

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076737.D
 Acq On : 14 Jul 2023 12:50
 Operator : KP/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 17 07:42:07 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	188427	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	341736	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	308122	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	145897	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	40267	21.455	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	42.920%#		
35) Dibromofluoromethane	7.804	113	47149	21.955	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	43.920%#		
50) Toluene-d8	10.269	98	173680	22.608	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	45.220%#		
62) 4-Bromofluorobenzene	12.569	95	53534	21.541	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	43.080%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	33835	22.963	ug/l	97
3) Chloromethane	2.146	50	54139	21.300	ug/l	98
4) Vinyl Chloride	2.275	62	71573	21.124	ug/l	99
5) Bromomethane	2.669	94	54937	19.706	ug/l	100
6) Chloroethane	2.822	64	53171	20.784	ug/l	96
7) Trichlorofluoromethane	3.164	101	65433	21.703	ug/l	95
8) Diethyl Ether	3.587	74	19767	19.043	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.958	101	43982	22.193	ug/l	98
10) Methyl Iodide	4.158	142	45632	20.426	ug/l #	87
11) Tert butyl alcohol	5.058	59	15014	107.206	ug/l #	89
12) 1,1-Dichloroethene	3.928	96	39395	21.158	ug/l	93
13) Acrolein	3.799	56	12019	125.935	ug/l	91
14) Allyl chloride	4.552	41	49019	20.041	ug/l	92
15) Acrylonitrile	5.258	53	48957	96.027	ug/l	97
16) Acetone	4.022	43	40918	91.290	ug/l	90
17) Carbon Disulfide	4.258	76	91827	21.115	ug/l	98
18) Methyl Acetate	4.563	43	32801	19.478	ug/l	98
19) Methyl tert-butyl Ether	5.310	73	98398	19.707	ug/l	95
20) Methylene Chloride	4.793	84	60510	15.582	ug/l #	84
21) trans-1,2-Dichloroethene	5.299	96	44754	20.678	ug/l	93
22) Diisopropyl ether	6.210	45	117013	20.202	ug/l #	93
23) Vinyl Acetate	6.157	43	276011	96.312	ug/l	97
24) 1,1-Dichloroethane	6.105	63	78863	20.194	ug/l	98
25) 2-Butanone	7.081	43	58024	96.727	ug/l	89
26) 2,2-Dichloropropane	7.069	77	69853	20.750	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	53703	20.128	ug/l	93
28) Bromochloromethane	7.422	49	22176	22.713	ug/l	87
29) Tetrahydrofuran	7.440	42	35180	99.259	ug/l	92
30) Chloroform	7.593	83	88581	20.710	ug/l	96
31) Cyclohexane	7.875	56	59457	21.526	ug/l	94
32) 1,1,1-Trichloroethane	7.793	97	72942	21.137	ug/l	98
36) 1,1-Dichloropropene	8.004	75	59873	21.336	ug/l	96
37) Ethyl Acetate	7.169	43	24712	19.692	ug/l #	86
38) Carbon Tetrachloride	7.993	117	57874	21.539	ug/l	94
39) Methylcyclohexane	9.275	83	69610	21.483	ug/l	92
40) Benzene	8.251	78	184372	20.823	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	15805	20.624	ug/l #	84
42) 1,2-Dichloroethane	8.328	62	45636	19.837	ug/l	98
43) Isopropyl Acetate	8.357	43	47033	19.204	ug/l	95
44) Trichloroethene	9.028	130	51172	21.209	ug/l	94
45) 1,2-Dichloropropane	9.304	63	47063	20.591	ug/l	96
46) Dibromomethane	9.393	93	27204	20.334	ug/l	88
47) Bromodichloromethane	9.581	83	68983	20.547	ug/l	97
48) Methyl methacrylate	9.381	41	22051	19.782	ug/l	84
49) 1,4-Dioxane	9.387	88	6463	377.057	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	126415	96.943	ug/l	95
52) Toluene	10.334	92	116995	20.119	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	59142	18.979	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	75330	20.512	ug/l	94
55) 1,1,2-Trichloroethane	10.734	97	38999	19.963	ug/l	96
56) Ethyl methacrylate	10.598	69	44099	19.558	ug/l	92
57) 1,3-Dichloropropane	10.881	76	64555	20.291	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	87893	100.703	ug/l	96
59) 2-Hexanone	10.922	43	88240	94.834	ug/l	91
60) Dibromochloromethane	11.075	129	44838	19.757	ug/l	96
61) 1,2-Dibromoethane	11.181	107	36159	19.964	ug/l	96
64) Tetrachloroethene	10.810	164	38792	22.079	ug/l	89
65) Chlorobenzene	11.604	112	131498	21.220	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	48118	20.856	ug/l	96
67) Ethyl Benzene	11.681	91	229255	21.065	ug/l	95
68) m/p-Xylenes	11.792	106	177761	42.529	ug/l	94
69) o-Xylene	12.122	106	82357	20.376	ug/l	90
70) Styrene	12.134	104	145654	20.585	ug/l	96
71) Bromoform	12.298	173	25960	20.544	ug/l #	100
73) Isopropylbenzene	12.422	105	220227	20.805	ug/l	96
74) N-amyl acetate	12.234	43	44809	20.094	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	47315	20.819	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	30516m	21.049	ug/l	
77) Bromobenzene	12.698	156	51657	21.142	ug/l	86
78) n-propylbenzene	12.763	91	274887	21.421	ug/l	96
79) 2-Chlorotoluene	12.851	91	148926	21.166	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	181775	21.238	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	13891	21.308	ug/l	96
82) 4-Chlorotoluene	12.945	91	157369	21.409	ug/l	95
83) tert-Butylbenzene	13.169	119	158776	21.069	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	184364	21.079	ug/l	97
85) sec-Butylbenzene	13.345	105	248177	21.554	ug/l	95
86) p-Isopropyltoluene	13.457	119	202816	21.329	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	105645	21.022	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	102229	20.763	ug/l	96
89) n-Butylbenzene	13.786	91	203209	21.839	ug/l	95
90) Hexachloroethane	14.051	117	36824	20.947	ug/l	88
91) 1,2-Dichlorobenzene	13.828	146	91573	20.679	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6728	20.762	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	55187	20.413	ug/l	96
94) Hexachlorobutadiene	15.204	225	27256	20.963	ug/l	99
95) Naphthalene	15.328	128	114855	19.621	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	48718	20.081	ug/l	98

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

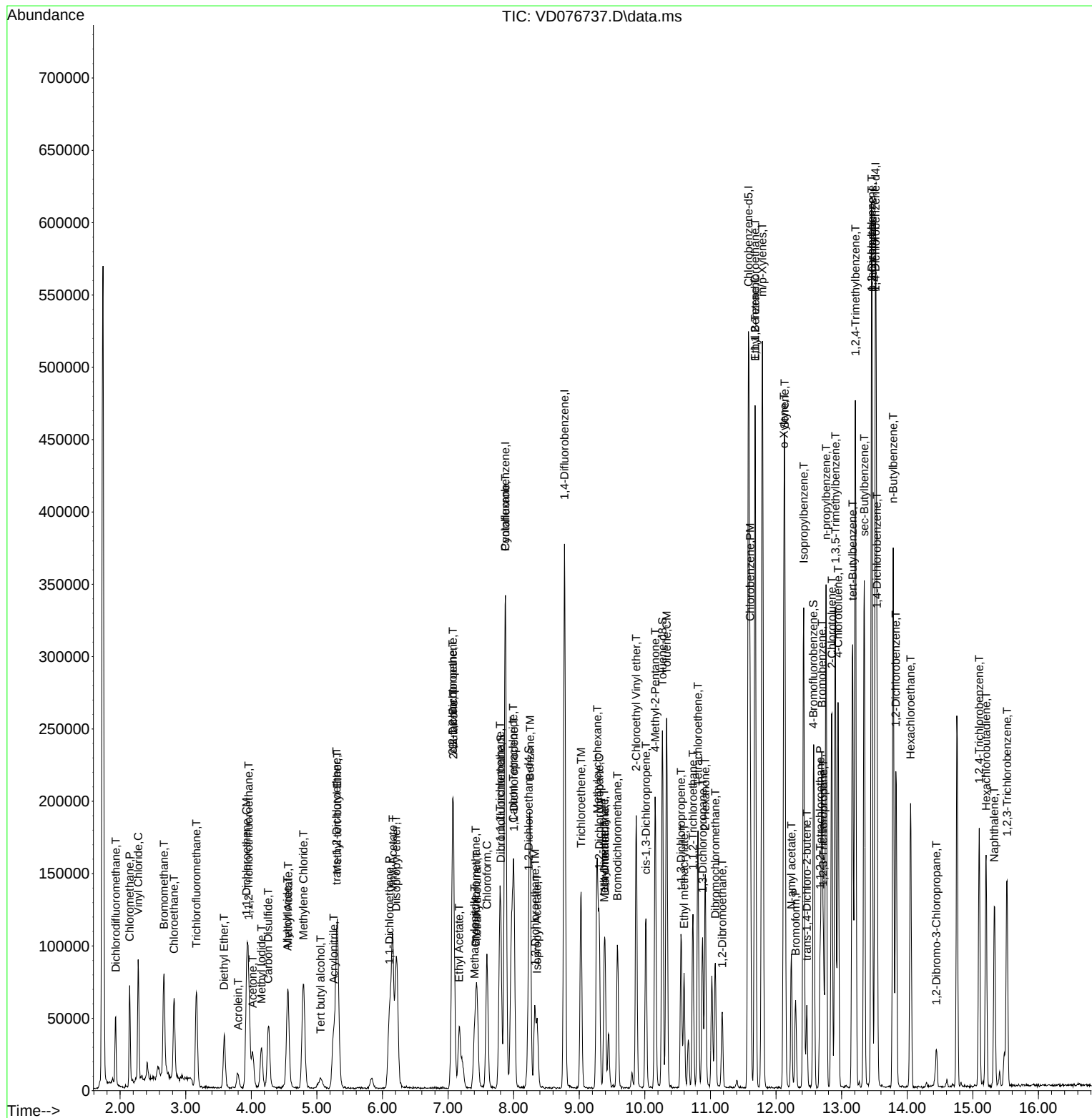
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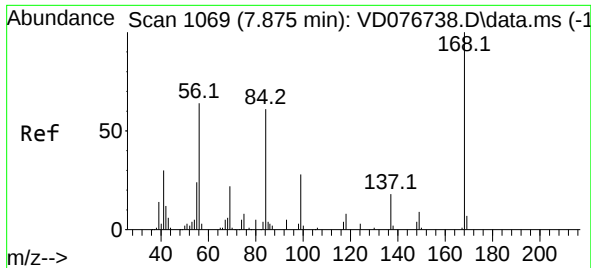
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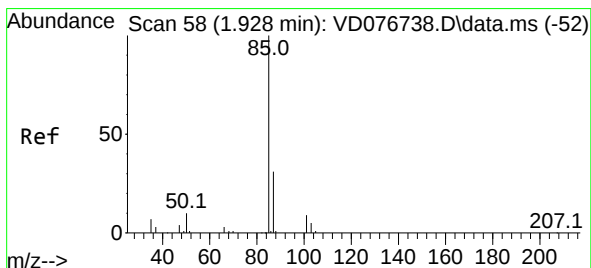
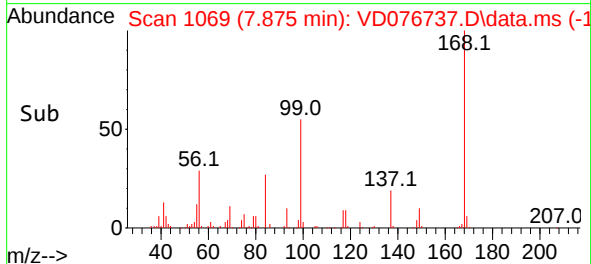
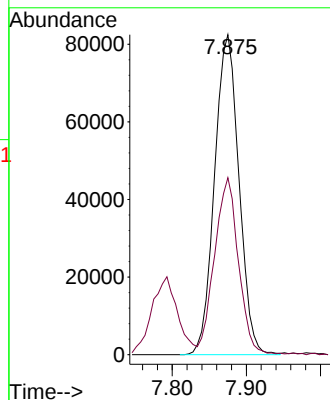
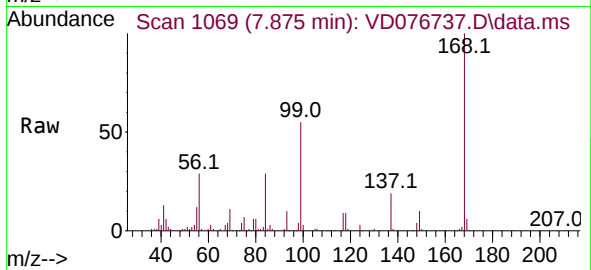
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076737.D
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MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:168 Resp: 18842
Ion Ratio Lower Upper
168 100
99 54.8 36.7 55.1

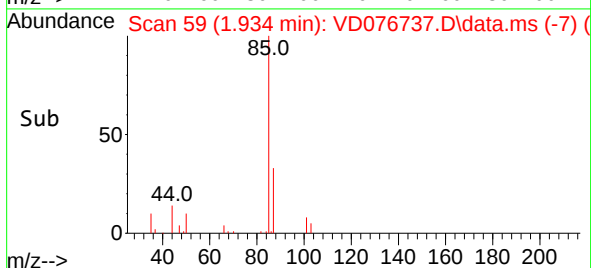
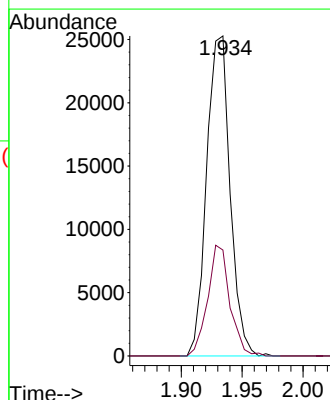
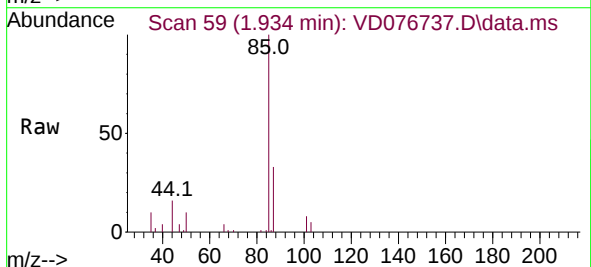
Manual Integrations
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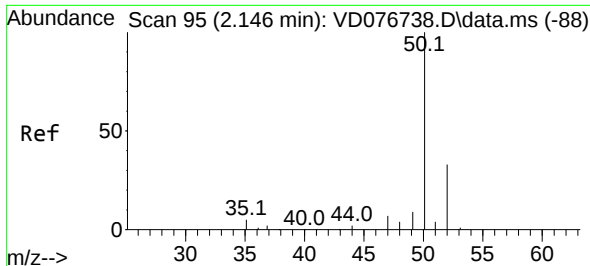
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 22.963 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 85 Resp: 33835
Ion Ratio Lower Upper
85 100
87 33.1 15.7 47.0





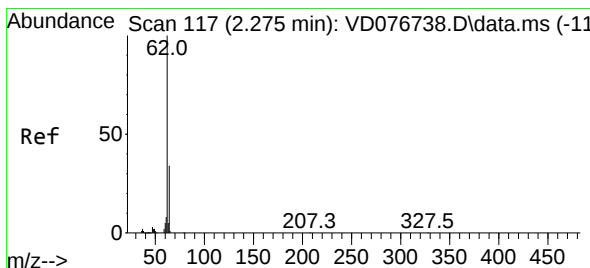
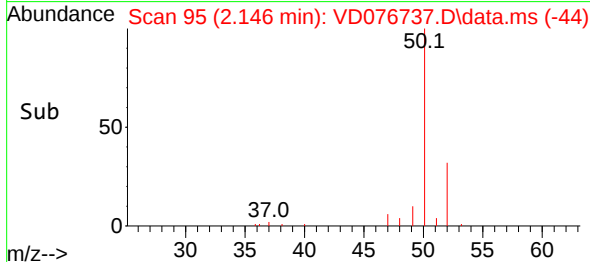
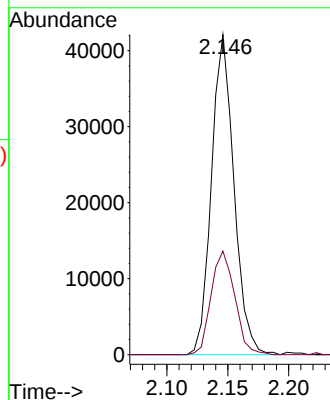
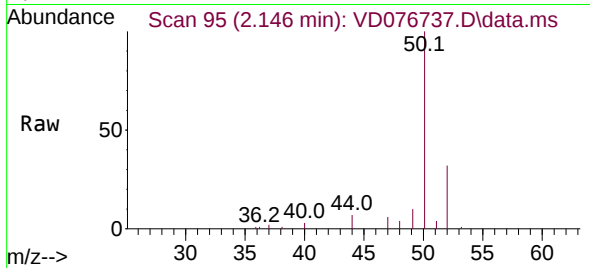
#3
Chloromethane
Concen: 21.300 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

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ClientSampleId :
VSTDICC020

Tgt Ion: 50 Resp: 54139
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0

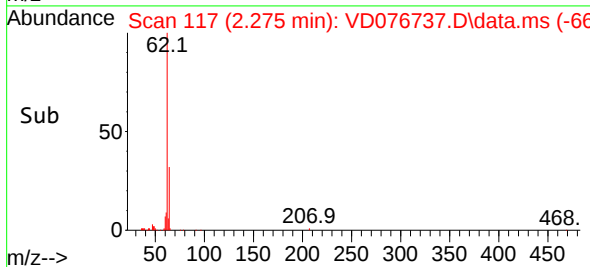
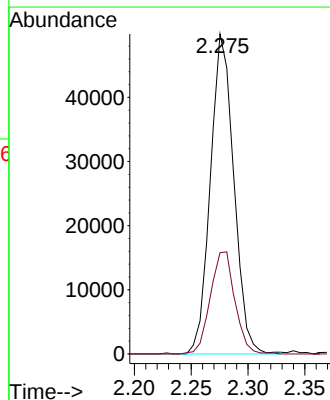
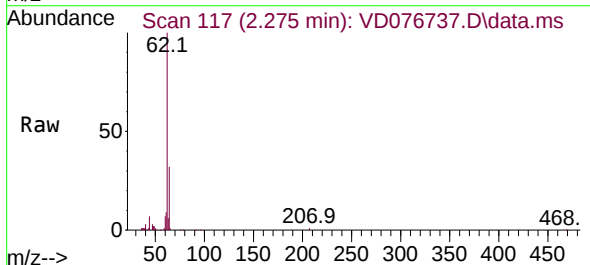
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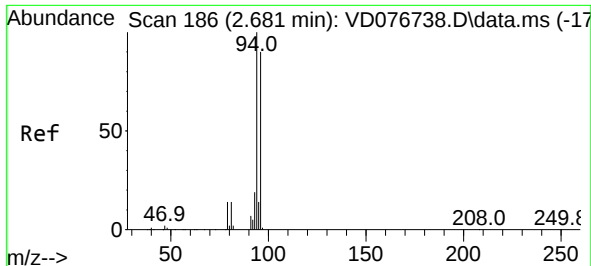
Reviewed By :John Carlone 07/17/2023
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#4
Vinyl Chloride
Concen: 21.124 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

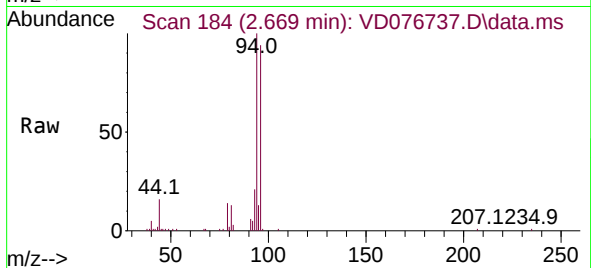
Tgt Ion: 62 Resp: 71573
Ion Ratio Lower Upper
62 100
64 31.7 26.0 39.0





#5
Bromomethane
Concen: 19.706 ug/l
RT: 2.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD076737.D
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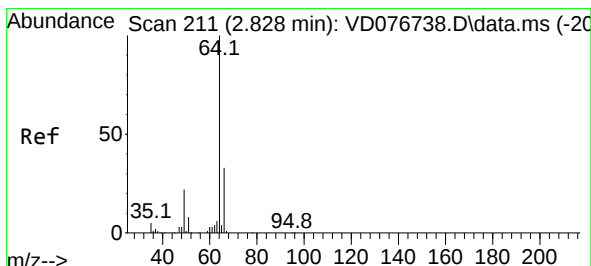
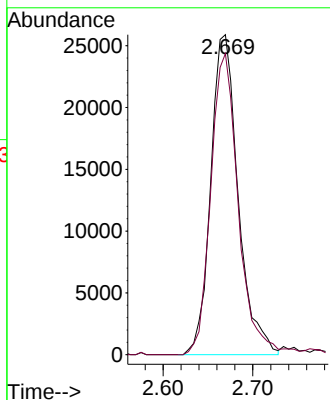
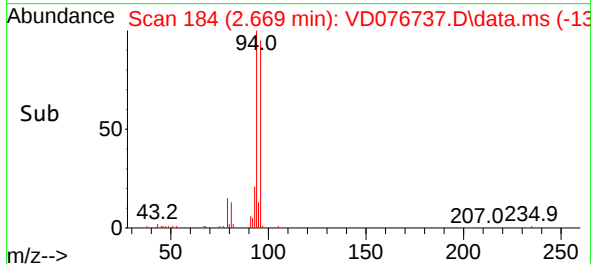
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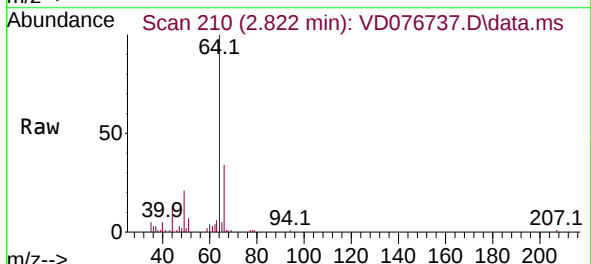
Tgt Ion: 94 Resp: 5493
Ion Ratio Lower Upper
94 100
96 94.7 75.8 113.8

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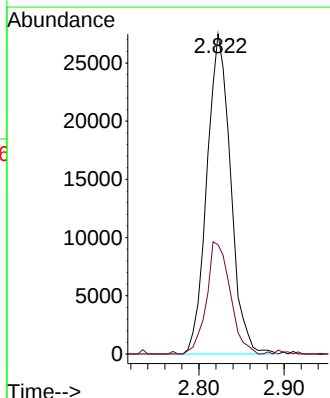
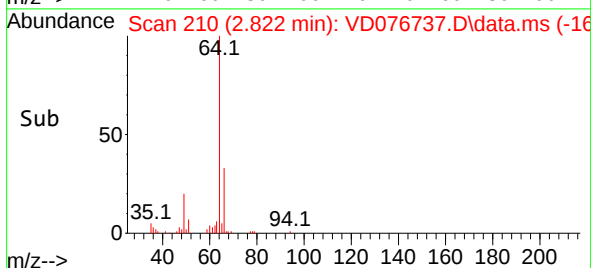
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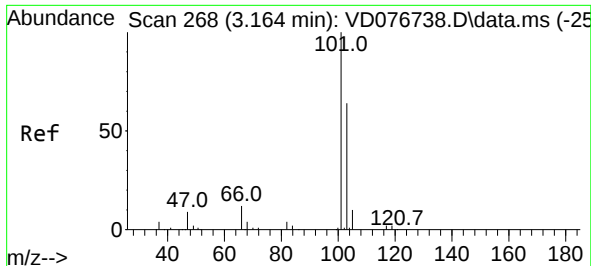


#6
Chloroethane
Concen: 20.784 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.006 min
Lab File: VD076737.D
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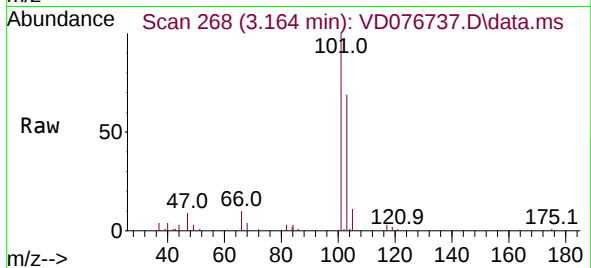
Tgt Ion: 64 Resp: 53171
Ion Ratio Lower Upper
64 100
66 34.1 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 21.703 ug/l
 RT: 3.164 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

