

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076740.D
 Acq On : 14 Jul 2023 14:17
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Jul 17 07:43:05 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	212434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	382966	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	354747	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	172295	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	286230	135.275	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 270.560%#	
35) Dibromofluoromethane	7.799	113	327652	136.148	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 272.300%#	
50) Toluene-d8	10.269	98	1197621	139.108	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 278.220%#	
62) 4-Bromofluorobenzene	12.575	95	397686	142.790	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 285.580%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	244073	146.925	ug/l	97
3) Chloromethane	2.146	50	373869	130.466	ug/l	99
4) Vinyl Chloride	2.276	62	536743	140.509	ug/l	100
5) Bromomethane	2.658	94	451607	143.688	ug/l	99
6) Chloroethane	2.817	64	401075	139.062	ug/l	100
7) Trichlorofluoromethane	3.164	101	505874	148.828	ug/l	97
8) Diethyl Ether	3.587	74	167402	143.044	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.952	101	327545	146.598	ug/l	96
10) Methyl Iodide	4.152	142	389376	154.597	ug/l	93
11) Tert butyl alcohol	5.058	59	112118	710.094	ug/l	99
12) 1,1-Dichloroethene	3.928	96	305000	145.295	ug/l	87
13) Acrolein	3.793	56	69876	649.419	ug/l	98
14) Allyl chloride	4.552	41	387147	140.393	ug/l	93
15) Acrylonitrile	5.252	53	400388	696.590	ug/l	99
16) Acetone	4.017	43	331237	655.494	ug/l	89
17) Carbon Disulfide	4.258	76	709519	144.715	ug/l	99
18) Methyl Acetate	4.558	43	265535	139.861	ug/l	94
19) Methyl tert-butyl Ether	5.317	73	818466	145.393	ug/l	97
20) Methylene Chloride	4.793	84	382164	146.986	ug/l #	88
21) trans-1,2-Dichloroethene	5.305	96	350481	143.636	ug/l	95
22) Diisopropyl ether	6.211	45	915890	140.259	ug/l	96
23) Vinyl Acetate	6.152	43	2308014	714.351	ug/l	96
24) 1,1-Dichloroethane	6.111	63	616972	140.134	ug/l	98
25) 2-Butanone	7.075	43	468314	692.464	ug/l	92
26) 2,2-Dichloropropane	7.069	77	553371	145.806	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	430034	142.962	ug/l	97
28) Bromochloromethane	7.422	49	137684	125.084	ug/l	88
29) Tetrahydrofuran	7.446	42	278442	696.831	ug/l	94
30) Chloroform	7.593	83	666236	138.160	ug/l	100
31) Cyclohexane	7.869	56	430475	138.240	ug/l	91
32) 1,1,1-Trichloroethane	7.787	97	571421	146.870	ug/l	98
36) 1,1-Dichloropropene	8.005	75	466585	148.370	ug/l	98
37) Ethyl Acetate	7.169	43	199008	141.505	ug/l	95
38) Carbon Tetrachloride	7.987	117	467522	155.263	ug/l	95
39) Methylcyclohexane	9.269	83	565621	155.770	ug/l	97
40) Benzene	8.246	78	1442939	145.422	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	117365	136.660	ug/l #	88
42) 1,2-Dichloroethane	8.322	62	368333	142.867	ug/l	98
43) Isopropyl Acetate	8.358	43	393401	143.333	ug/l	92
44) Trichloroethene	9.028	130	387654	143.370	ug/l	93
45) 1,2-Dichloropropane	9.305	63	361570	141.165	ug/l	97
46) Dibromomethane	9.393	93	215225	143.555	ug/l	92
47) Bromodichloromethane	9.581	83	531607	141.297	ug/l	98
48) Methyl methacrylate	9.381	41	173247	138.687	ug/l	88
49) 1,4-Dioxane	9.381	88	54978	2862.152	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	1041204	712.497	ug/l	95
52) Toluene	10.334	92	966521	148.310	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	520329	149.001	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	604647	146.914	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	309832	141.521	ug/l	95
56) Ethyl methacrylate	10.599	69	375269	148.511	ug/l	93
57) 1,3-Dichloropropane	10.881	76	507703	142.400	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	699479	715.140	ug/l	99
59) 2-Hexanone	10.922	43	737658	707.429	ug/l	94
60) Dibromochloromethane	11.075	129	373437	146.831	ug/l	97
61) 1,2-Dibromoethane	11.181	107	287127	141.460	ug/l	100
64) Tetrachloroethene	10.810	164	301744	149.169	ug/l	92
65) Chlorobenzene	11.604	112	1055085	147.881	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	399085	150.242	ug/l	97
67) Ethyl Benzene	11.681	91	1935733	154.488	ug/l	96
68) m/p-Xylenes	11.793	106	1501344	311.985	ug/l	93
69) o-Xylene	12.122	106	721049	154.947	ug/l	91
70) Styrene	12.134	104	1266751	155.501	ug/l	98
71) Bromoform	12.299	173	218230	150.006	ug/l #	100
73) Isopropylbenzene	12.422	105	1890490	151.235	ug/l	96
74) N-amyl acetate	12.234	43	373508	141.832	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	367123	136.786	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	236969m	138.407	ug/l	
77) Bromobenzene	12.698	156	417793	144.796	ug/l	88
78) n-propylbenzene	12.763	91	2286180	150.859	ug/l	96
79) 2-Chlorotoluene	12.851	91	1222268	147.097	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	1549307	153.280	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	111242	144.492	ug/l	99
82) 4-Chlorotoluene	12.946	91	1289917	148.599	ug/l	95
83) tert-Butylbenzene	13.163	119	1385565	155.686	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	1579912	152.959	ug/l	96
85) sec-Butylbenzene	13.345	105	2096414	154.179	ug/l	96
86) p-Isopropyltoluene	13.457	119	1783540	158.827	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	894449	150.714	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	851544	146.451	ug/l	98
89) n-Butylbenzene	13.787	91	1681774	153.048	ug/l	99
90) Hexachloroethane	14.051	117	320425	154.342	ug/l	87
91) 1,2-Dichlorobenzene	13.828	146	766488	146.570	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	49457	129.239	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	468870	146.860	ug/l	98
94) Hexachlorobutadiene	15.204	225	226689	147.635	ug/l	100
95) Naphthalene	15.328	128	1039946	150.438	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	417343	145.668	ug/l	99

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ClientSampleId :
VSTDICC150

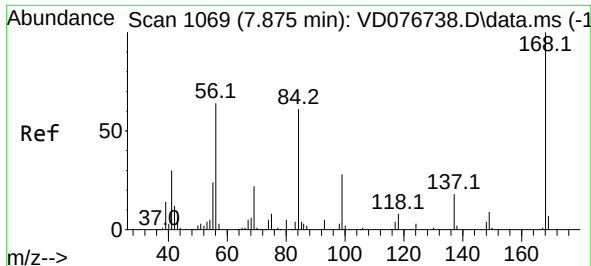
Manual Integrations
APPROVED

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

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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



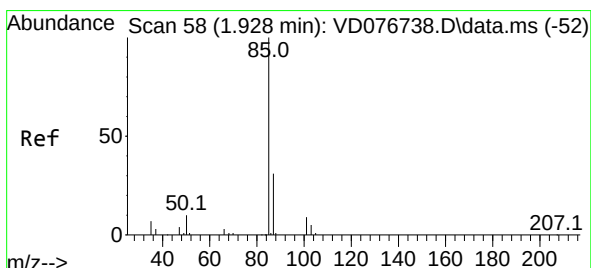
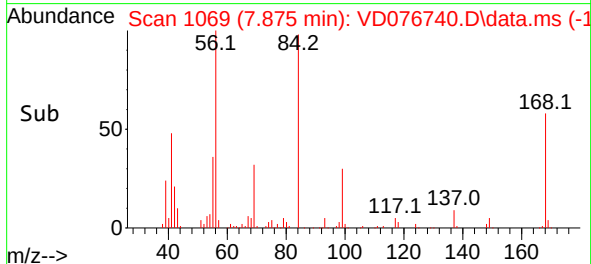
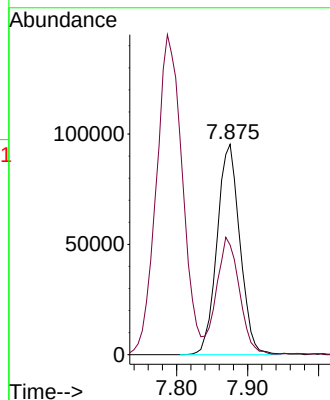
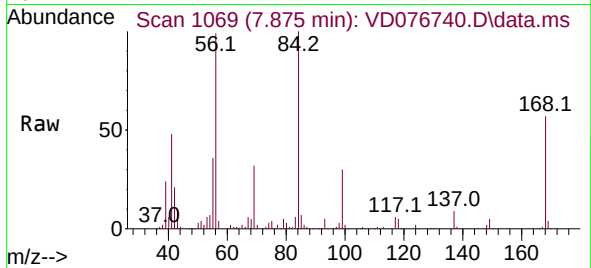
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

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ClientSampleId :
VSTDIC150

Tgt Ion:168 Resp: 212434
Ion Ratio Lower Upper
168 100
99 51.7 36.7 55.1

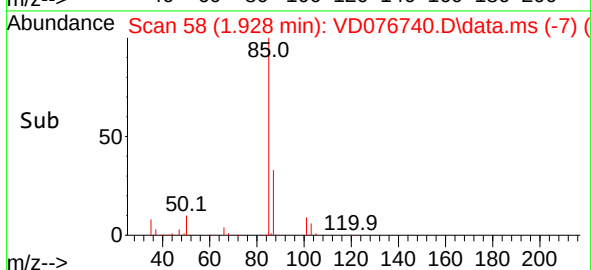
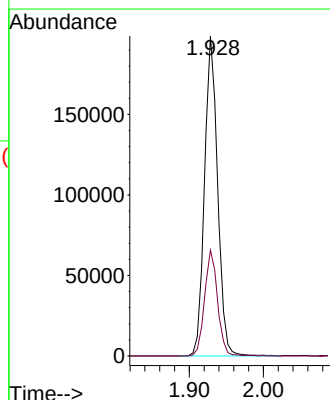
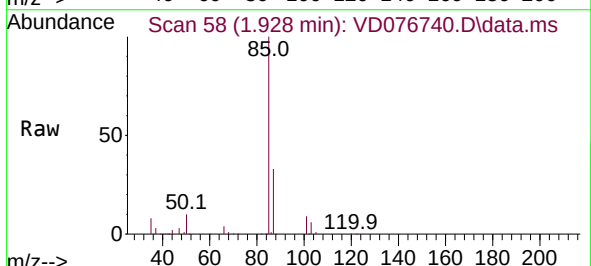
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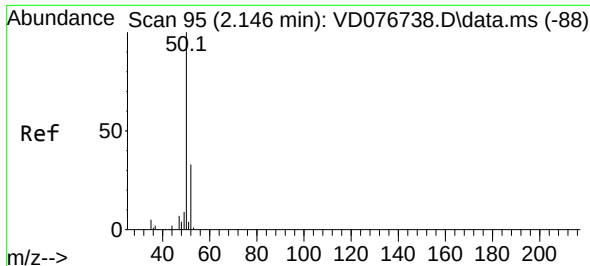
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 146.925 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

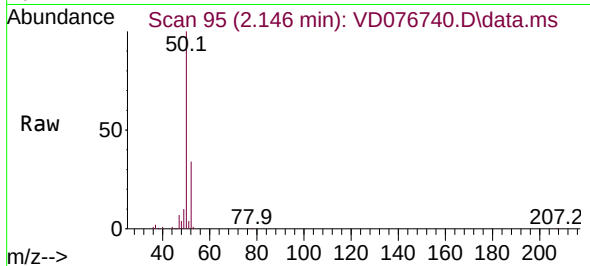
Tgt Ion: 85 Resp: 244073
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0





#3
Chloromethane
Concen: 130.466 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

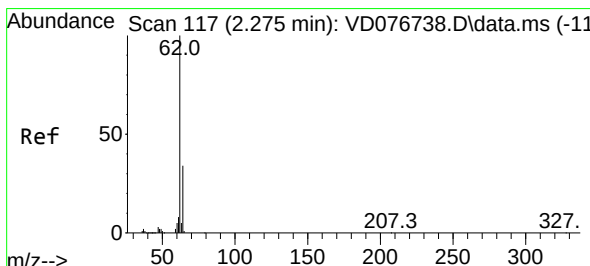
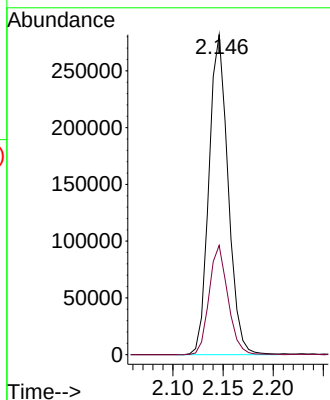
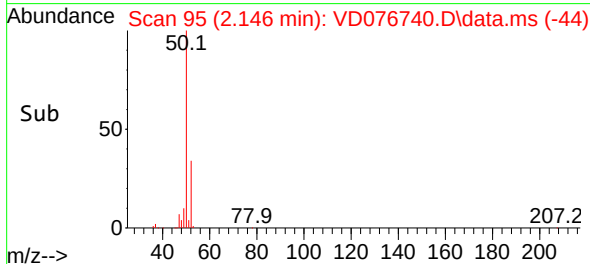
Instrument :
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VSTDICC150



Tgt Ion: 50 Resp: 373869
Ion Ratio Lower Upper
50 100
52 34.1 26.6 40.0

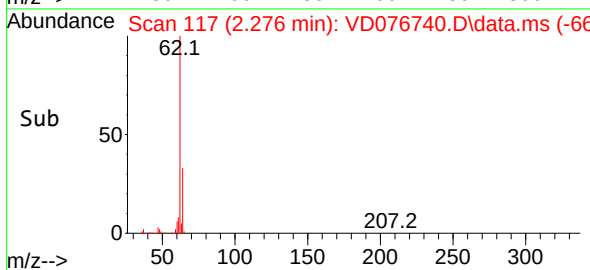
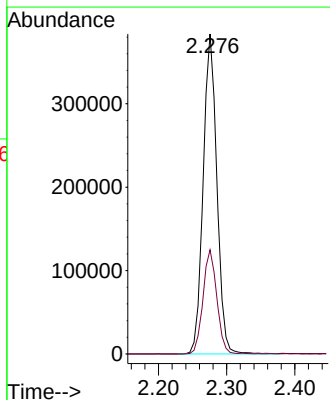
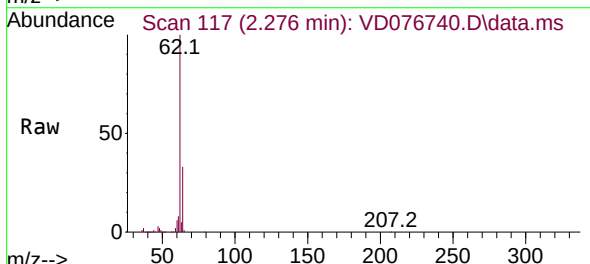
Manual Integrations
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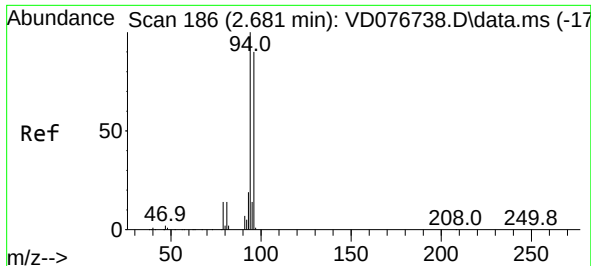
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#4
Vinyl Chloride
Concen: 140.509 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 62 Resp: 536743
Ion Ratio Lower Upper
62 100
64 32.6 26.0 39.0





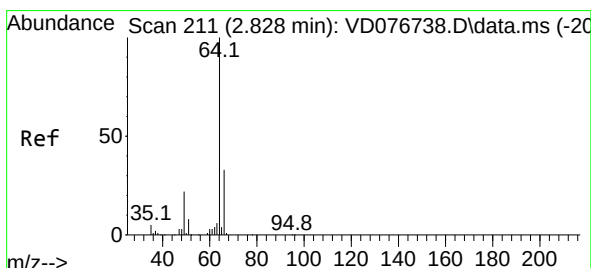
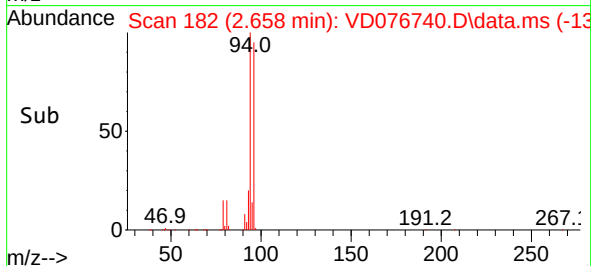
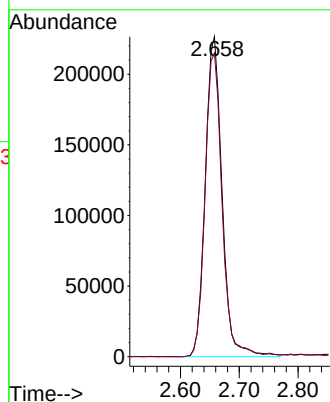
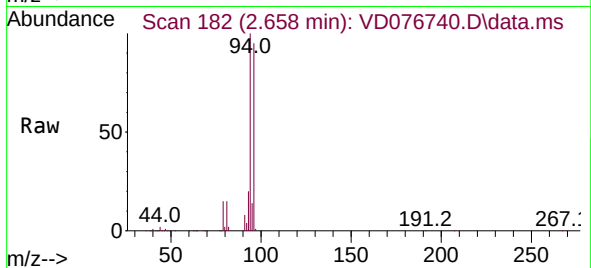
#5
Bromomethane
Concen: 143.688 ug/l
RT: 2.658 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 45160
Ion Ratio Lower Upper
94 100
96 95.9 75.8 113.8

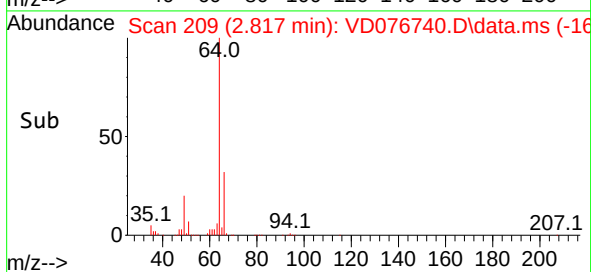
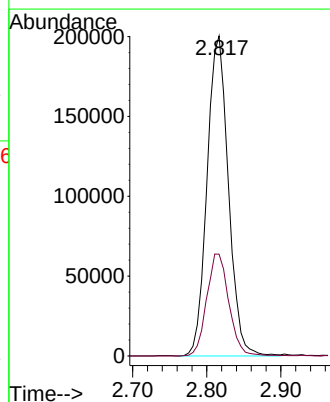
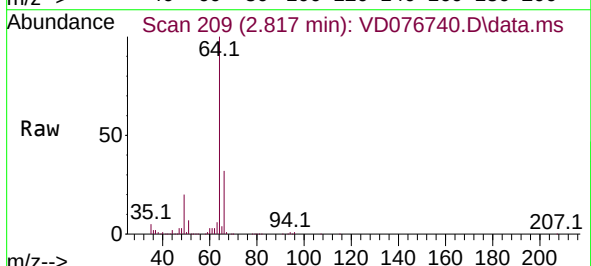
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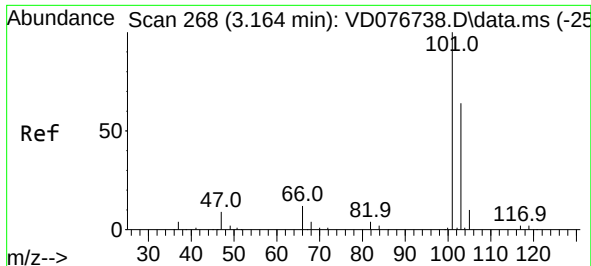
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#6
Chloroethane
Concen: 139.062 ug/l
RT: 2.817 min Scan# 209
Delta R.T. -0.011 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

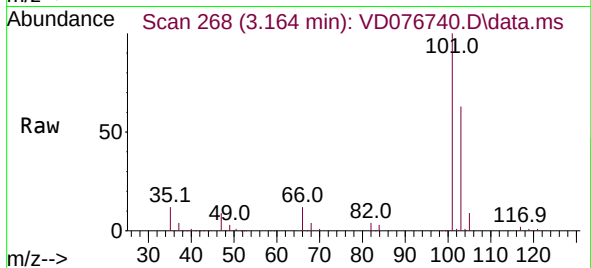
Tgt Ion: 64 Resp: 401075
Ion Ratio Lower Upper
64 100
66 31.8 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 148.828 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

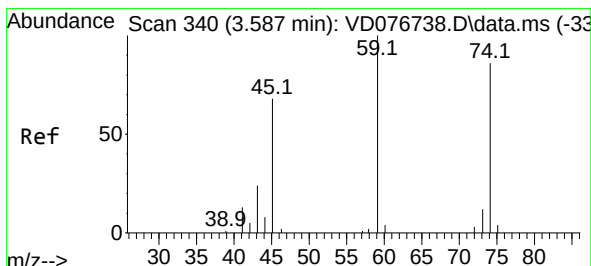
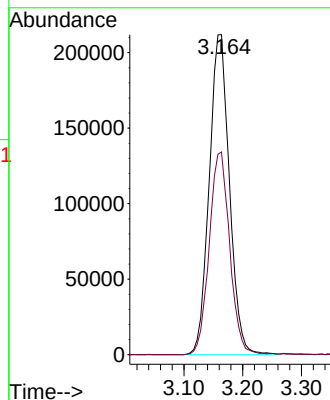
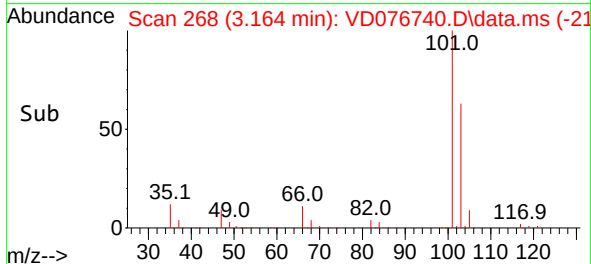
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



Tgt Ion:101 Resp: 505874
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.3 78.5

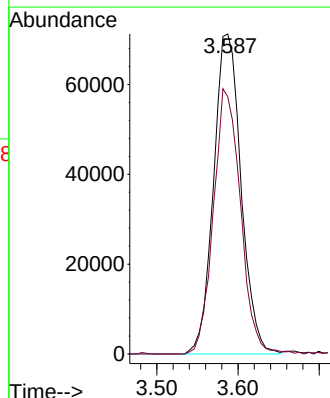
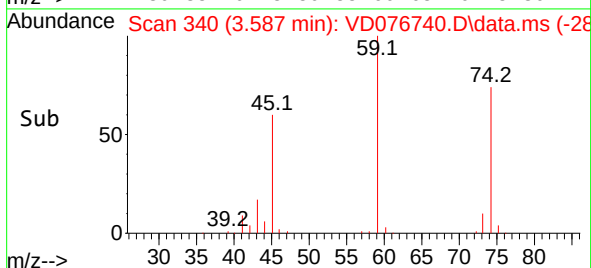
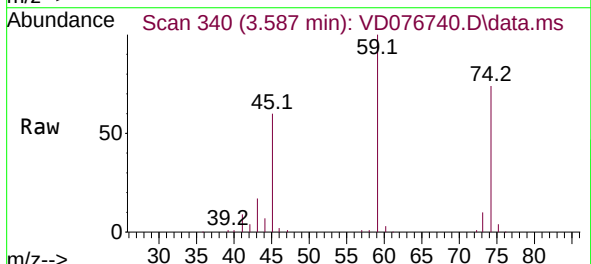
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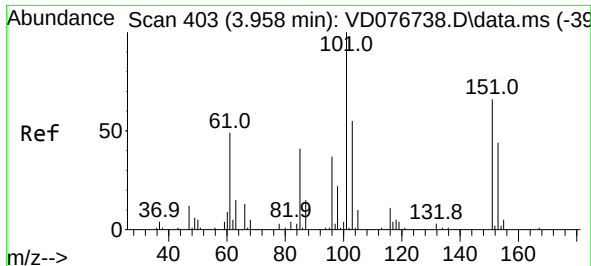
Reviewed By :John Carlone 07/17/2023
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#8
 Diethyl Ether
 Concen: 143.044 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

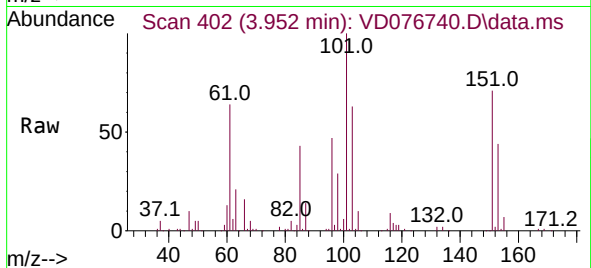
Tgt Ion: 74 Resp: 167402
 Ion Ratio Lower Upper
 74 100
 45 81.8 37.5 112.7





#9
1,1,2-Trichlorotrifluoroethane
Concen: 146.598 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076740.D
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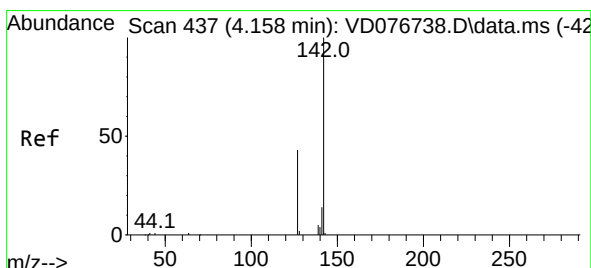
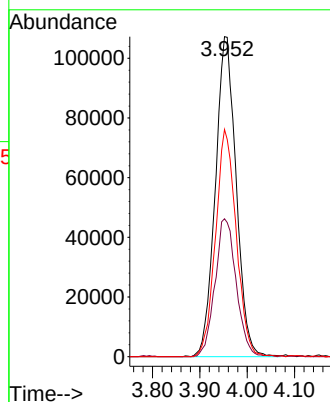
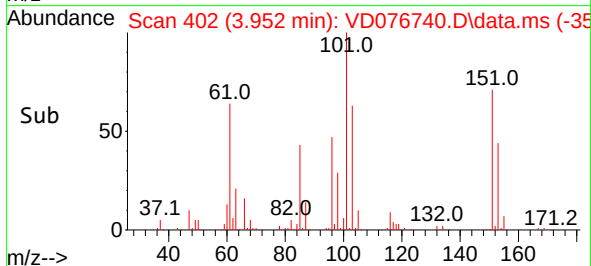
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:101 Resp: 327549
Ion Ratio Lower Upper
101 100
85 44.0 33.8 50.6
151 70.6 59.8 89.6

