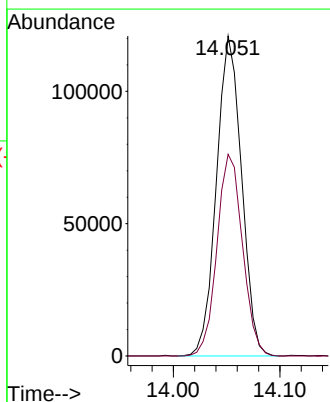
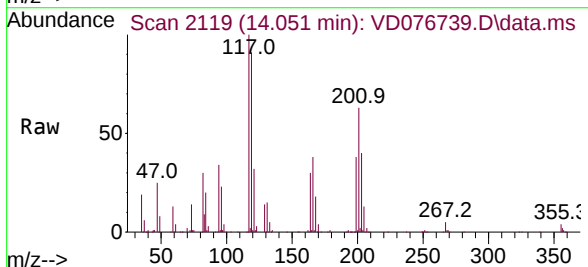
Manual Integrations
APPROVED

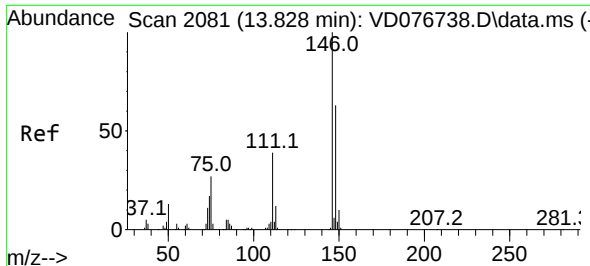
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#90
Hexachloroethane
Concen: 102.120 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

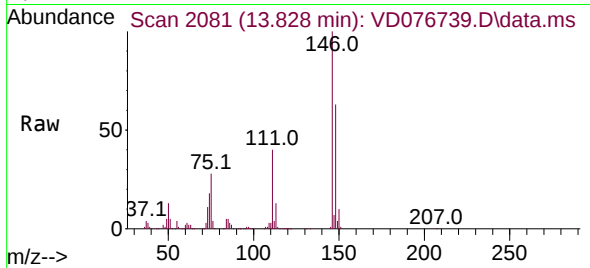
Tgt Ion:117 Resp: 197949
Ion Ratio Lower Upper
117 100
201 64.0 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 98.027 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

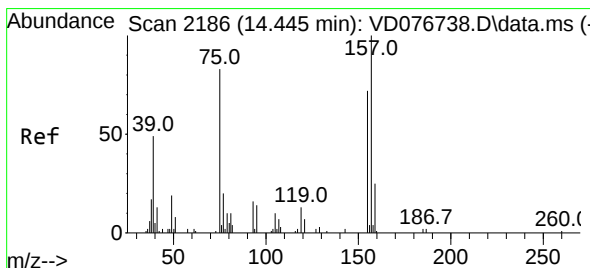
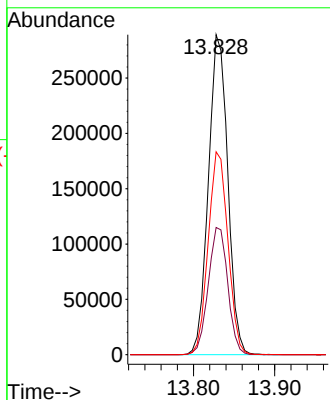
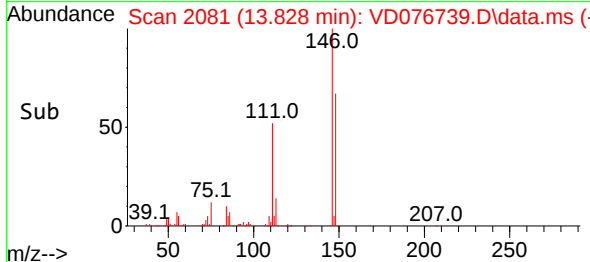
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 478630
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 64.6 31.6 94.7