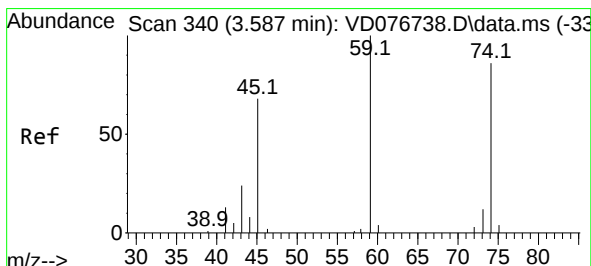
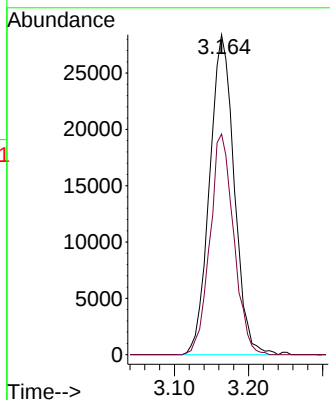
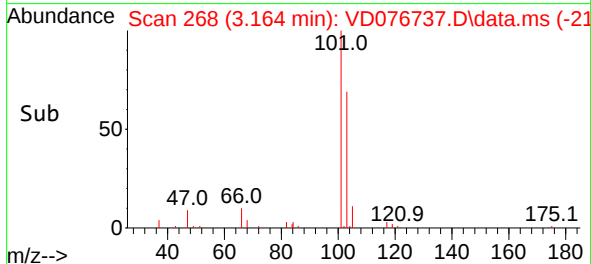
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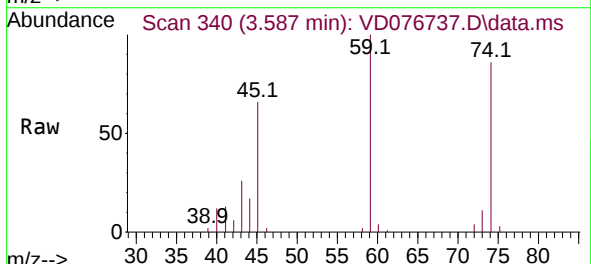
Tgt Ion:101 Resp: 6543
 Ion Ratio Lower Upper
 101 100
 103 69.0 52.3 78.5

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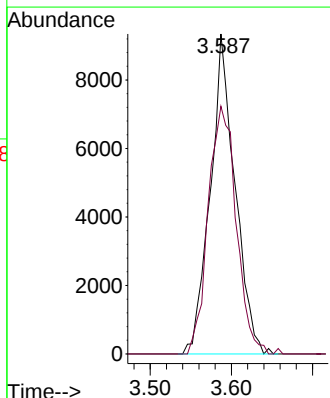
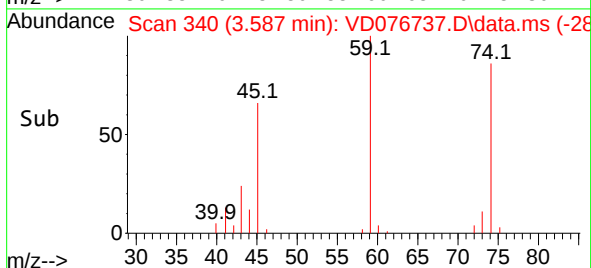
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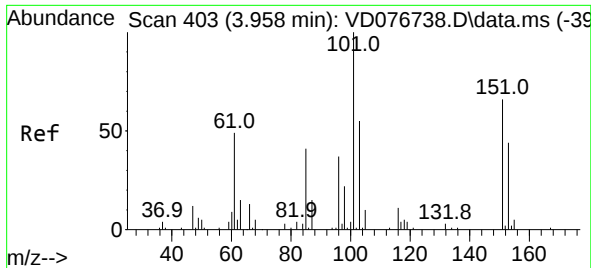


#8
 Diethyl Ether
 Concen: 19.043 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50



Tgt Ion: 74 Resp: 19767
 Ion Ratio Lower Upper
 74 100
 45 87.6 37.5 112.7





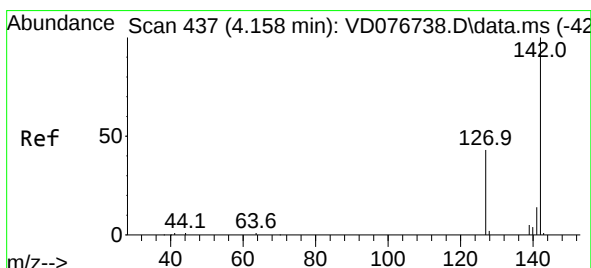
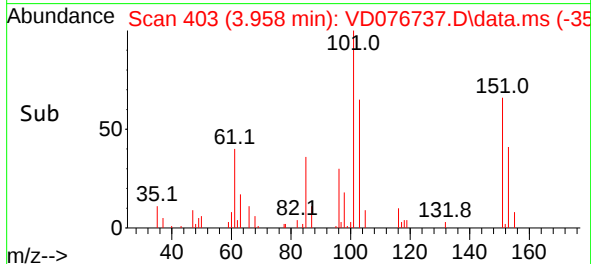
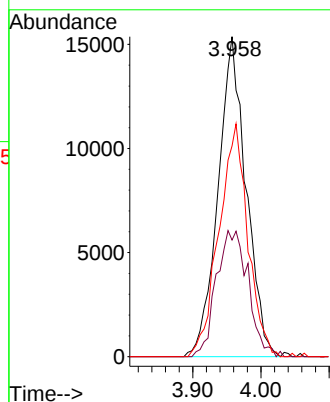
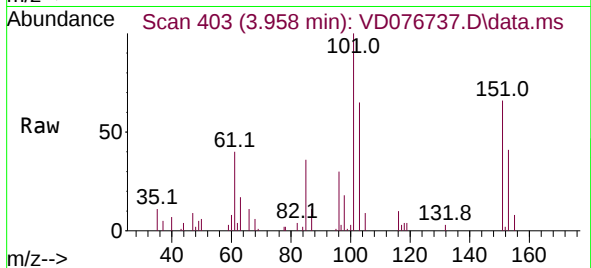
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.193 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:101 Resp: 43982
Ion Ratio Lower Upper
101 100
85 44.8 33.8 50.6
151 75.0 59.8 89.6

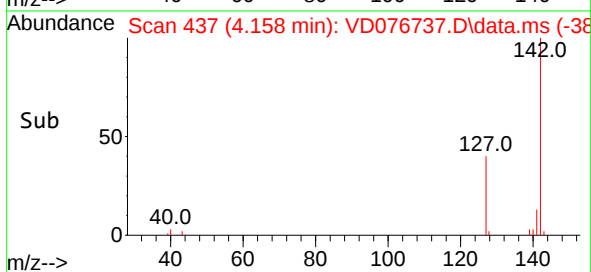
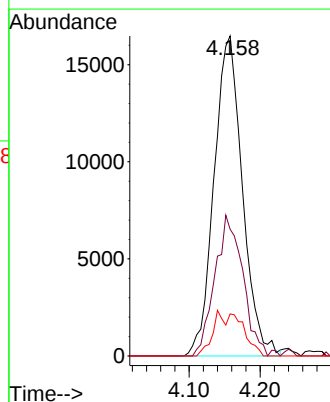
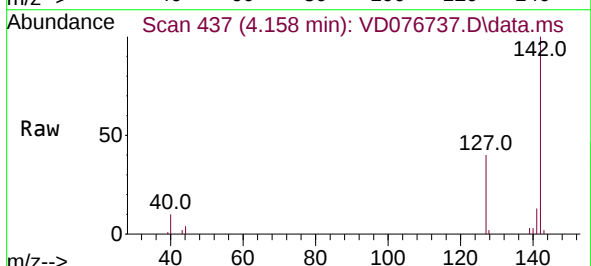
Manual Integrations
APPROVED

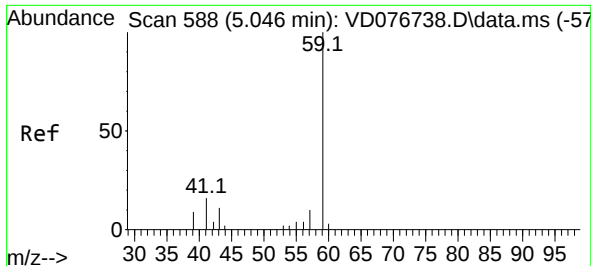
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#10
Methyl Iodide
Concen: 20.426 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:142 Resp: 45632
Ion Ratio Lower Upper
142 100
127 43.6 29.4 44.0
141 6.5 11.1 16.7#





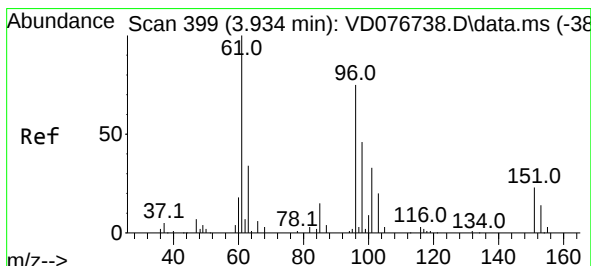
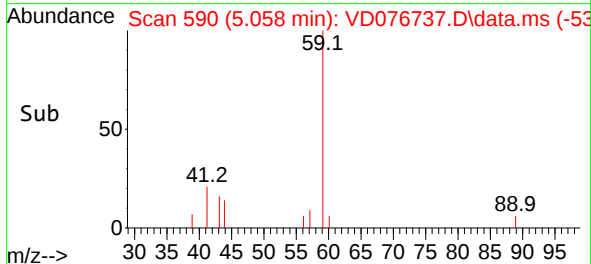
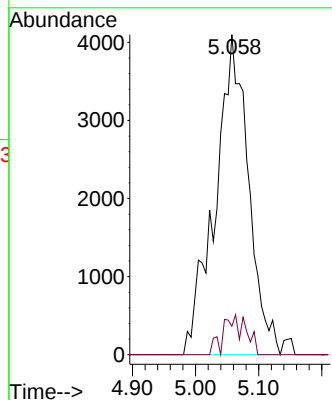
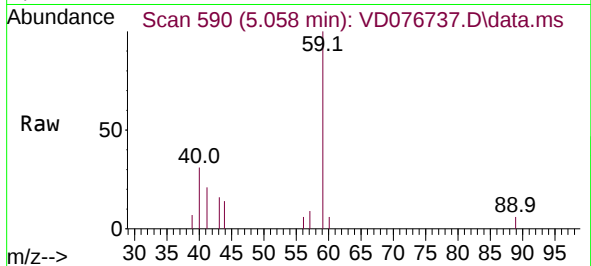
#11
Tert butyl alcohol
Concen: 107.206 ug/l
RT: 5.058 min Scan# 591
Delta R.T. 0.012 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 59 Resp: 15014
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.8

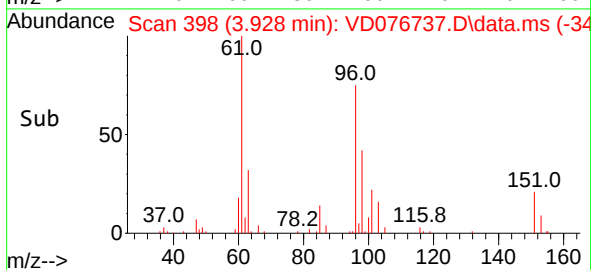
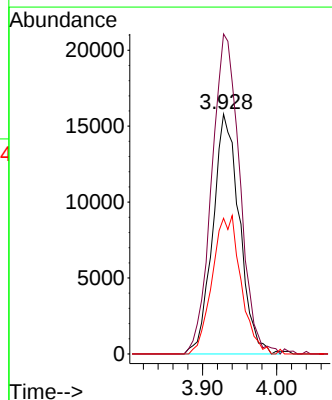
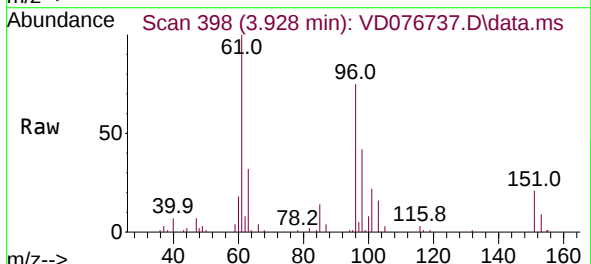
Manual Integrations
APPROVED

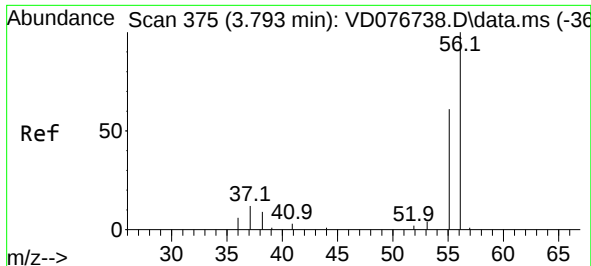
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#12
1,1-Dichloroethene
Concen: 21.158 ug/l
RT: 3.928 min Scan# 398
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 96 Resp: 39395
Ion Ratio Lower Upper
96 100
61 133.4 100.6 150.8
98 56.6 50.2 75.2





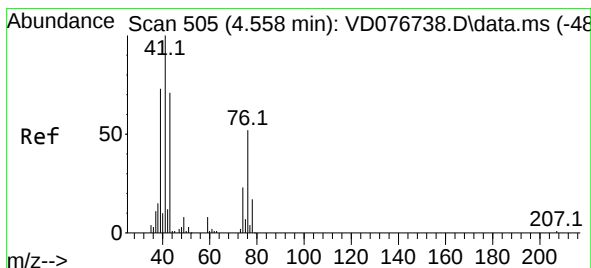
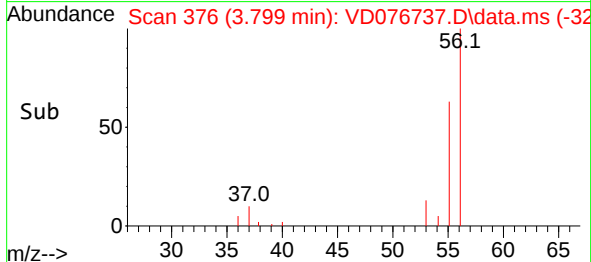
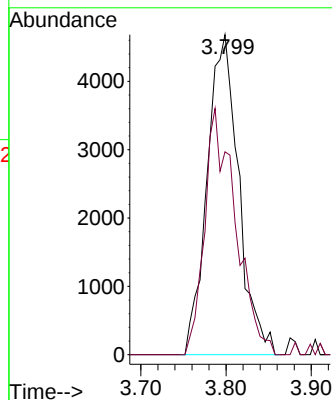
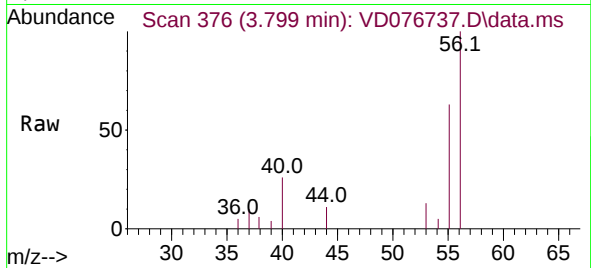
#13
Acrolein
Concen: 125.935 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 56 Resp: 12019
Ion Ratio Lower Upper
56 100
55 76.0 55.1 82.7

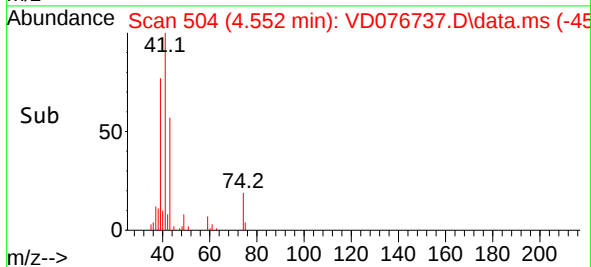
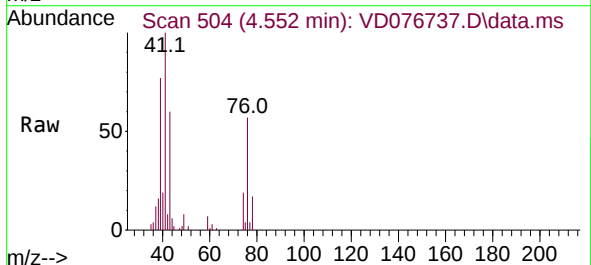
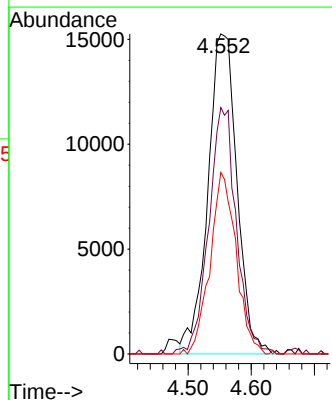
Manual Integrations
APPROVED

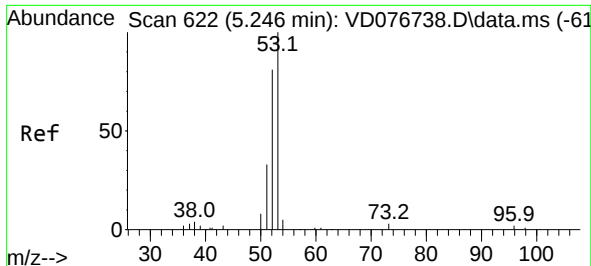
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#14
Allyl chloride
Concen: 20.041 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

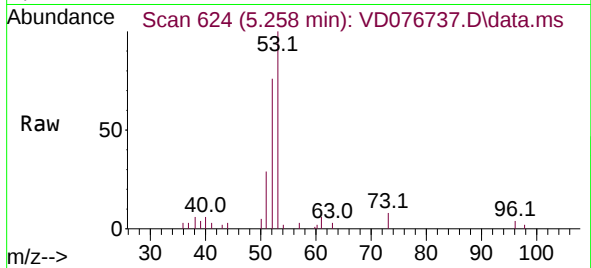
Tgt Ion: 41 Resp: 49019
Ion Ratio Lower Upper
41 100
39 72.9 53.8 80.6
76 50.6 45.8 68.8





#15
Acrylonitrile
Concen: 96.027 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

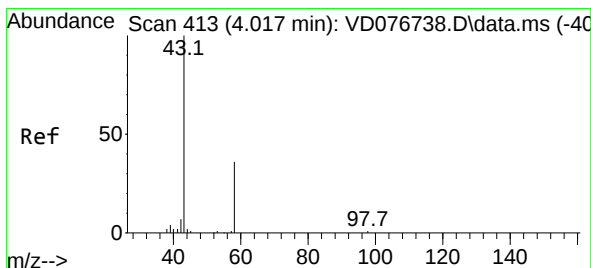
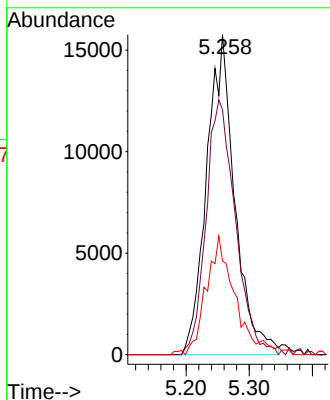
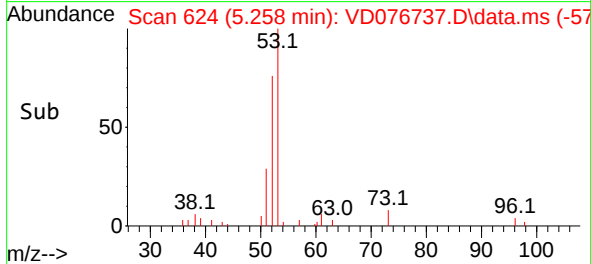
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion: 53 Resp: 4895
Ion Ratio Lower Upper
53 100
52 83.0 65.0 97.4
51 37.6 28.3 42.5

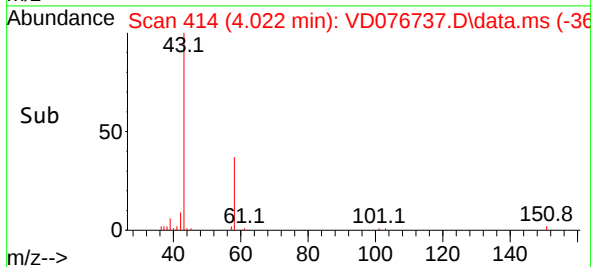
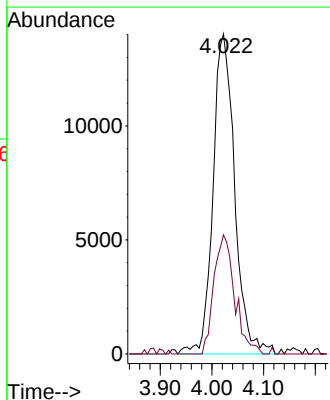
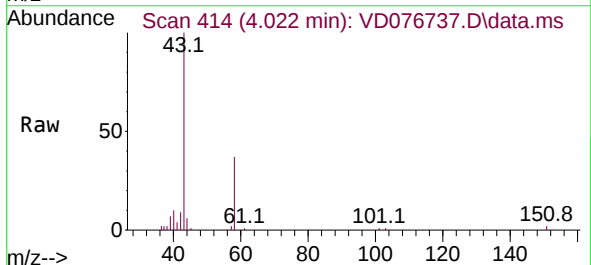
Manual Integrations
APPROVED

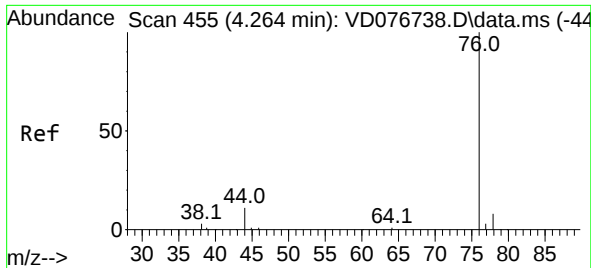
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#16
Acetone
Concen: 91.290 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 43 Resp: 40918
Ion Ratio Lower Upper
43 100
58 37.2 34.7 52.1





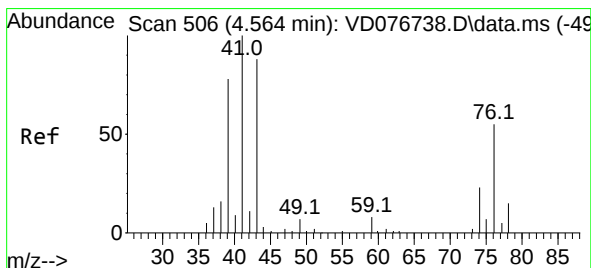
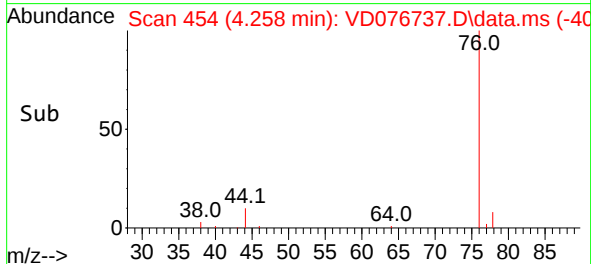
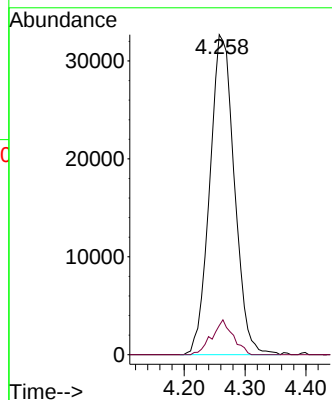
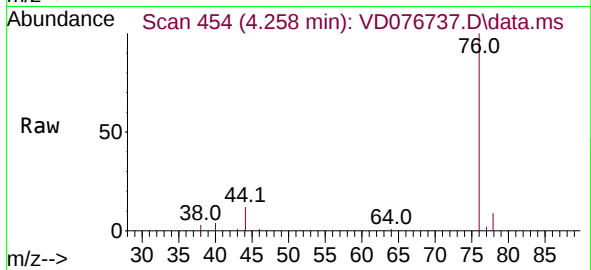
#17
Carbon Disulfide
Concen: 21.115 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 76 Resp: 9182
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2

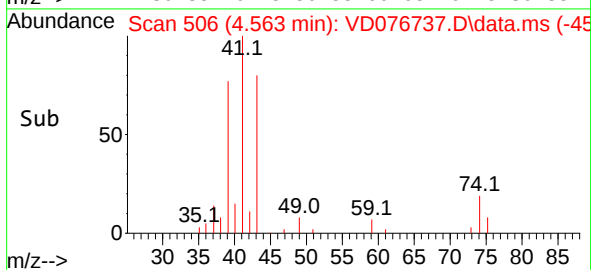
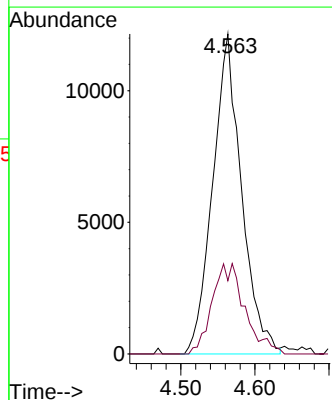
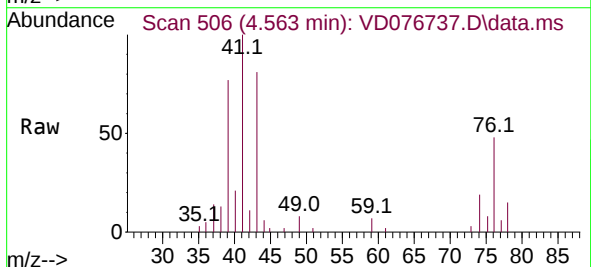
Manual Integrations
APPROVED