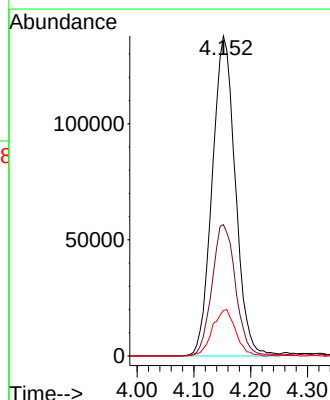
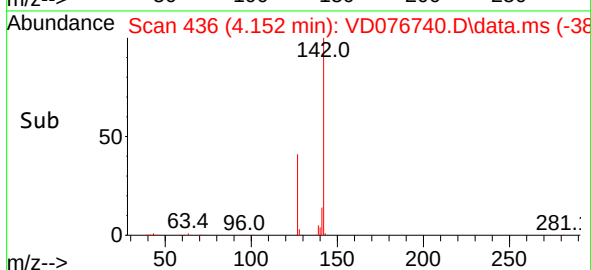
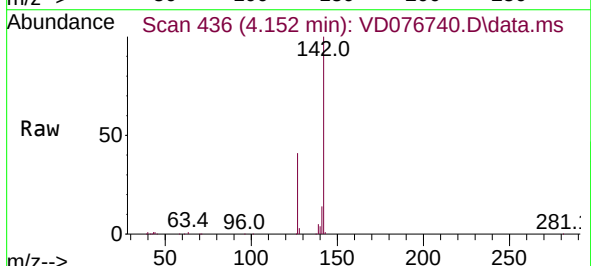
Manual Integrations
APPROVED

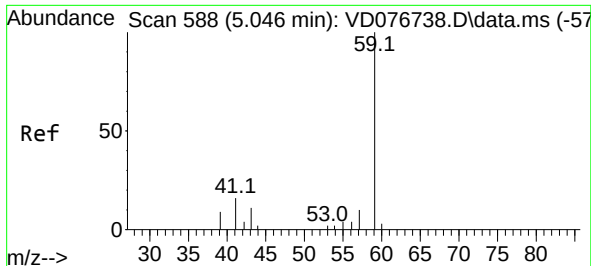
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#10
Methyl Iodide
Concen: 154.597 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion:142 Resp: 389376
Ion Ratio Lower Upper
142 100
127 42.1 29.4 44.0
141 14.6 11.1 16.7





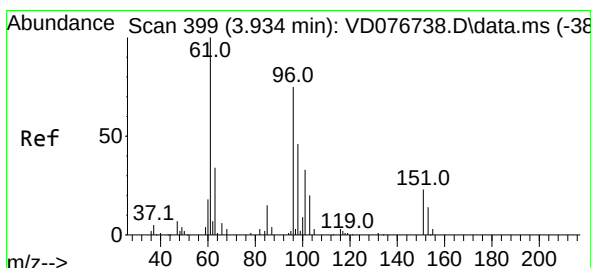
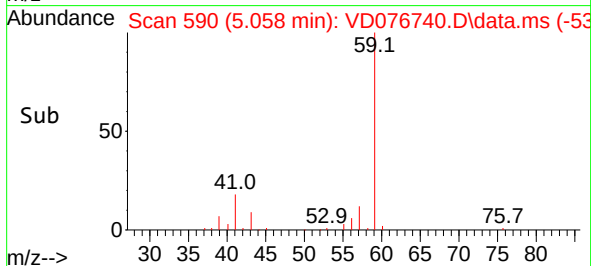
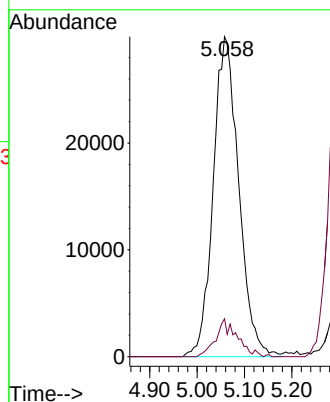
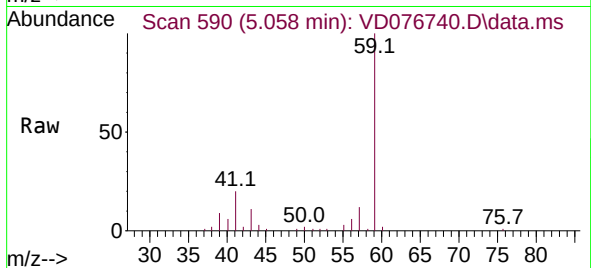
#11
Tert butyl alcohol
Concen: 710.094 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 112118
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.8

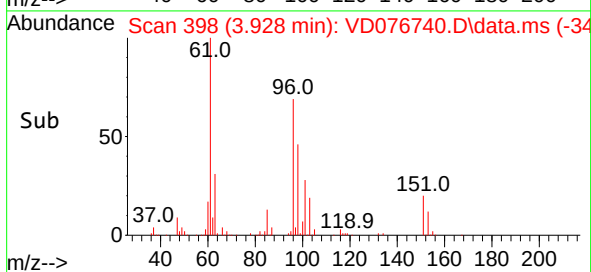
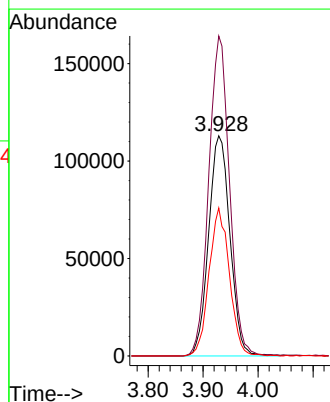
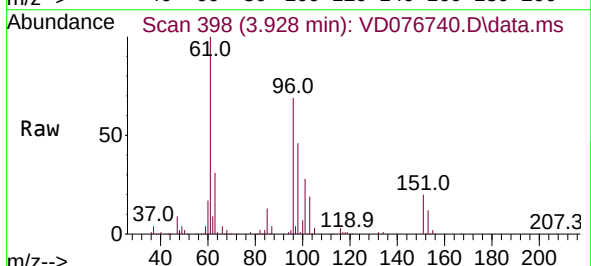
Manual Integrations
APPROVED

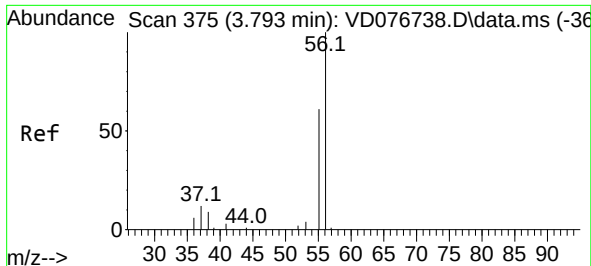
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#12
1,1-Dichloroethene
Concen: 145.295 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

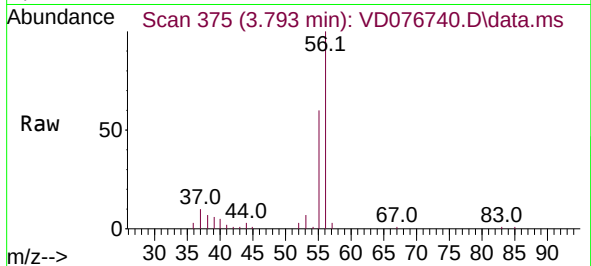
Tgt Ion: 96 Resp: 305000
Ion Ratio Lower Upper
96 100
61 145.3 100.6 150.8
98 67.2 50.2 75.2





#13
Acrolein
Concen: 649.419 ug/l
RT: 3.793 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

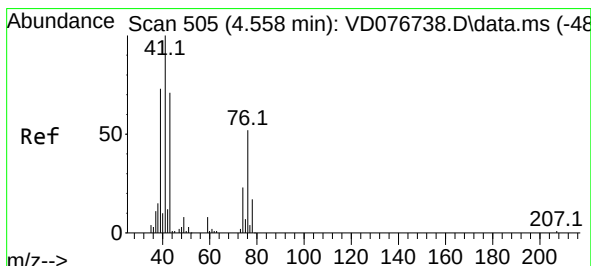
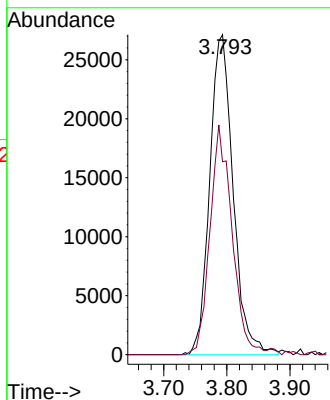
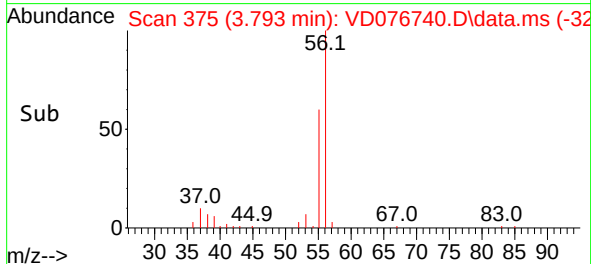
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 56 Resp: 69870
Ion Ratio Lower Upper
56 100
55 67.5 55.1 82.7

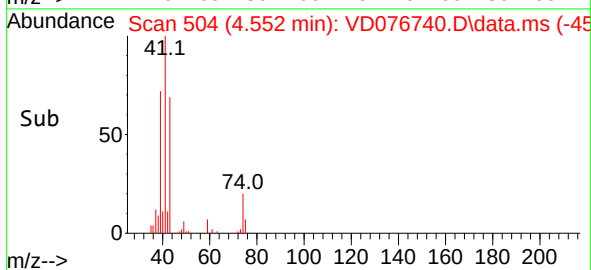
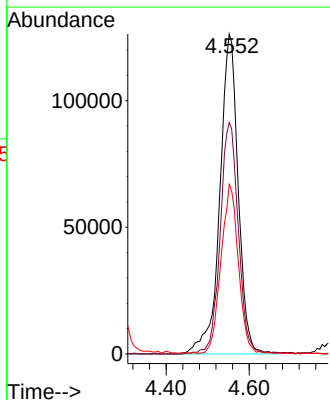
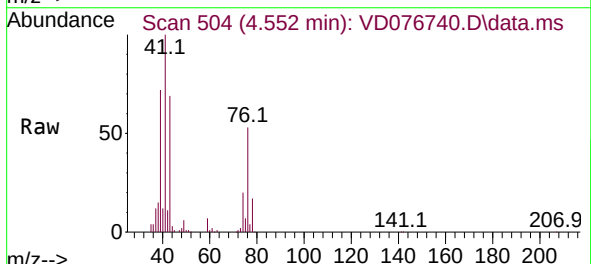
Manual Integrations
APPROVED

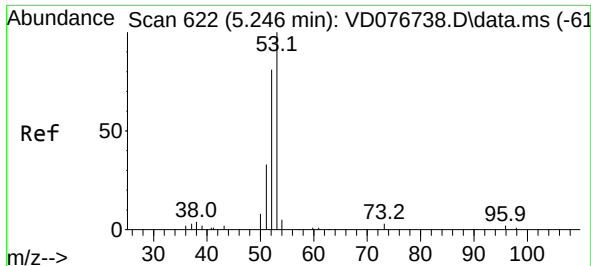
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#14
Allyl chloride
Concen: 140.393 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 41 Resp: 387147
Ion Ratio Lower Upper
41 100
39 71.2 53.8 80.6
76 49.9 45.8 68.8





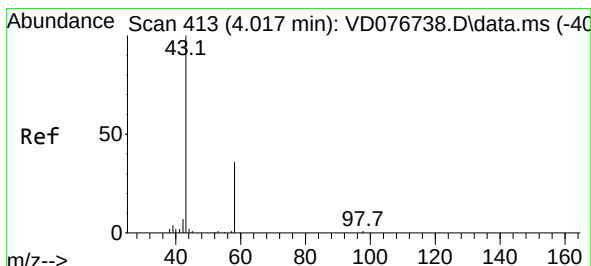
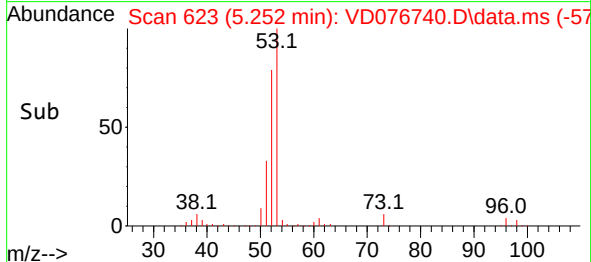
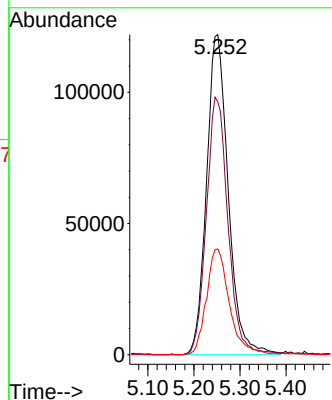
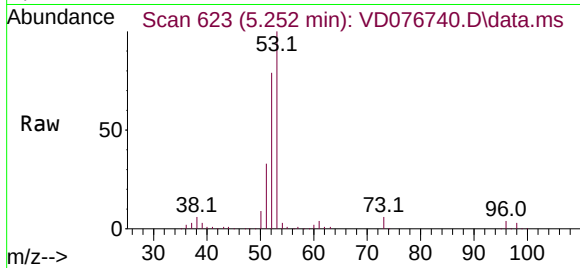
#15
Acrylonitrile
Concen: 696.590 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 53 Resp: 400388
Ion Ratio Lower Upper
53 100
52 80.1 65.0 97.4
51 34.9 28.3 42.5

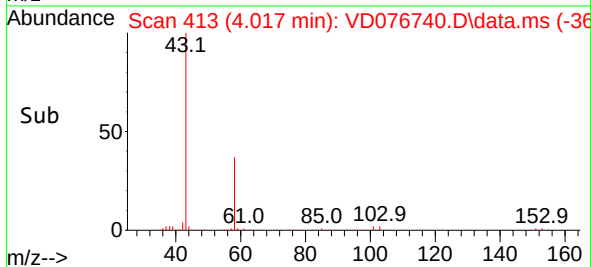
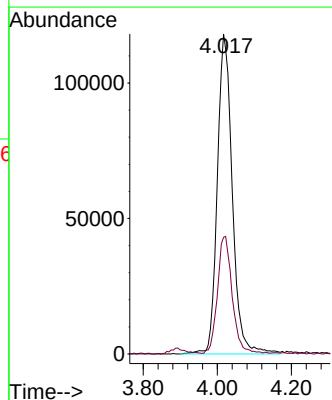
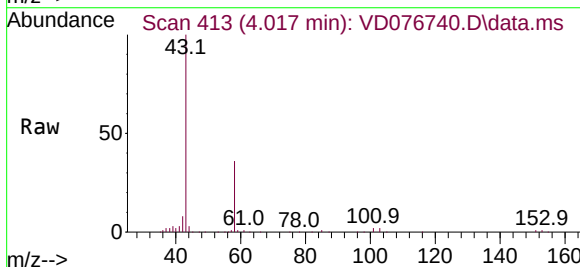
Manual Integrations
APPROVED

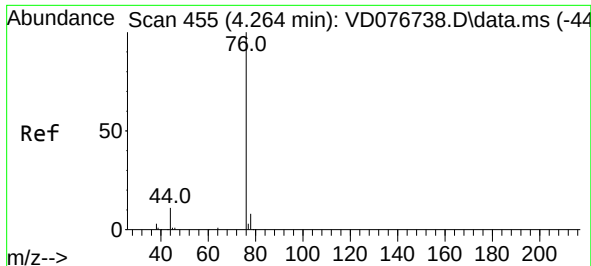
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
Acetone
Concen: 655.494 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

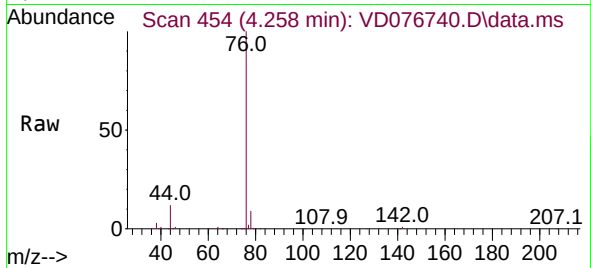
Tgt Ion: 43 Resp: 331237
Ion Ratio Lower Upper
43 100
58 36.2 34.7 52.1





#17
Carbon Disulfide
Concen: 144.715 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

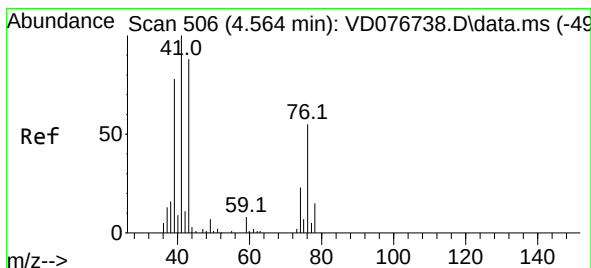
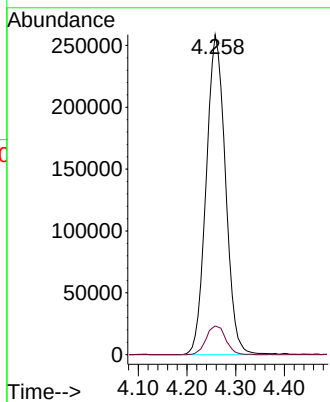
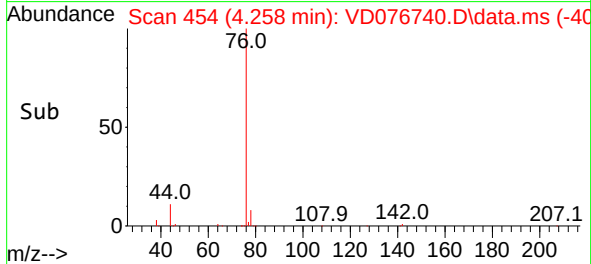
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



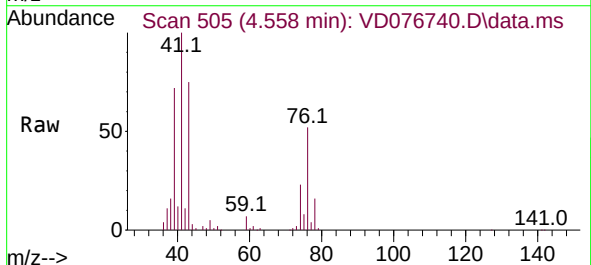
Tgt Ion: 76 Resp: 709519
Ion Ratio Lower Upper
76 100
78 9.0 6.8 10.2

Manual Integrations
APPROVED

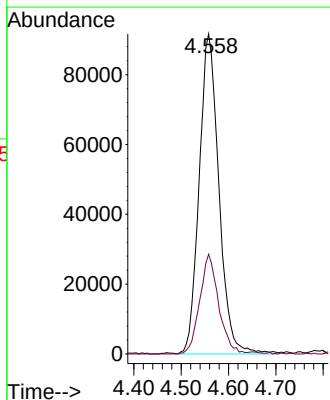
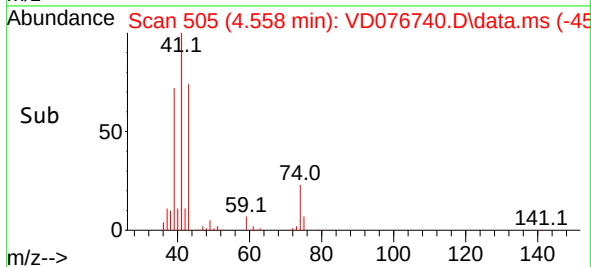
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

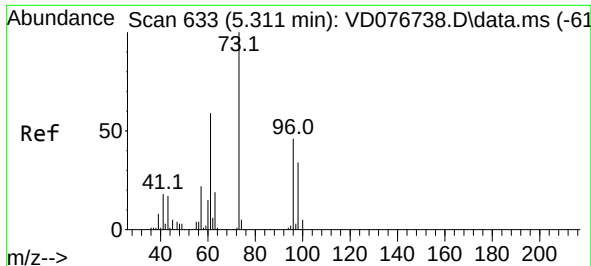


#18
Methyl Acetate
Concen: 139.861 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



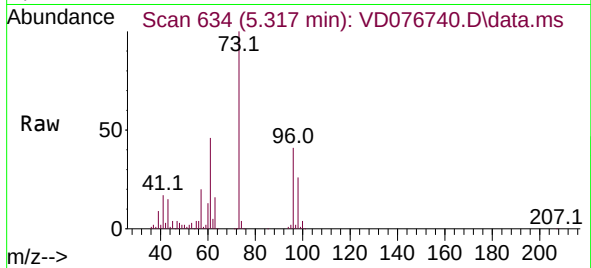
Tgt Ion: 43 Resp: 265535
Ion Ratio Lower Upper
43 100
74 29.8 26.4 39.6





#19
Methyl tert-butyl Ether
Concen: 145.393 ug/l
RT: 5.317 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

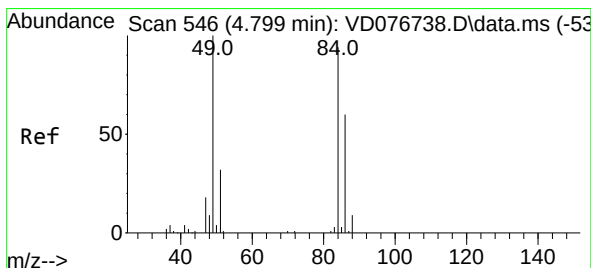
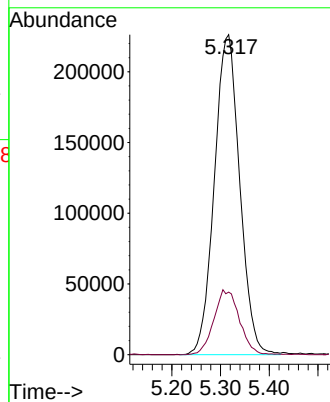
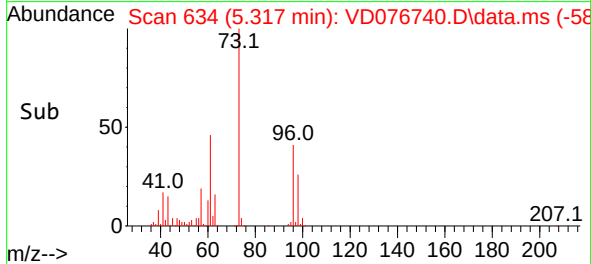
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 73 Resp: 81846
Ion Ratio Lower Upper
73 100
57 19.5 16.6 25.0

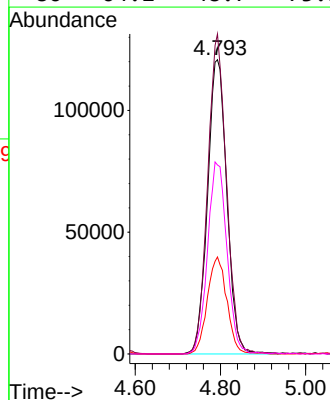
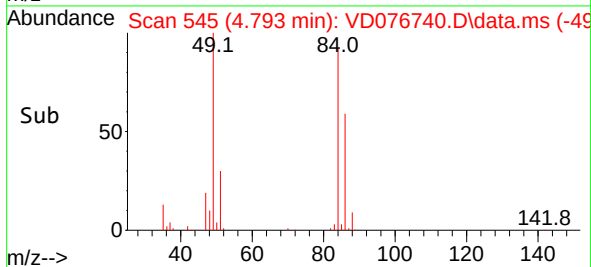
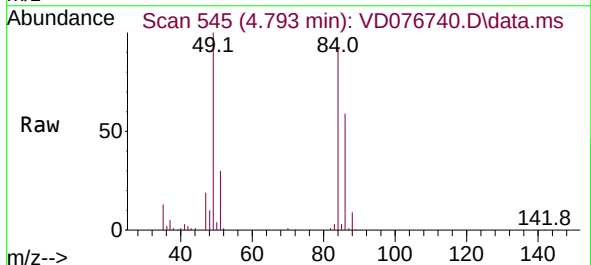
Manual Integrations
APPROVED

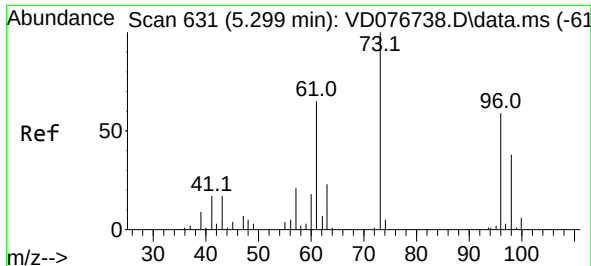
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 146.986 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

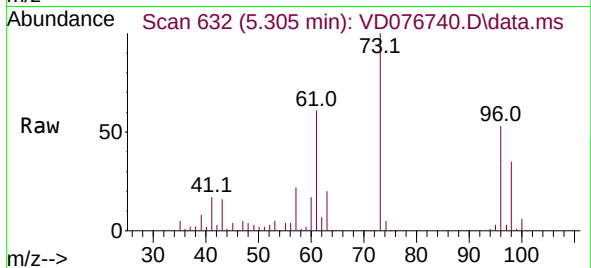
Tgt Ion: 84 Resp: 382164
Ion Ratio Lower Upper
84 100
49 108.7 71.4 107.2#
51 33.0 24.5 36.7
86 64.2 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 143.636 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

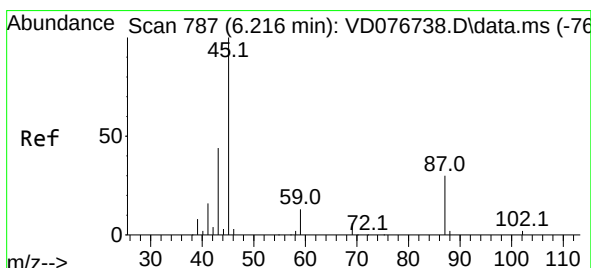
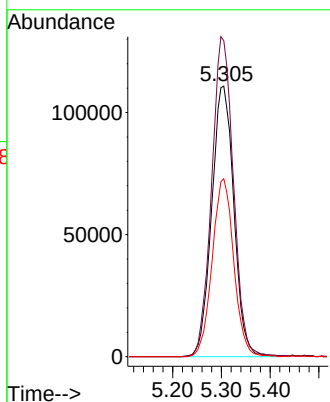
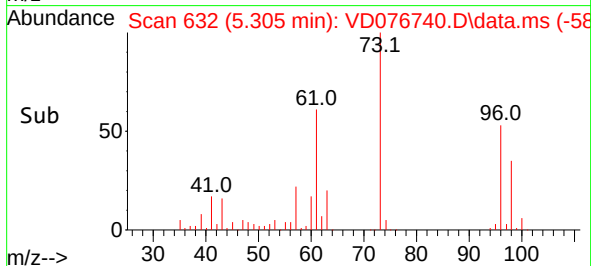
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



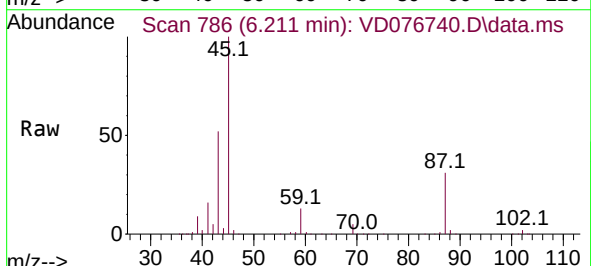
Tgt Ion: 96 Resp: 35048
Ion Ratio Lower Upper
96 100
61 116.7 89.3 133.9
98 65.8 48.6 73.0

Manual Integrations
APPROVED

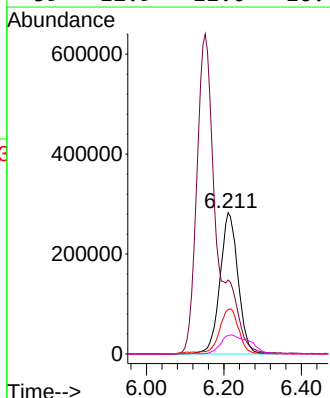
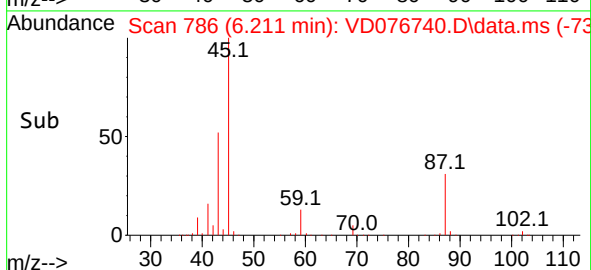
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