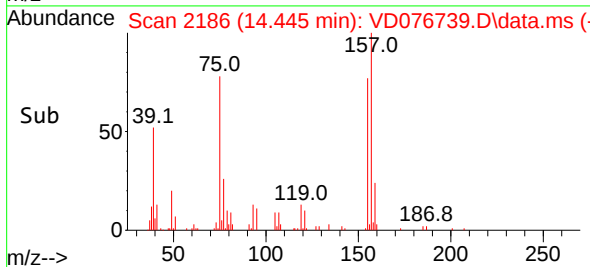
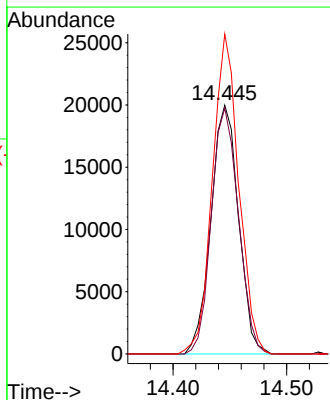
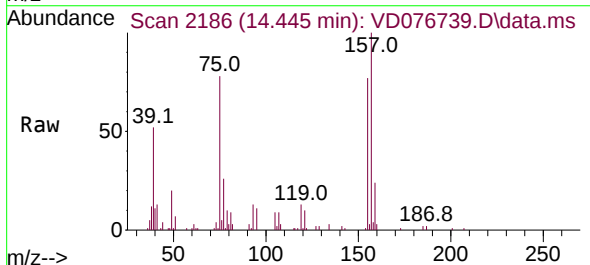
Manual Integrations
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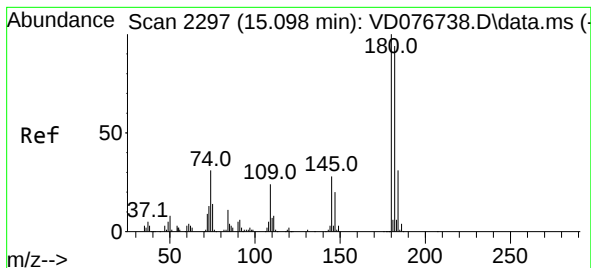
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 94.612 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion: 75 Resp: 33805
Ion Ratio Lower Upper
75 100
155 96.7 47.9 143.8
157 122.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 101.227 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC100

Tgt Ion:180 Resp: 301750

Ion Ratio Lower Upper

180 100

182 94.4 48.5 145.6

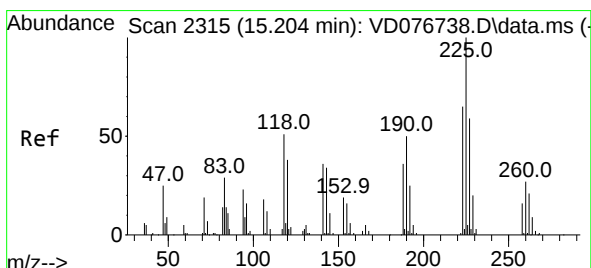
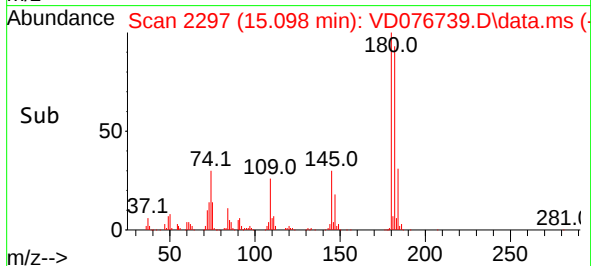
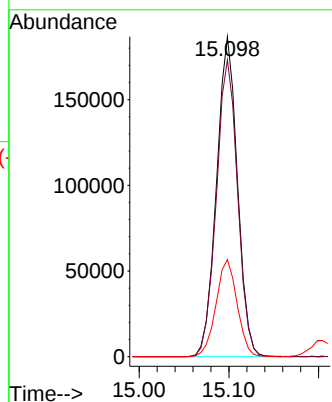
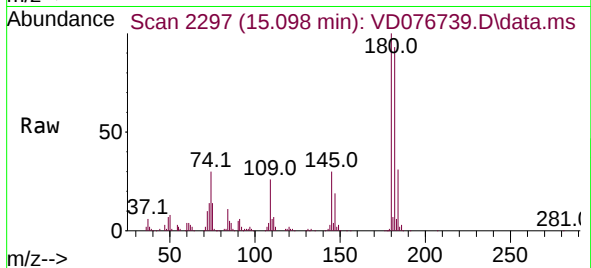
145 30.6 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#94