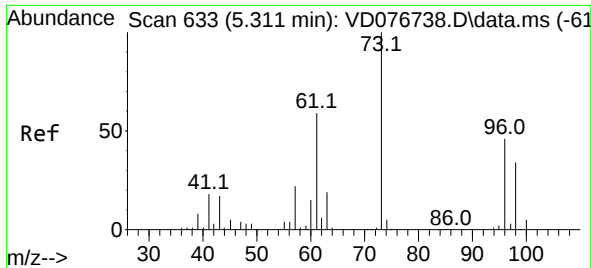
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#18
Methyl Acetate
Concen: 19.478 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.001 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 43 Resp: 32801
Ion Ratio Lower Upper
43 100
74 32.0 26.4 39.6





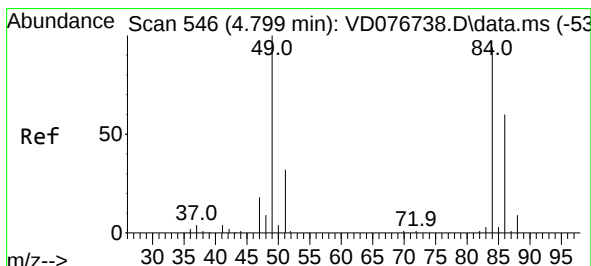
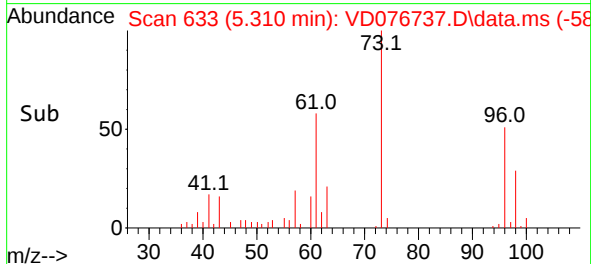
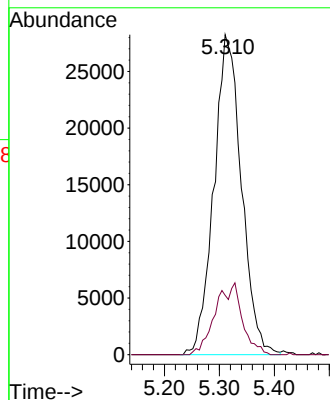
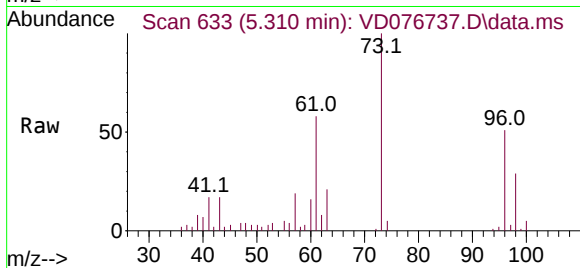
#19
Methyl tert-butyl Ether
Concen: 19.707 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.001 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 73 Resp: 98398
Ion Ratio Lower Upper
73 100
57 18.5 16.6 25.0

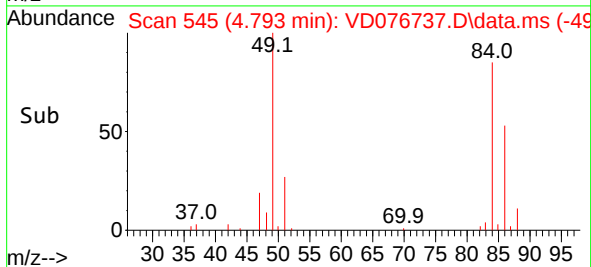
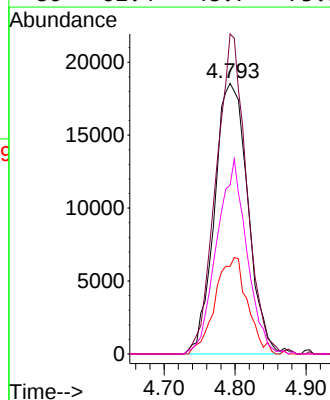
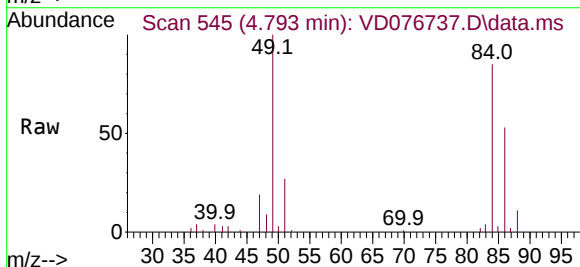
Manual Integrations
APPROVED

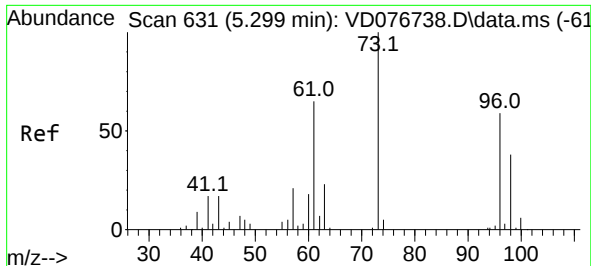
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 15.582 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

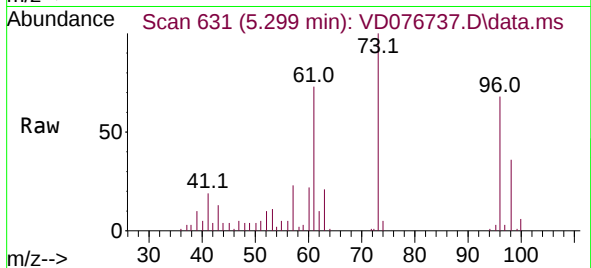
Tgt Ion: 84 Resp: 60510
Ion Ratio Lower Upper
84 100
49 118.2 71.4 107.2#
51 32.4 24.5 36.7
86 62.4 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.678 ug/l
RT: 5.299 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

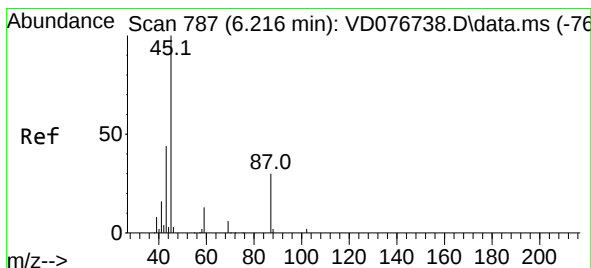
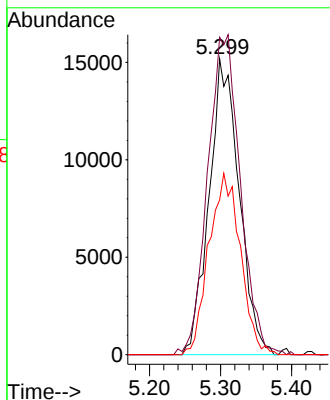
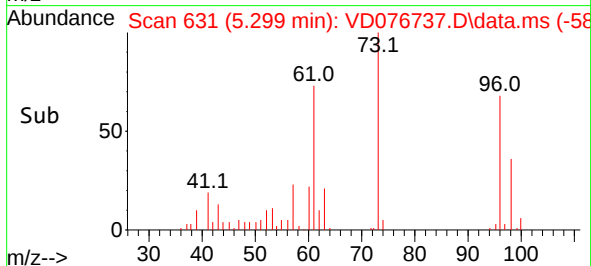
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



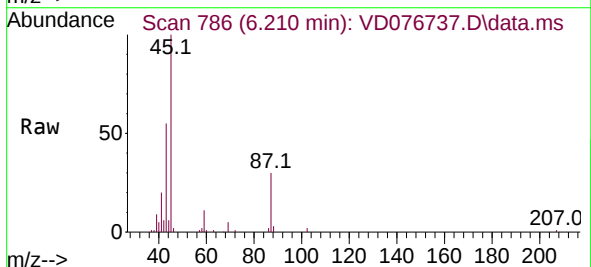
Tgt Ion: 96 Resp: 44754
Ion Ratio Lower Upper
96 100
61 106.0 89.3 133.9
98 52.3 48.6 73.0

Manual Integrations
APPROVED

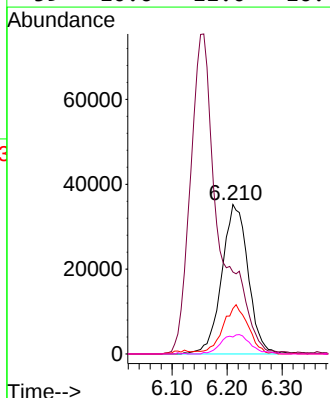
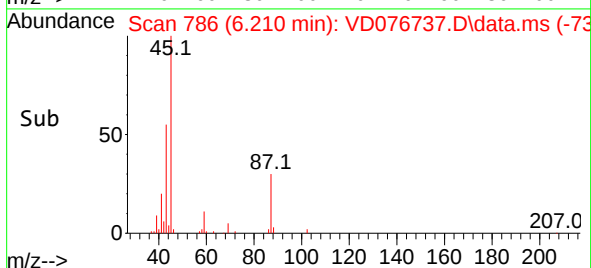
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

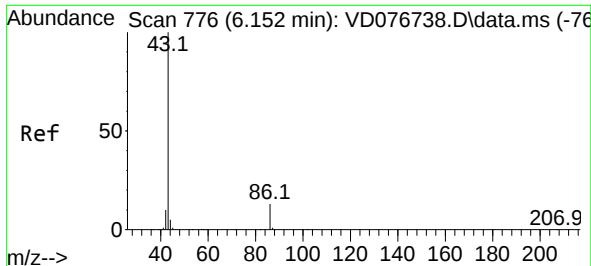


#22
Diisopropyl ether
Concen: 20.202 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50



Tgt Ion: 45 Resp: 117013
Ion Ratio Lower Upper
45 100
43 53.4 40.0 60.0
87 30.4 28.2 42.4
59 10.6 11.0 16.4#





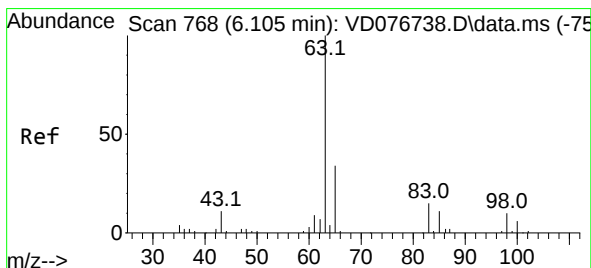
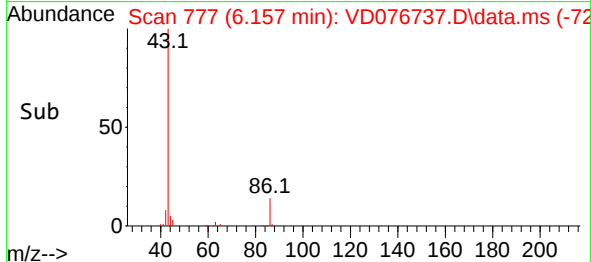
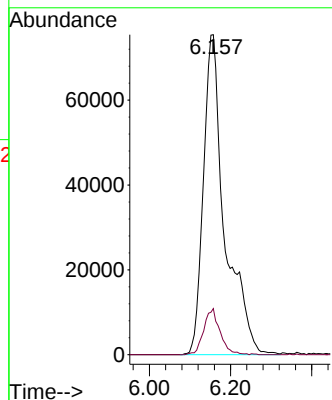
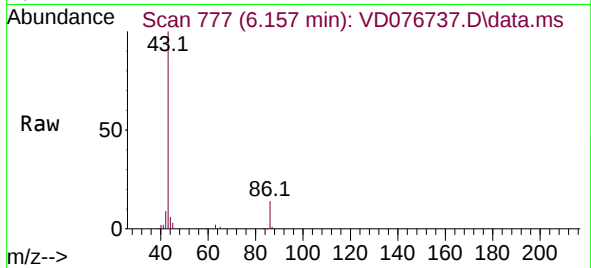
#23
Vinyl Acetate
Concen: 96.312 ug/l
RT: 6.157 min Scan# 777
Delta R.T. 0.005 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion: 43 Resp: 27601
Ion Ratio Lower Upper
43 100
86 14.4 12.5 18.7

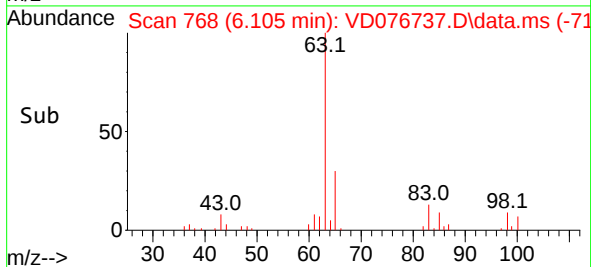
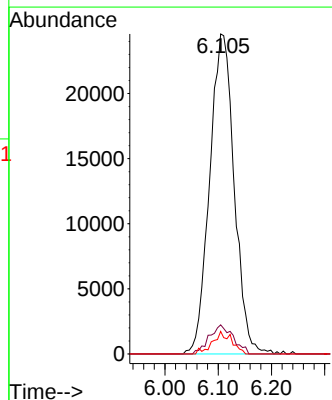
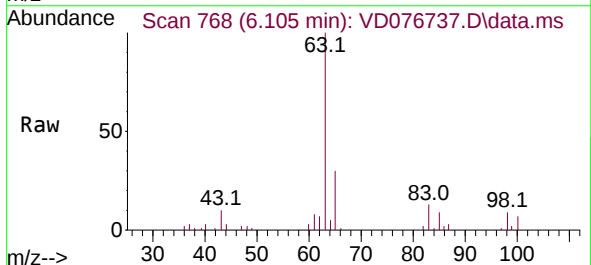
Manual Integrations
APPROVED

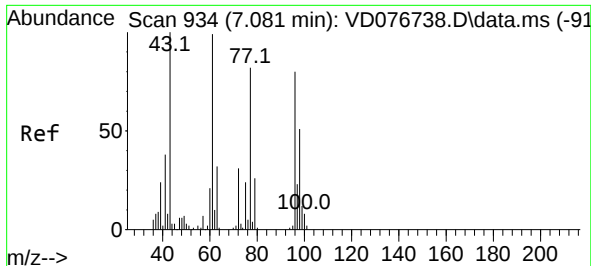
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#24
1,1-Dichloroethane
Concen: 20.194 ug/l
RT: 6.105 min Scan# 768
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 63 Resp: 78863
Ion Ratio Lower Upper
63 100
98 9.1 4.5 13.7
100 7.1 2.5 7.5





#25

2-Butanone

Concen: 96.727 ug/l

RT: 7.081 min Scan# 91

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 43 Resp: 58024

Ion Ratio Lower Upper

43 100

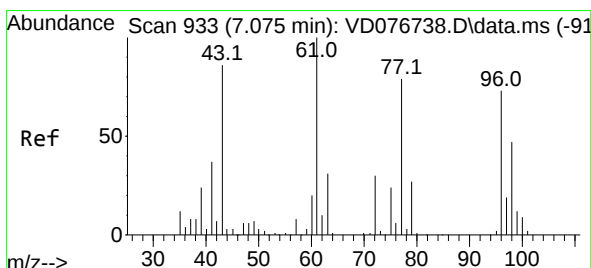
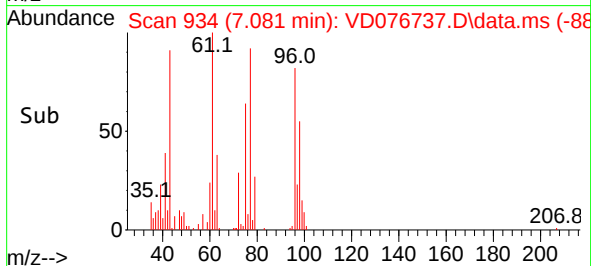
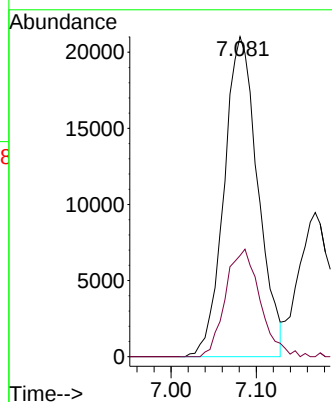
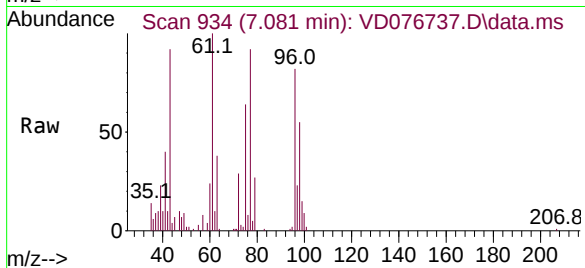
72 31.6 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#26

2,2-Dichloropropane

Concen: 20.750 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076737.D

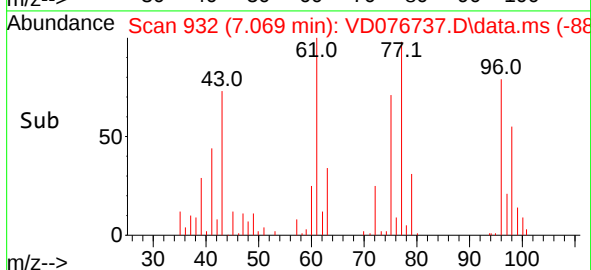
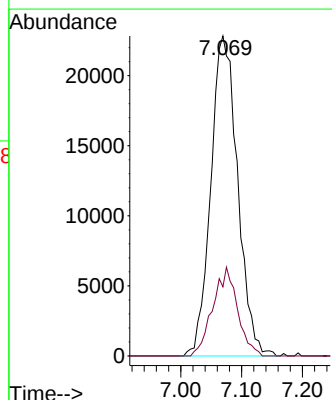
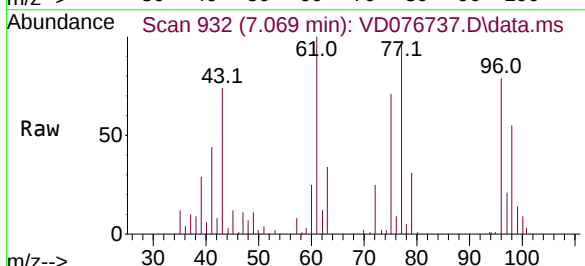
Acq: 14 Jul 2023 12:50

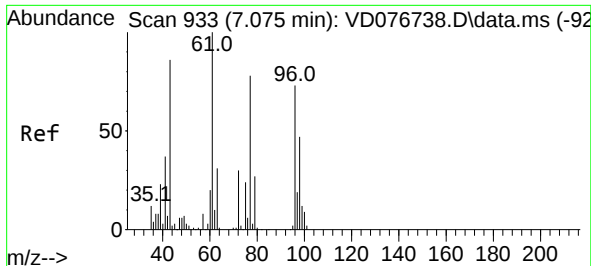
Tgt Ion: 77 Resp: 69853

Ion Ratio Lower Upper

77 100

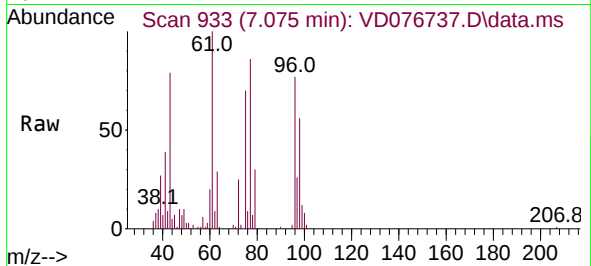
97 25.4 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.128 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

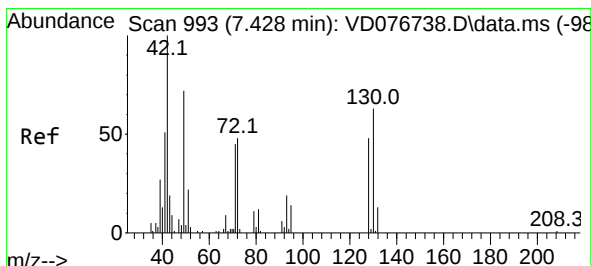
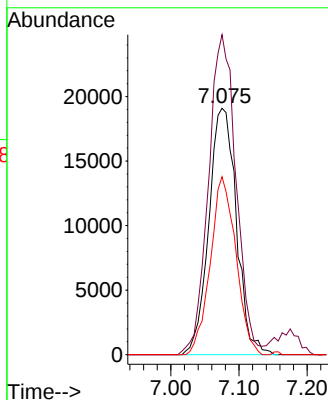
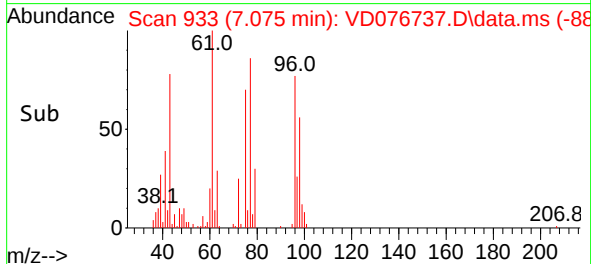
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020



Tgt Ion: 96 Resp: 5370
 Ion Ratio Lower Upper
 96 100
 61 130.1 0.0 239.2
 98 66.9 0.0 128.6

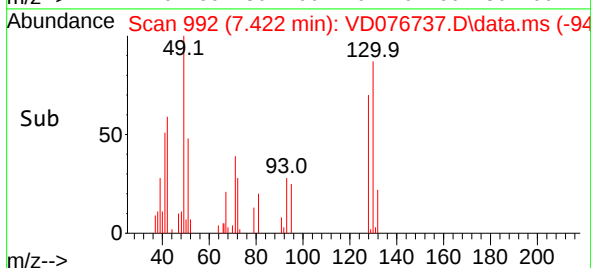
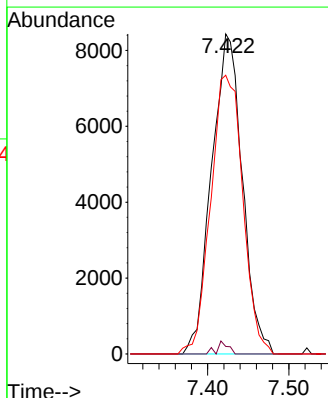
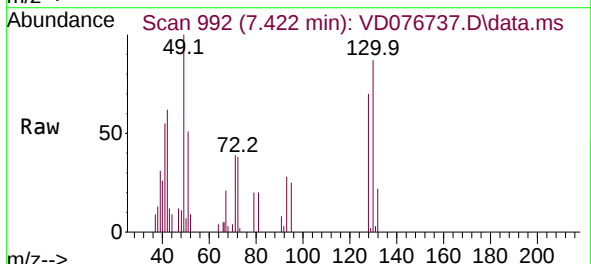
Manual Integrations
 APPROVED

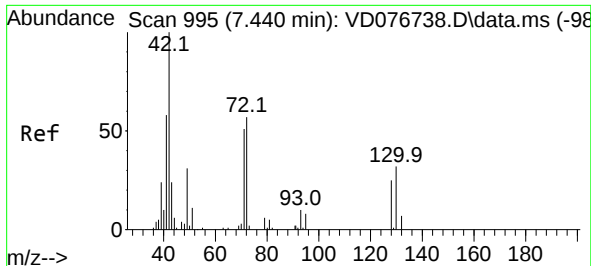
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#28
 Bromochloromethane
 Concen: 22.713 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

Tgt Ion: 49 Resp: 22176
 Ion Ratio Lower Upper
 49 100
 129 1.4 0.0 6.0
 130 90.9 83.2 124.8