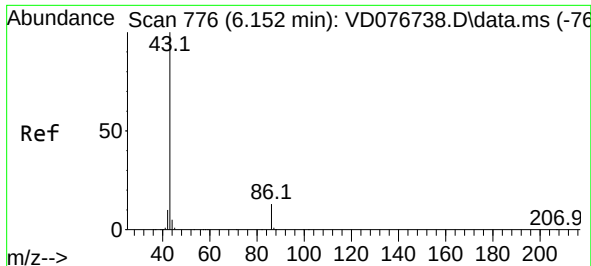


#22
Diisopropyl ether
Concen: 140.259 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.005 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



Tgt Ion: 45 Resp: 915890
Ion Ratio Lower Upper
45 100
43 52.1 40.0 60.0
87 31.3 28.2 42.4
59 12.9 11.0 16.4





#23
 Vinyl Acetate
 Concen: 714.351 ug/l
 RT: 6.152 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

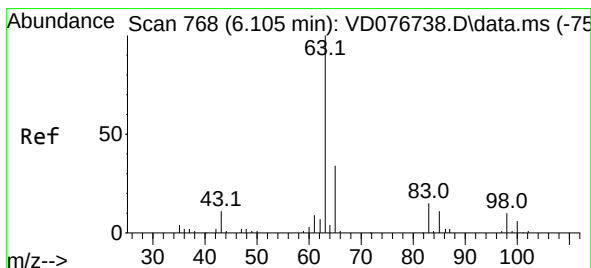
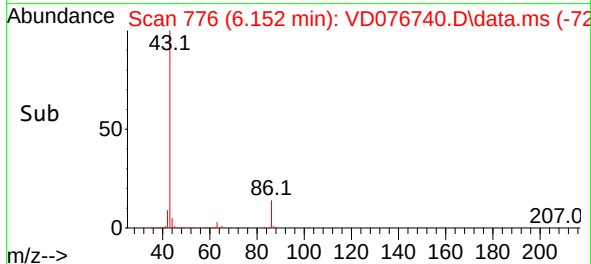
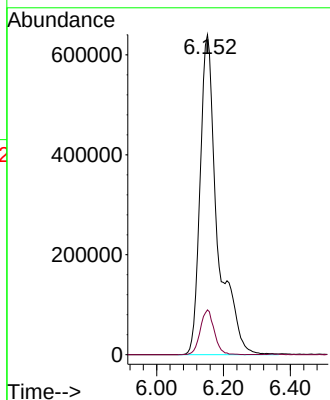
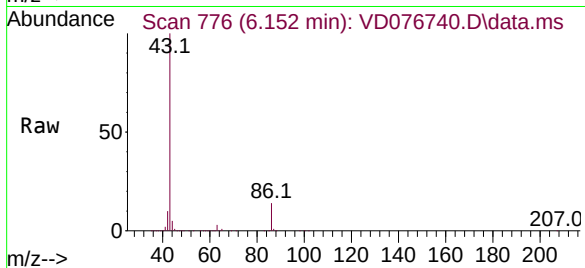
VSTDIC150

Tgt Ion: 43 Resp: 2308014
 Ion Ratio Lower Upper
 43 100
 86 14.0 12.5 18.7

Manual Integrations

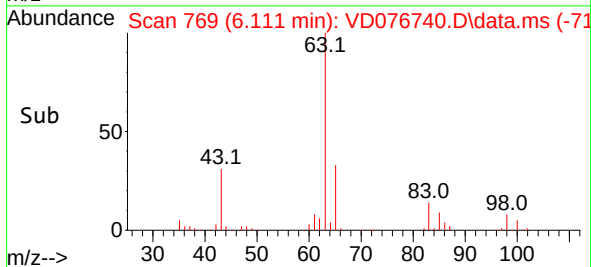
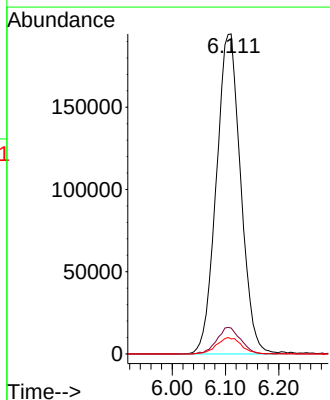
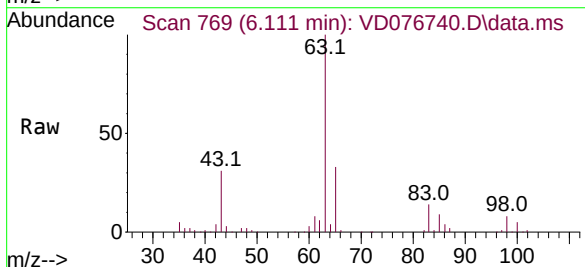
APPROVED

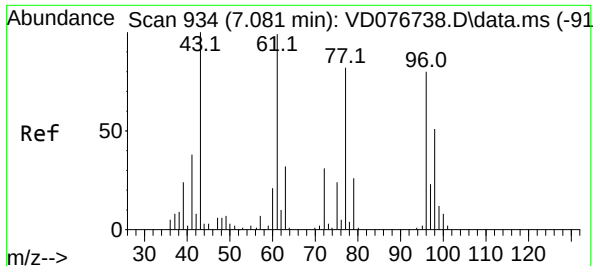
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#24
 1,1-Dichloroethane
 Concen: 140.134 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

Tgt Ion: 63 Resp: 616972
 Ion Ratio Lower Upper
 63 100
 98 8.1 4.5 13.7
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 692.464 ug/l

RT: 7.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 468314

Ion Ratio Lower Upper

43 100

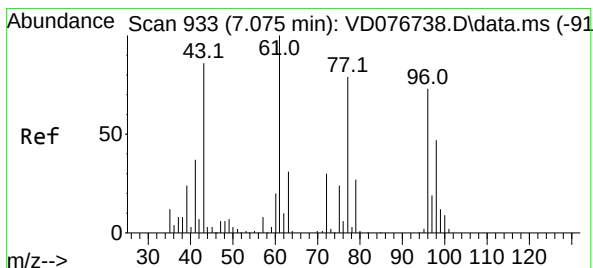
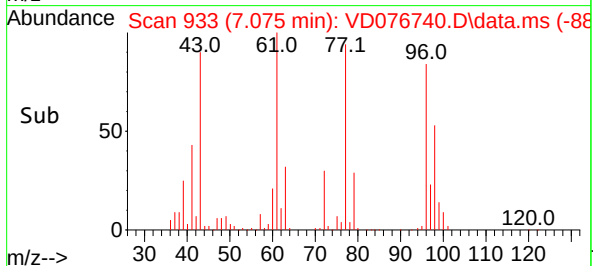
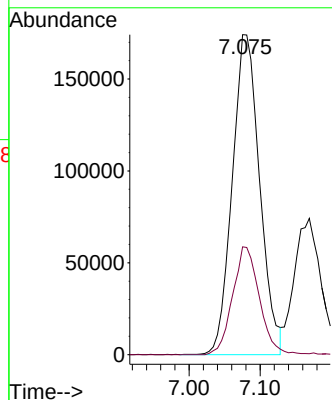
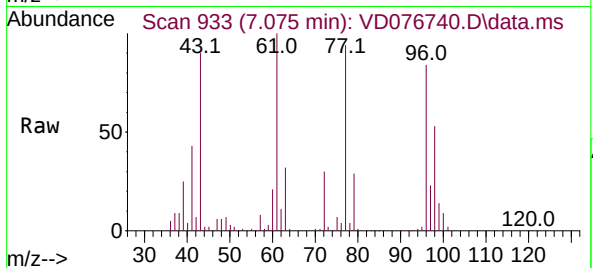
72 33.7 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#26

2,2-Dichloropropane

Concen: 145.806 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076740.D

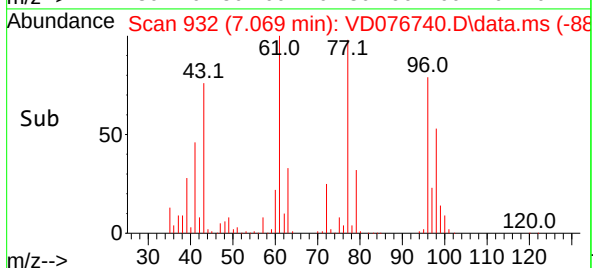
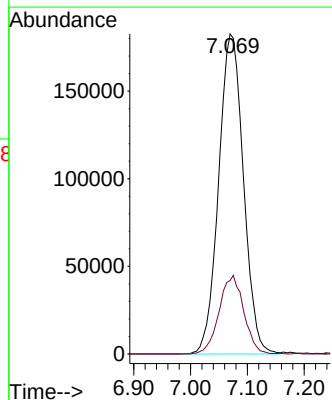
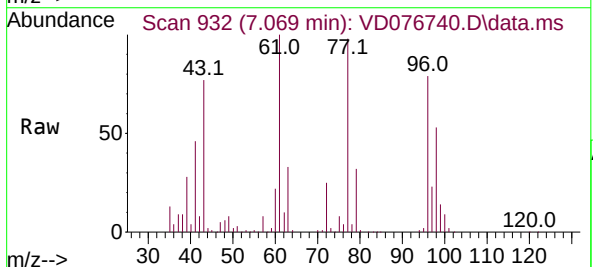
Acq: 14 Jul 2023 14:17

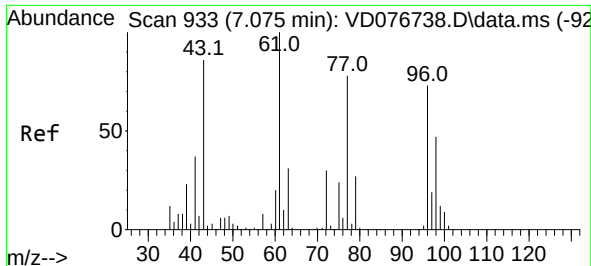
Tgt Ion: 77 Resp: 553371

Ion Ratio Lower Upper

77 100

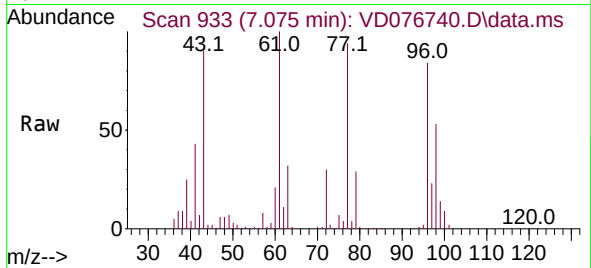
97 24.3 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 142.962 ug/l
RT: 7.075 min Scan# 911
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

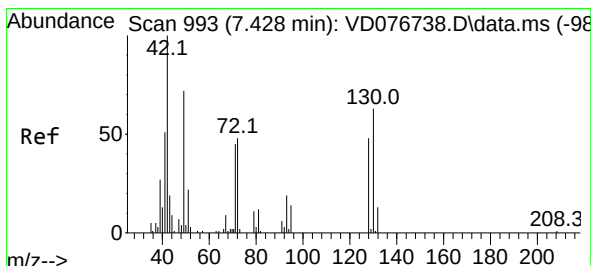
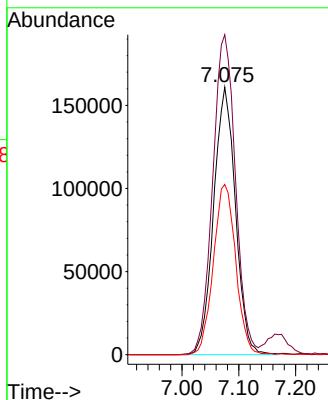
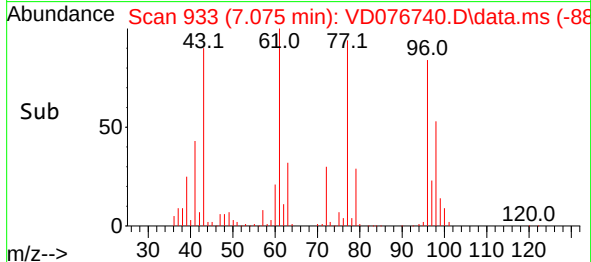
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 96 Resp: 430034
Ion Ratio Lower Upper
96 100
61 124.5 0.0 239.2
98 65.1 0.0 128.6

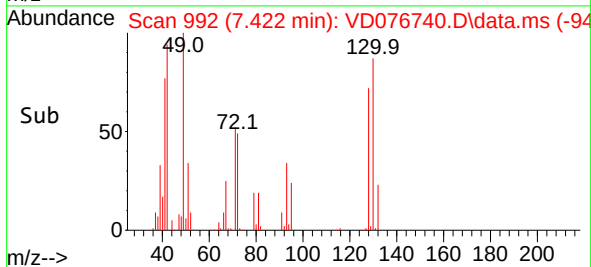
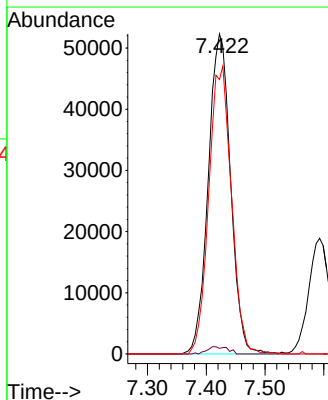
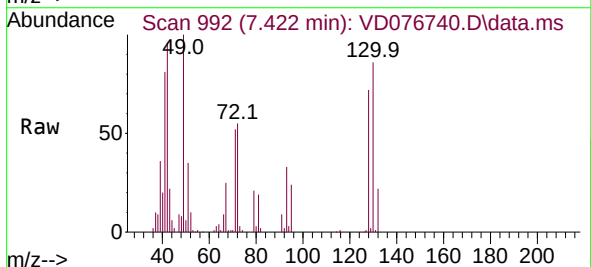
Manual Integrations
APPROVED

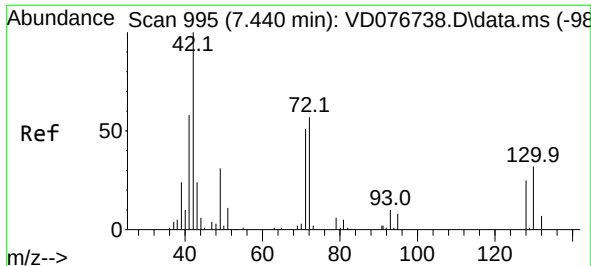
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#28
Bromochloromethane
Concen: 125.084 ug/l
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 49 Resp: 137684
Ion Ratio Lower Upper
49 100
129 2.1 0.0 6.0
130 91.2 83.2 124.8





#29

Tetrahydrofuran

Concen: 696.831 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 42 Resp: 27844

Ion Ratio Lower Upper

42 100

72 54.5 46.5 69.7

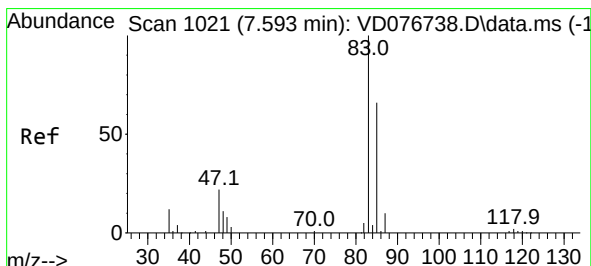
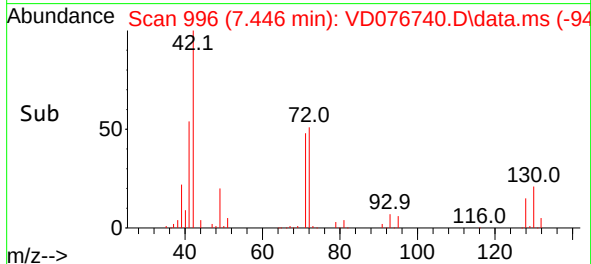
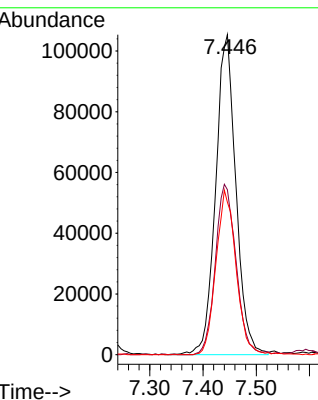
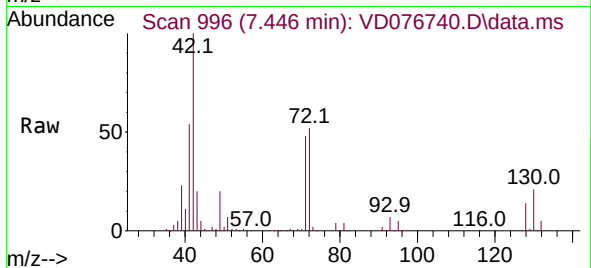
71 50.8 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Chloroform

Concen: 138.160 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD076740.D

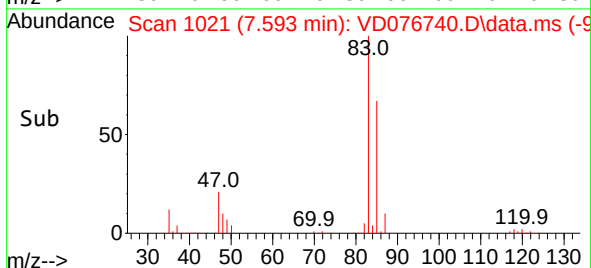
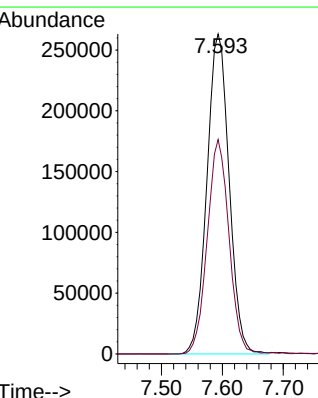
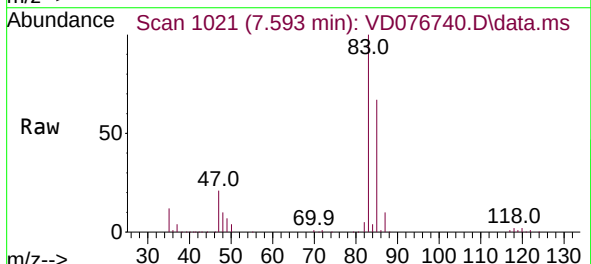
Acq: 14 Jul 2023 14:17

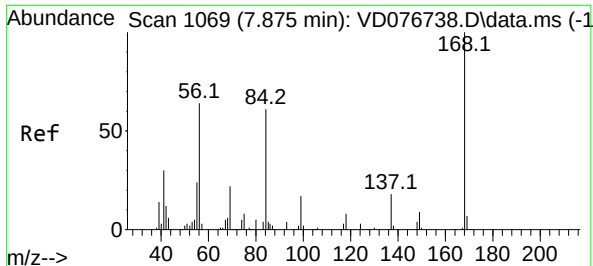
Tgt Ion: 83 Resp: 666236

Ion Ratio Lower Upper

83 100

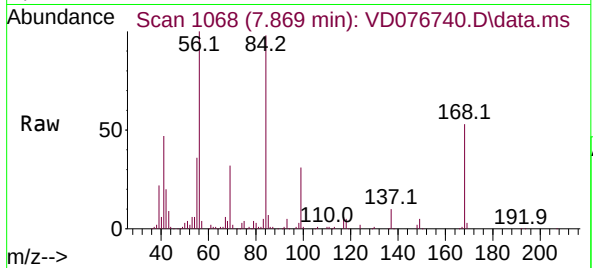
85 67.0 53.4 80.2





#31
Cyclohexane
Concen: 138.240 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

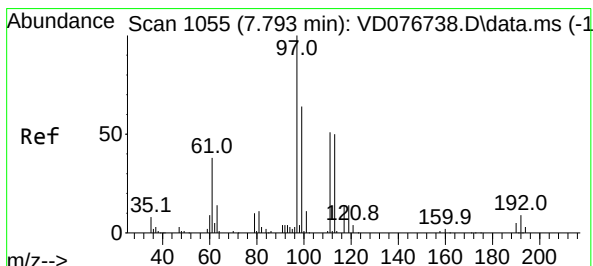
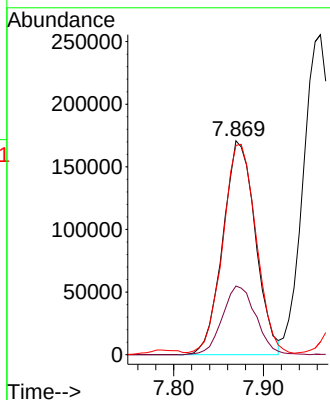
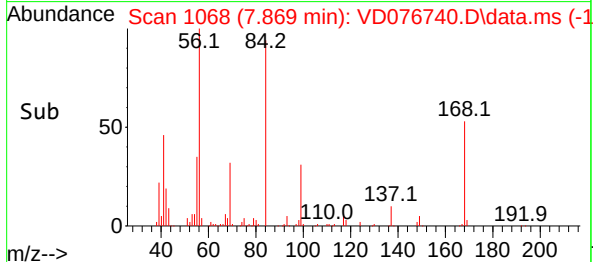
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 56 Resp: 430475
Ion Ratio Lower Upper
56 100
69 32.1 28.6 43.0
84 96.0 84.8 127.2

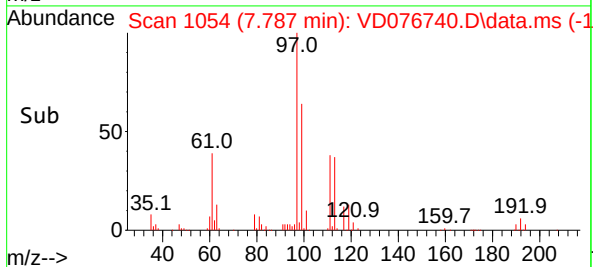
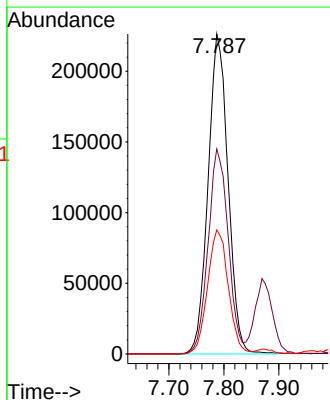
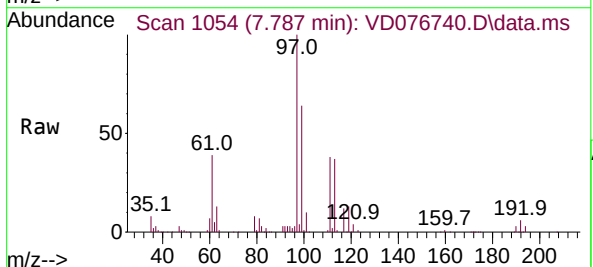
Manual Integrations
APPROVED

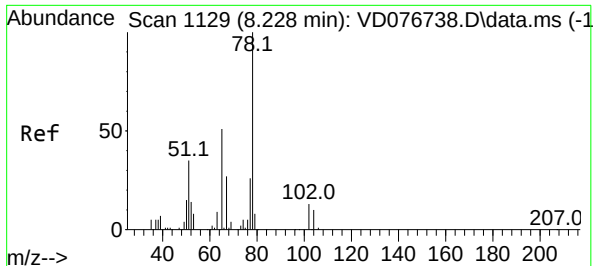
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#32
1,1,1-Trichloroethane
Concen: 146.870 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Tgt Ion: 97 Resp: 571421
Ion Ratio Lower Upper
97 100
99 64.4 52.0 78.0
61 40.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 135.275 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 65 Resp: 286230

Ion Ratio Lower Upper

65 100

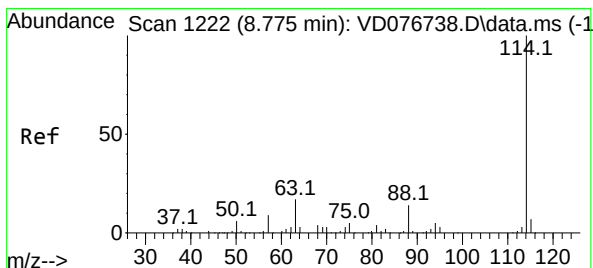
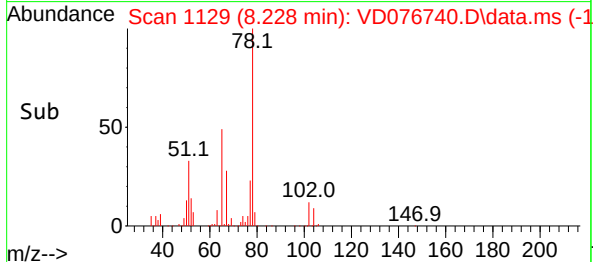
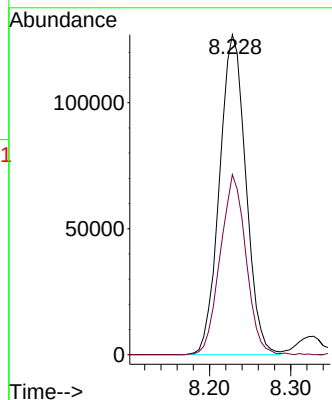
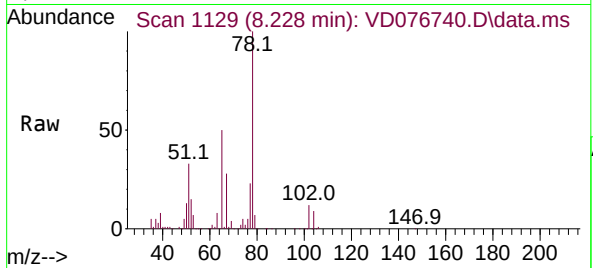
67 55.1 0.0 115.0

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: VD076740.D

Acq: 14 Jul 2023 14:17

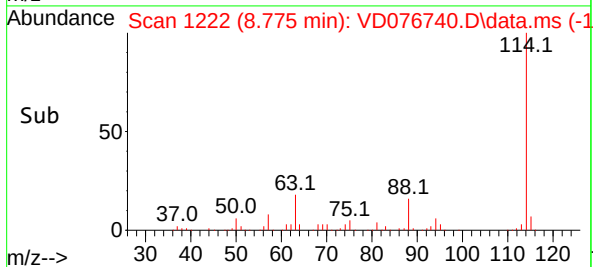
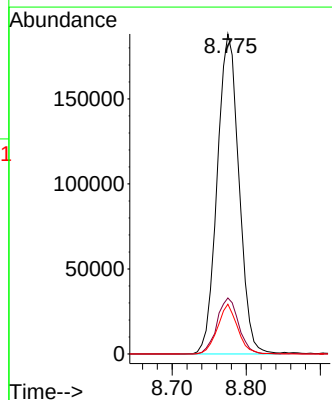
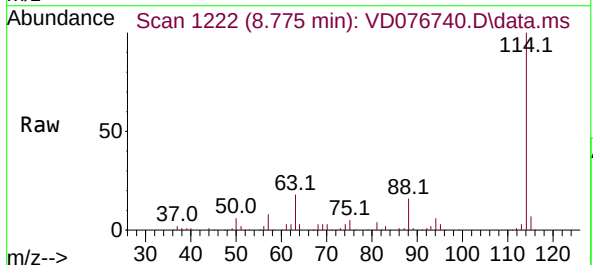
Tgt Ion:114 Resp: 382966