Hexachlorobutadiene

Concen: 93.245 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076739.D

Acq: 14 Jul 2023 13:49

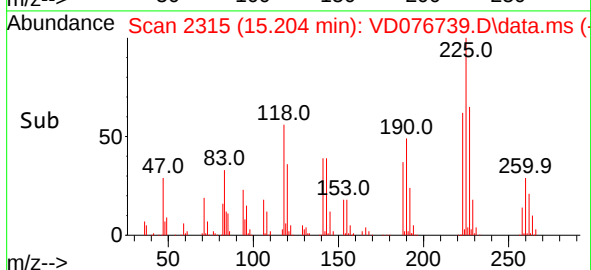
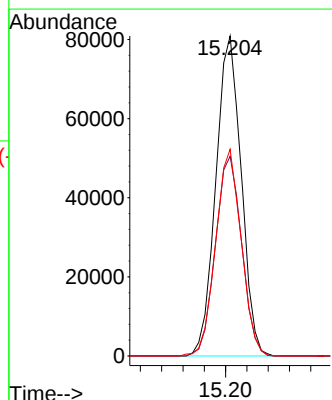
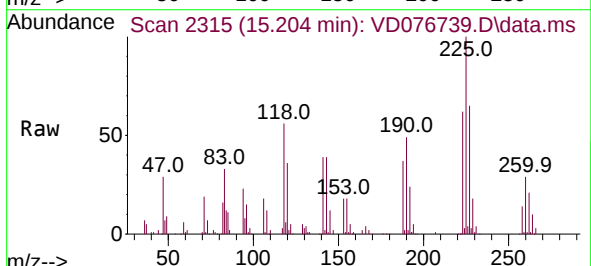
Tgt Ion:225 Resp: 133680

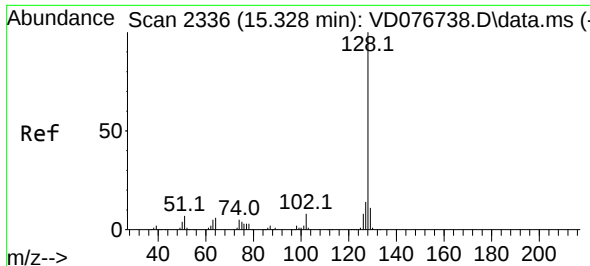
Ion Ratio Lower Upper

225 100

223 64.3 31.6 94.8

227 65.0 31.7 95.1





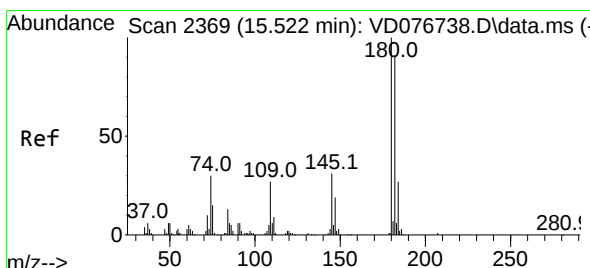
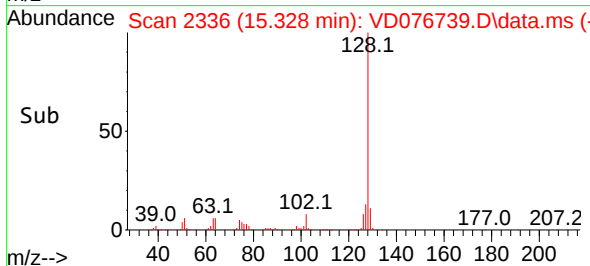
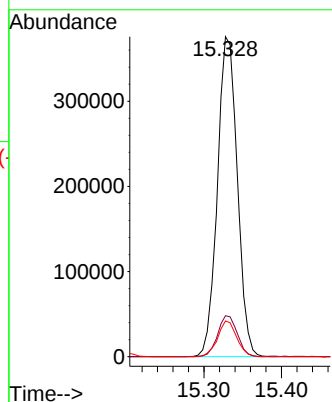
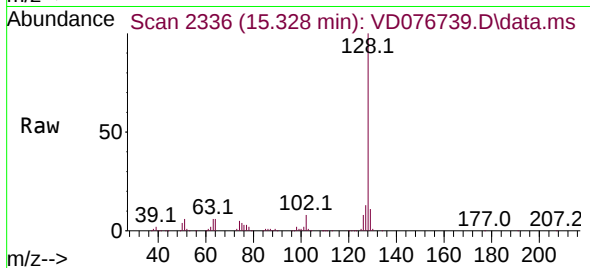
#95
Naphthalene
Concen: 103.887 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC100

Tgt Ion:128 Resp: 67052
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#96
1,2,3-Trichlorobenzene
Concen: 100.558 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076739.D
Acq: 14 Jul 2023 13:49

Tgt Ion:180 Resp: 268994
Ion Ratio Lower Upper
180 100
182 96.1 47.3 141.9
145 32.3 15.1 45.3