#29

Tetrahydrofuran

Concen: 99.259 ug/l

RT: 7.440 min Scan# 995

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

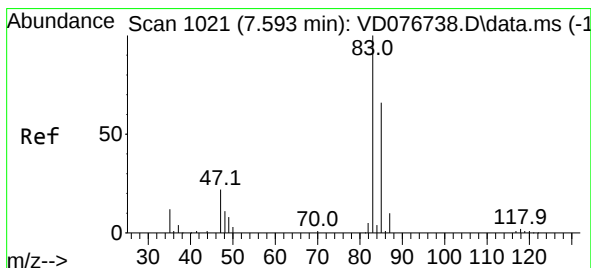
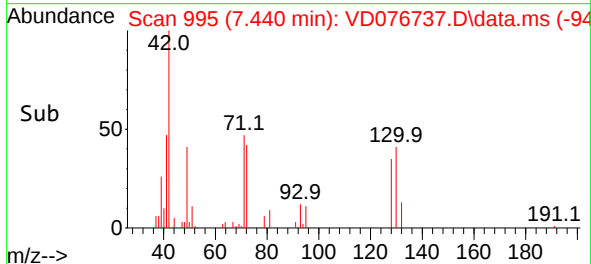
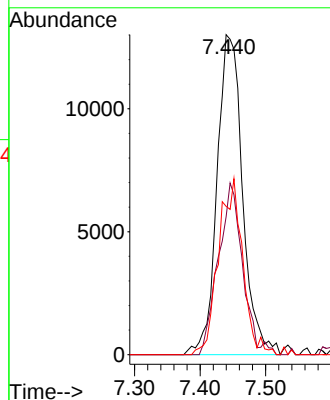
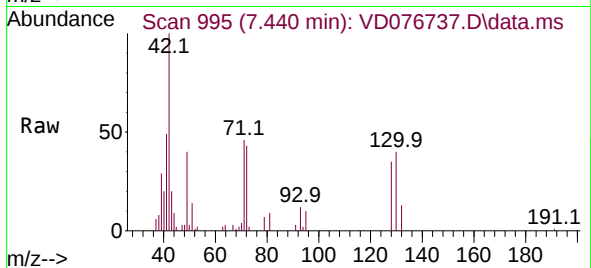
Tgt Ion: 42 Resp: 35180
 Ion Ratio Lower Upper
 42 100
 72 50.1 46.5 69.7
 71 52.2 44.5 66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Chloroform

Concen: 20.710 ug/l

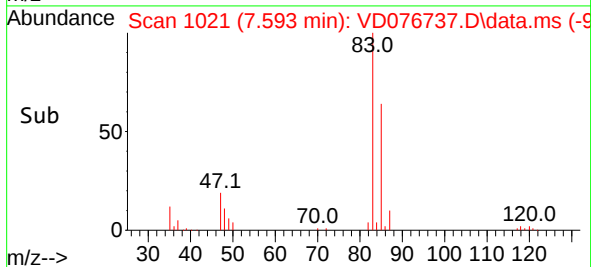
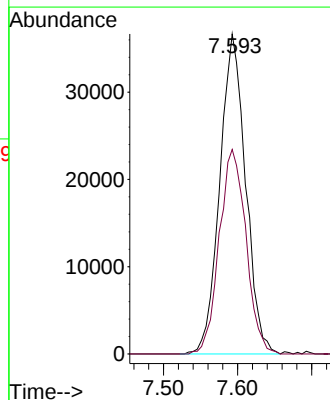
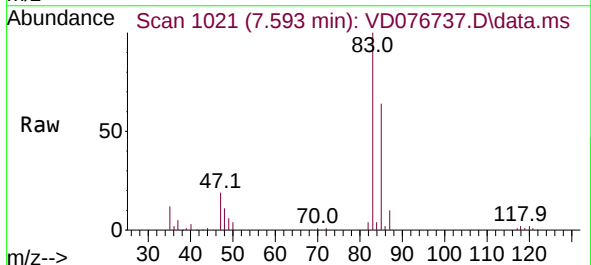
RT: 7.593 min Scan# 1021

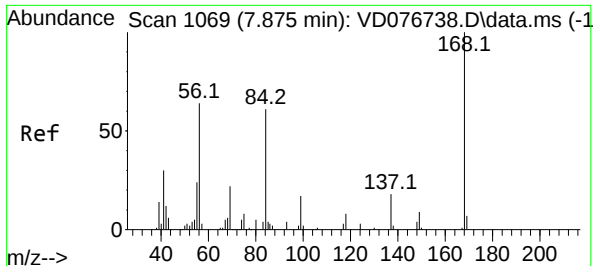
Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

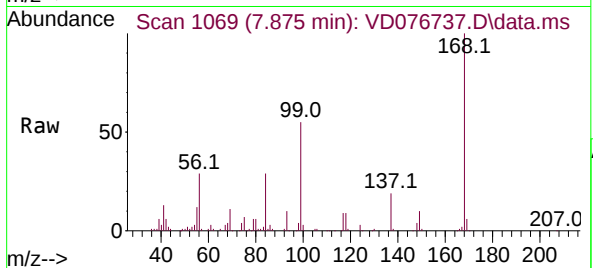
Tgt Ion: 83 Resp: 88581
 Ion Ratio Lower Upper
 83 100
 85 63.9 53.4 80.2





#31
Cyclohexane
Concen: 21.526 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

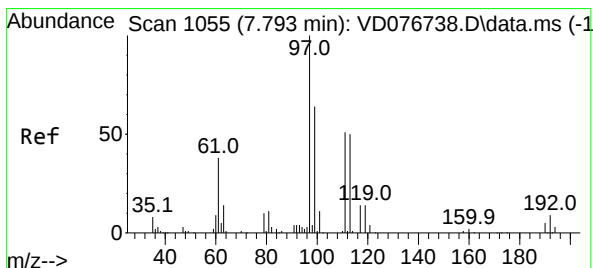
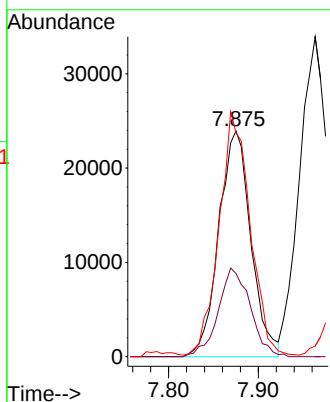
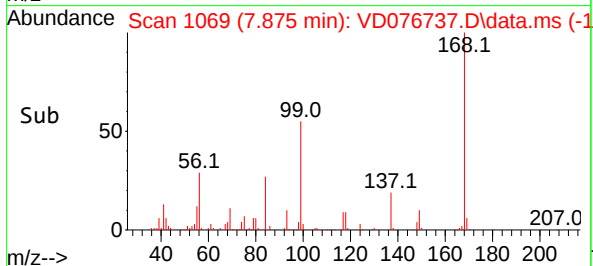
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



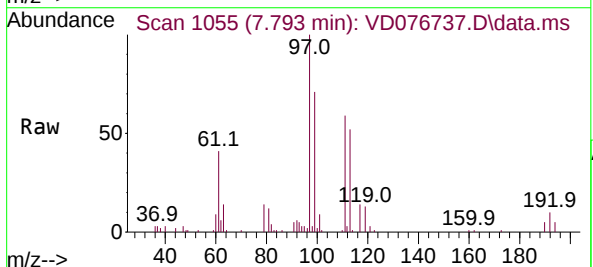
Tgt Ion: 56 Resp: 5945
Ion Ratio Lower Upper
56 100
69 36.9 28.6 43.0
84 98.3 84.8 127.2

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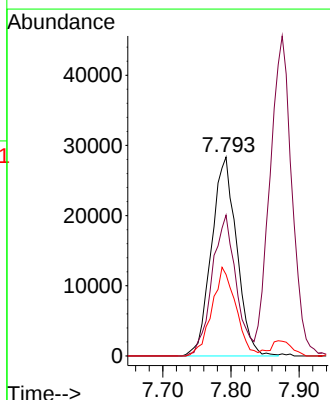
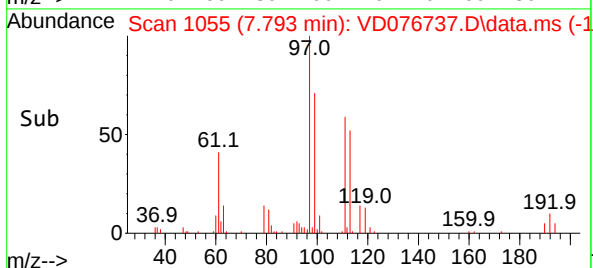
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

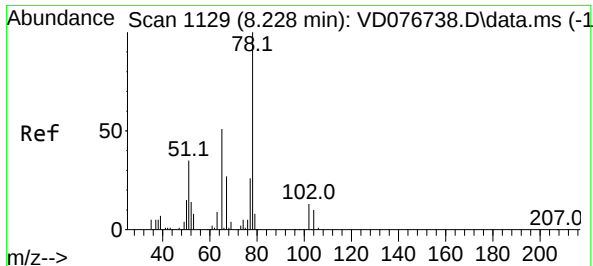


#32
1,1,1-Trichloroethane
Concen: 21.137 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50



Tgt Ion: 97 Resp: 72942
Ion Ratio Lower Upper
97 100
99 67.7 52.0 78.0
61 42.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 21.455 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 65 Resp: 4026

Ion Ratio Lower Upper

65 100

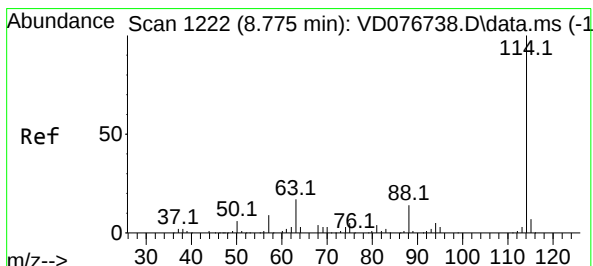
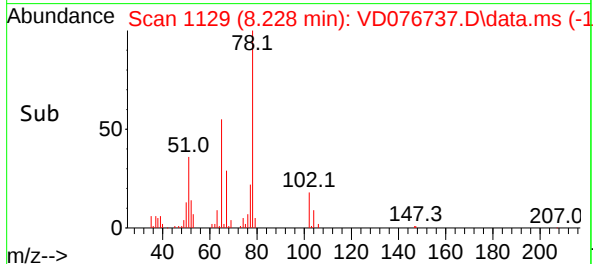
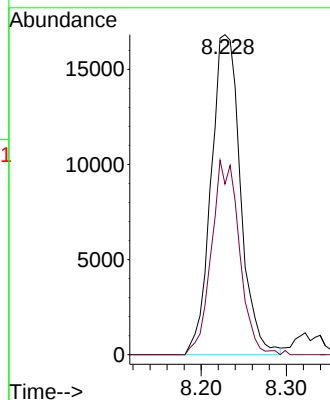
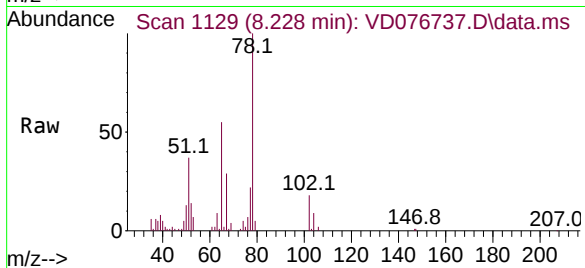
67 57.8 0.0 115.0

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: VD076737.D

Acq: 14 Jul 2023 12:50

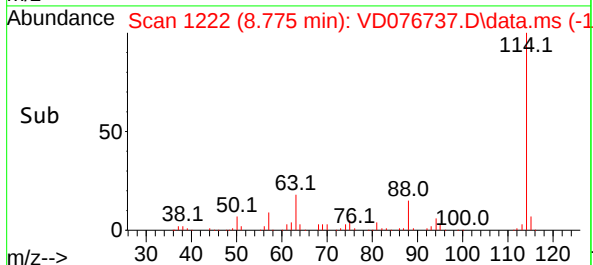
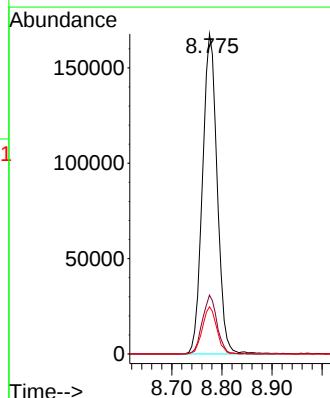
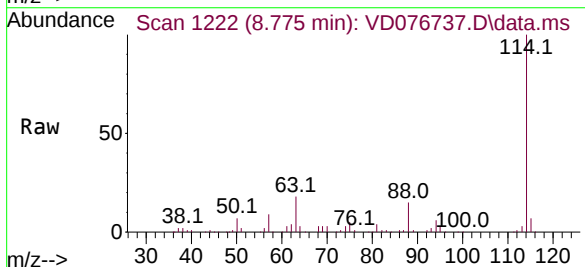
Tgt Ion:114 Resp: 341736

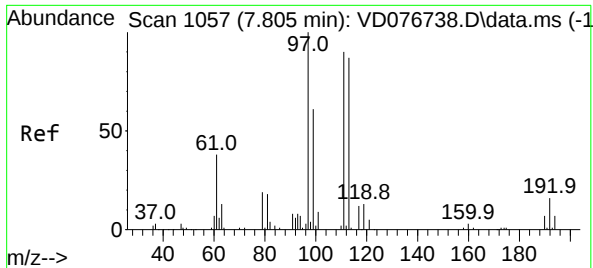
Ion Ratio Lower Upper

114 100

63 18.4 0.0 33.4

88 14.7 0.0 26.2





#35

Dibromofluoromethane

Concen: 21.955 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

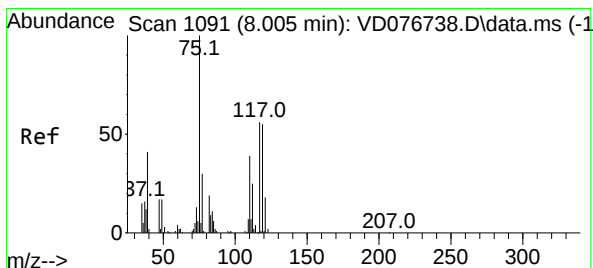
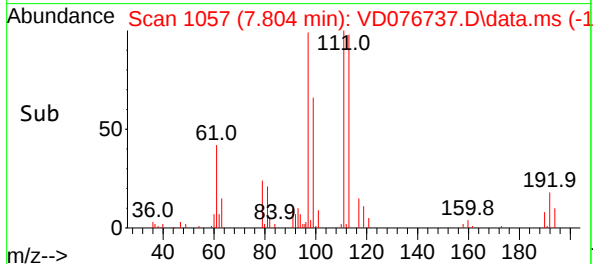
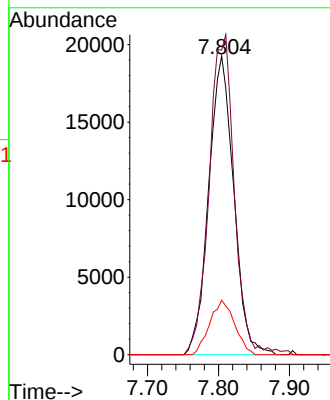
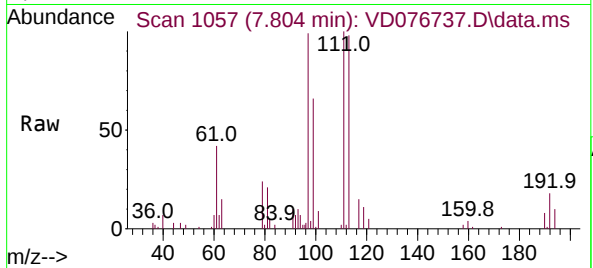
Tgt Ion:	113	Resp:	47149
Ion	Ratio	Lower	Upper
113	100		
111	107.5	84.7	127.1
192	18.1	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#36

1,1-Dichloropropene

Concen: 21.336 ug/l

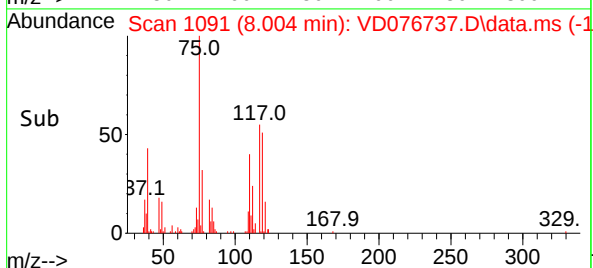
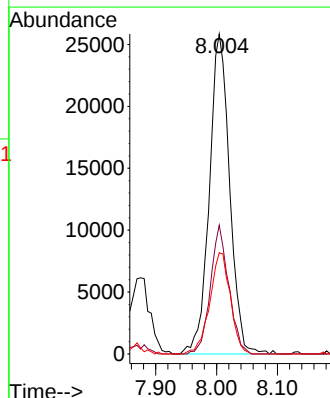
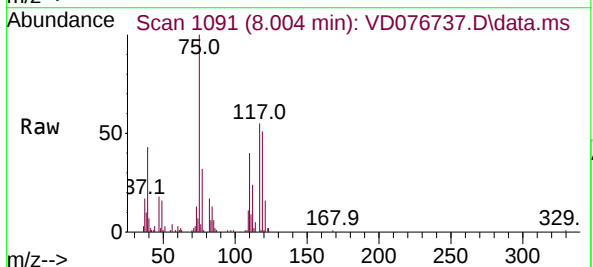
RT: 8.004 min Scan# 1091

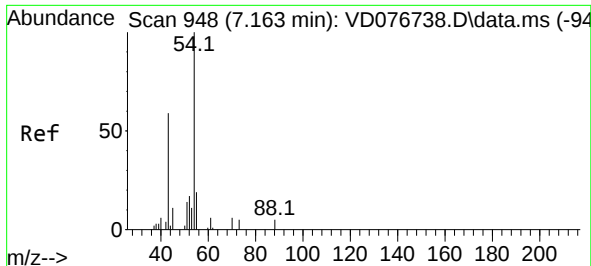
Delta R.T. -0.001 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Tgt Ion:	75	Resp:	59873
Ion	Ratio	Lower	Upper
75	100		
110	36.3	19.9	59.6
77	32.0	24.7	37.1





#37

Ethyl Acetate

Concen: 19.692 ug/l

RT: 7.169 min Scan# 948

Delta R.T. 0.006 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 43 Resp: 24712

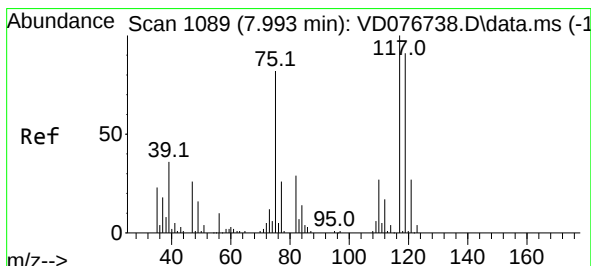
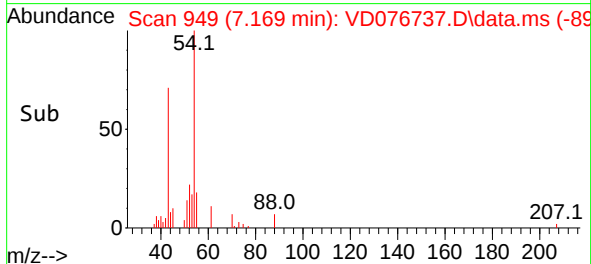
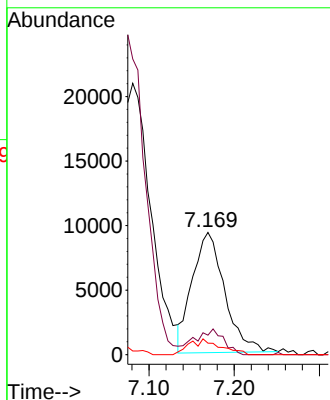
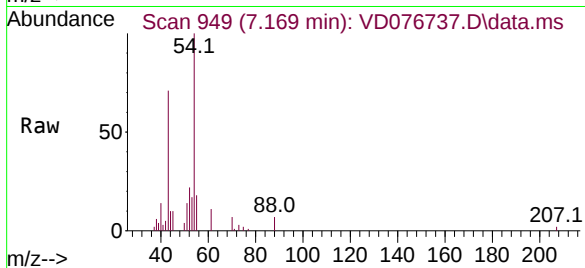
Ion	Ratio	Lower	Upper
43	100		
61	19.2	14.9	22.3
70	0.0	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#38

Carbon Tetrachloride

Concen: 21.539 ug/l

RT: 7.993 min Scan# 1089

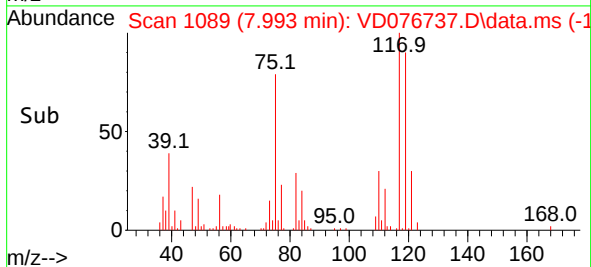
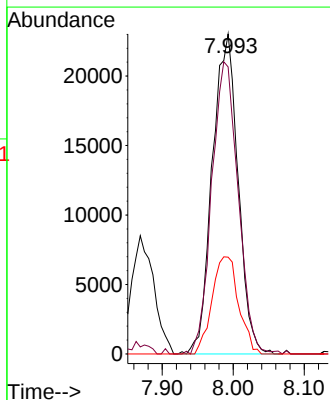
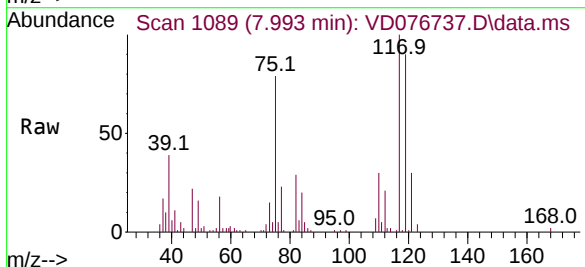
Delta R.T. -0.000 min

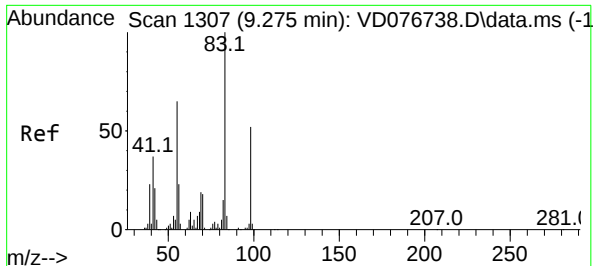
Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Tgt Ion: 117 Resp: 57874

Ion	Ratio	Lower	Upper
117	100		
119	89.7	78.0	117.0
121	30.2	24.2	36.2





#39

Methylcyclohexane

Concen: 21.483 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD076737.D

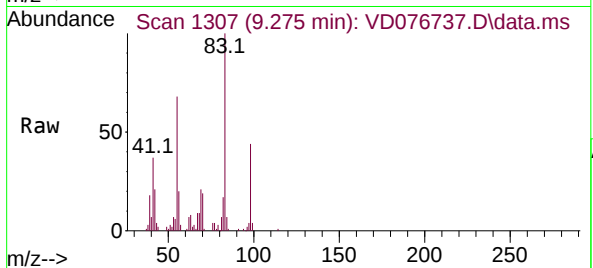
Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020



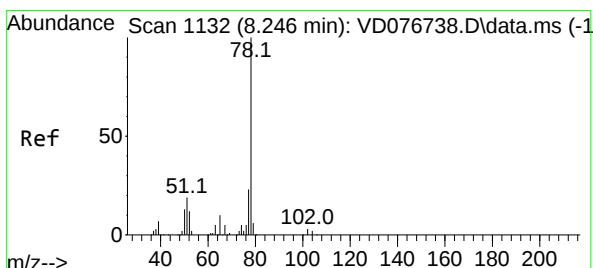
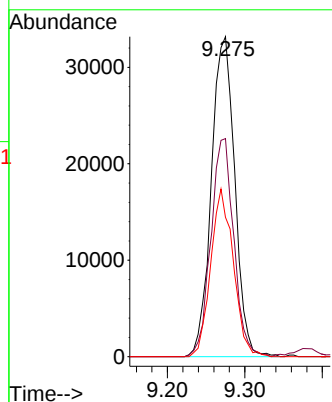
Tgt Ion:	83	Resp:	69610
Ion	Ratio	Lower	Upper
83	100		
55	68.1	49.4	74.0
98	43.6	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#40

Benzene

Concen: 20.823 ug/l

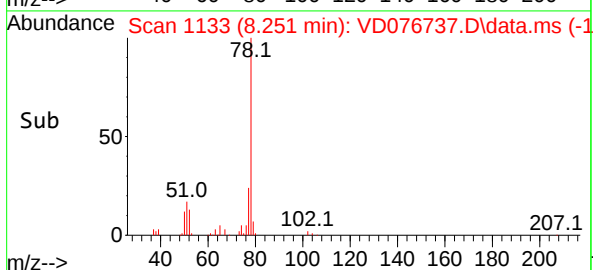
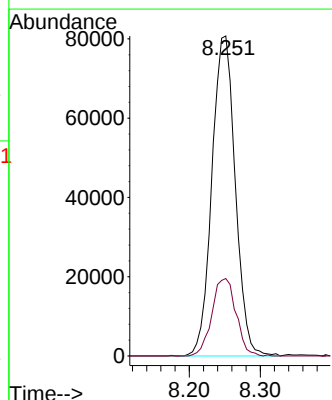
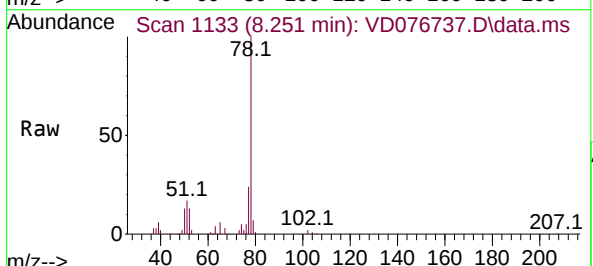
RT: 8.251 min Scan# 1133