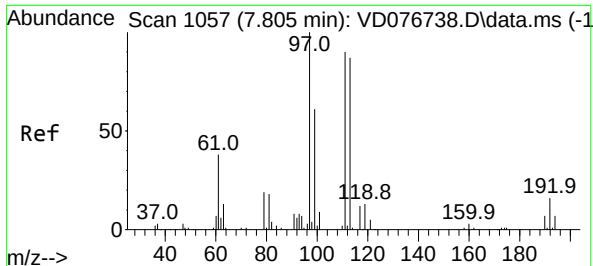
Ion Ratio Lower Upper

114 100

63 17.5 0.0 33.4

88 15.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 136.148 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion:113 Resp: 32765

Ion Ratio Lower Upper

113 100

111 105.0 84.7 127.1

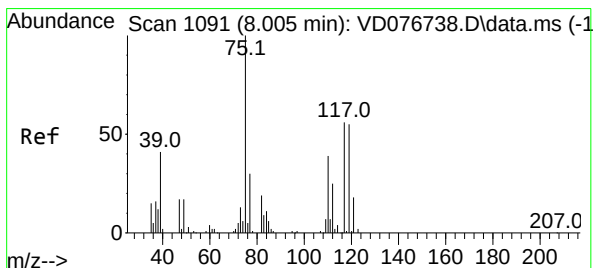
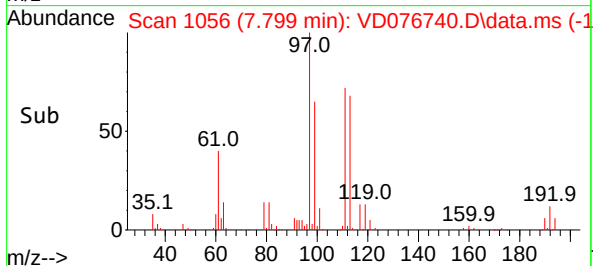
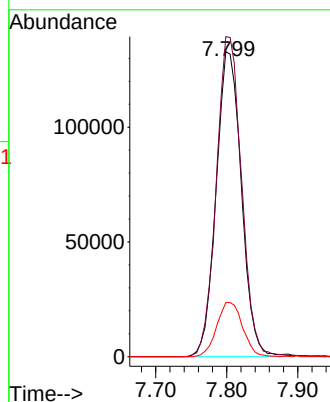
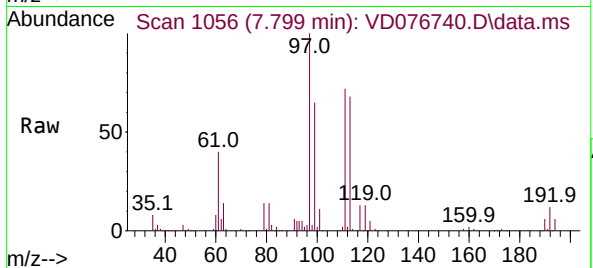
192 18.2 16.8 25.2

Manual Integrations

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Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#36

1,1-Dichloropropene

Concen: 148.370 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

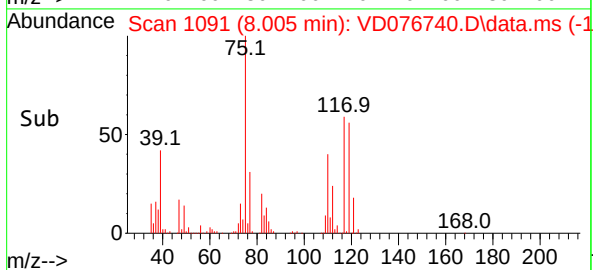
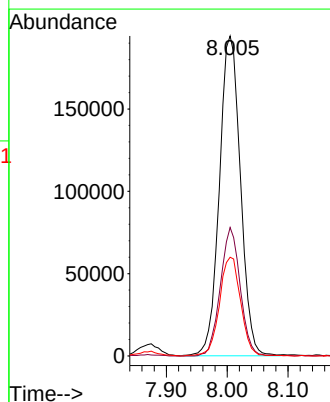
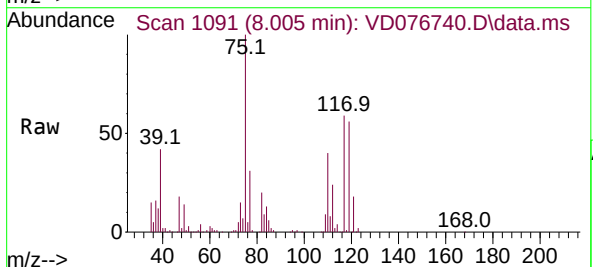
Tgt Ion: 75 Resp: 466585

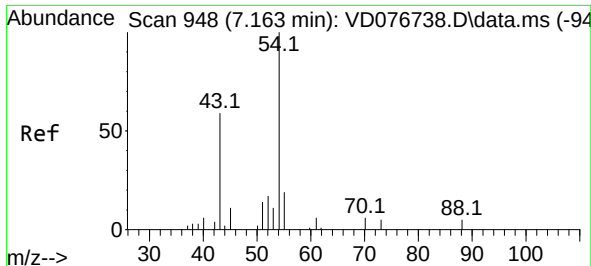
Ion Ratio Lower Upper

75 100

110 37.9 19.9 59.6

77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 141.505 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion: 43 Resp: 199008

Ion Ratio Lower Upper

43 100

61 16.0 14.9 22.3

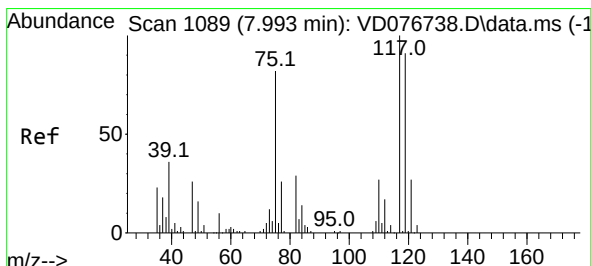
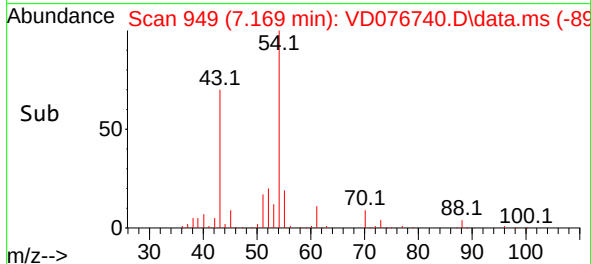
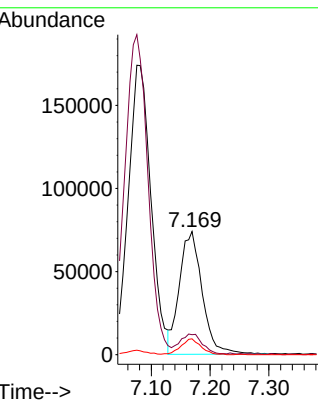
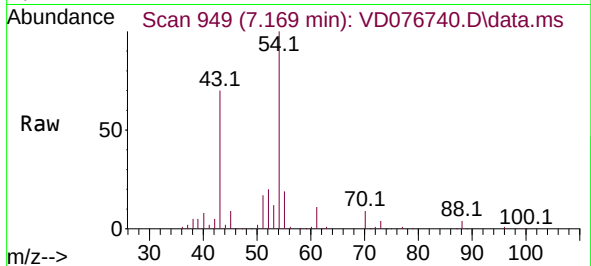
70 11.4 10.0 15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#38

Carbon Tetrachloride

Concen: 155.263 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

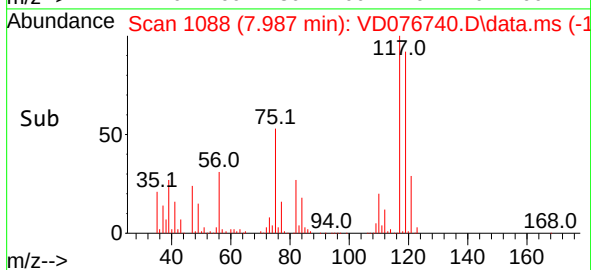
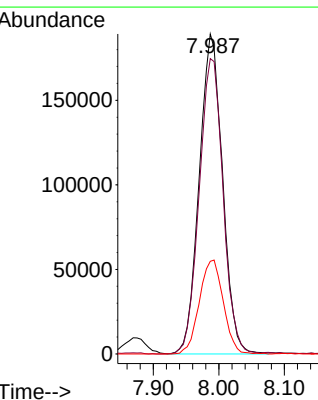
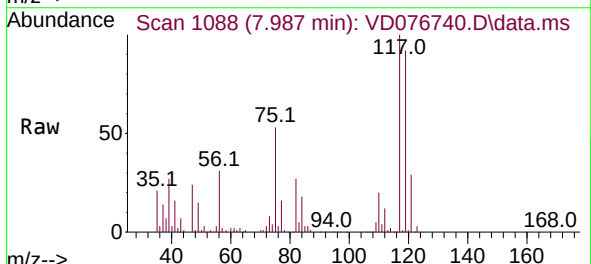
Tgt Ion:117 Resp: 467522

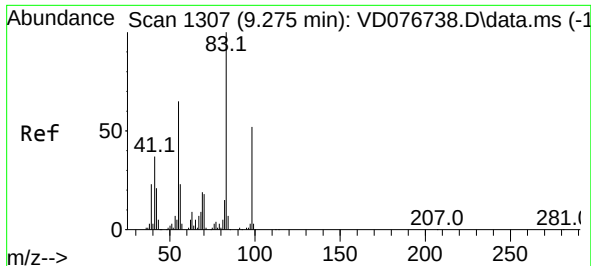
Ion Ratio Lower Upper

117 100

119 92.2 78.0 117.0

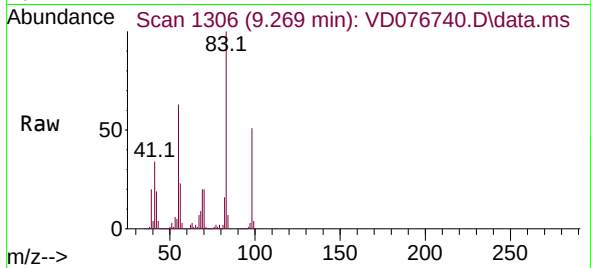
121 29.0 24.2 36.2





#39
Methylcyclohexane
Concen: 155.770 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

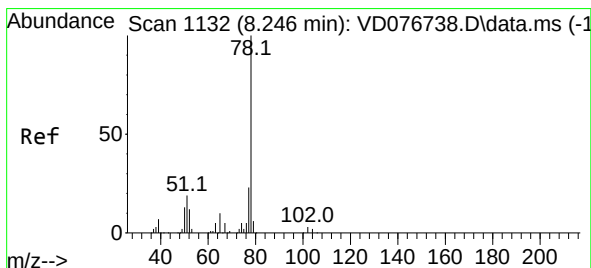
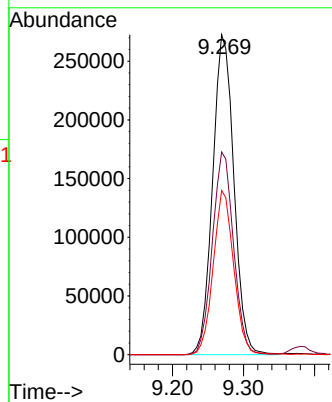
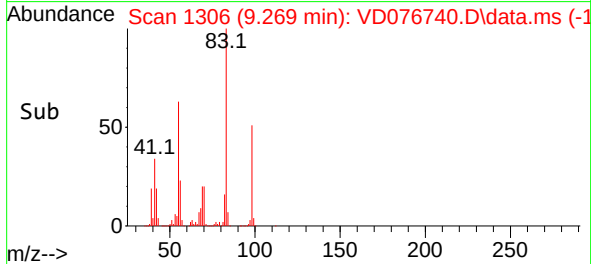
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 83 Resp: 56562
Ion Ratio Lower Upper
83 100
55 63.3 49.4 74.0
98 51.3 38.4 57.6

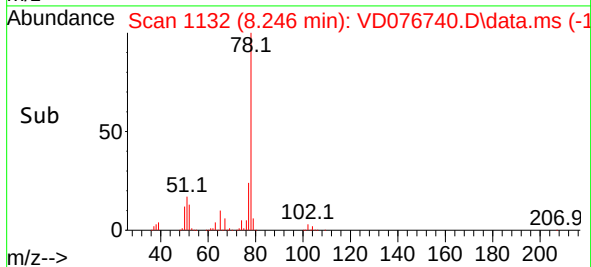
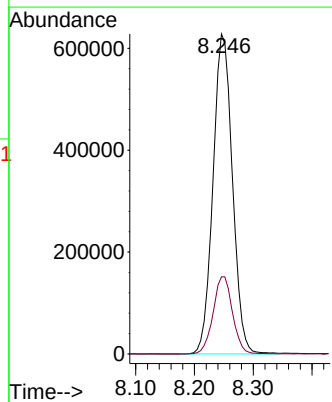
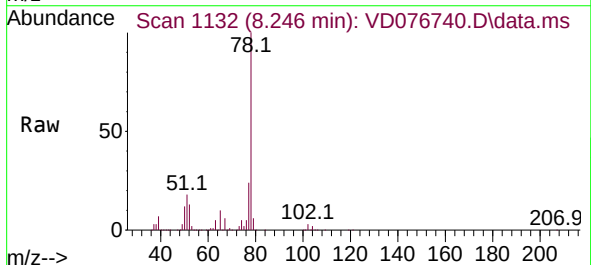
Manual Integrations
APPROVED

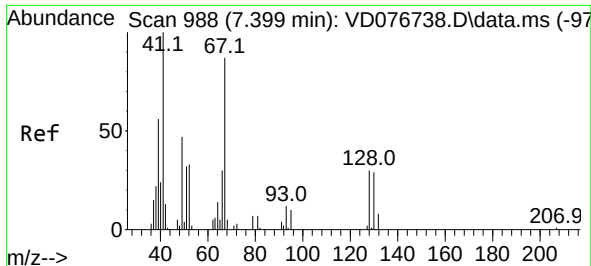
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#40
Benzene
Concen: 145.422 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

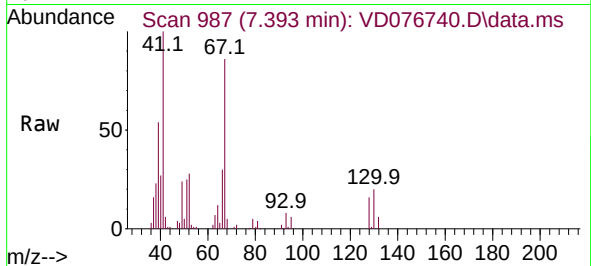
Tgt Ion: 78 Resp: 1442939
Ion Ratio Lower Upper
78 100
77 24.1 19.4 29.0





#41
Methacrylonitrile
Concen: 136.660 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

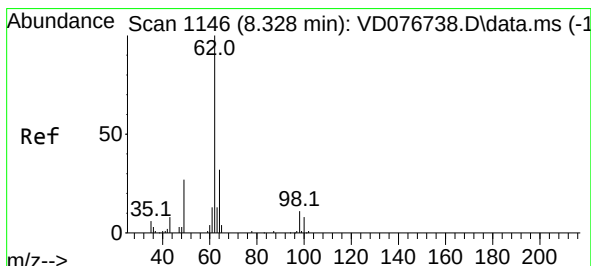
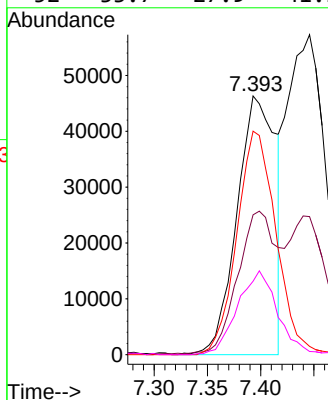
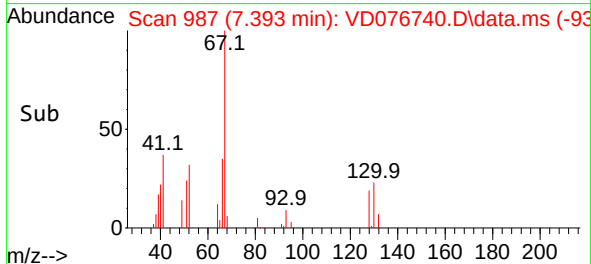
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 41 Resp: 11736
Ion Ratio Lower Upper
41 100
39 59.7 34.0 51.0
67 87.3 77.0 115.4
52 33.7 27.9 41.9

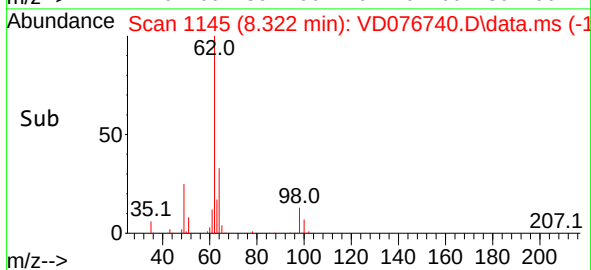
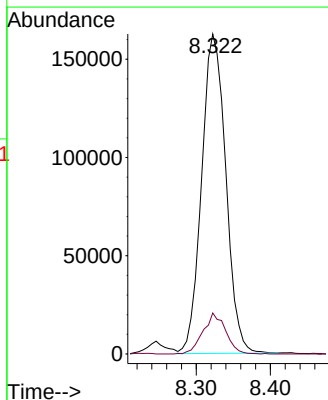
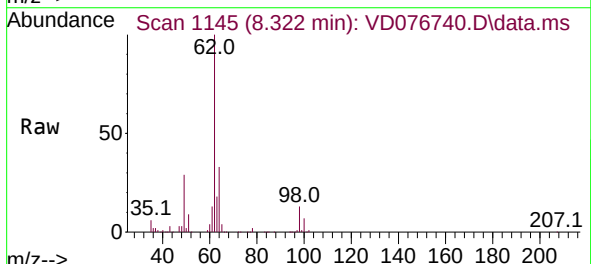
Manual Integrations
APPROVED

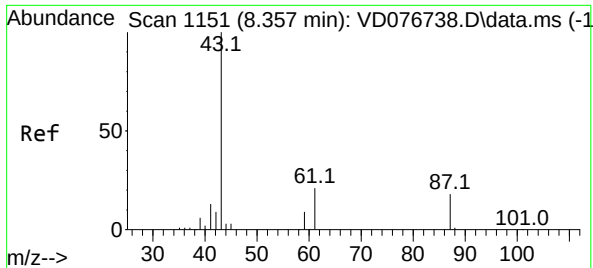
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#42
1,2-Dichloroethane
Concen: 142.867 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

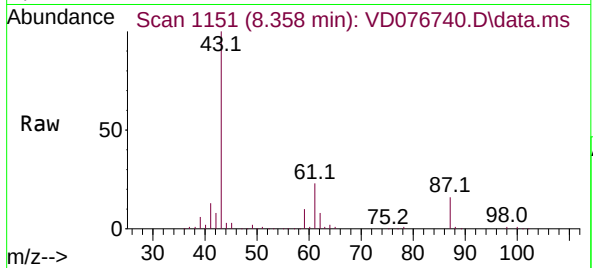
Tgt Ion: 62 Resp: 368333
Ion Ratio Lower Upper
62 100
98 12.0 0.0 25.4





#43
Isopropyl Acetate
Concen: 143.333 ug/l
RT: 8.358 min Scan# 1151
Delta R.T. 0.001 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

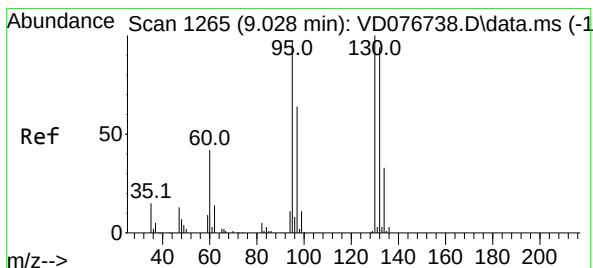
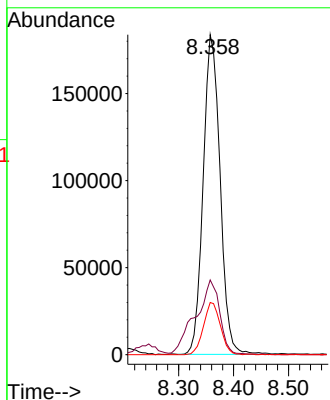
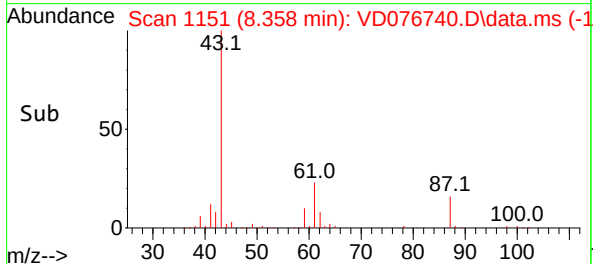
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



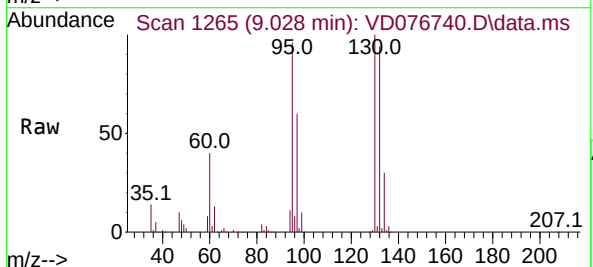
Tgt Ion: 43 Resp: 39340
Ion Ratio Lower Upper
43 100
61 33.1 31.4 47.0
87 16.3 14.9 22.3

Manual Integrations
APPROVED

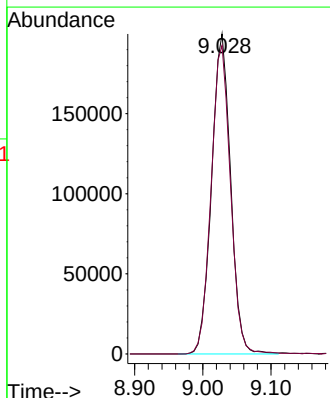
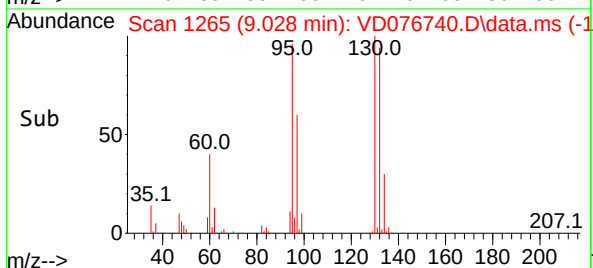
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

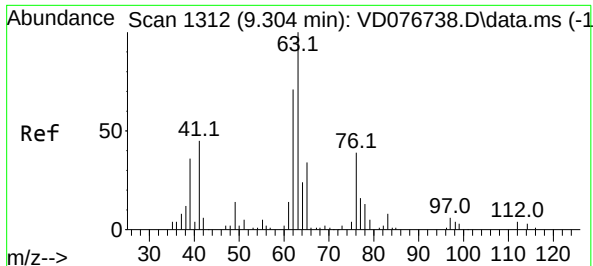


#44
Trichloroethene
Concen: 143.370 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



Tgt Ion:130 Resp: 387654
Ion Ratio Lower Upper
130 100
95 96.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 141.165 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 63 Resp: 361570

Ion Ratio Lower Upper

63 100

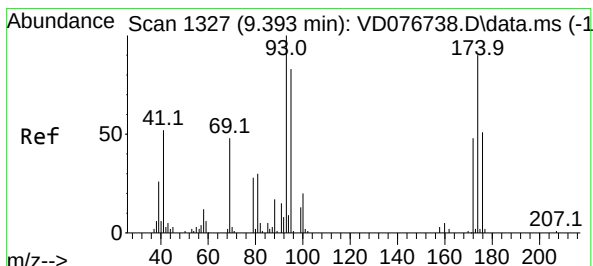
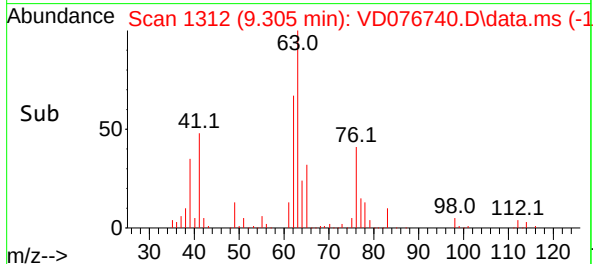
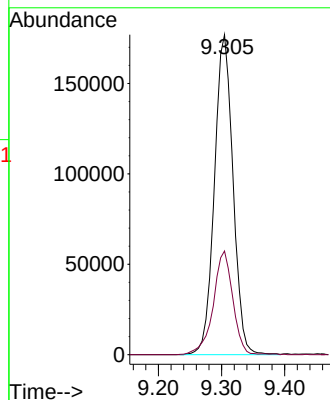
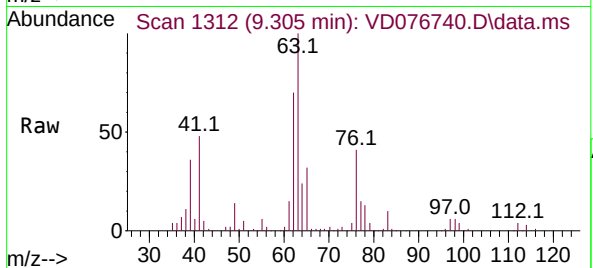
65 32.4 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#46

Dibromomethane

Concen: 143.555 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

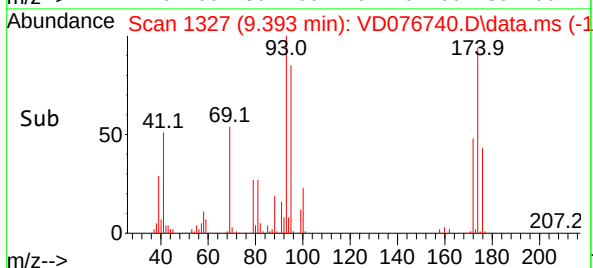
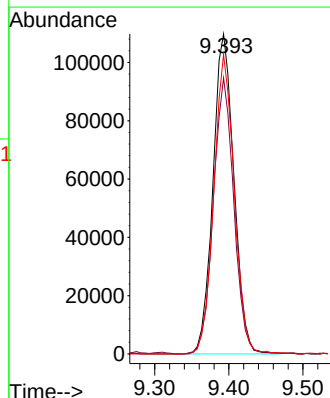
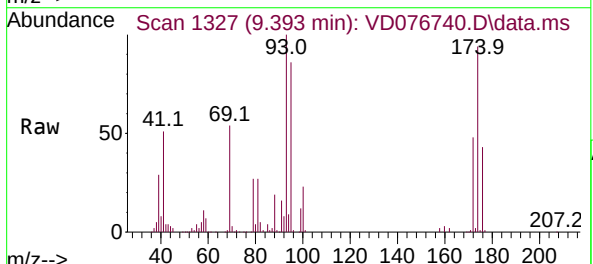
Tgt Ion: 93 Resp: 215225

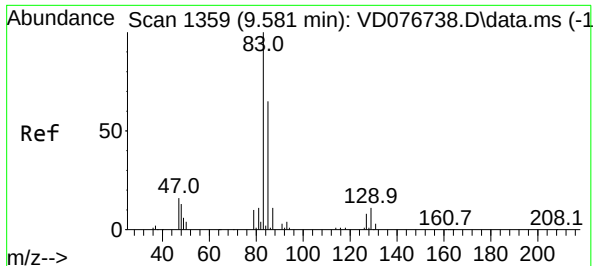
Ion Ratio Lower Upper

93 100

95 84.6 67.7 101.5

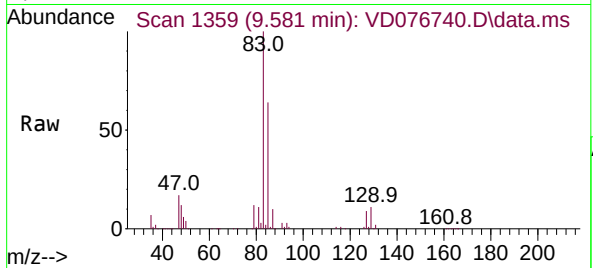
174 91.3 85.4 128.2





#47
Bromodichloromethane
Concen: 141.297 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

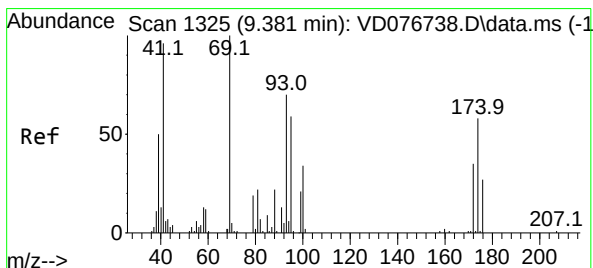
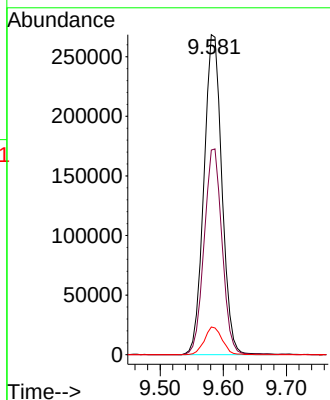
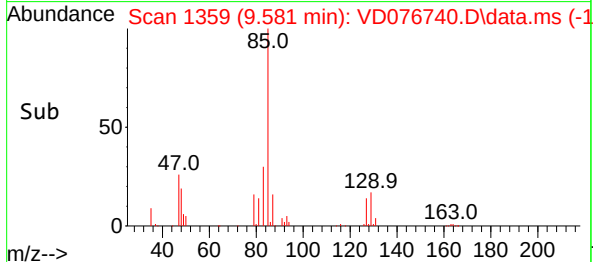
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



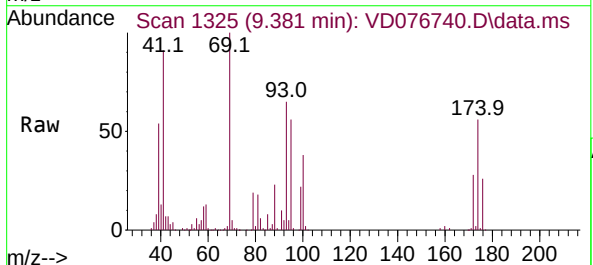
Tgt Ion: 83 Resp: 53160
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 8.7 6.3 9.5

Manual Integrations
APPROVED

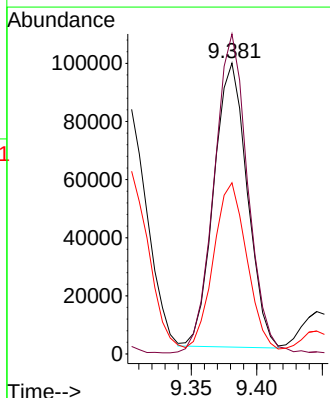
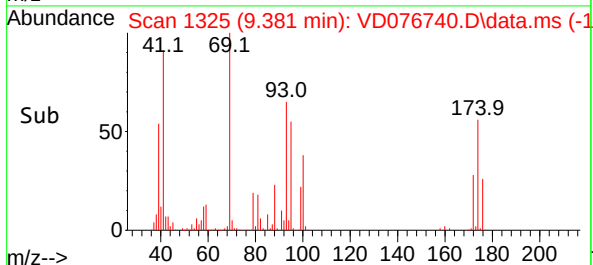
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

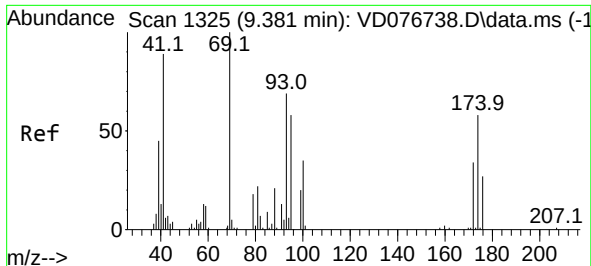


#48
Methyl methacrylate
Concen: 138.687 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



Tgt Ion: 41 Resp: 173247
Ion Ratio Lower Upper
41 100
69 115.0 102.2 153.2
39 61.1 41.4 62.2





#49

1,4-Dioxane

Concen: 2862.152 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

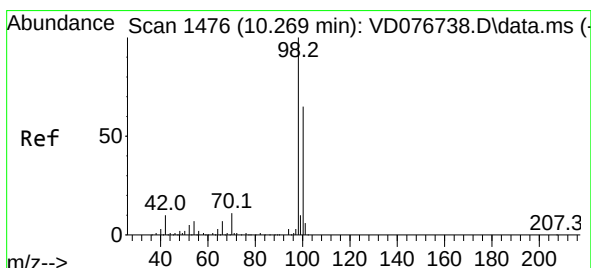
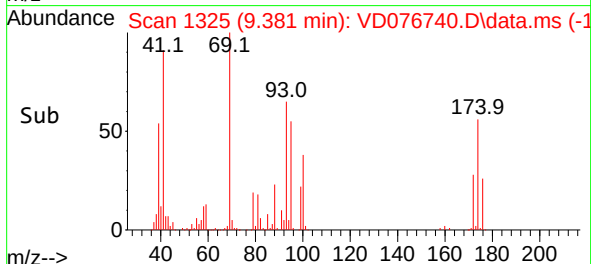
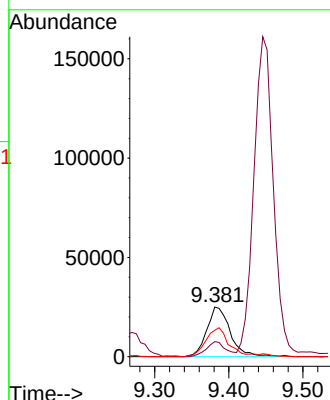
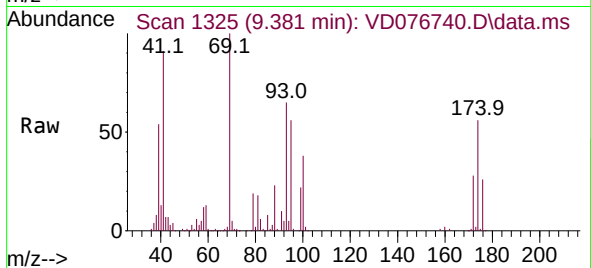
Tgt Ion:	88	Resp:	54978
Ion Ratio	Lower	Upper	
88	100		
43	25.7	19.0	28.6
58	57.8	43.5	65.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#50

Toluene-d8

Concen: 139.108 ug/l

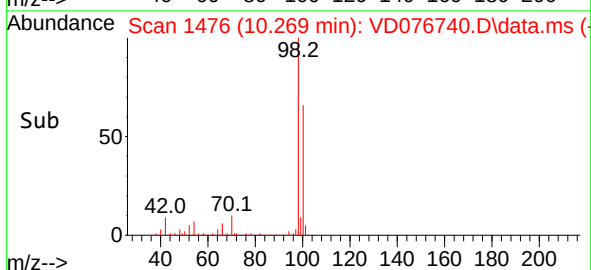
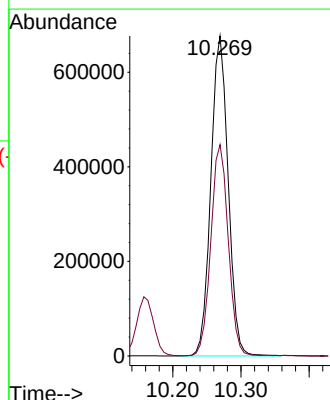
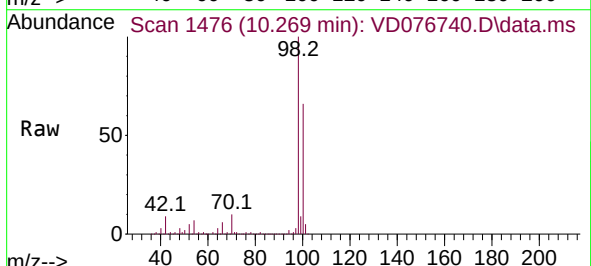
RT: 10.269 min Scan# 1476

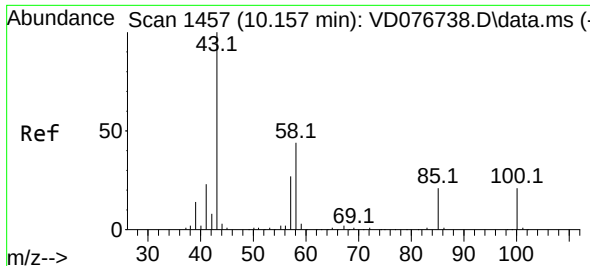
Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

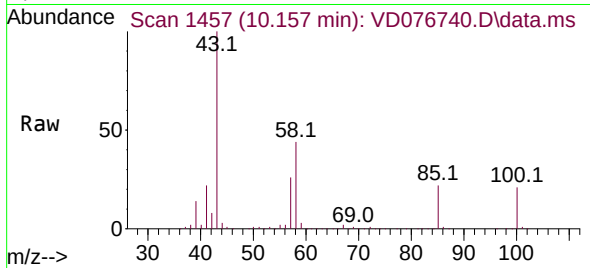
Tgt Ion:	98	Resp:	1197621
Ion Ratio	Lower	Upper	
98	100		
100	66.3	50.3	75.5





#51
4-Methyl-2-Pentanone
Concen: 712.497 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

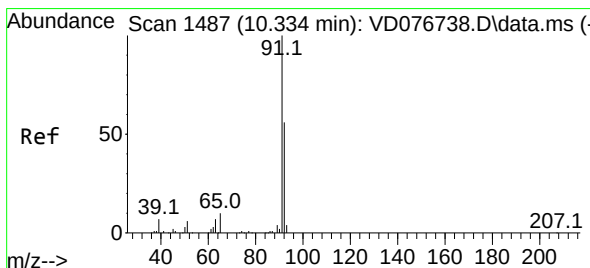
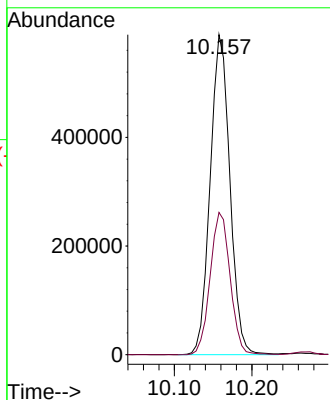
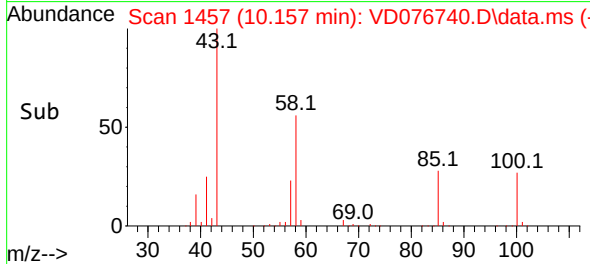
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



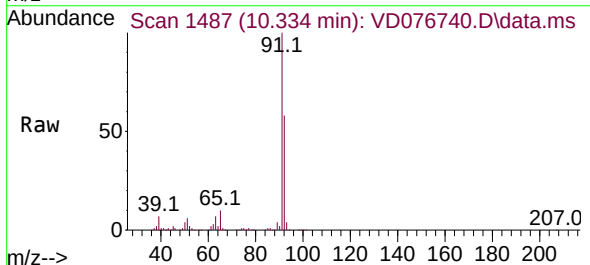
Tgt Ion: 43 Resp: 1041204
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3

Manual Integrations
APPROVED

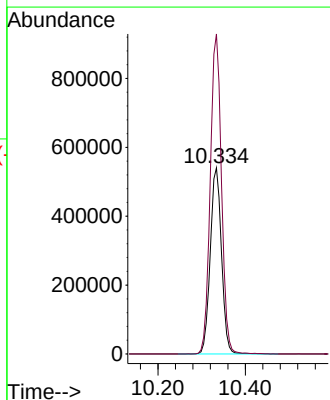
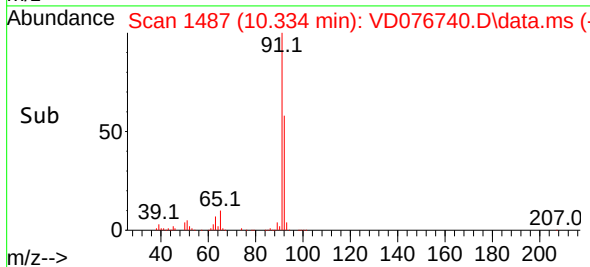
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

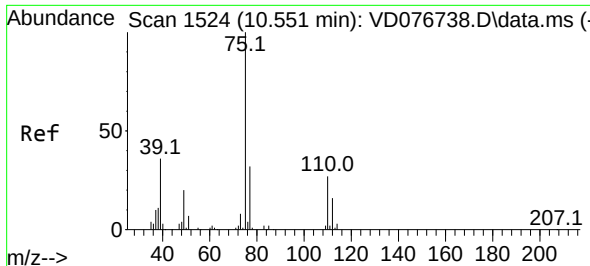


#52
Toluene
Concen: 148.310 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



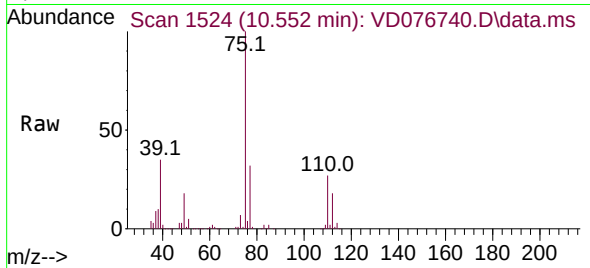
Tgt Ion: 92 Resp: 966521
Ion Ratio Lower Upper
92 100
91 171.2 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 149.001 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

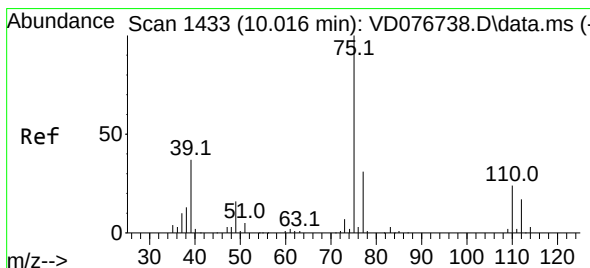
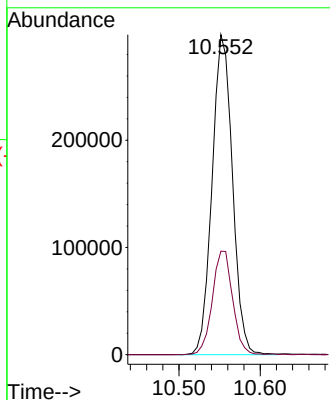
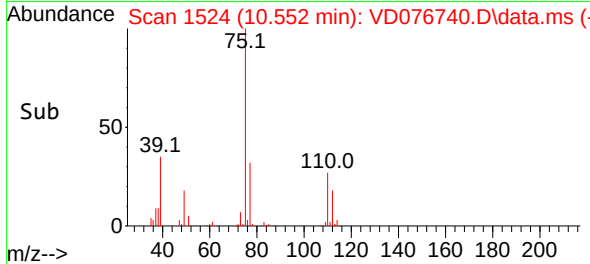
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 75 Resp: 520329
Ion Ratio Lower Upper
75 100
77 32.3 25.3 37.9

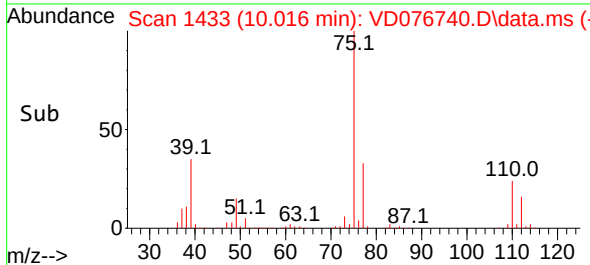
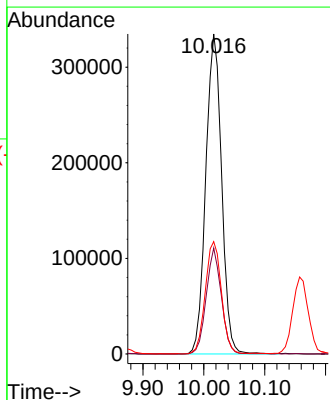
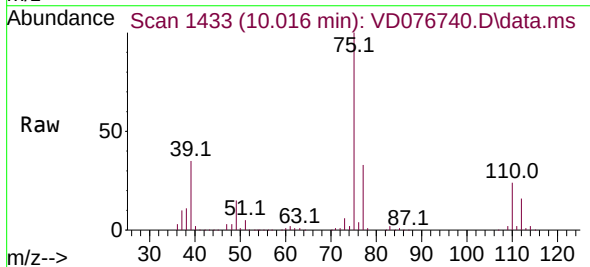
Manual Integrations
APPROVED

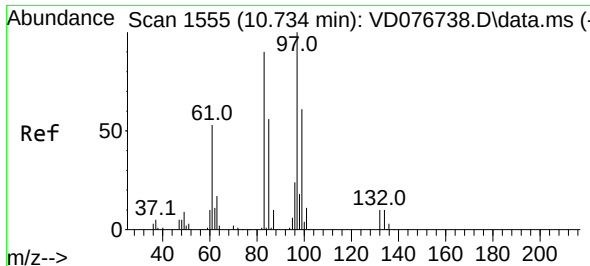
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#54
cis-1,3-Dichloropropene
Concen: 146.914 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

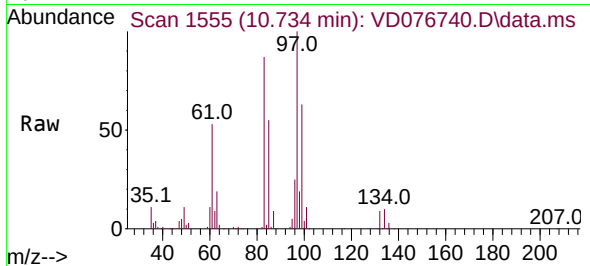
Tgt Ion: 75 Resp: 604647
Ion Ratio Lower Upper
75 100
77 33.1 25.5 38.3
39 35.0 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 141.521 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

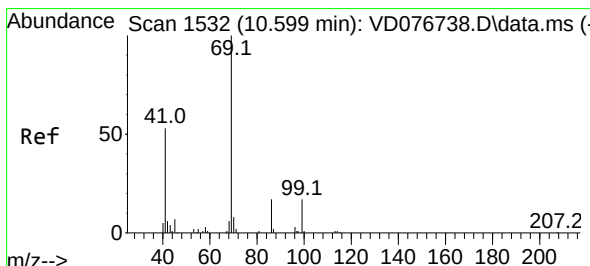
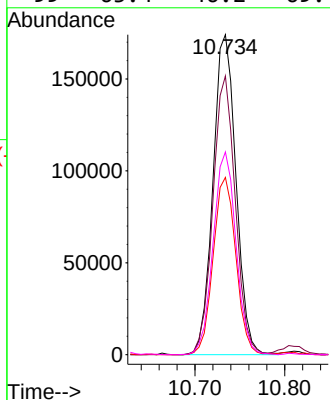
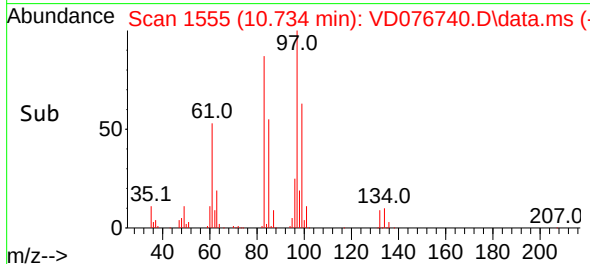
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



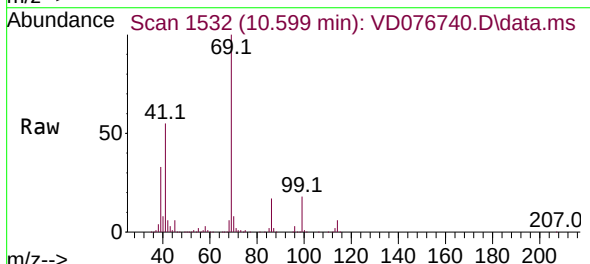
Tgt Ion:	97	Resp:	30983
Ion Ratio	100	Lower	Upper
97	100		
83	87.1	65.8	98.6
85	55.4	45.7	68.5
99	63.4	46.2	69.4

Manual Integrations
APPROVED

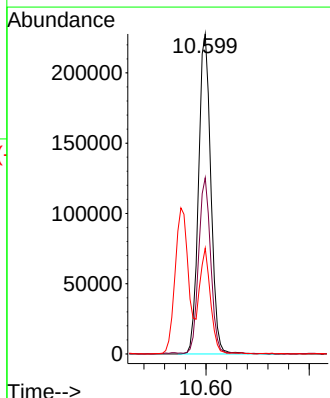
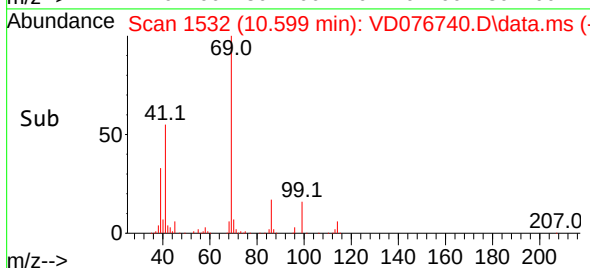
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

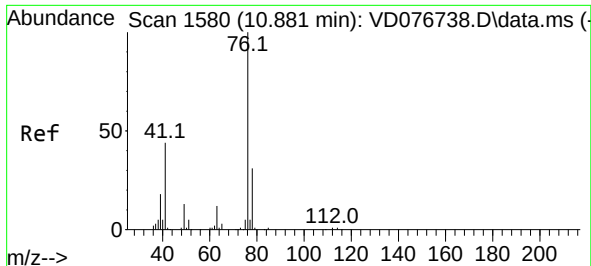


#56
Ethyl methacrylate
Concen: 148.511 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



Tgt Ion:	69	Resp:	375269
Ion Ratio	100	Lower	Upper
69	100		
41	53.6	39.1	58.7
39	28.1	20.0	30.0





#57

1,3-Dichloropropane

Concen: 142.400 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC150

Tgt Ion: 76 Resp: 50770

Ion Ratio Lower Upper

76 100

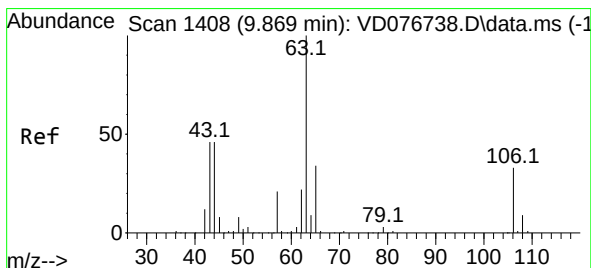
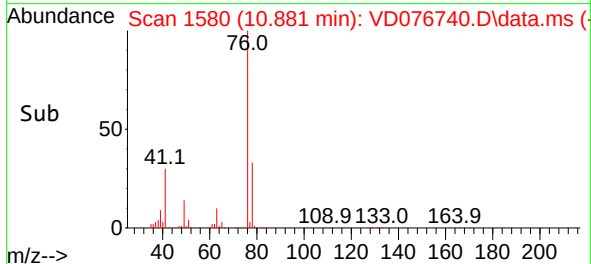
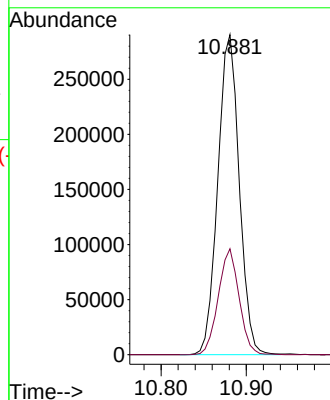
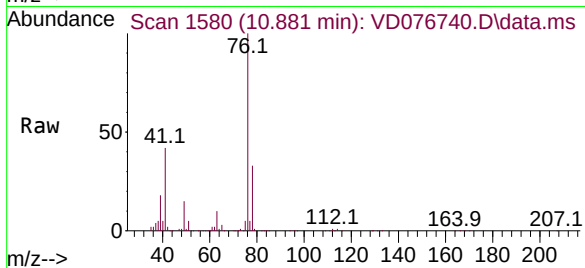
78 32.1 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 715.140 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076740.D

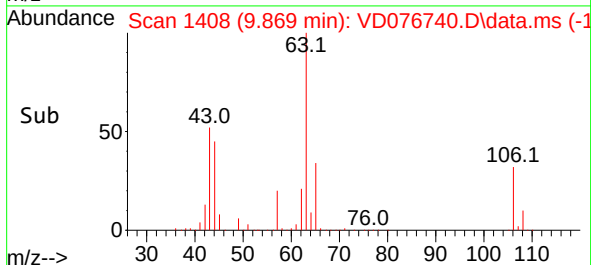
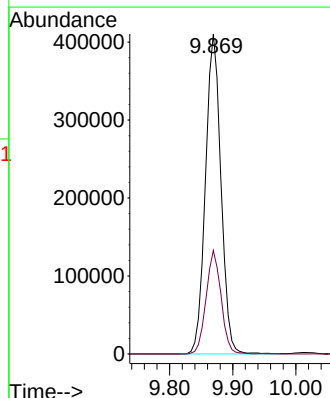
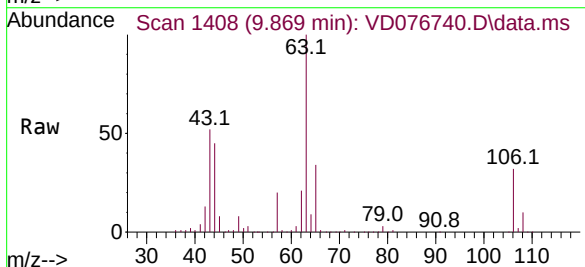
Acq: 14 Jul 2023 14:17

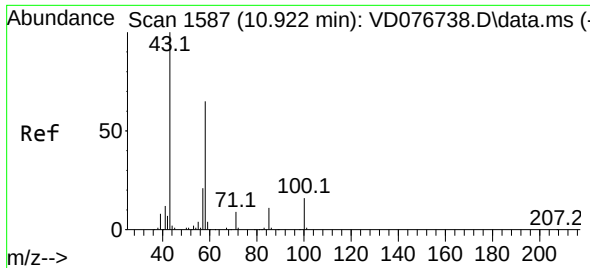
Tgt Ion: 63 Resp: 699479

Ion Ratio Lower Upper

63 100

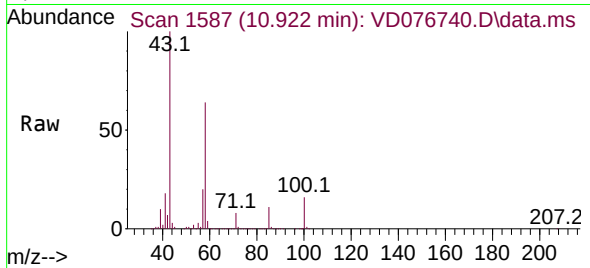
106 31.3 25.3 37.9





#59
2-Hexanone
Concen: 707.429 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