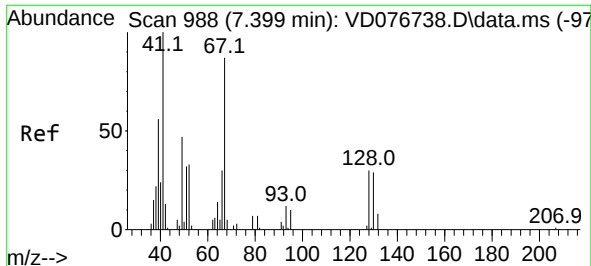
Delta R.T. 0.005 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

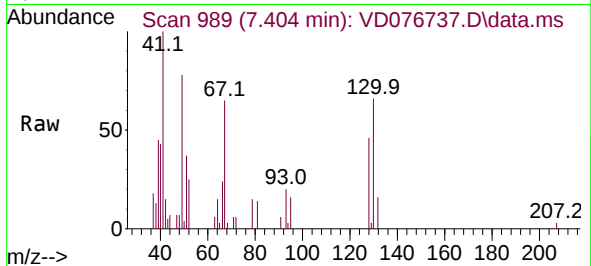
Tgt Ion:	78	Resp:	184372
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.4	29.0





#41
Methacrylonitrile
Concen: 20.624 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.005 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

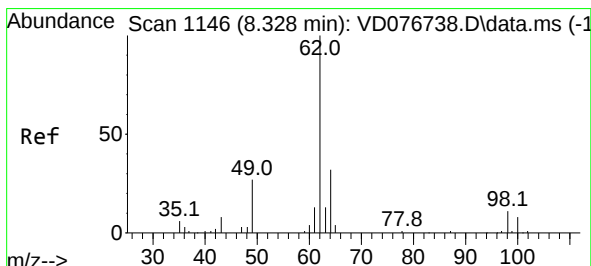
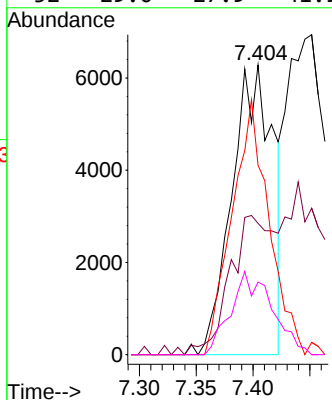
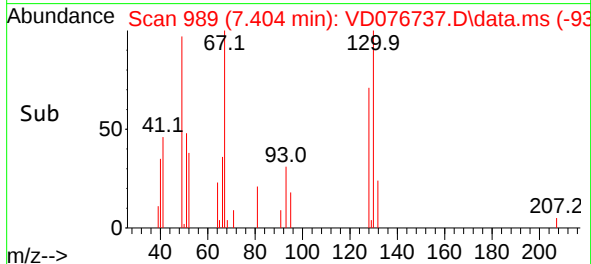
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 41 Resp: 1580
Ion Ratio Lower Upper
41 100
39 52.9 34.0 51.0
67 78.9 77.0 115.4
52 29.0 27.9 41.9

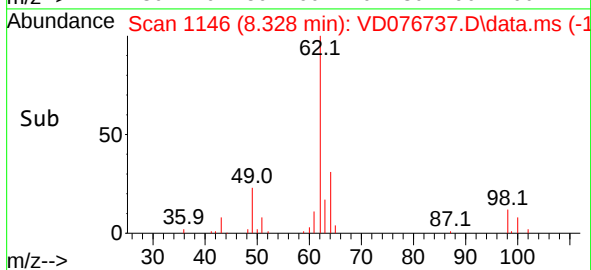
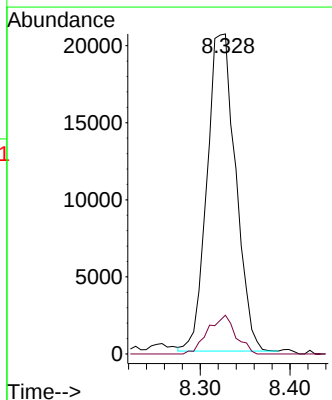
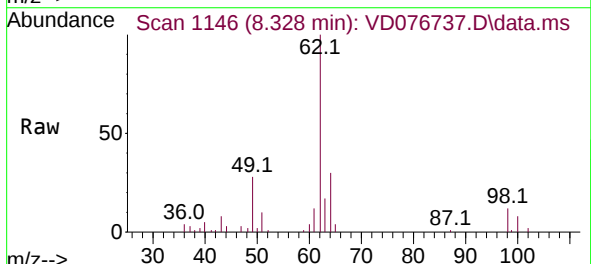
Manual Integrations
APPROVED

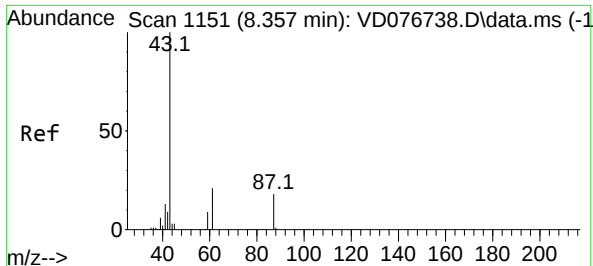
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#42
1,2-Dichloroethane
Concen: 19.837 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

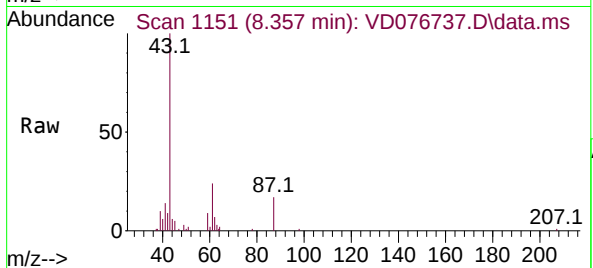
Tgt Ion: 62 Resp: 45636
Ion Ratio Lower Upper
62 100
98 11.8 0.0 25.4





#43
Isopropyl Acetate
Concen: 19.204 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

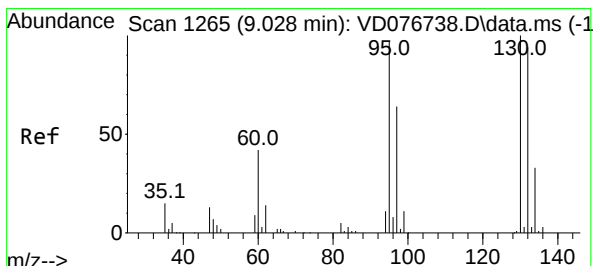
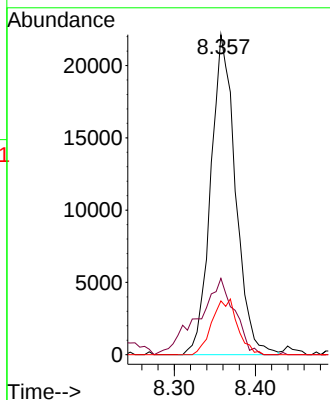
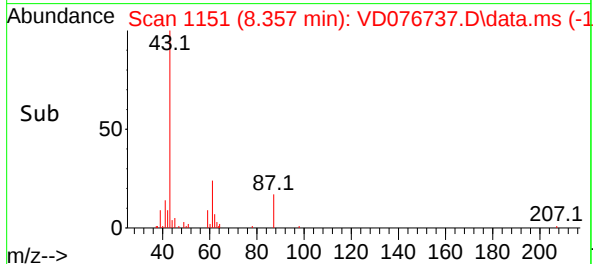
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



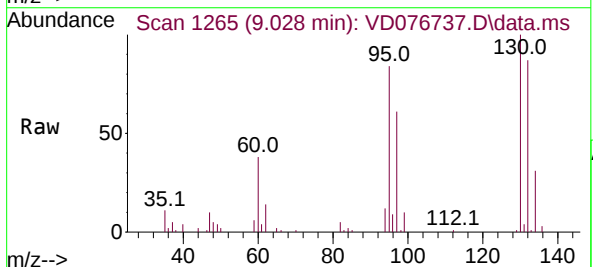
Tgt Ion: 43 Resp: 4703
Ion Ratio Lower Upper
43 100
61 34.9 31.4 47.0
87 17.9 14.9 22.3

Manual Integrations
APPROVED

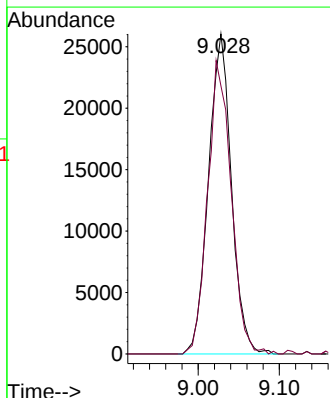
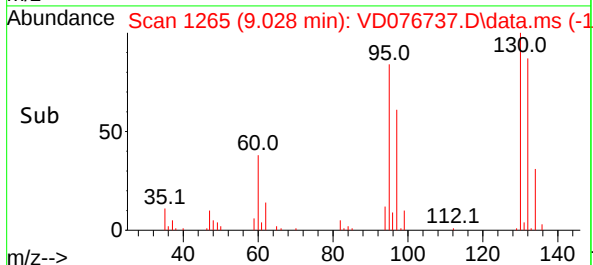
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

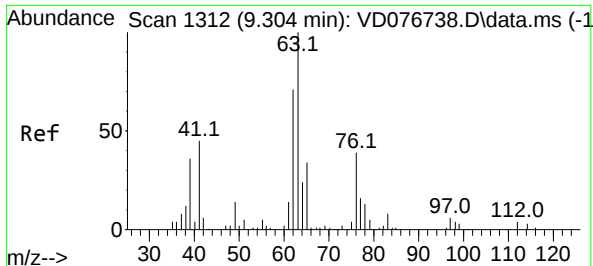


#44
Trichloroethene
Concen: 21.209 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50



Tgt Ion:130 Resp: 51172
Ion Ratio Lower Upper
130 100
95 83.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.591 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion: 63 Resp: 47063

Ion Ratio Lower Upper

63 100

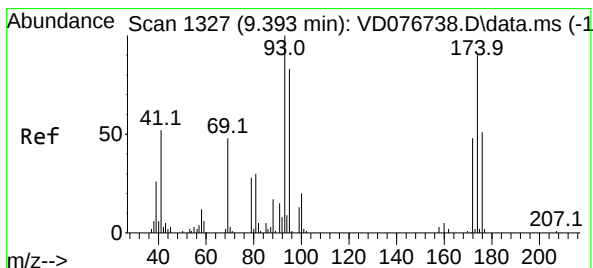
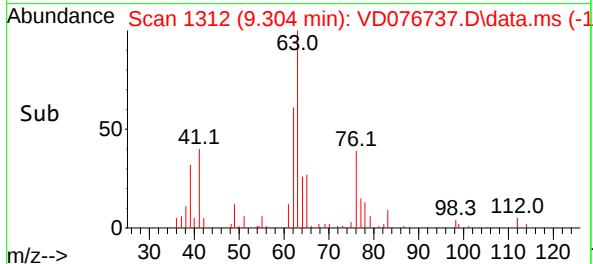
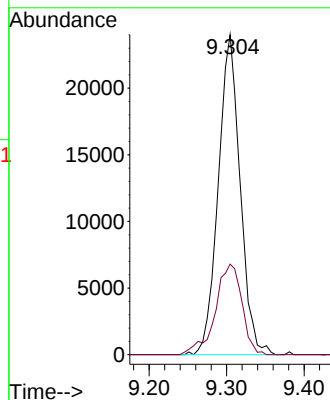
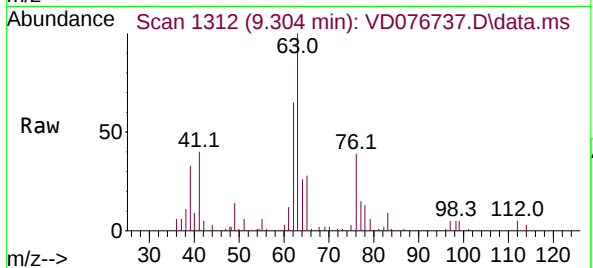
65 28.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#46

Dibromomethane

Concen: 20.334 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

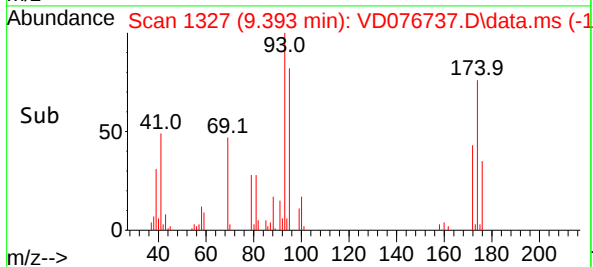
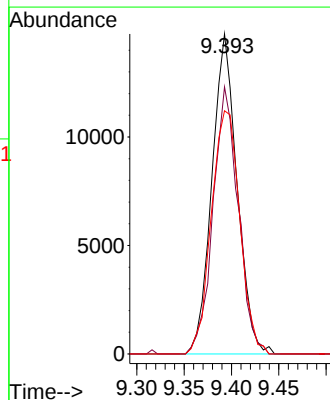
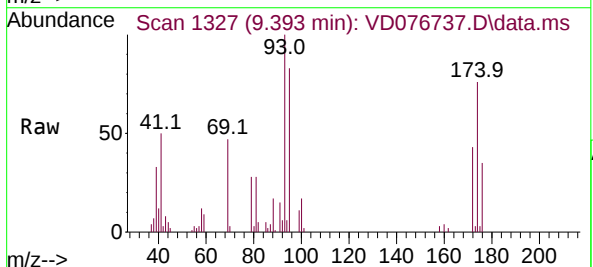
Tgt Ion: 93 Resp: 27204

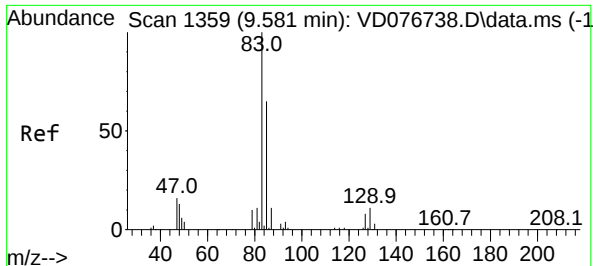
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 86.1 85.4 128.2





#47

Bromodichloromethane

Concen: 20.547 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

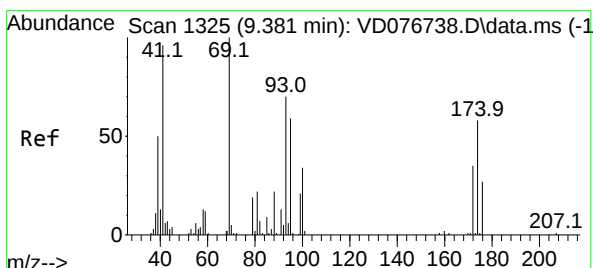
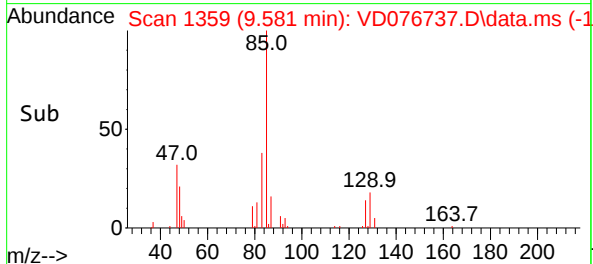
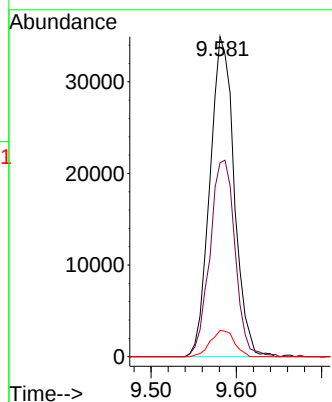
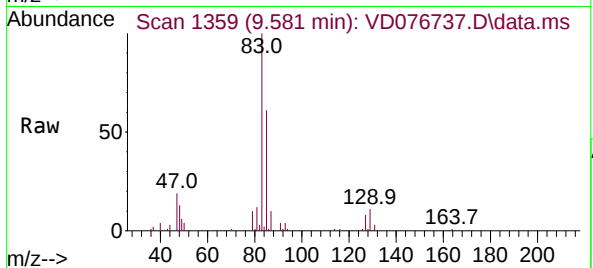
Tgt Ion:	83	Resp:	6898
Ion Ratio	Lower	Upper	
83	100		
85	60.6	50.2	75.4
127	8.2	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#48

Methyl methacrylate

Concen: 19.782 ug/l

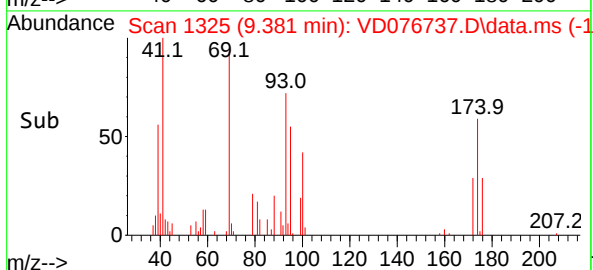
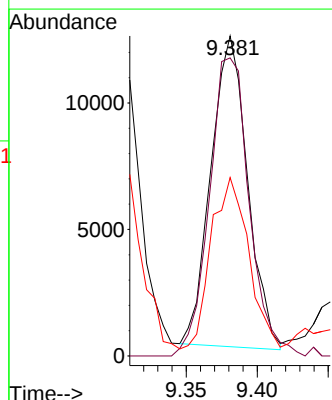
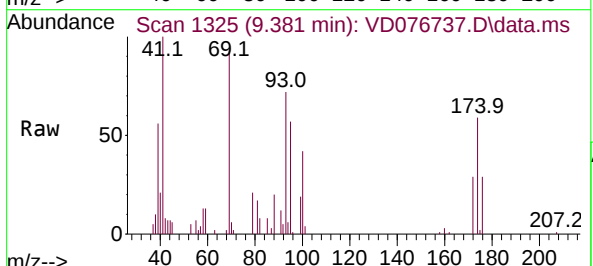
RT: 9.381 min Scan# 1325

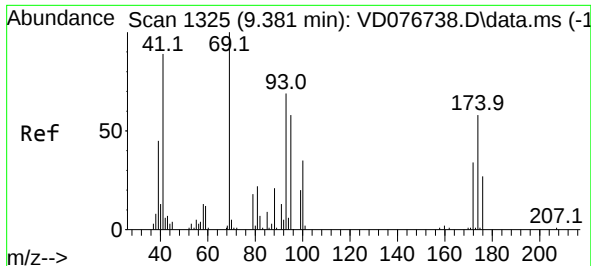
Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Tgt Ion:	41	Resp:	22051
Ion Ratio	Lower	Upper	
41	100		
69	104.3	102.2	153.2
39	56.2	41.4	62.2





#49

1,4-Dioxane

Concen: 377.057 ug/l

RT: 9.387 min Scan# 1325

Delta R.T. 0.006 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

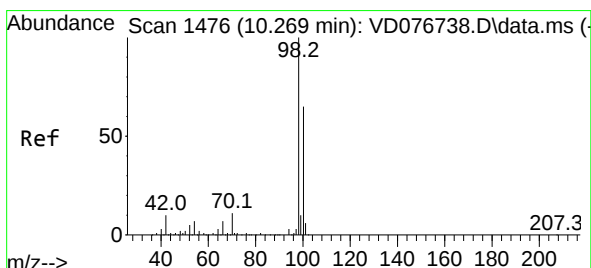
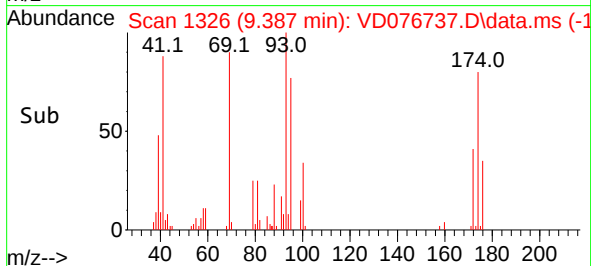
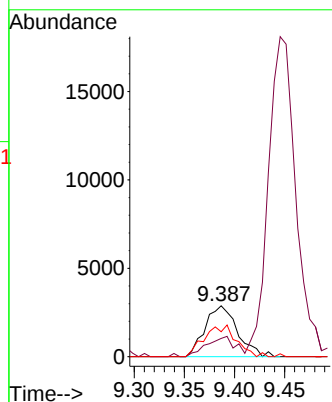
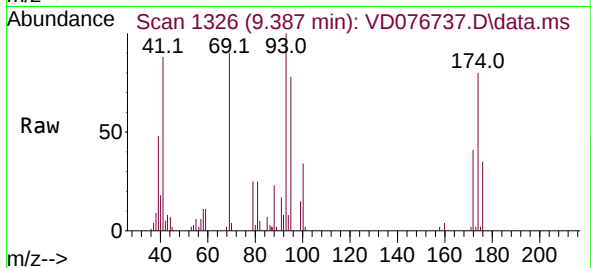
Tgt Ion: 88	Resp: 646
Ion Ratio	Lower Upper
88	100
43	34.6 19.0 28.6
58	61.2 43.5 65.3

Manual Integrations

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Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#50

Toluene-d8

Concen: 22.608 ug/l

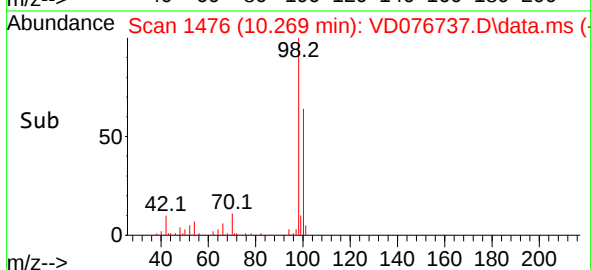
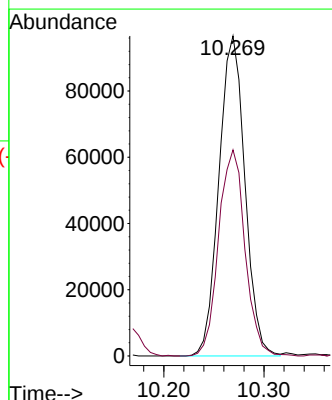
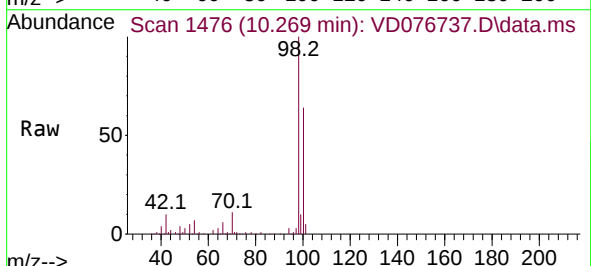
RT: 10.269 min Scan# 1476

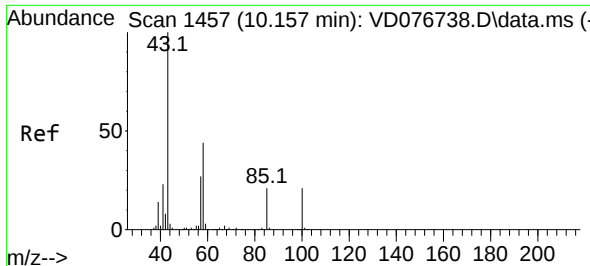
Delta R.T. 0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Tgt Ion: 98	Resp: 173680
Ion Ratio	Lower Upper
98	100
100	65.4 50.3 75.5





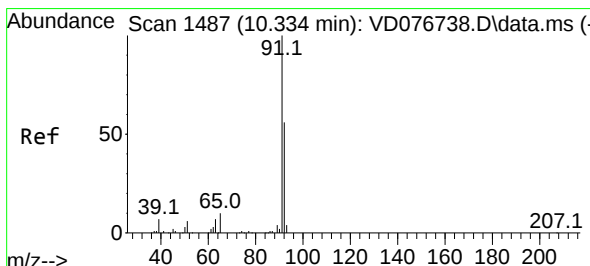
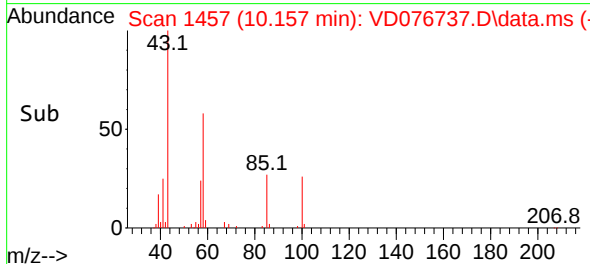
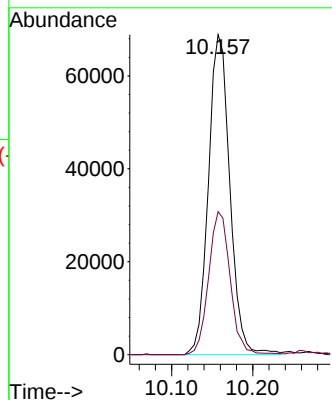
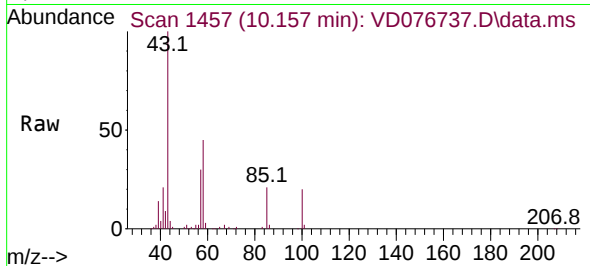
#51
4-Methyl-2-Pentanone
Concen: 96.943 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 43 Resp: 126415
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3

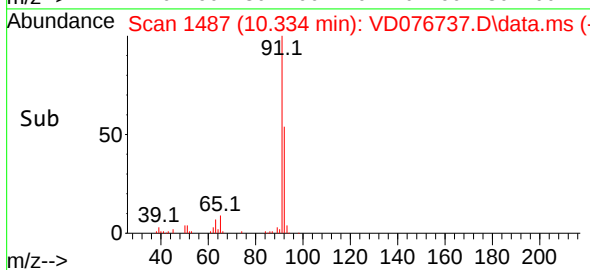
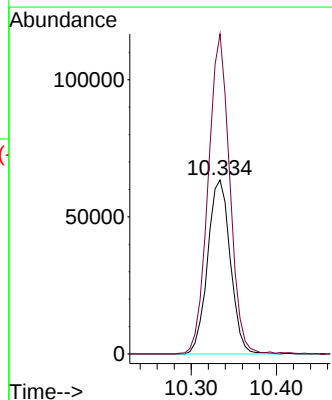
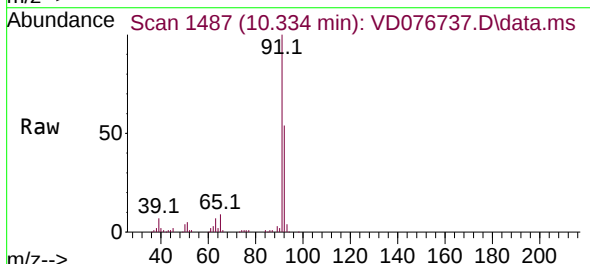
Manual Integrations
APPROVED

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



#52
Toluene
Concen: 20.119 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 92 Resp: 116995
Ion Ratio Lower Upper
92 100
91 174.8 143.0 214.4





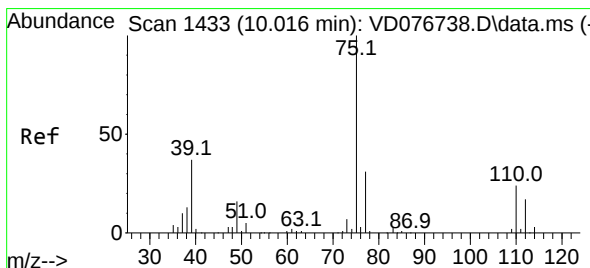
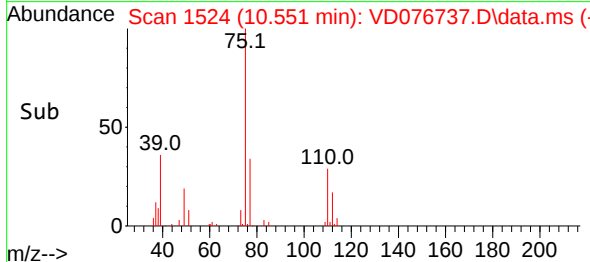
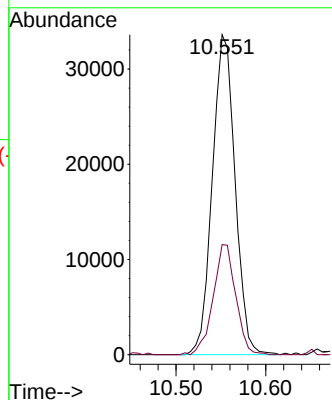
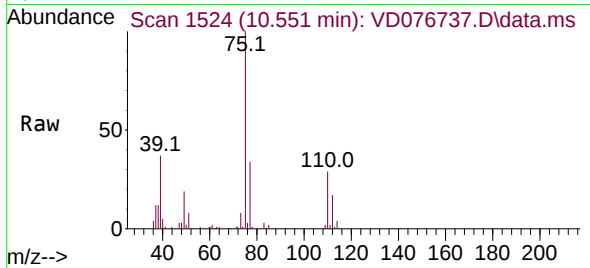
#53
t-1,3-Dichloropropene
Concen: 18.979 ug/l
RT: 10.551 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 75 Resp: 5914
Ion Ratio Lower Upper
75 100
77 34.4 25.3 37.9

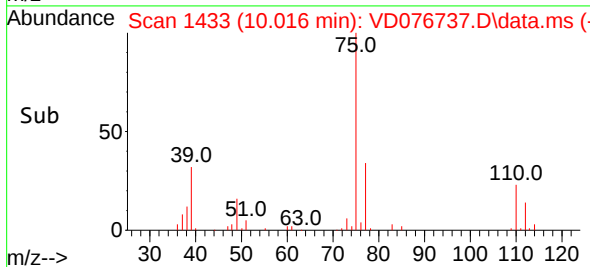
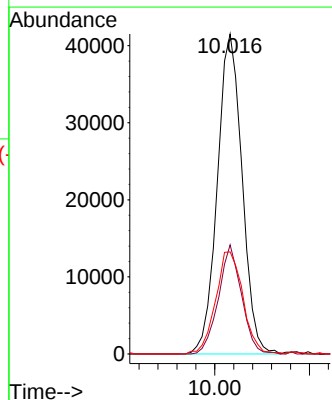
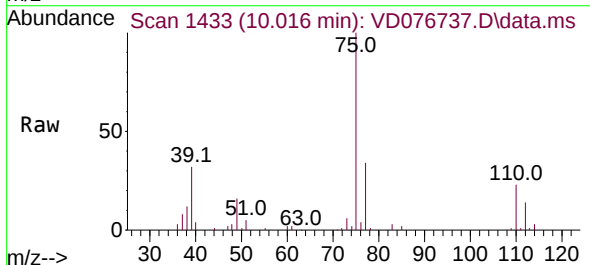
Manual Integrations
APPROVED

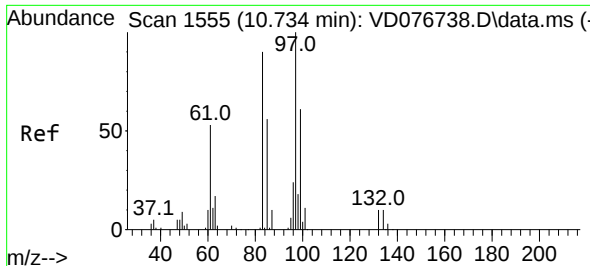
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#54
cis-1,3-Dichloropropene
Concen: 20.512 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

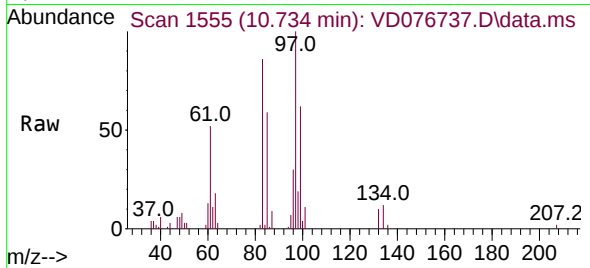
Tgt Ion: 75 Resp: 75330
Ion Ratio Lower Upper
75 100
77 34.1 25.5 38.3
39 31.9 22.1 33.1





#55
1,1,2-Trichloroethane
Concen: 19.963 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

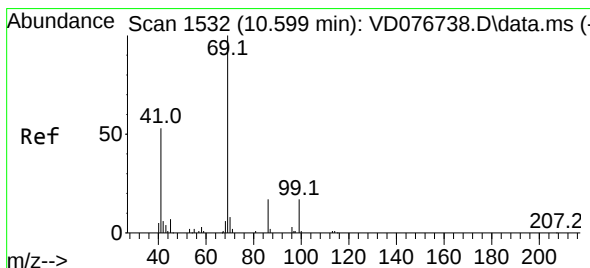
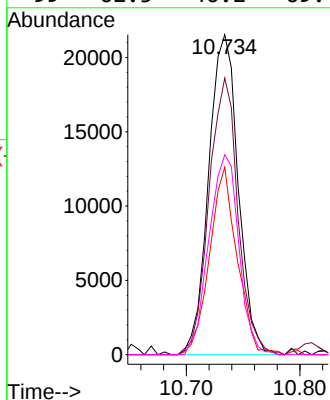
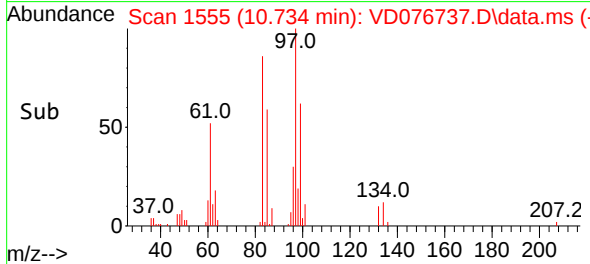
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 97	Resp: 3899
Ion Ratio	Lower Upper
97 100	
83 86.4	65.8 98.6
85 58.6	45.7 68.5
99 62.5	46.2 69.4

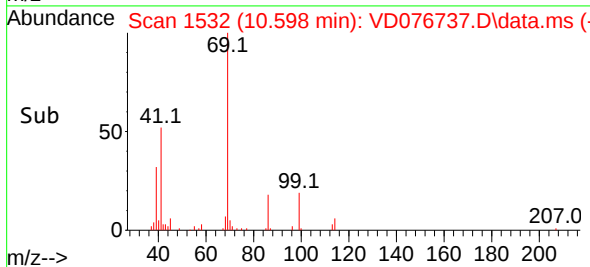
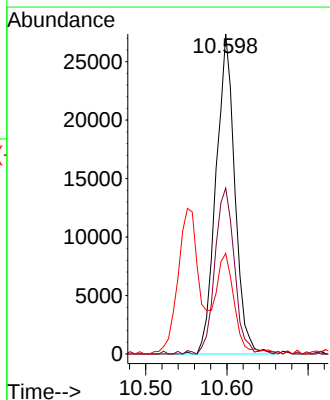
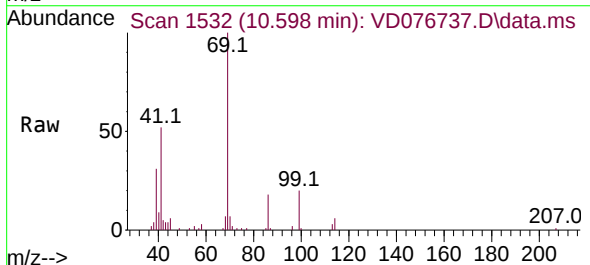
Manual Integrations
APPROVED

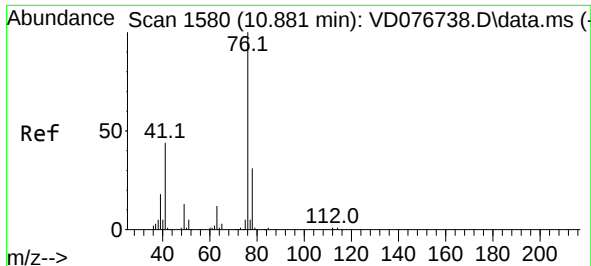
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#56
Ethyl methacrylate
Concen: 19.558 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.001 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 69	Resp: 44099
Ion Ratio	Lower Upper
69 100	
41 54.3	39.1 58.7
39 29.5	20.0 30.0





#57

1,3-Dichloropropane

Concen: 20.291 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC020

Tgt Ion: 76 Resp: 6455

Ion Ratio Lower Upper

76 100

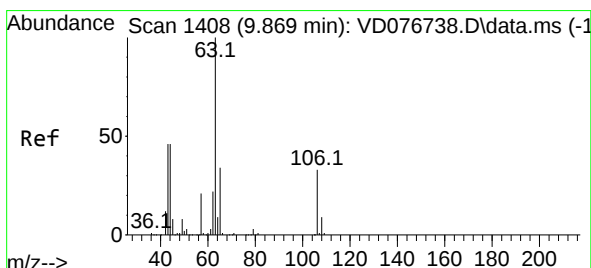
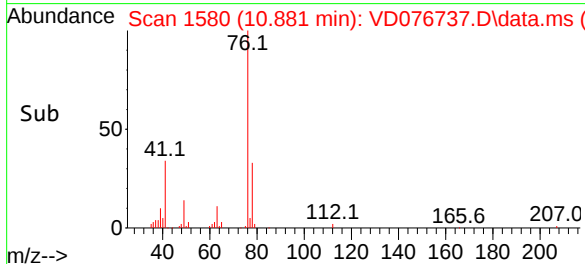
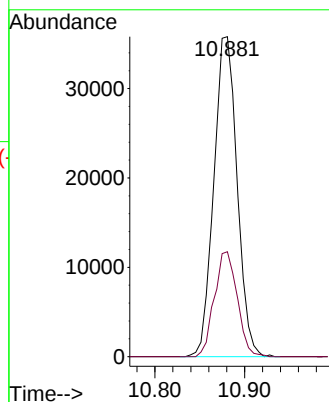
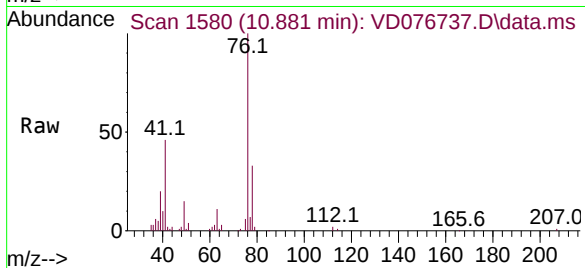
78 32.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 100.703 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076737.D

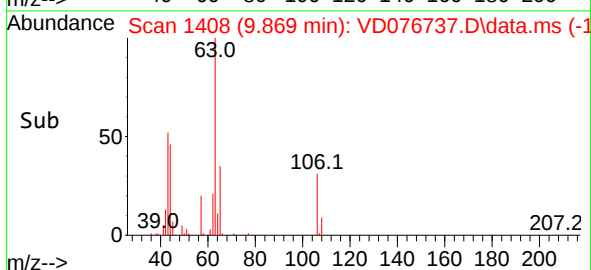
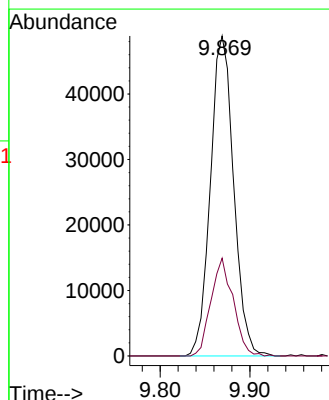
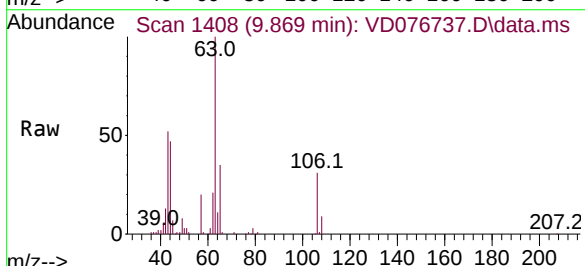
Acq: 14 Jul 2023 12:50

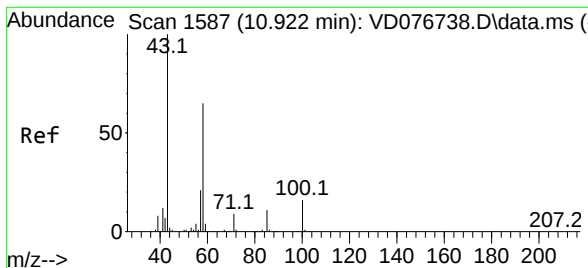
Tgt Ion: 63 Resp: 87893

Ion Ratio Lower Upper

63 100

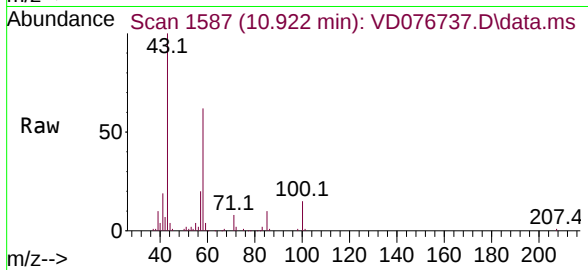
106 29.2 25.3 37.9





#59
2-Hexanone
Concen: 94.834 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

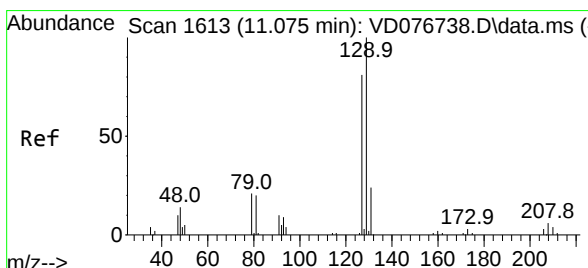
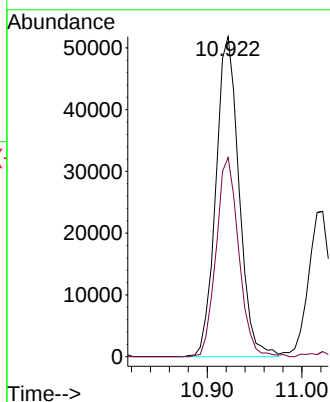
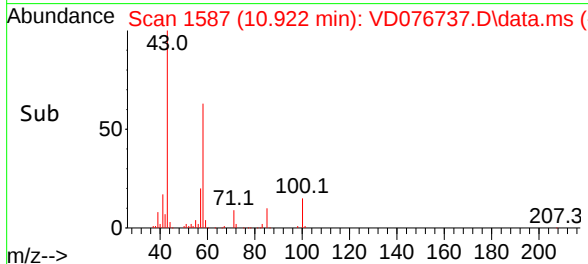
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 43 Resp: 88240
Ion Ratio Lower Upper
43 100
58 60.6 34.1 102.2

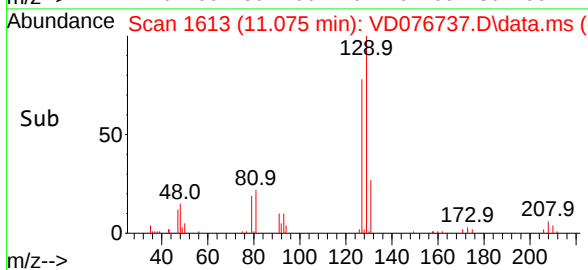
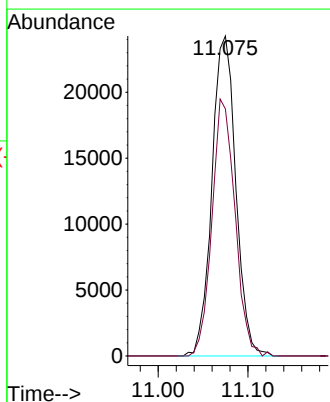
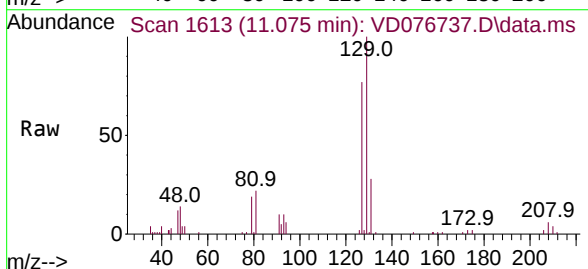
Manual Integrations
APPROVED

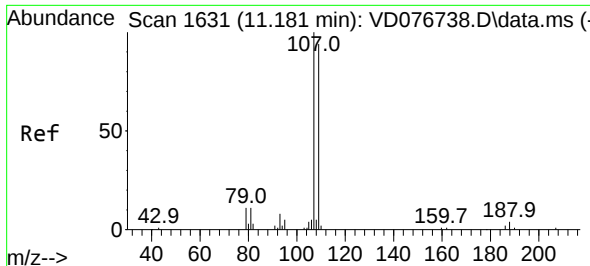
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
Dibromochloromethane
Concen: 19.757 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

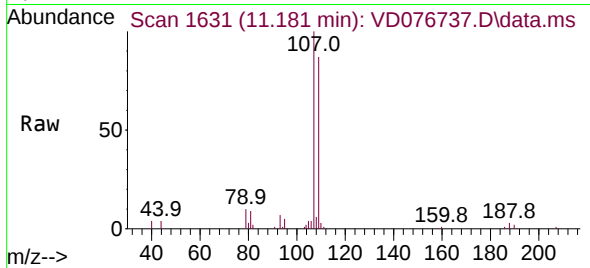
Tgt Ion:129 Resp: 44838
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5





#61
1,2-Dibromoethane
Concen: 19.964 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

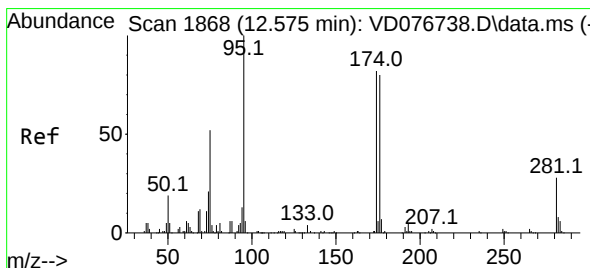
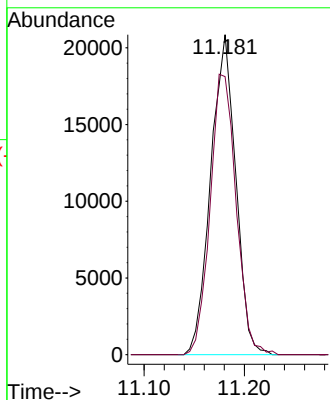
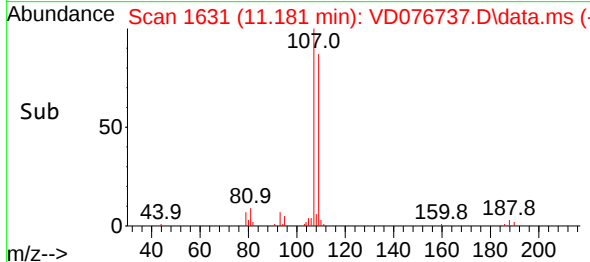
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



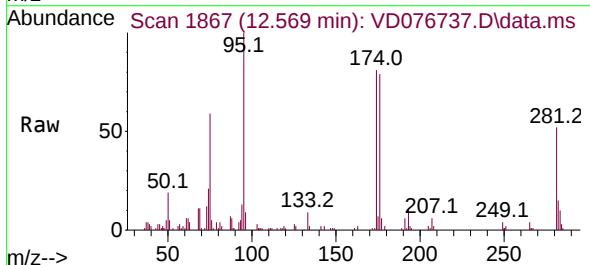
Tgt Ion:107 Resp: 36159
Ion Ratio Lower Upper
107 100
109 90.9 75.6 113.4

Manual Integrations
APPROVED

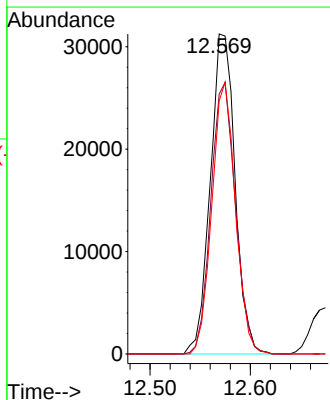
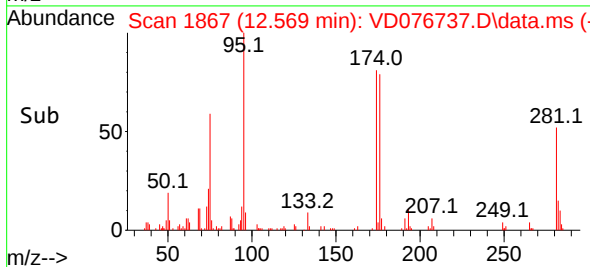
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

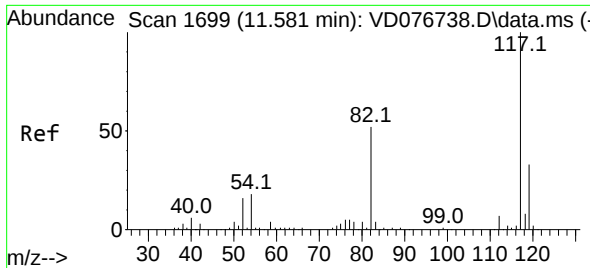


#62
4-Bromofluorobenzene
Concen: 21.541 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50