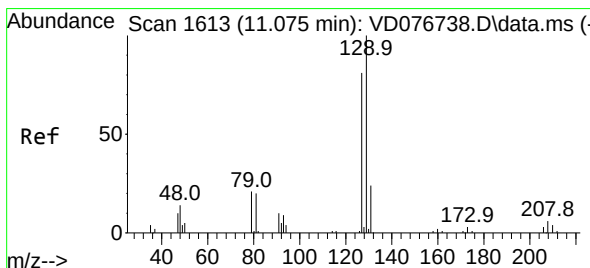
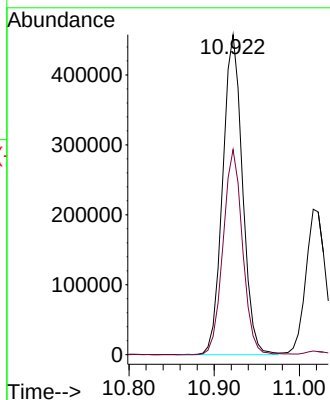
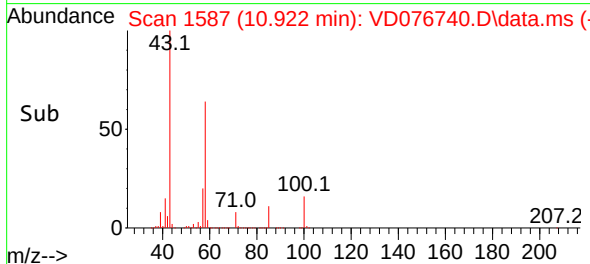
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



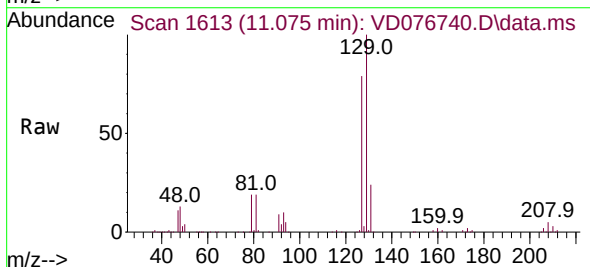
Tgt Ion: 43 Resp: 737658
Ion Ratio Lower Upper
43 100
58 63.1 34.1 102.2

Manual Integrations
APPROVED

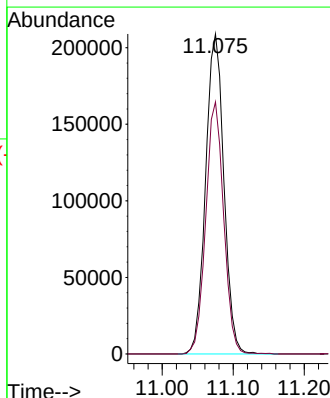
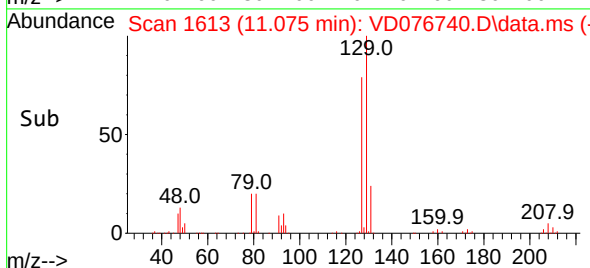
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

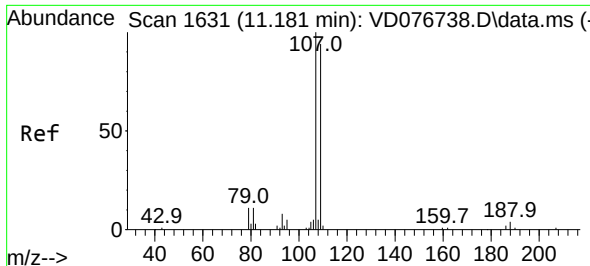


#60
Dibromochloromethane
Concen: 146.831 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



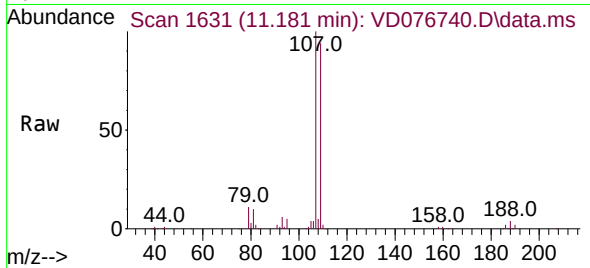
Tgt Ion:129 Resp: 373437
Ion Ratio Lower Upper
129 100
127 77.2 37.1 111.5





#61
1,2-Dibromoethane
Concen: 141.460 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

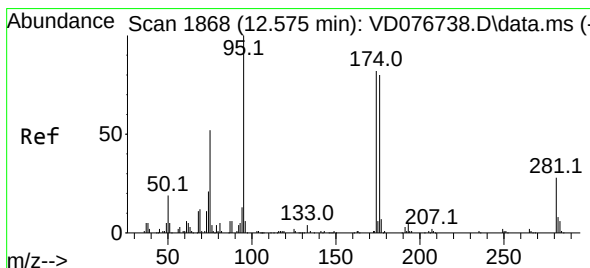
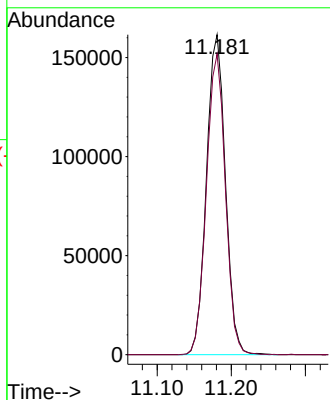
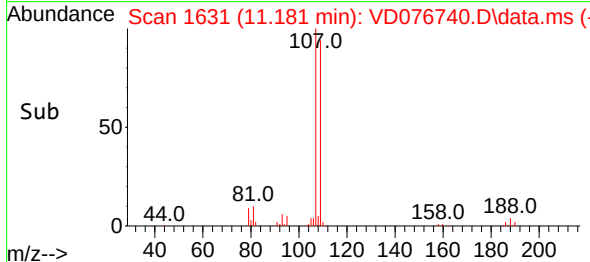
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:107 Resp: 28712
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4

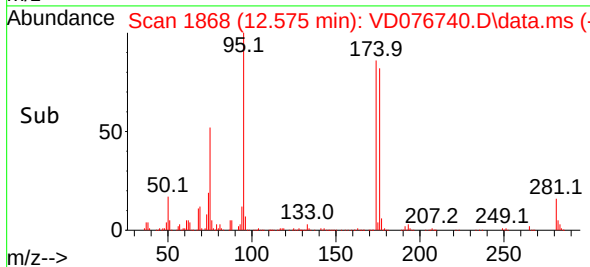
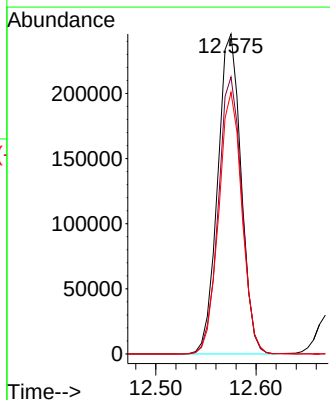
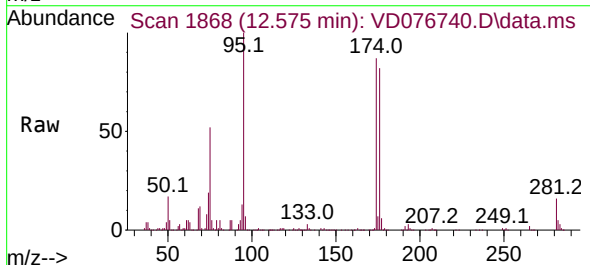
Manual Integrations
APPROVED

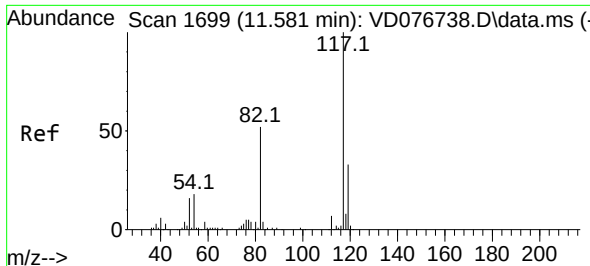
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#62
4-Bromofluorobenzene
Concen: 142.790 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

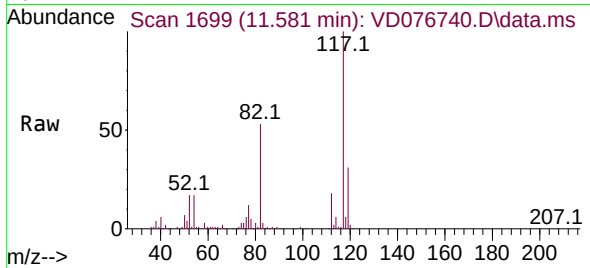
Tgt Ion: 95 Resp: 397686
Ion Ratio Lower Upper
95 100
174 86.6 0.0 201.8
176 81.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

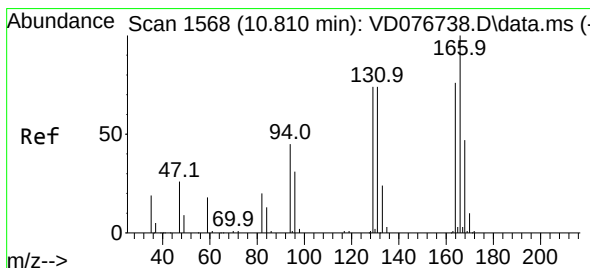
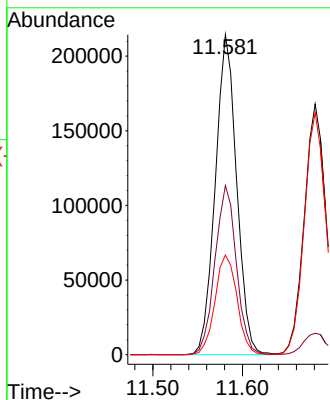
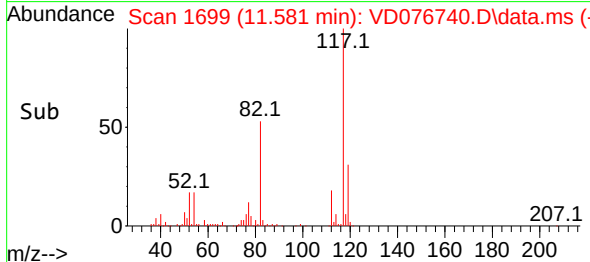
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



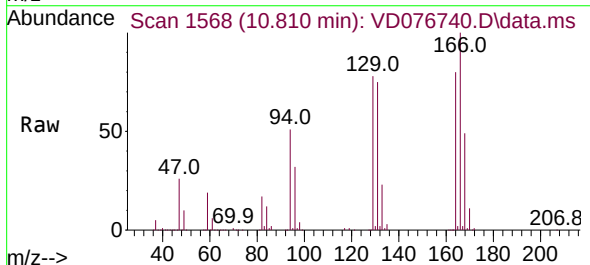
Tgt Ion:117 Resp: 35474
Ion Ratio Lower Upper
117 100
82 52.9 38.3 57.5
119 31.2 25.0 37.4

Manual Integrations
APPROVED

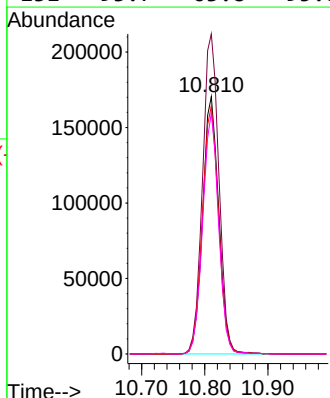
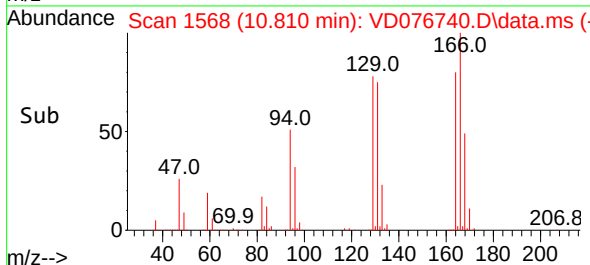
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

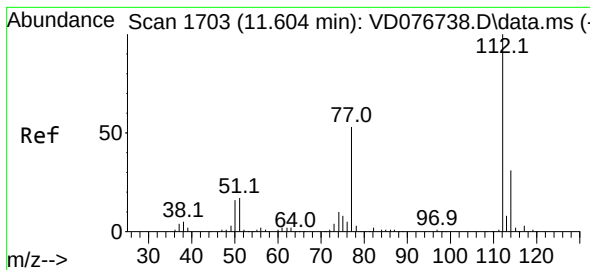


#64
Tetrachloroethene
Concen: 149.169 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



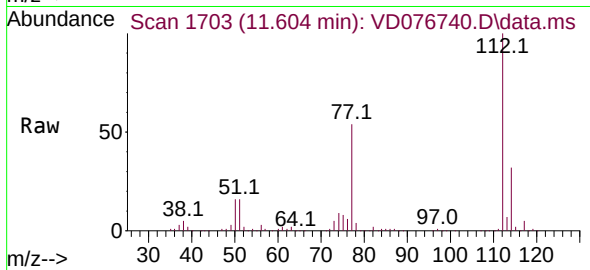
Tgt Ion:164 Resp: 301744
Ion Ratio Lower Upper
164 100
166 124.4 99.2 148.8
129 96.4 68.4 102.6
131 93.7 63.8 95.8





#65
Chlorobenzene
Concen: 147.881 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

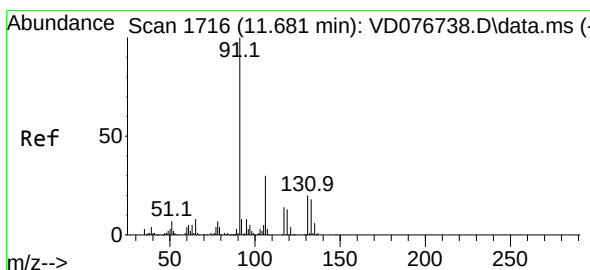
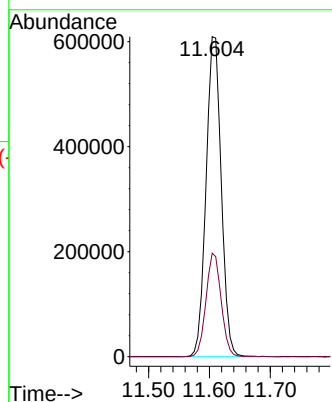
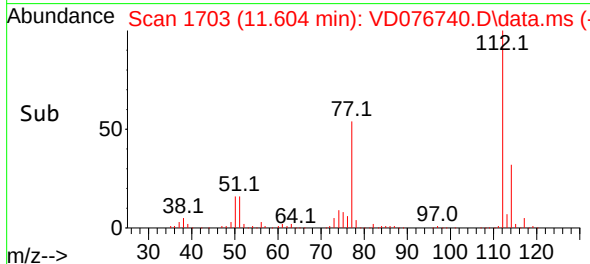
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion:112 Resp: 1055085
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7

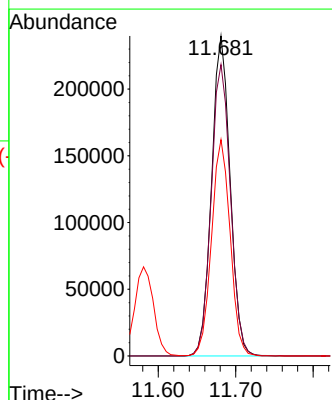
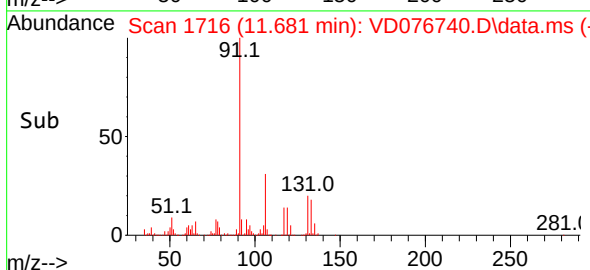
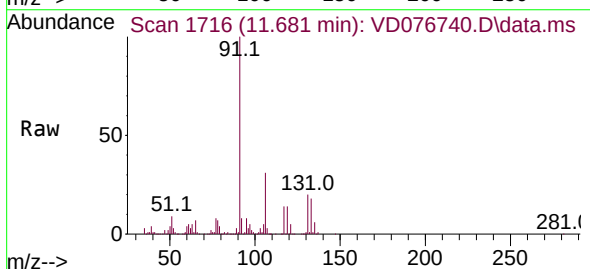
Manual Integrations
APPROVED

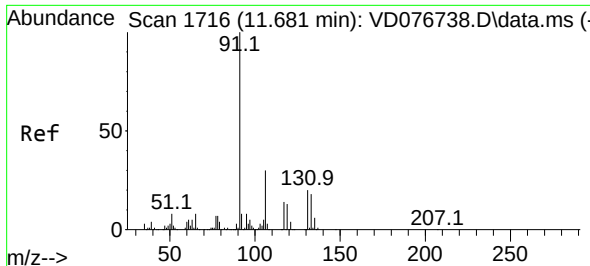
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 150.242 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

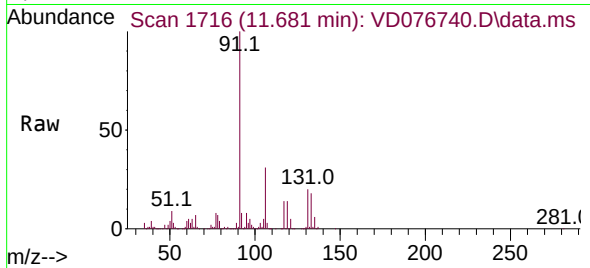
Tgt Ion:131 Resp: 399085
Ion Ratio Lower Upper
131 100
133 94.7 48.5 145.5
119 67.9 35.6 106.9





#67
Ethyl Benzene
Concen: 154.488 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

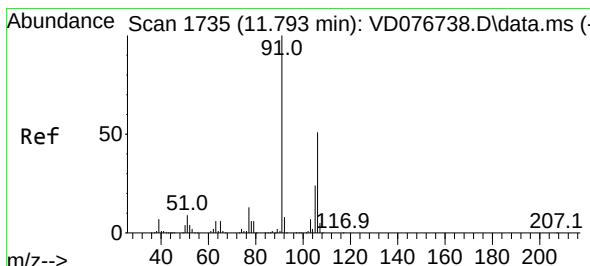
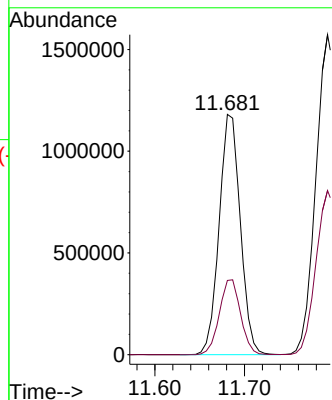
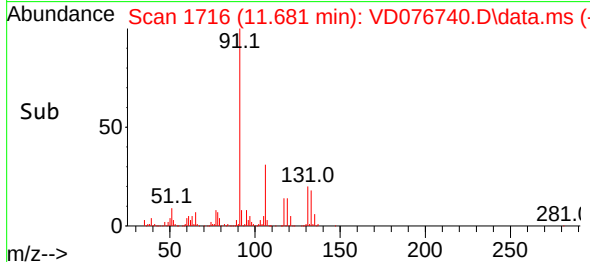
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



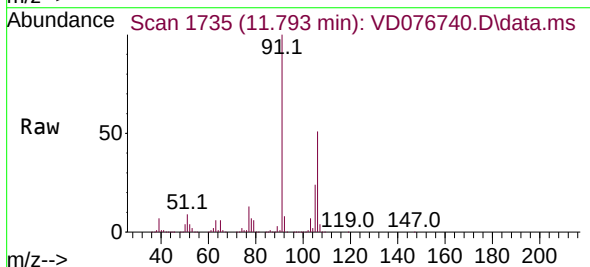
Tgt Ion: 91 Resp: 193573
Ion Ratio Lower Upper
91 100
106 30.9 26.5 39.7

Manual Integrations
APPROVED

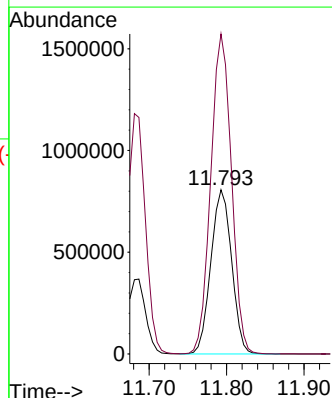
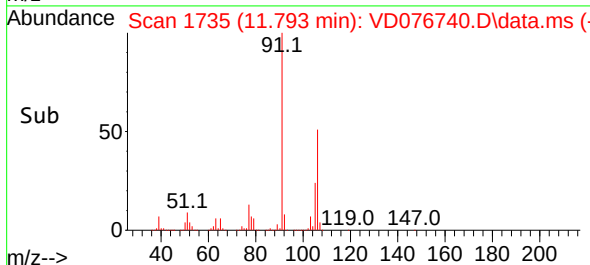
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

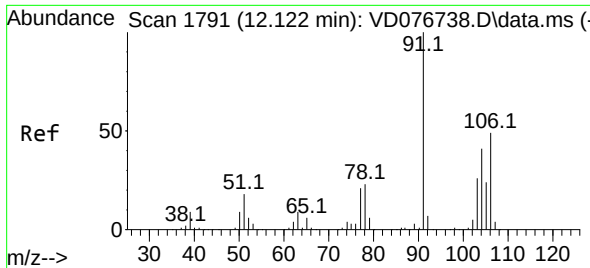


#68
m/p-Xylenes
Concen: 311.985 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



Tgt Ion:106 Resp: 1501344
Ion Ratio Lower Upper
106 100
91 194.2 147.0 220.6





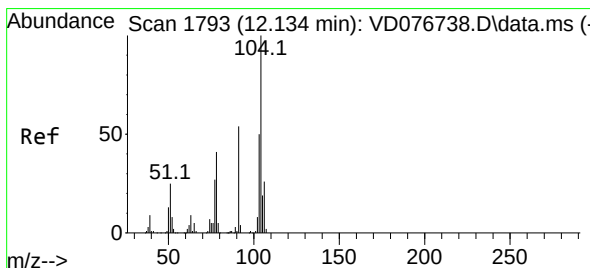
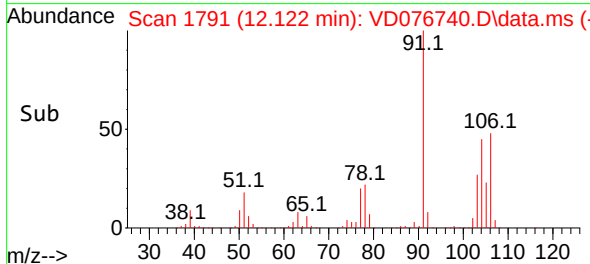
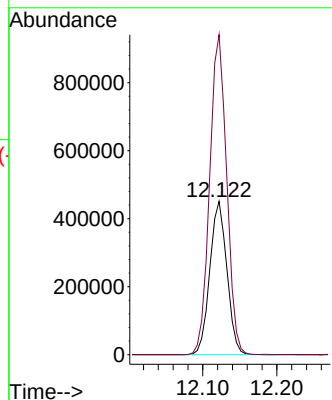
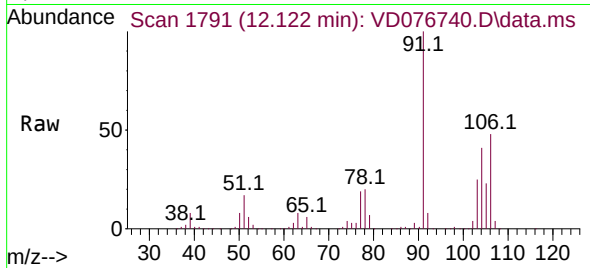
#69
o-Xylene
Concen: 154.947 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion:106 Resp: 721049
Ion Ratio Lower Upper
106 100
91 208.5 97.9 293.6

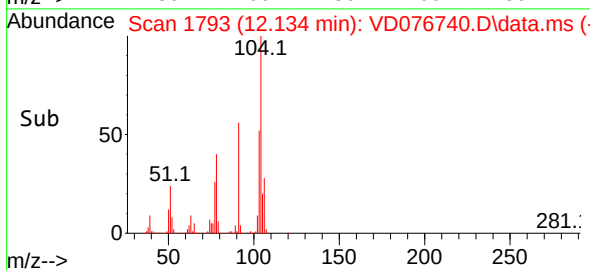
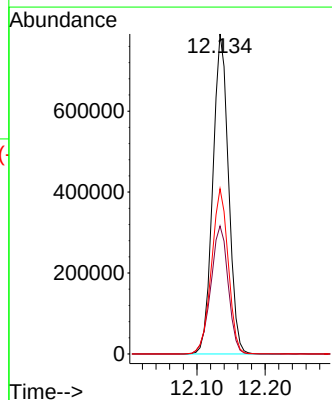
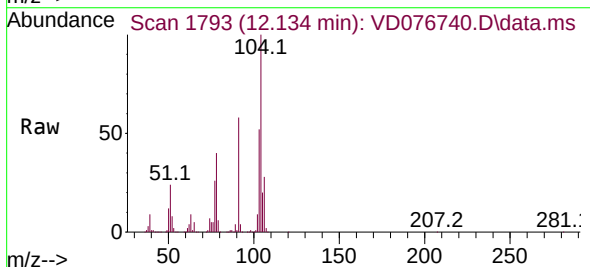
Manual Integrations
APPROVED

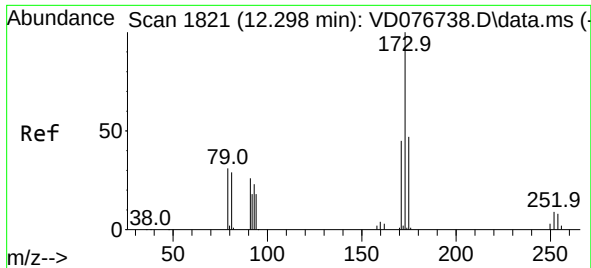
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
Styrene
Concen: 155.501 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

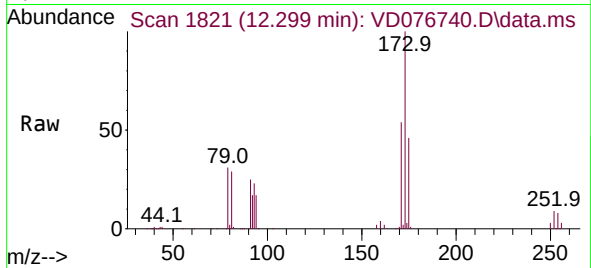
Tgt Ion:104 Resp: 1266751
Ion Ratio Lower Upper
104 100
78 44.1 33.2 49.8
103 54.9 43.6 65.4





#71
Bromoform
Concen: 150.006 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