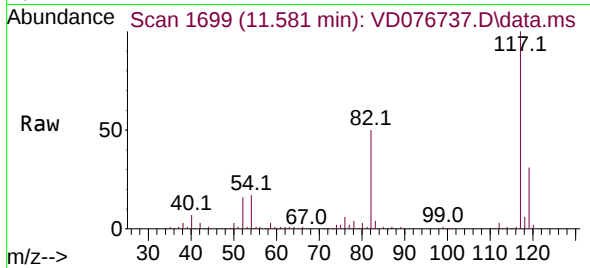
Tgt Ion: 95 Resp: 53534
Ion Ratio Lower Upper
95 100
174 84.1 0.0 201.8
176 80.7 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

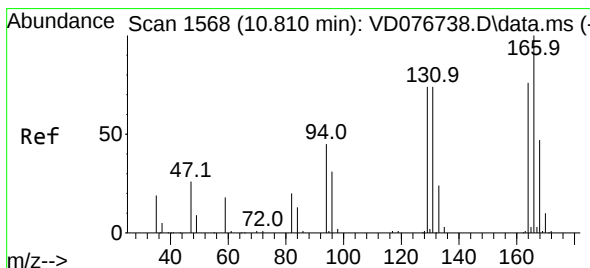
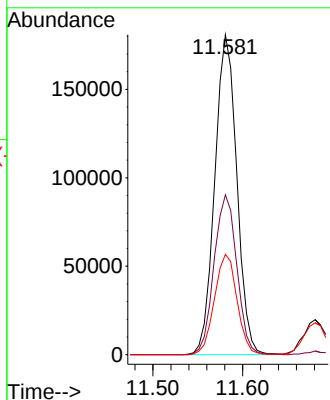
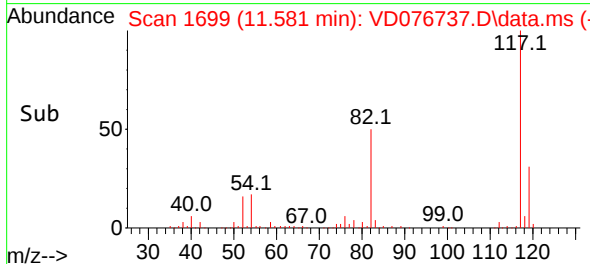
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



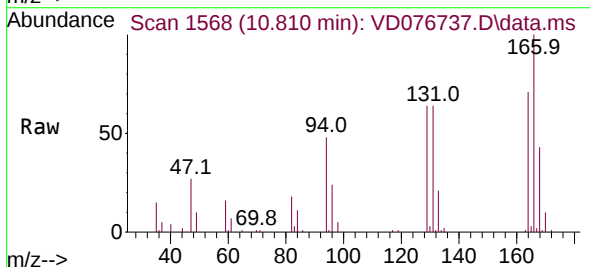
Tgt Ion:117 Resp: 30812
Ion Ratio Lower Upper
117 100
82 49.9 38.3 57.5
119 31.4 25.0 37.4

Manual Integrations
APPROVED

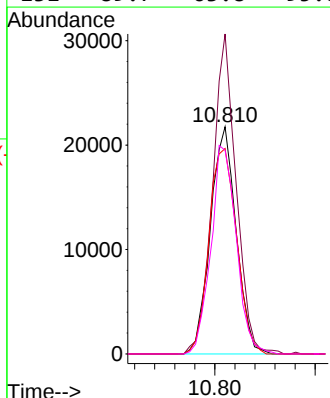
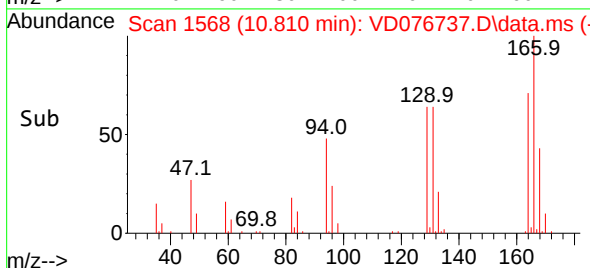
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

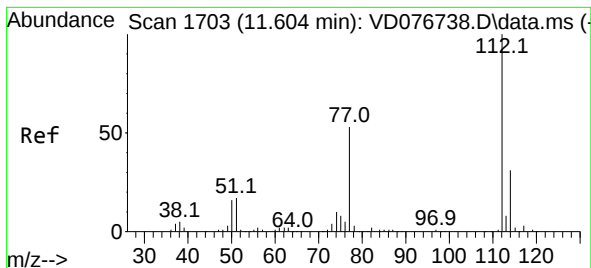


#64
Tetrachloroethene
Concen: 22.079 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50



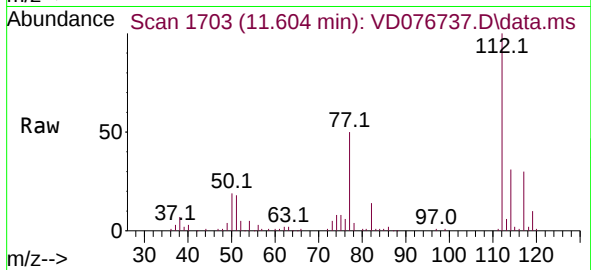
Tgt Ion:164 Resp: 38792
Ion Ratio Lower Upper
164 100
166 140.9 99.2 148.8
129 90.4 68.4 102.6
131 89.7 63.8 95.8





#65
Chlorobenzene
Concen: 21.220 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

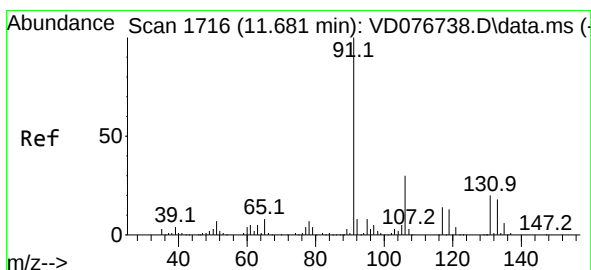
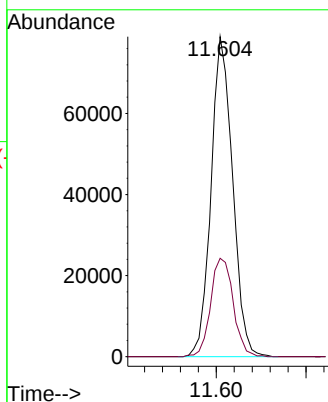
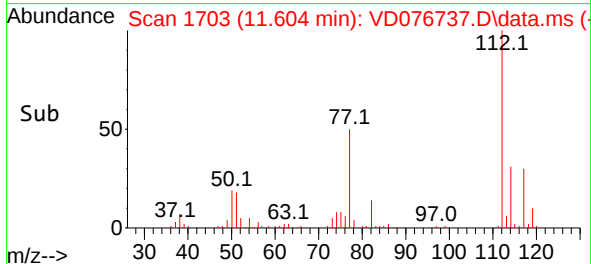
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



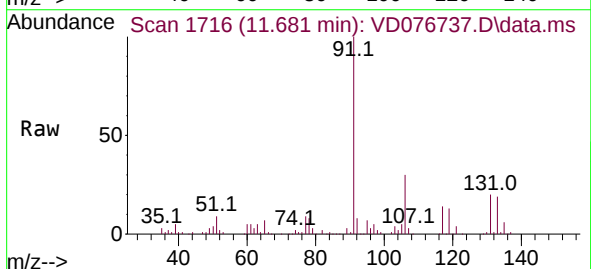
Tgt Ion:112 Resp: 131498
Ion Ratio Lower Upper
112 100
114 30.7 25.1 37.7

Manual Integrations
APPROVED

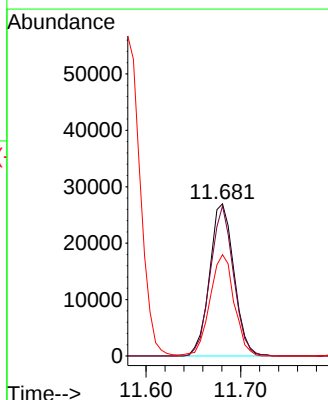
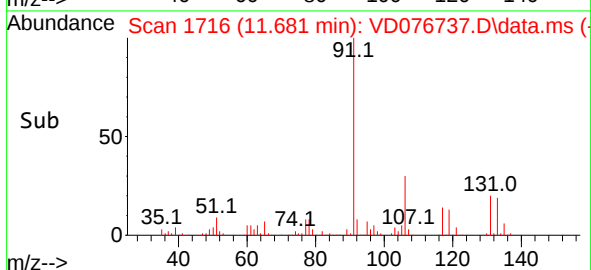
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

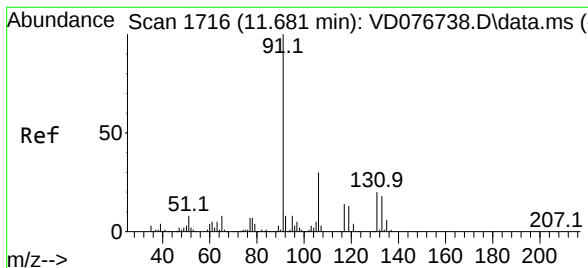


#66
1,1,1,2-Tetrachloroethane
Concen: 20.856 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50



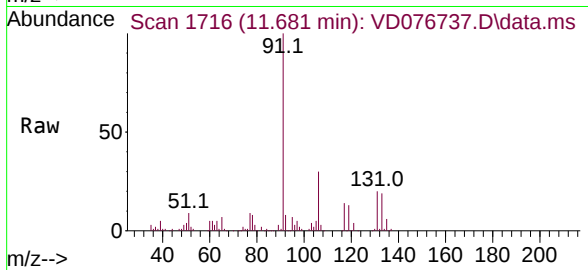
Tgt Ion:131 Resp: 48118
Ion Ratio Lower Upper
131 100
133 94.0 48.5 145.5
119 66.4 35.6 106.9





#67
Ethyl Benzene
Concen: 21.065 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

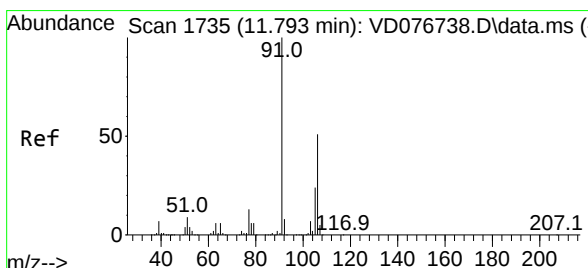
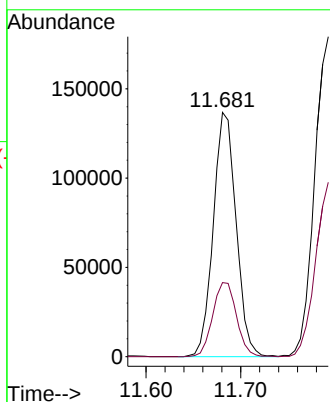
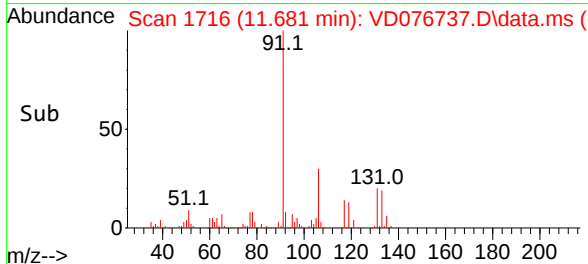
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



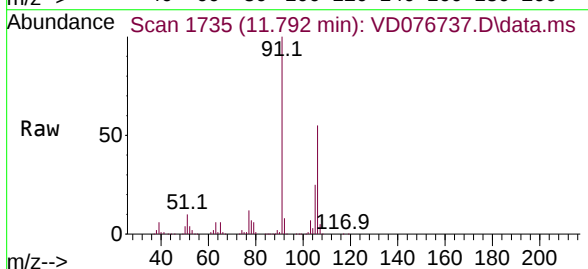
Tgt Ion: 91 Resp: 22925
Ion Ratio Lower Upper
91 100
106 30.3 26.5 39.7

Manual Integrations
APPROVED

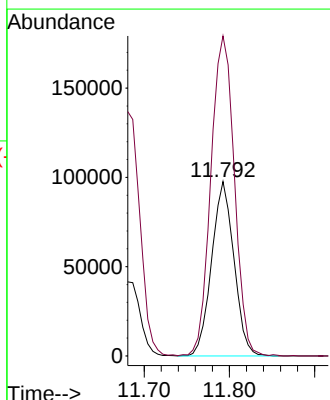
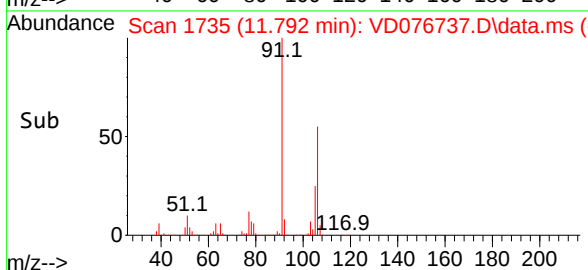
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

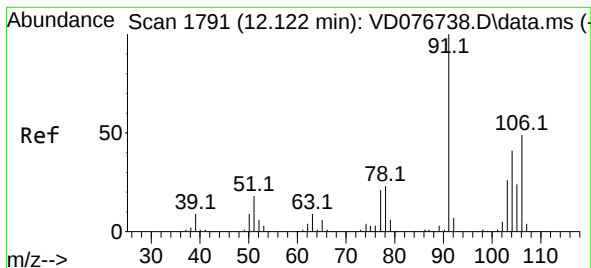


#68
m/p-Xylenes
Concen: 42.529 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.001 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50



Tgt Ion:106 Resp: 177761
Ion Ratio Lower Upper
106 100
91 192.4 147.0 220.6





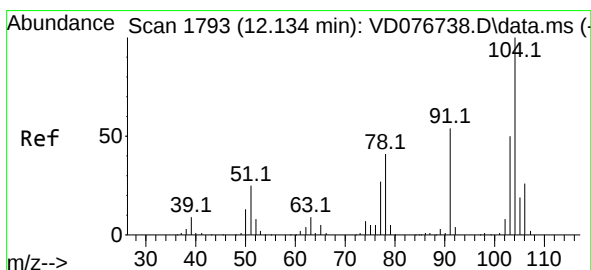
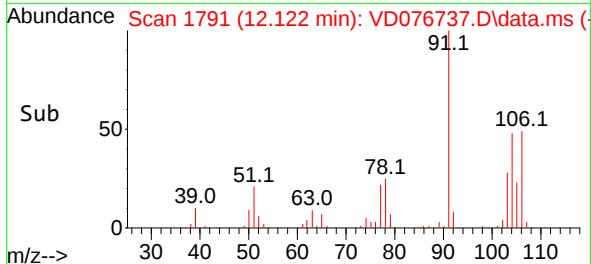
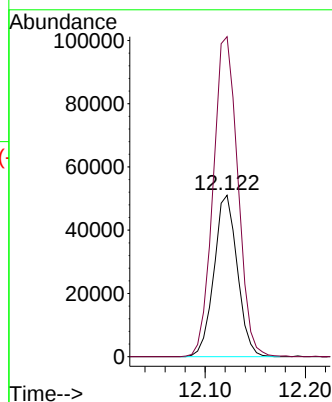
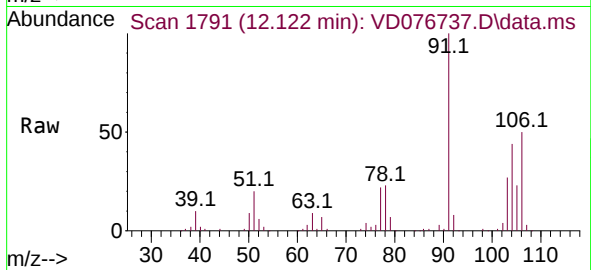
#69
o-Xylene
Concen: 20.376 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:106 Resp: 8235
Ion Ratio Lower Upper
106 100
91 210.3 97.9 293.6

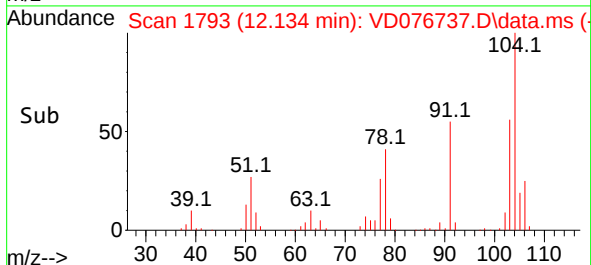
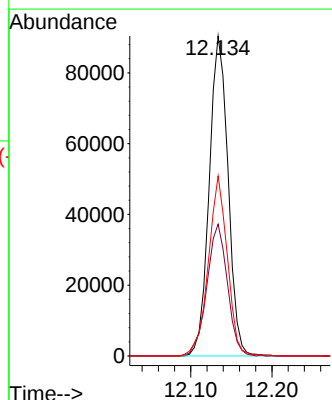
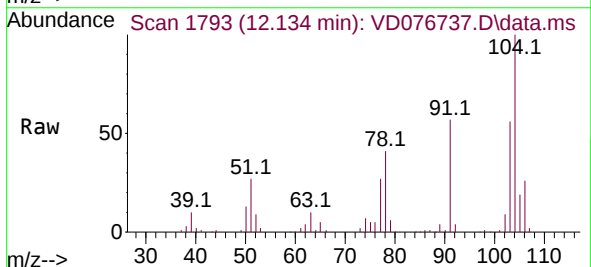
Manual Integrations
APPROVED

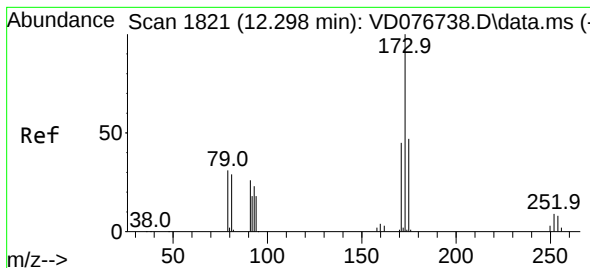
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
Styrene
Concen: 20.585 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:104 Resp: 145654
Ion Ratio Lower Upper
104 100
78 44.8 33.2 49.8
103 56.8 43.6 65.4





#71

Bromoform

Concen: 20.544 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD076737.D

Acq: 14 Jul 2023 12:50

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC020

Tgt Ion:173 Resp: 25960

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

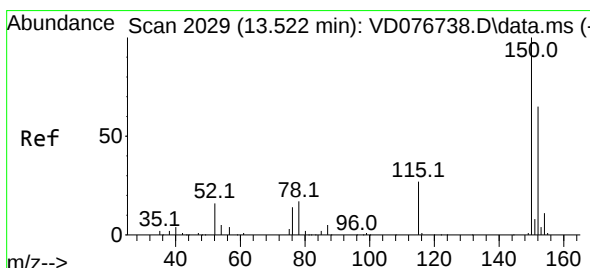
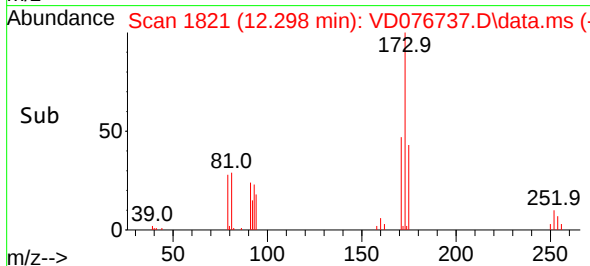
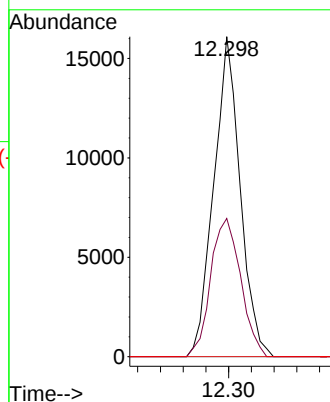
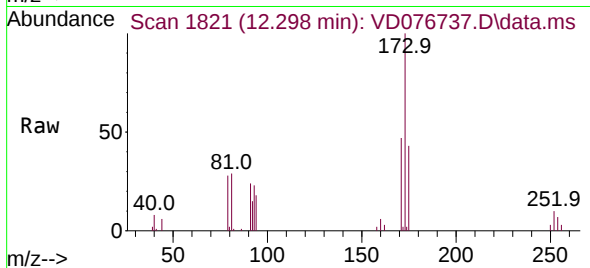
254 0.0 0.0 0.0

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: VD076737.D

Acq: 14 Jul 2023 12:50

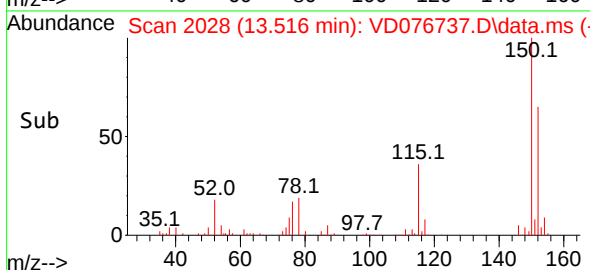
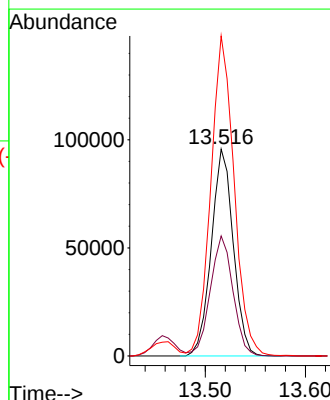
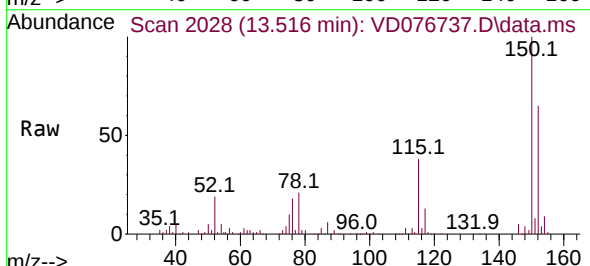
Tgt Ion:152 Resp: 145897

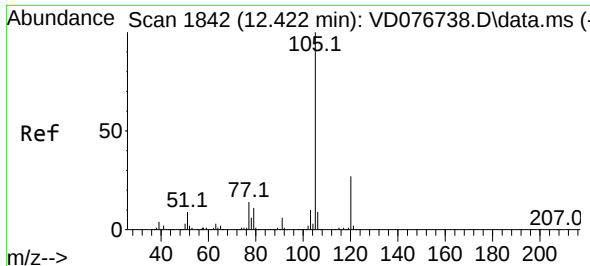
Ion Ratio Lower Upper

152 100

115 59.7 27.1 81.3

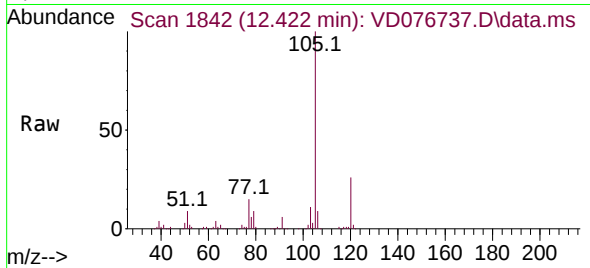
150 163.9 0.0 353.6





#73
Isopropylbenzene
Concen: 20.805 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

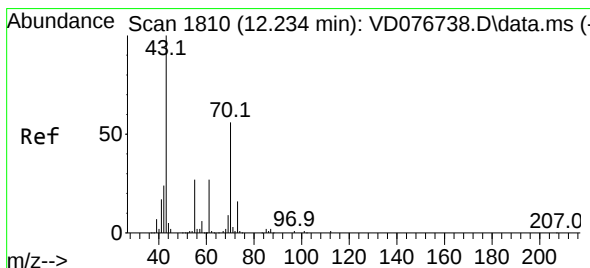
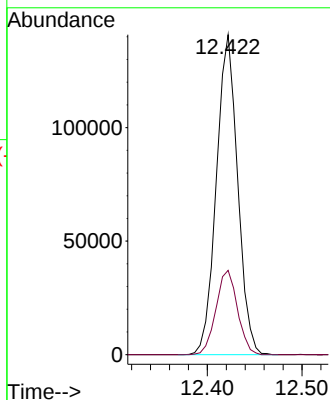
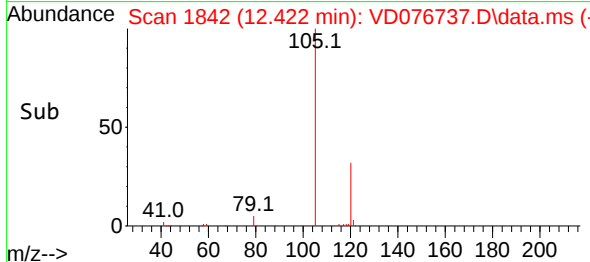
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