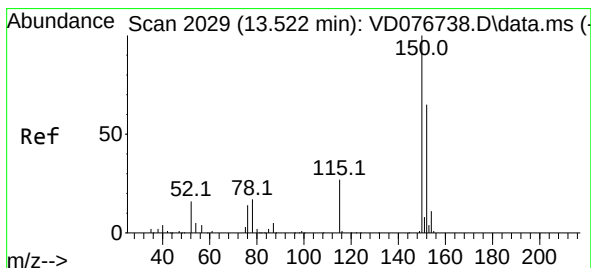
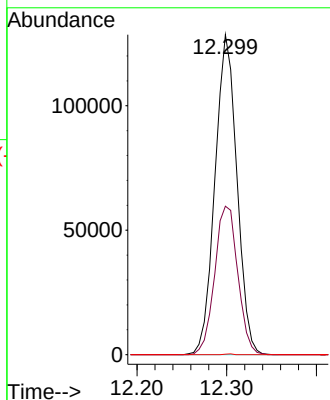
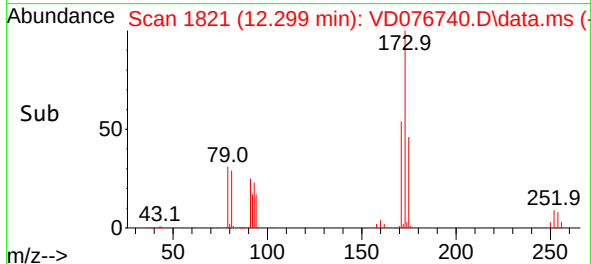
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



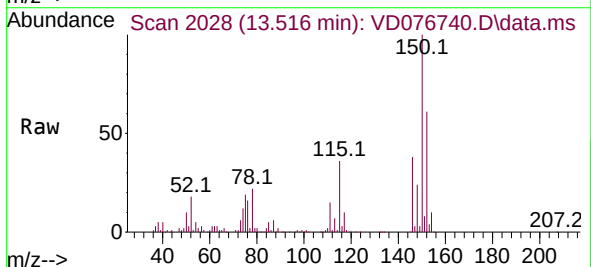
Tgt Ion:173 Resp: 218230
Ion Ratio Lower Upper
173 100
175 48.9 24.6 73.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

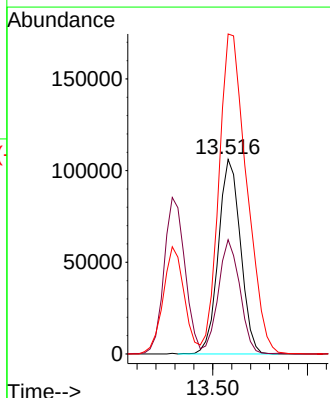
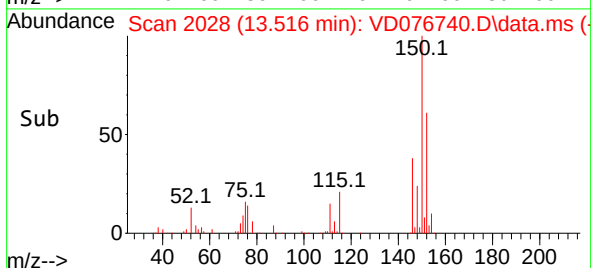
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

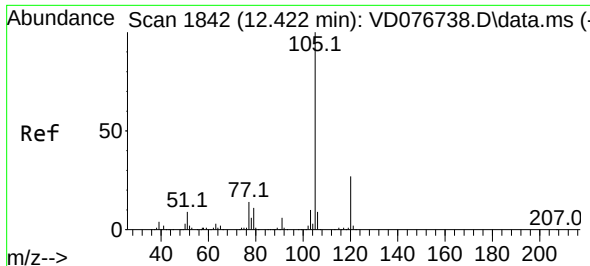


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



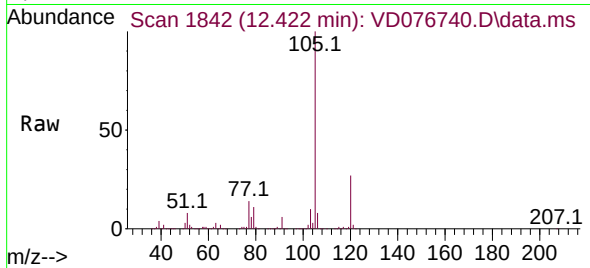
Tgt Ion:152 Resp: 172295
Ion Ratio Lower Upper
152 100
115 57.4 27.1 81.3
150 205.7 0.0 353.6





#73
Isopropylbenzene
Concen: 151.235 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

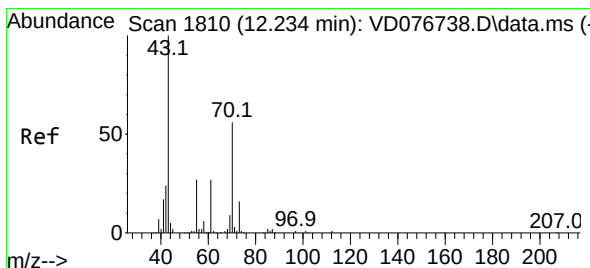
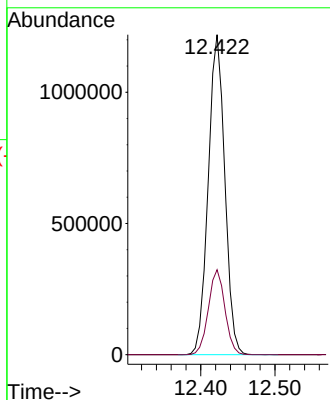
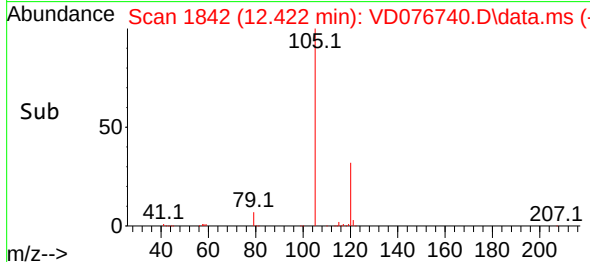
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



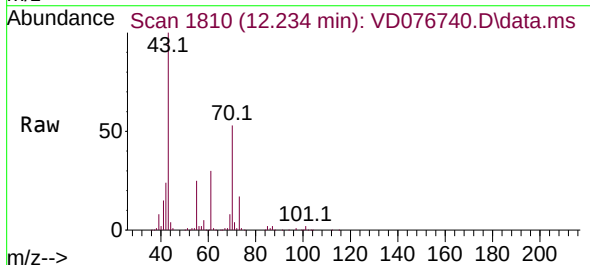
Tgt Ion:105 Resp: 1890490
Ion Ratio Lower Upper
105 100
120 26.5 14.3 42.9

Manual Integrations
APPROVED

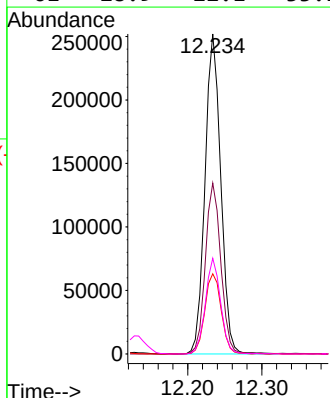
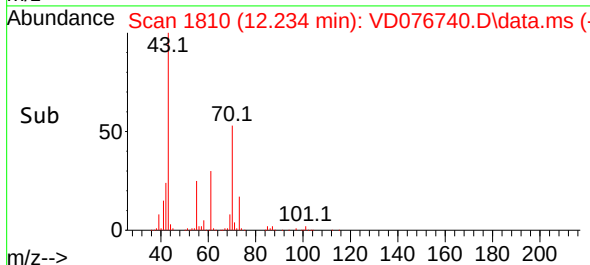
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

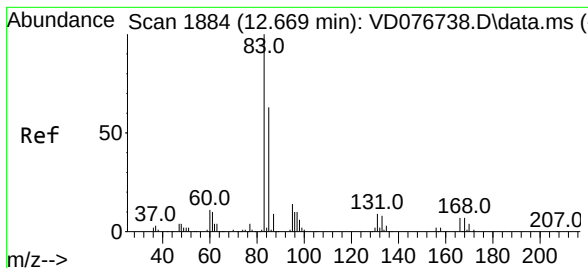


#74
N-ethyl acetate
Concen: 141.832 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



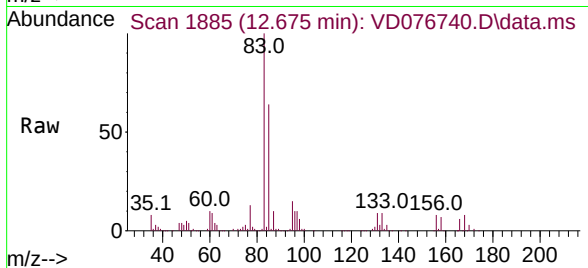
Tgt Ion: 43 Resp: 373508
Ion Ratio Lower Upper
43 100
70 52.2 45.0 67.4
55 25.9 23.8 35.6
61 28.9 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 136.786 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

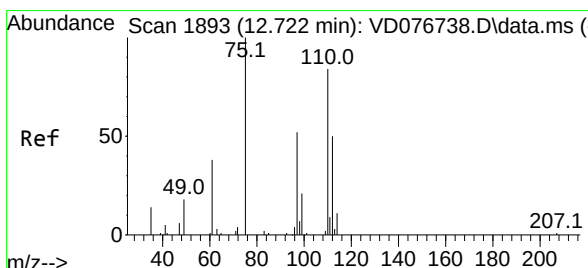
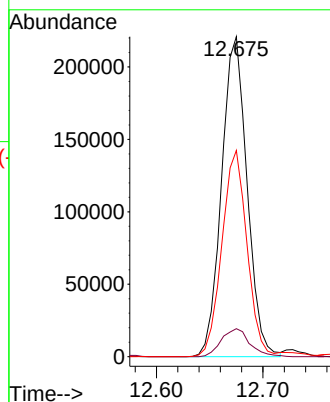
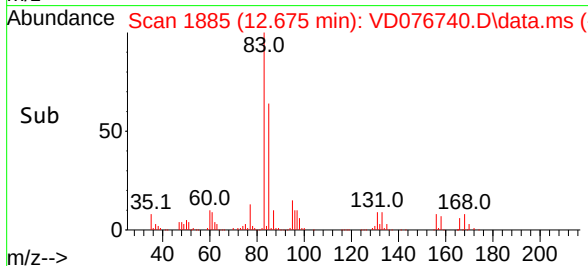
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



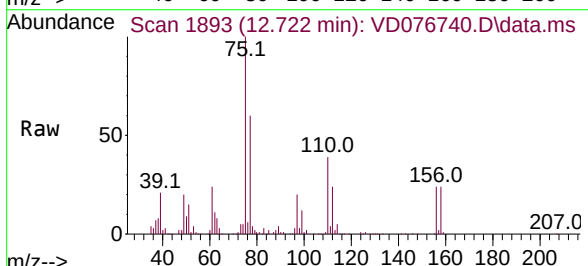
Tgt Ion: 83 Resp: 36712
Ion Ratio Lower Upper
83 100
131 9.8 5.1 15.3
85 63.8 32.6 97.8

Manual Integrations
APPROVED

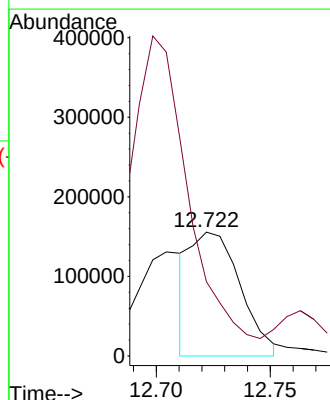
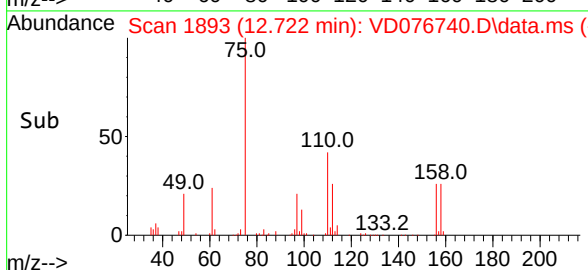
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

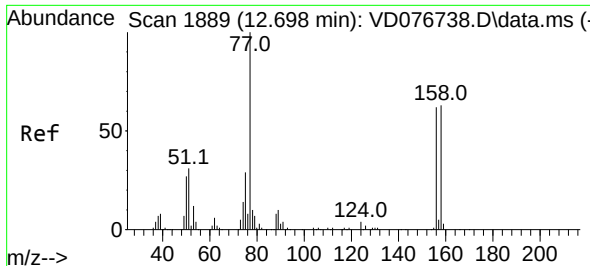


#76
1,2,3-Trichloropropane
Concen: 138.407 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



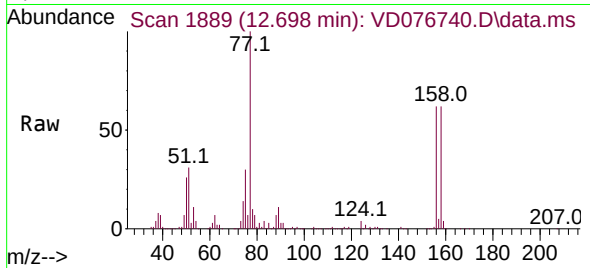
Tgt Ion: 75 Resp: 236969
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 144.796 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

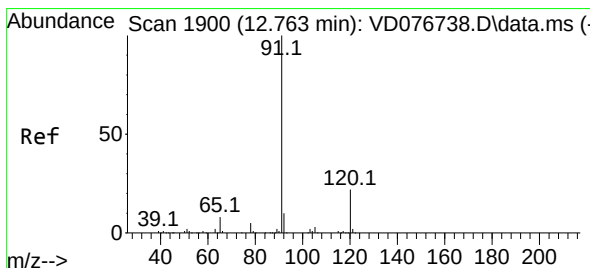
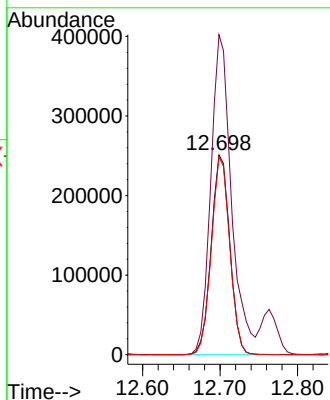
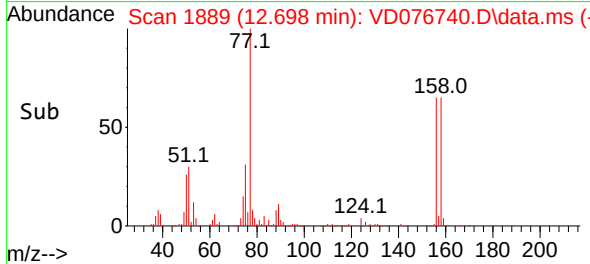
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



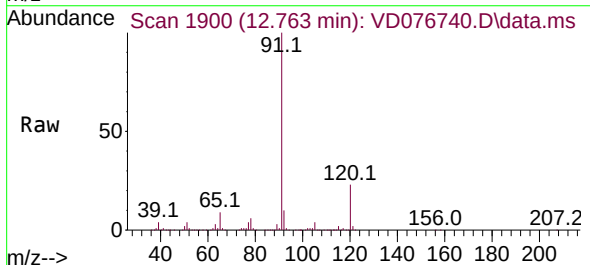
Tgt Ion:156 Resp: 417793
Ion Ratio Lower Upper
156 100
77 177.9 76.8 230.4
158 97.9 48.6 145.9

Manual Integrations
APPROVED

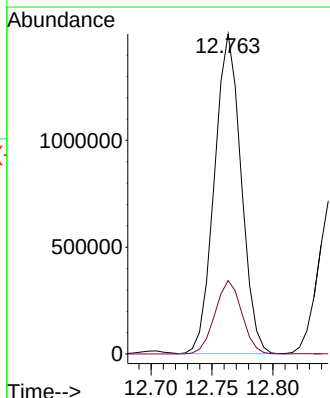
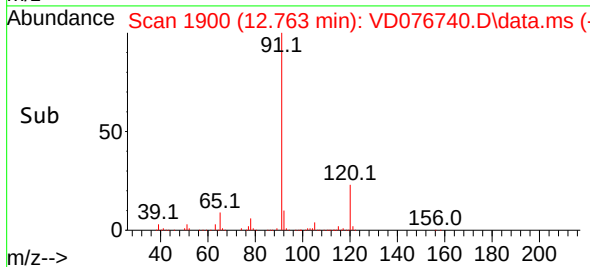
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

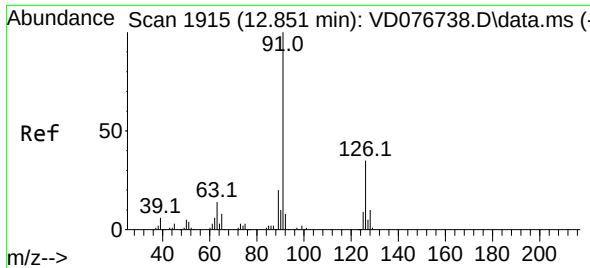


#78
n-propylbenzene
Concen: 150.859 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



Tgt Ion: 91 Resp: 2286180
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2





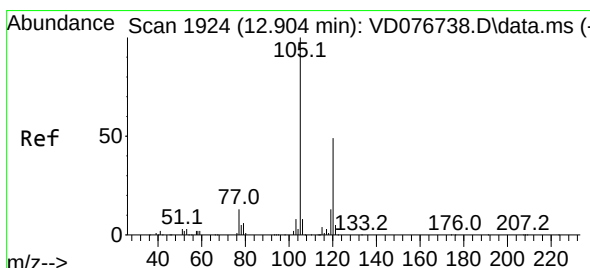
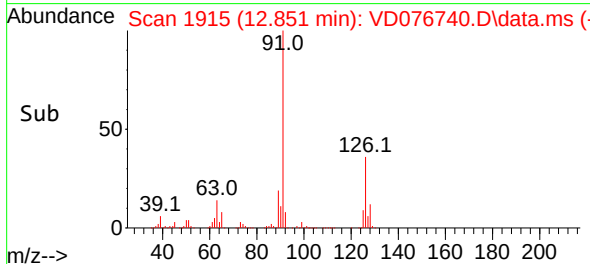
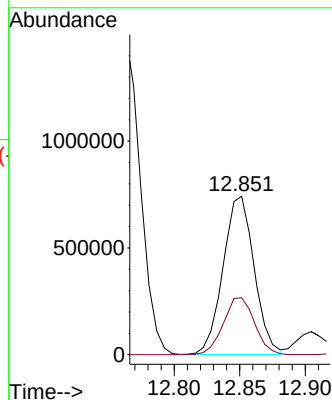
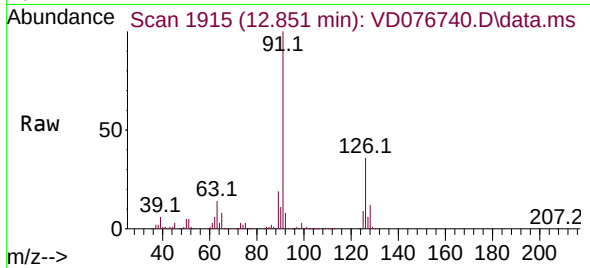
#79
2-Chlorotoluene
Concen: 147.097 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 122226
Ion Ratio Lower Upper
91 100
126 36.3 19.4 58.1

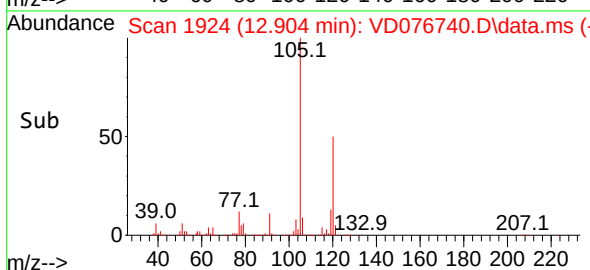
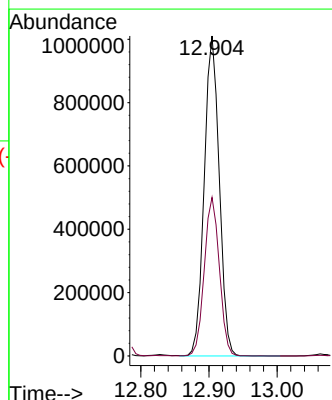
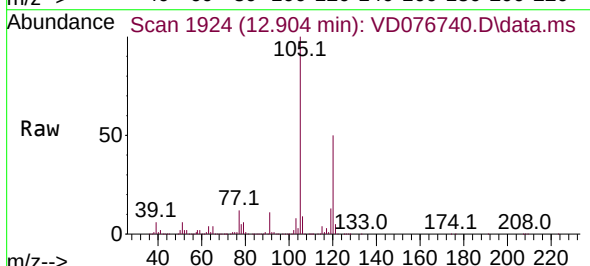
Manual Integrations
APPROVED

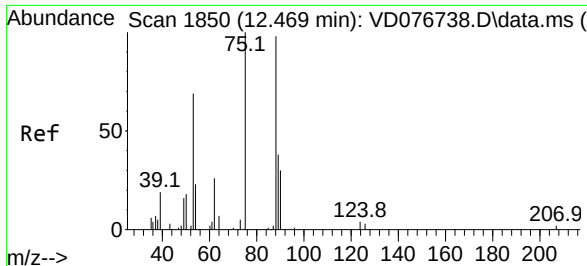
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 153.280 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

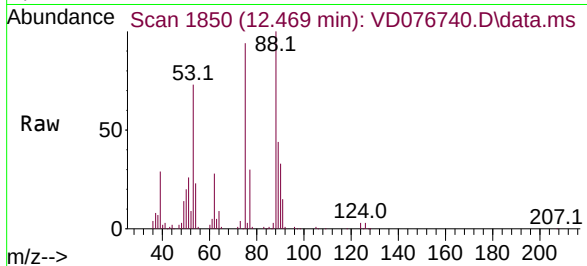
Tgt Ion:105 Resp: 1549307
Ion Ratio Lower Upper
105 100
120 49.6 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 144.492 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

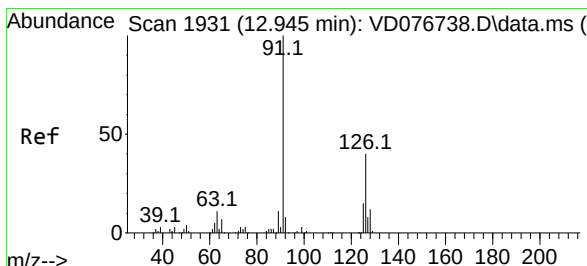
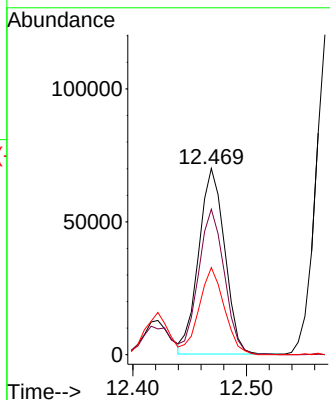
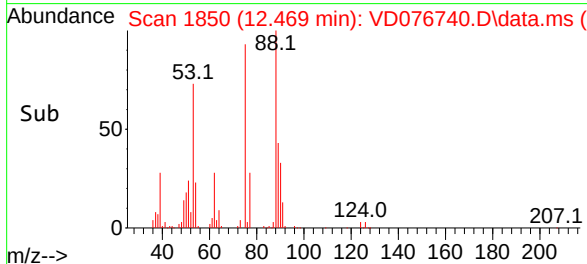
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC150



Tgt Ion: 75 Resp: 11124
Ion Ratio Lower Upper
75 100
53 78.6 63.0 94.4
89 45.7 37.9 56.9

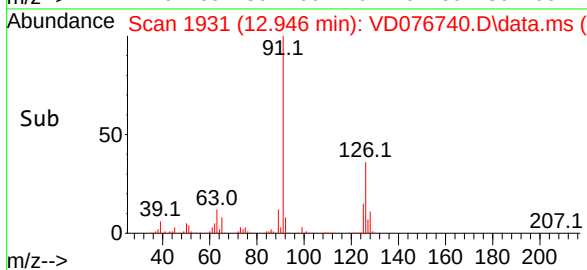
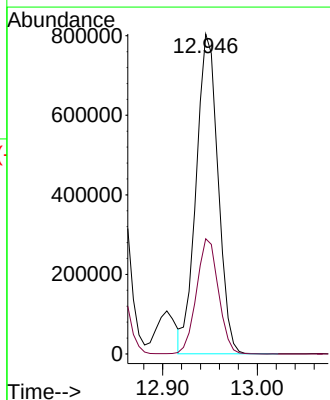
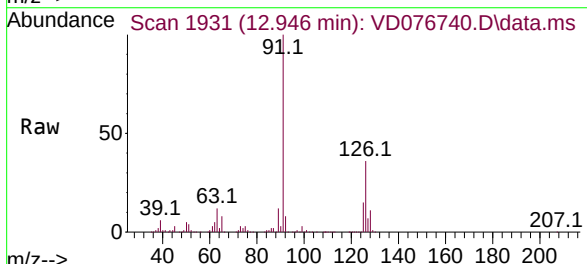
Manual Integrations
APPROVED

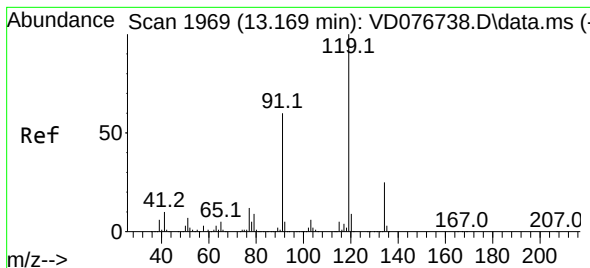
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#82
4-Chlorotoluene
Concen: 148.599 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

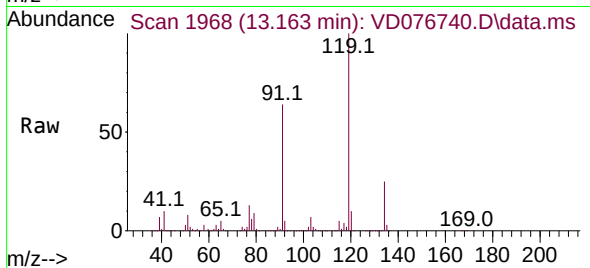
Tgt Ion: 91 Resp: 1289917
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.4





#83
tert-Butylbenzene
Concen: 155.686 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

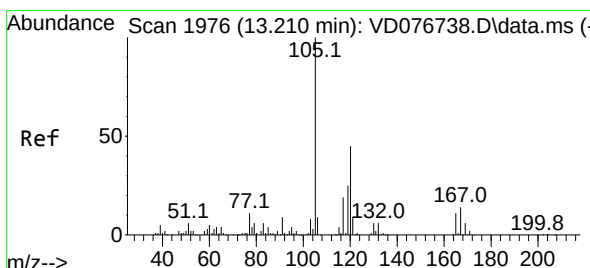
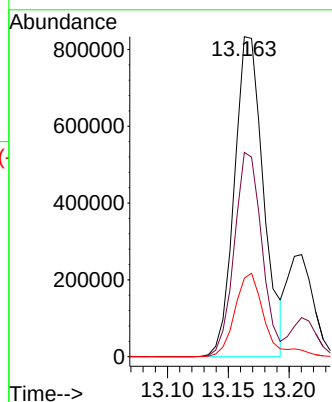
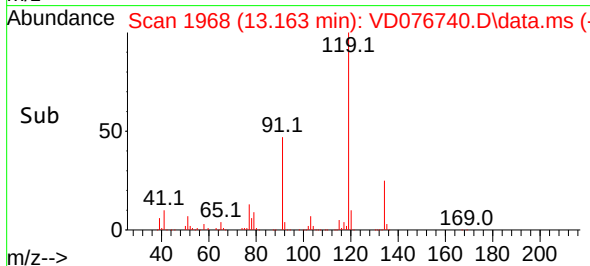
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



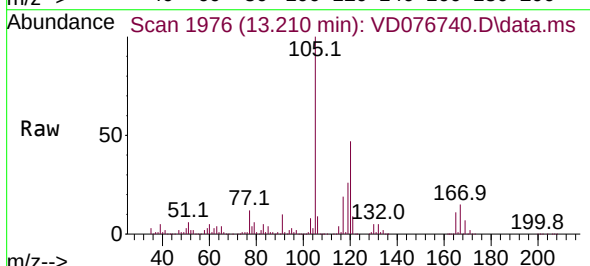
Tgt Ion:119 Resp: 138556
Ion Ratio Lower Upper
119 100
91 60.7 29.3 87.8
134 26.7 14.1 42.3

Manual Integrations
APPROVED

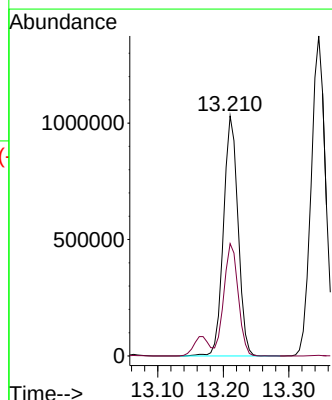
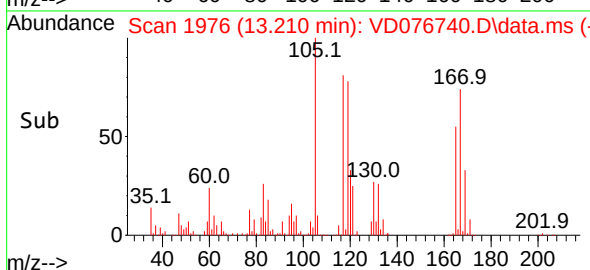
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

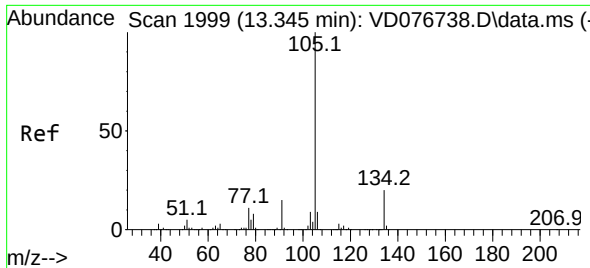


#84
1,2,4-Trimethylbenzene
Concen: 152.959 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



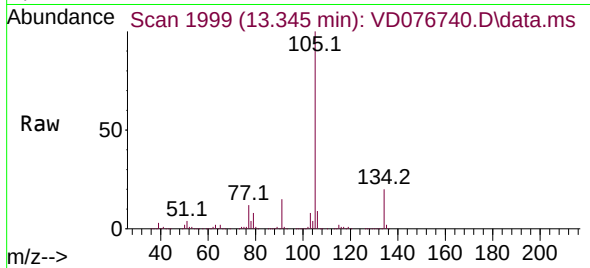
Tgt Ion:105 Resp: 1579912
Ion Ratio Lower Upper
105 100
120 45.9 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 154.179 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17

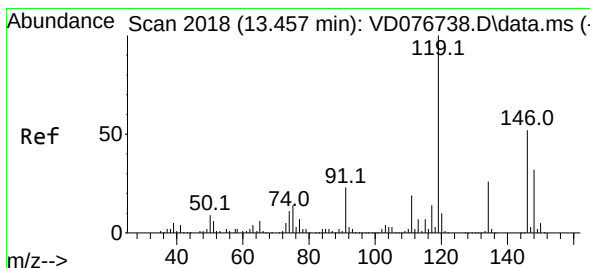
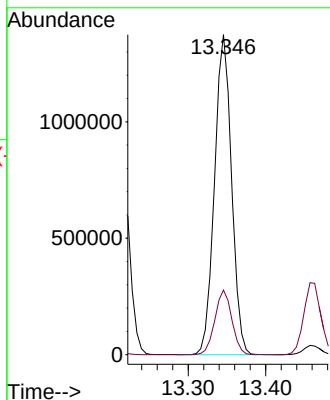
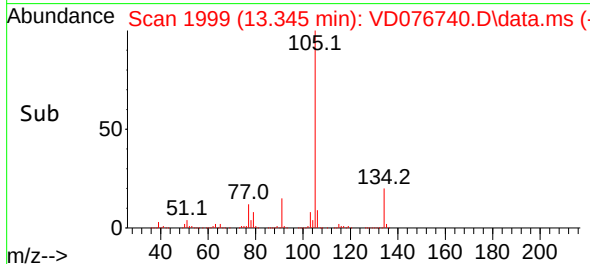
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC150



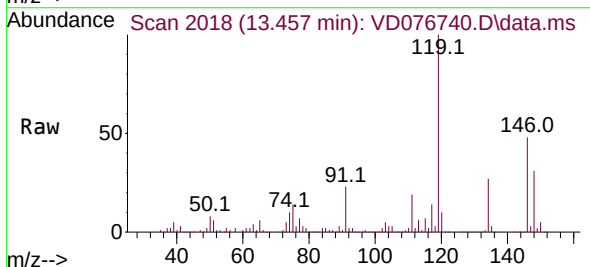
Tgt Ion:105 Resp: 2096414
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9

Manual Integrations
 APPROVED

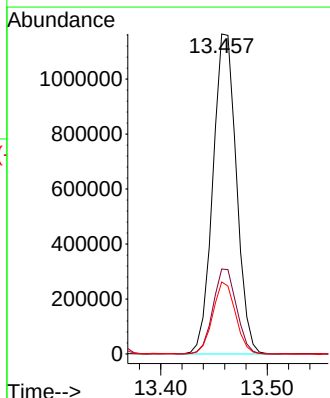
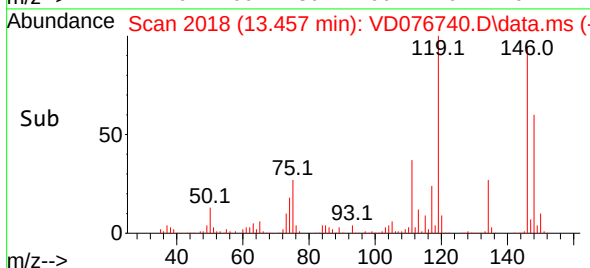
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

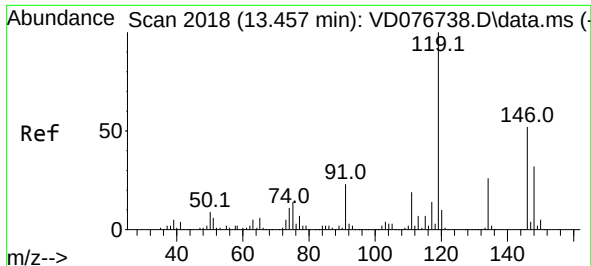


#86
 p-Isopropyltoluene
 Concen: 158.827 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076740.D
 Acq: 14 Jul 2023 14:17



Tgt Ion:119 Resp: 1783540
 Ion Ratio Lower Upper
 119 100
 134 26.5 14.2 42.6
 91 21.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 150.714 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion:146 Resp: 894449

Ion Ratio Lower Upper

146 100

111 38.8 17.9 53.8

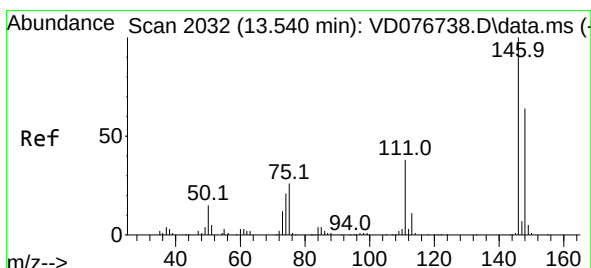
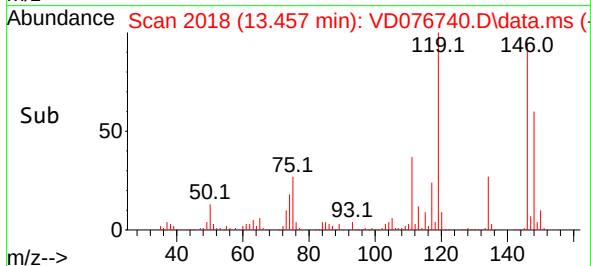
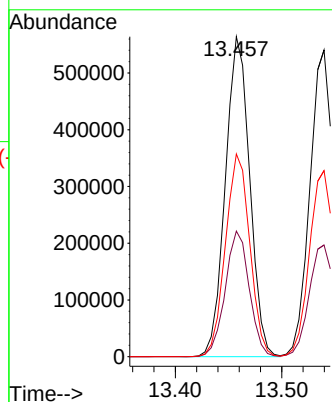
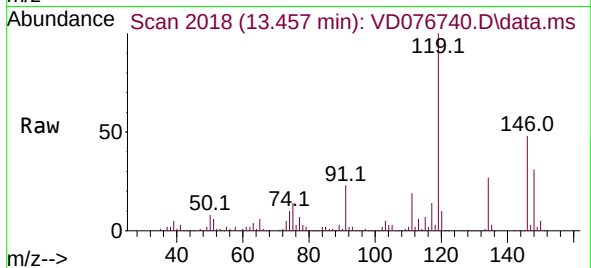
148 63.4 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#88

1,4-Dichlorobenzene

Concen: 146.451 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

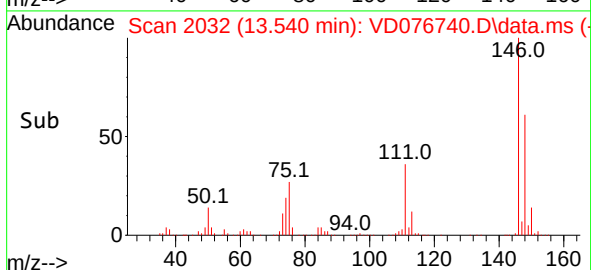
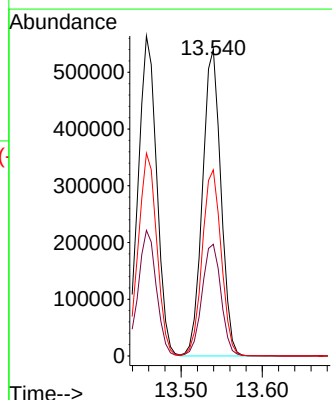
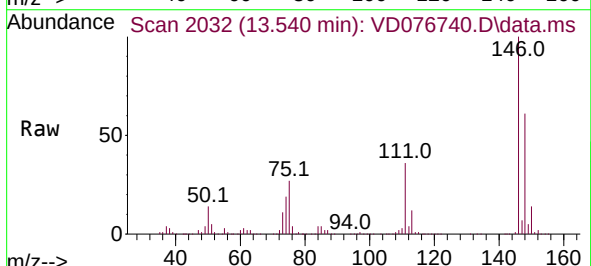
Tgt Ion:146 Resp: 851544

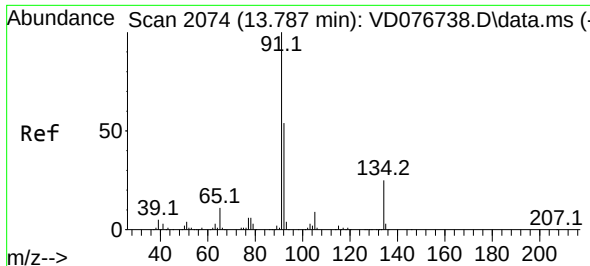
Ion Ratio Lower Upper

146 100

111 37.6 17.4 52.3

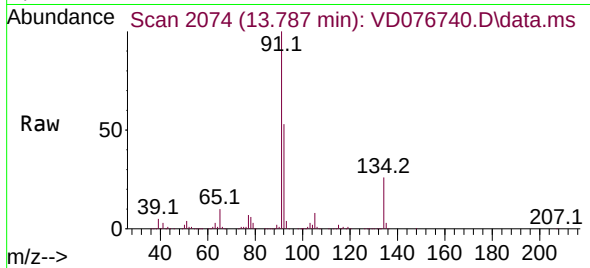
148 62.7 31.7 95.1





#89
n-Butylbenzene
Concen: 153.048 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

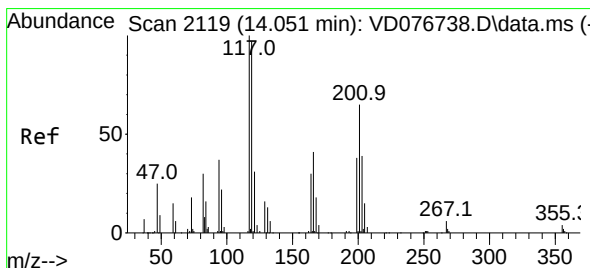
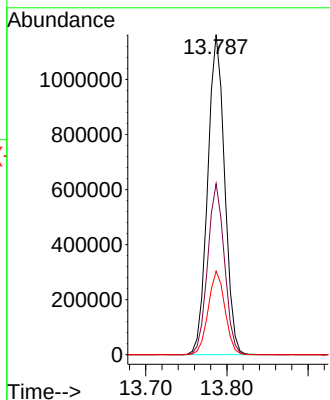
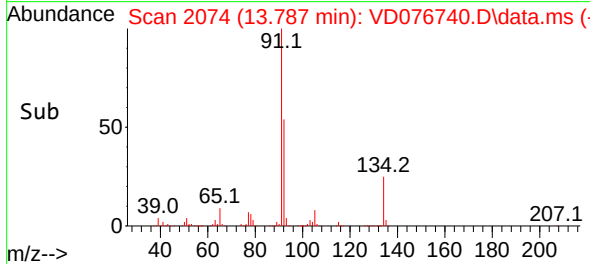
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



Tgt Ion: 91 Resp: 1681774
Ion Ratio Lower Upper
91 100
92 52.9 26.5 79.5
134 25.8 13.8 41.3

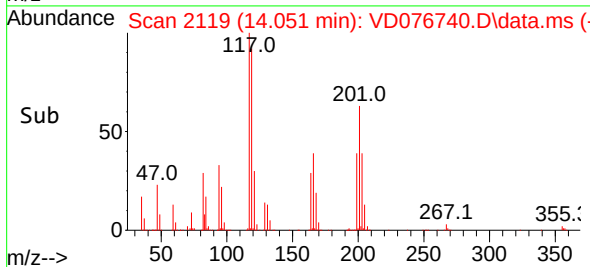
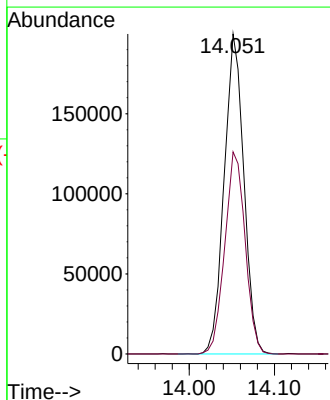
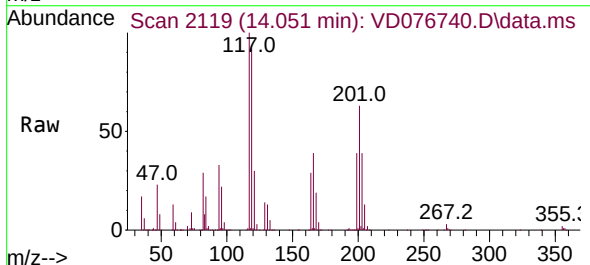
Manual Integrations
APPROVED

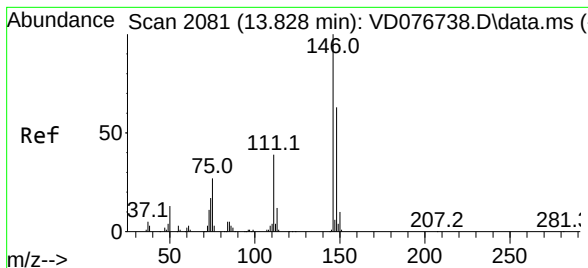
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#90
Hexachloroethane
Concen: 154.342 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

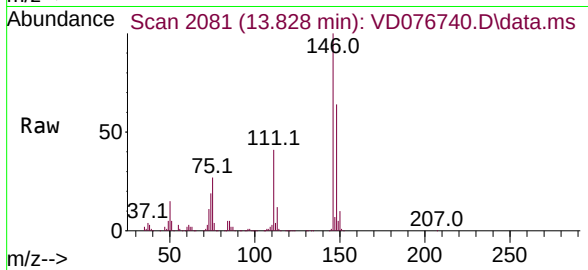
Tgt Ion:117 Resp: 320425
Ion Ratio Lower Upper
117 100
201 65.5 38.5 115.5





#91
1,2-Dichlorobenzene
Concen: 146.570 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

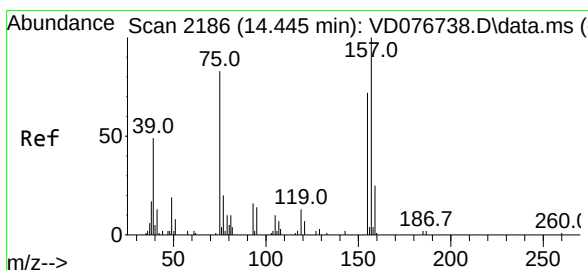
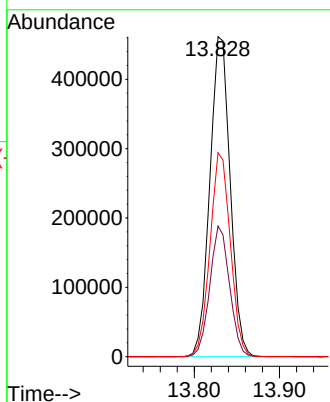
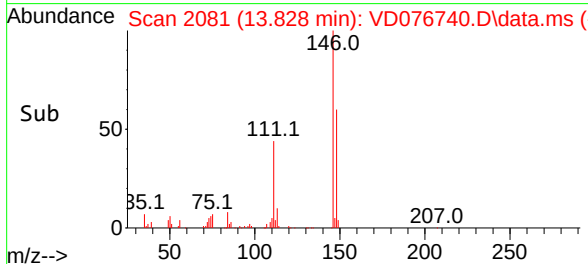
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



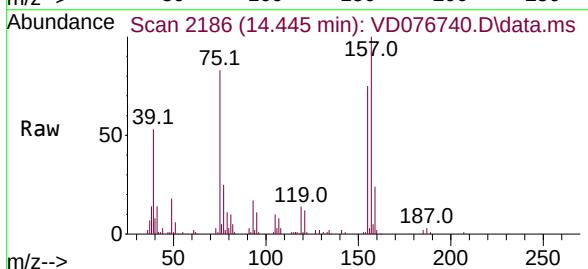
Tgt Ion:146 Resp: 766488
Ion Ratio Lower Upper
146 100
111 39.7 18.3 54.8
148 63.8 31.6 94.7

Manual Integrations
APPROVED

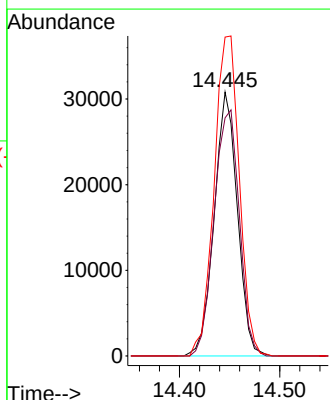
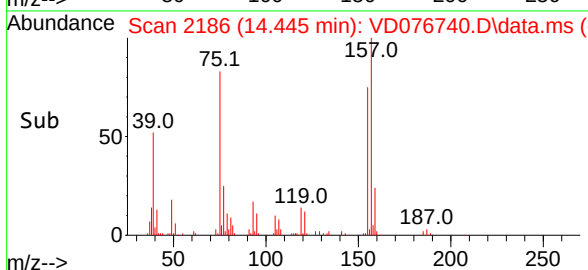
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

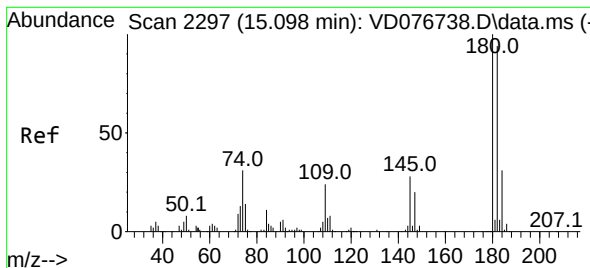


#92
1,2-Dibromo-3-Chloropropane
Concen: 129.239 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



Tgt Ion: 75 Resp: 49457
Ion Ratio Lower Upper
75 100
155 101.4 47.9 143.8
157 131.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 146.860 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC150

Tgt Ion:180 Resp: 468870

Ion Ratio Lower Upper

180 100

182 96.2 48.5 145.6

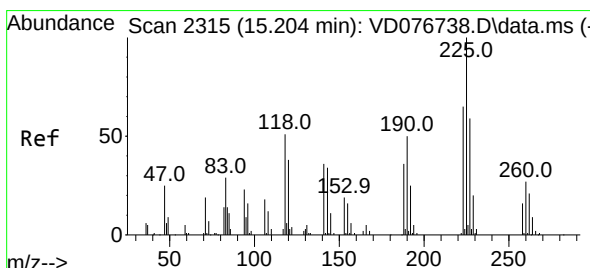
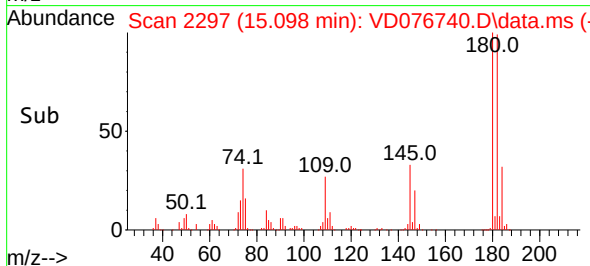
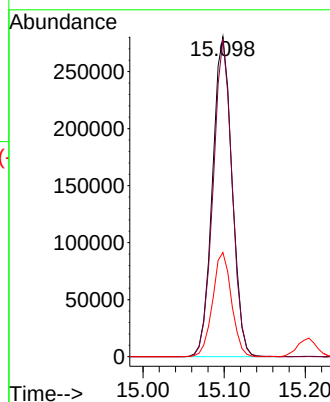
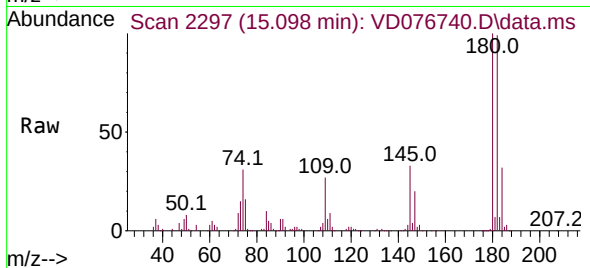
145 31.5 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#94

Hexachlorobutadiene

Concen: 147.635 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD076740.D

Acq: 14 Jul 2023 14:17

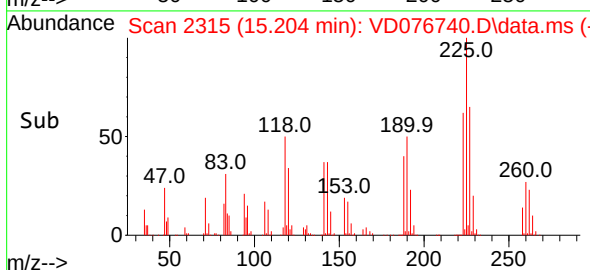
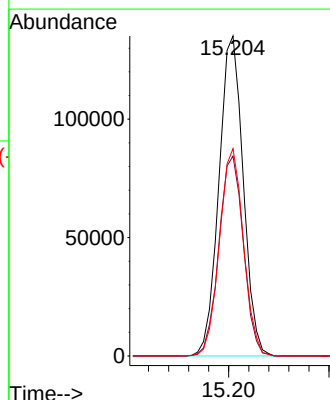
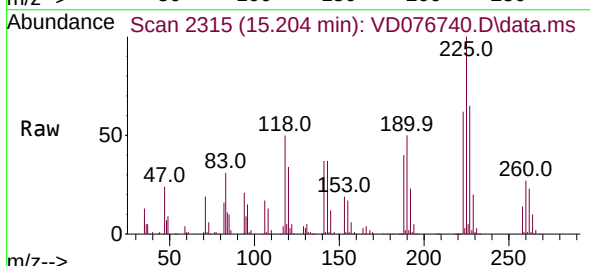
Tgt Ion:225 Resp: 226689

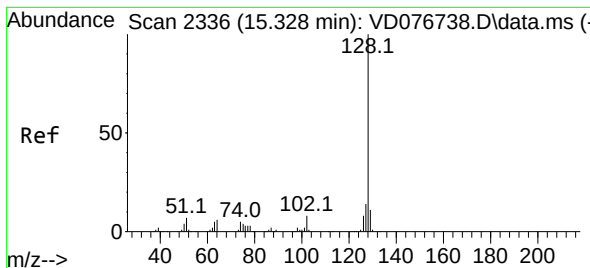
Ion Ratio Lower Upper

225 100

223 63.1 31.6 94.8

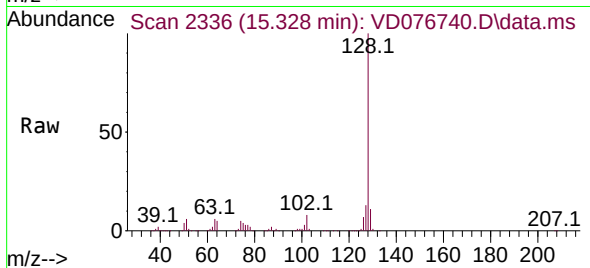
227 64.0 31.7 95.1





#95
Naphthalene
Concen: 150.438 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17

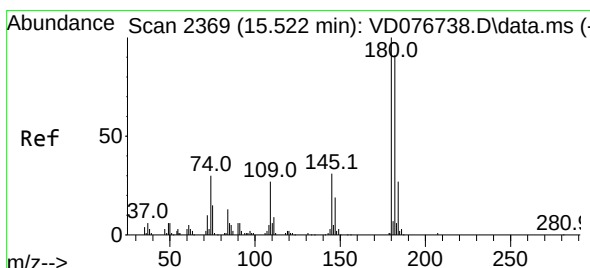
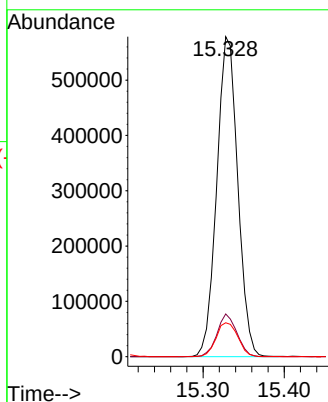
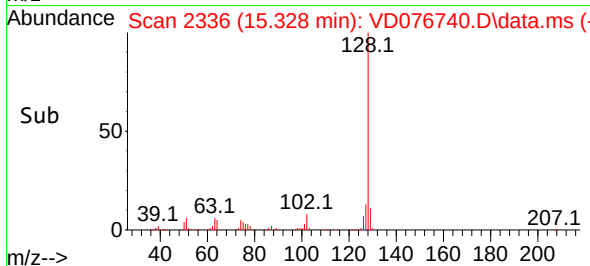
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC150



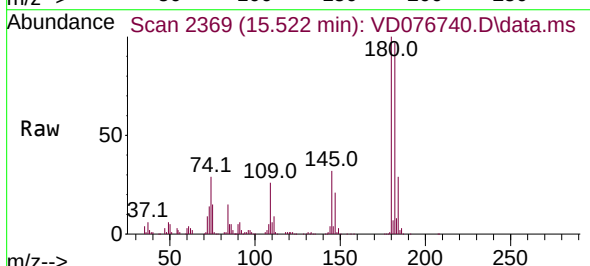
Tgt Ion:128 Resp: 1039940
Ion Ratio Lower Upper
128 100
127 13.4 10.5 15.7
129 10.6 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 145.668 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076740.D
Acq: 14 Jul 2023 14:17



Tgt Ion:180 Resp: 417343
Ion Ratio Lower Upper
180 100
182 94.9 47.3 141.9
145 32.3 15.1 45.3