Tgt Ion:105 Resp: 22022
Ion Ratio Lower Upper
105 100
120 26.6 14.3 42.9

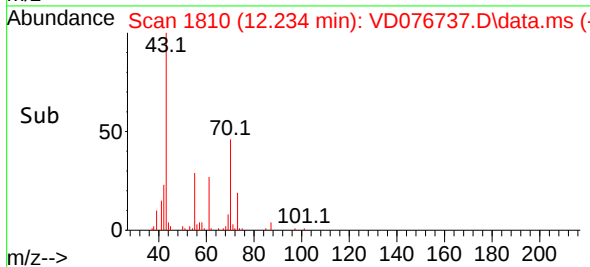
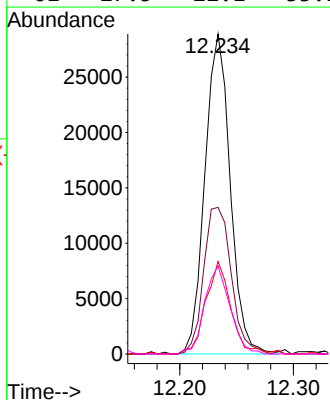
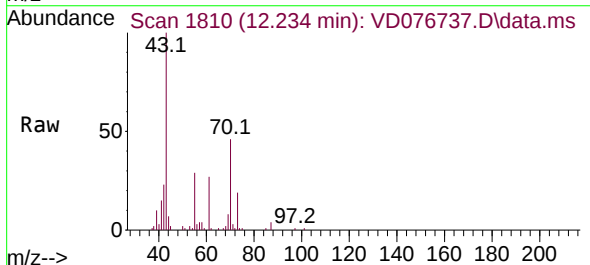
Manual Integrations
APPROVED

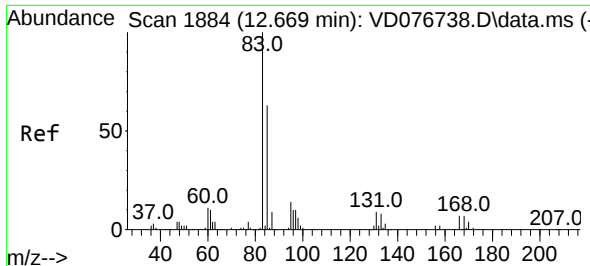
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#74
N-ethyl acetate
Concen: 20.094 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 43 Resp: 44809
Ion Ratio Lower Upper
43 100
70 50.1 45.0 67.4
55 28.8 23.8 35.6
61 27.5 22.1 33.1





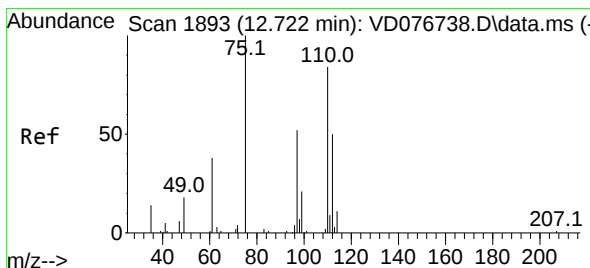
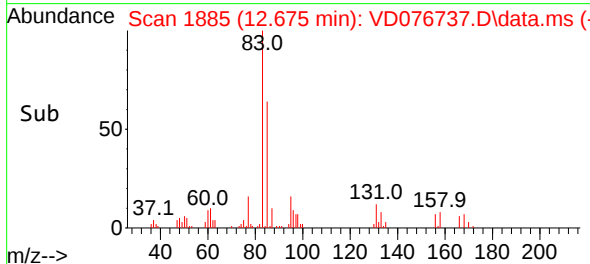
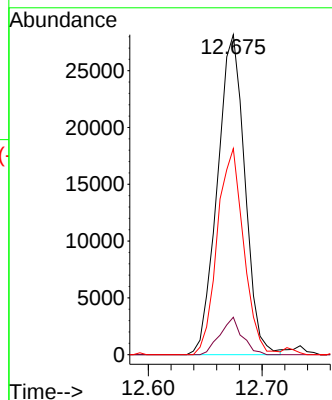
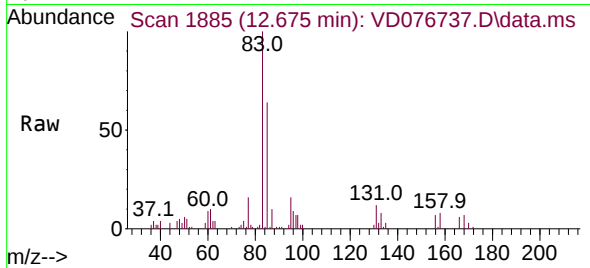
#75
1,1,2,2-Tetrachloroethane
Concen: 20.819 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 83 Resp: 47315
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 62.1 32.6 97.8

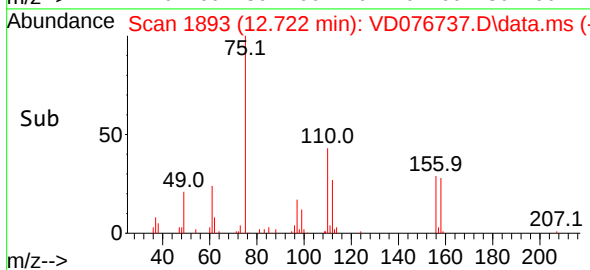
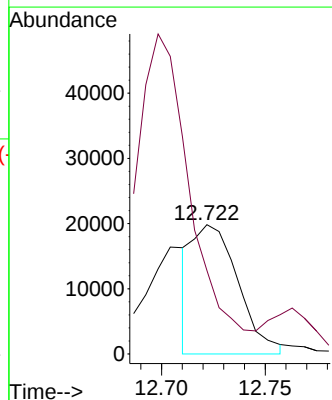
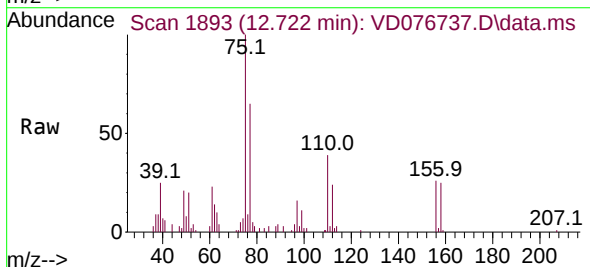
Manual Integrations
APPROVED

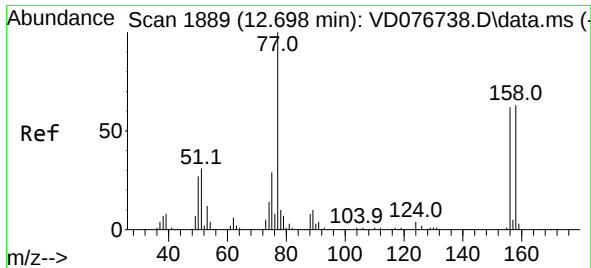
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#76
1,2,3-Trichloropropane
Concen: 21.049 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 75 Resp: 30516
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





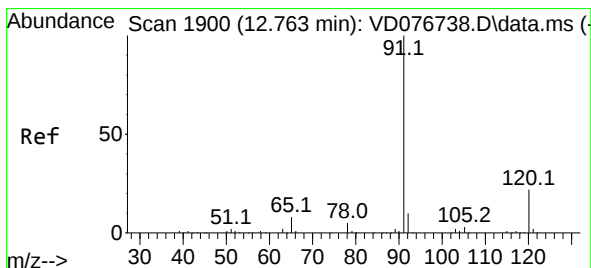
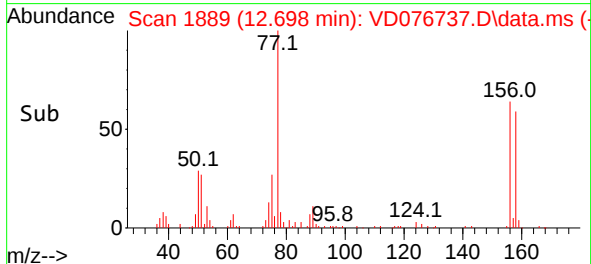
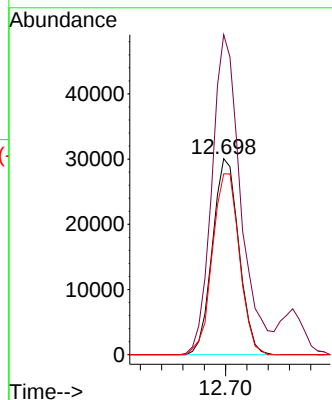
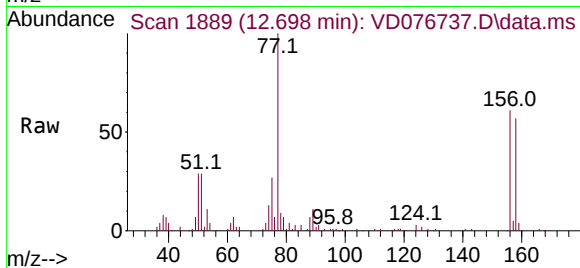
#77
Bromobenzene
Concen: 21.142 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion:156 Resp: 5165
Ion Ratio Lower Upper
156 100
77 179.8 76.8 230.4
158 94.5 48.6 145.9

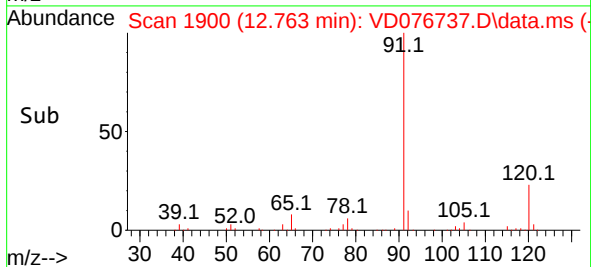
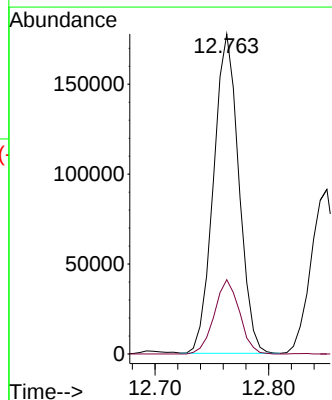
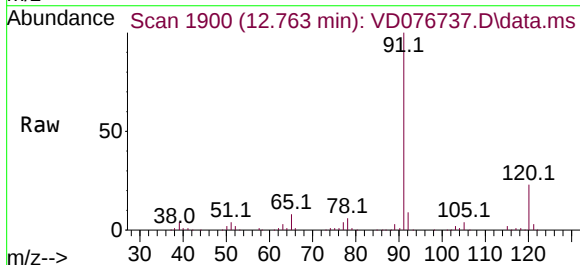
Manual Integrations
APPROVED

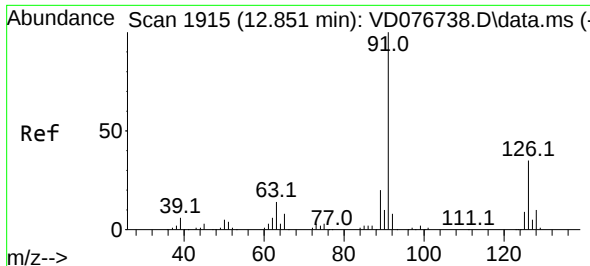
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#78
n-propylbenzene
Concen: 21.421 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion: 91 Resp: 274887
Ion Ratio Lower Upper
91 100
120 23.0 12.4 37.2





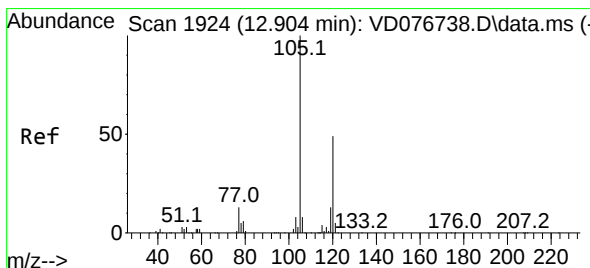
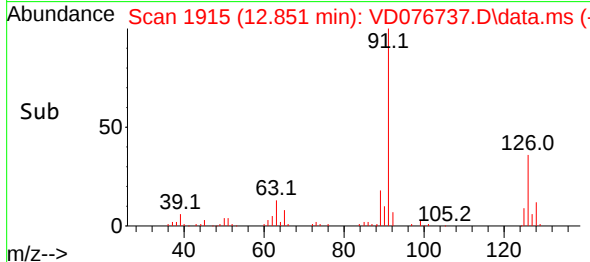
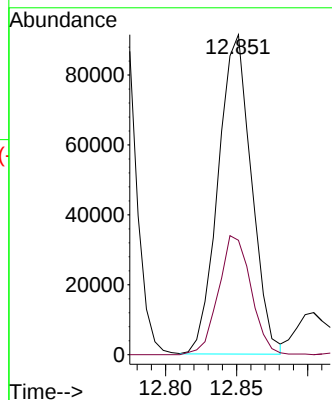
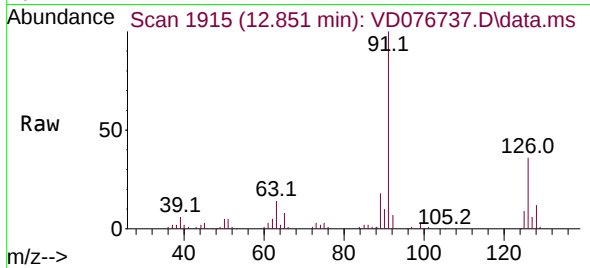
#79
2-Chlorotoluene
Concen: 21.166 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Tgt Ion: 91 Resp: 148920
Ion Ratio Lower Upper
91 100
126 36.6 19.4 58.1

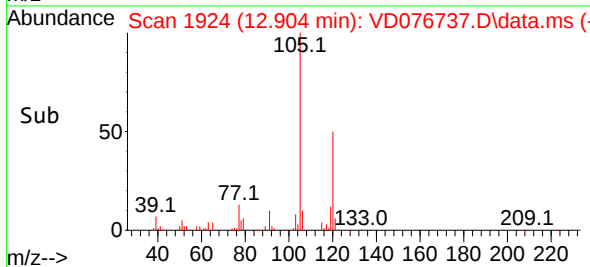
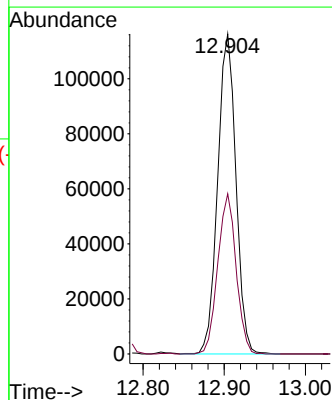
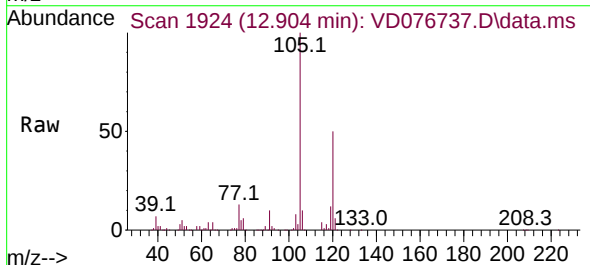
Manual Integrations
APPROVED

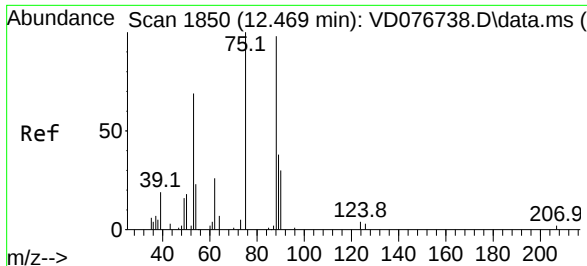
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.238 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

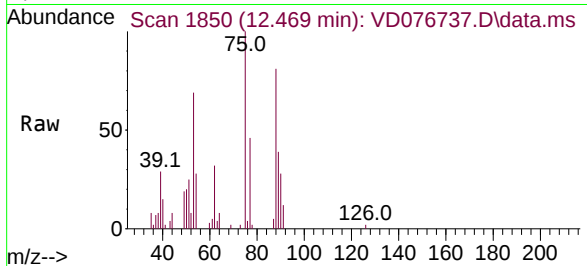
Tgt Ion:105 Resp: 181775
Ion Ratio Lower Upper
105 100
120 50.4 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 21.308 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

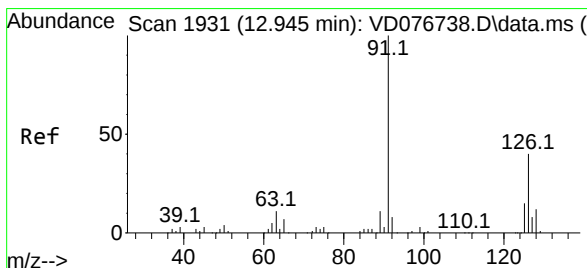
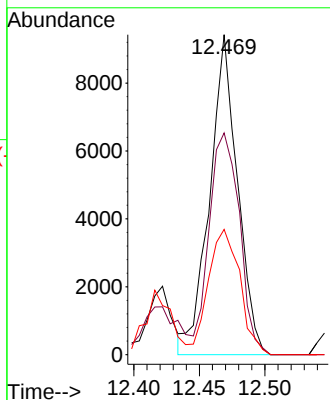
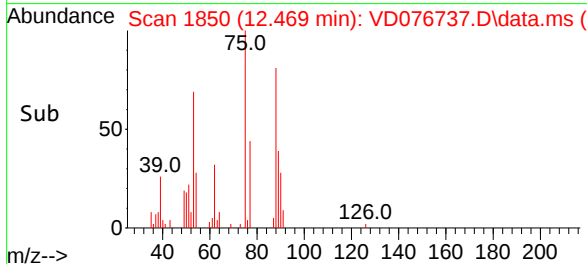
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



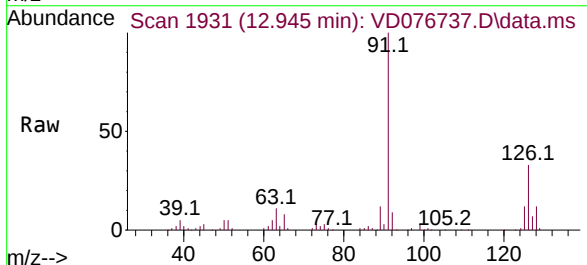
Tgt Ion: 75 Resp: 1389
Ion Ratio Lower Upper
75 100
53 74.9 63.0 94.4
89 44.6 37.9 56.9

Manual Integrations
APPROVED

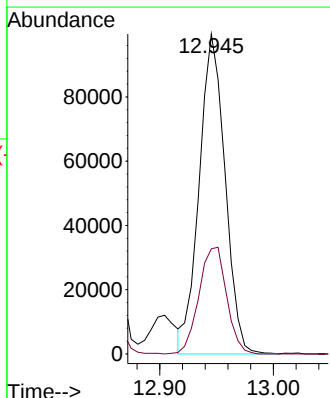
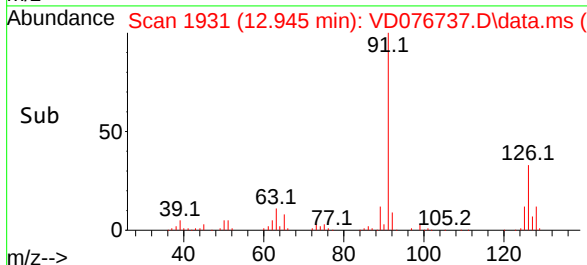
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

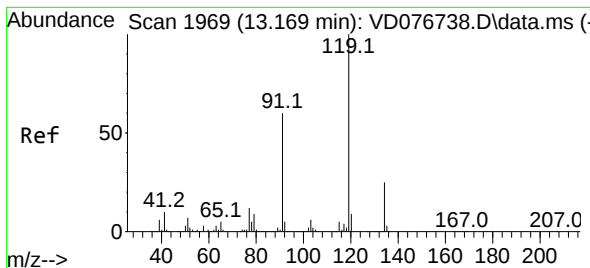


#82
4-Chlorotoluene
Concen: 21.409 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50



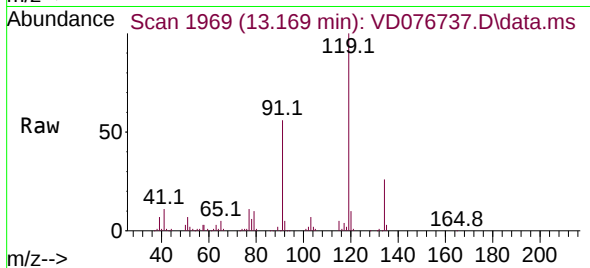
Tgt Ion: 91 Resp: 157369
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.4





#83
tert-Butylbenzene
Concen: 21.069 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

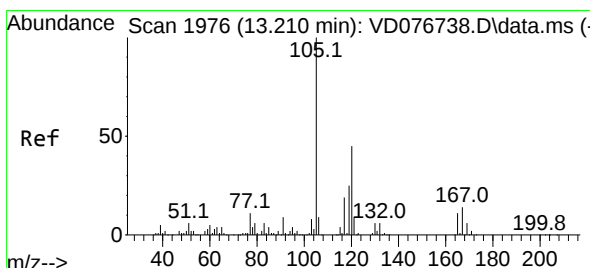
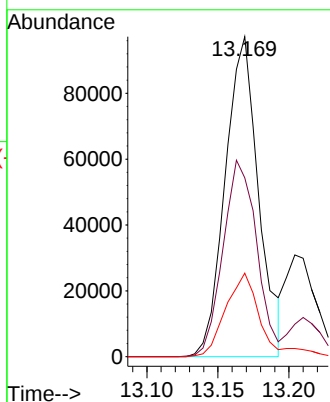
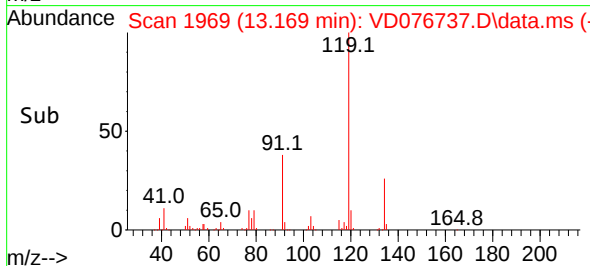
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



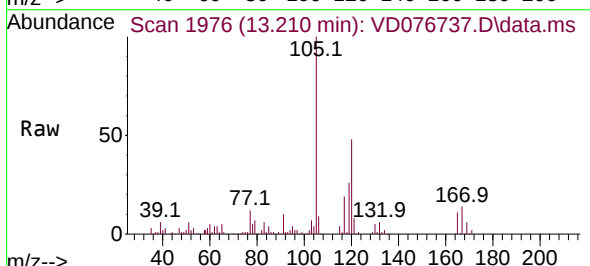
Tgt Ion:119 Resp: 158770
Ion Ratio Lower Upper
119 100
91 62.0 29.3 87.8
134 27.4 14.1 42.3

Manual Integrations
APPROVED

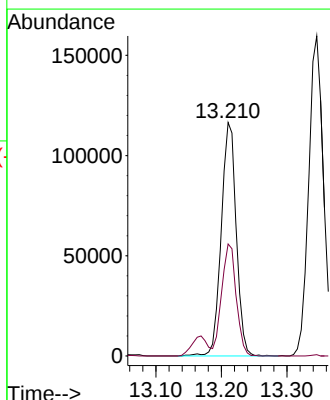
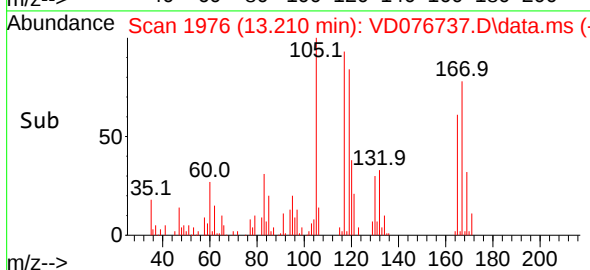
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

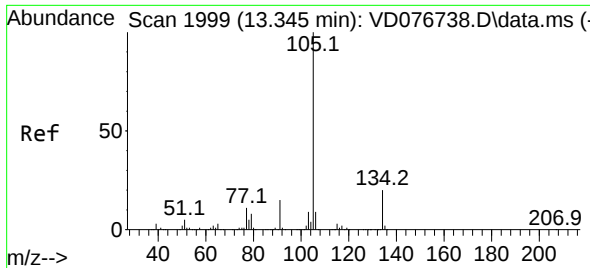


#84
1,2,4-Trimethylbenzene
Concen: 21.079 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50



Tgt Ion:105 Resp: 184364
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.9





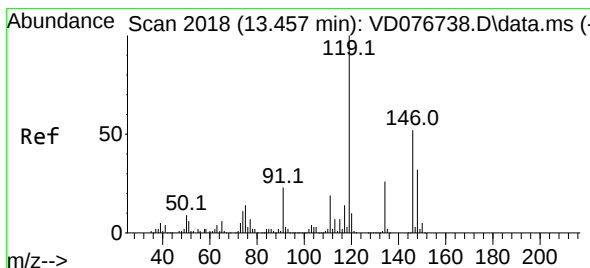
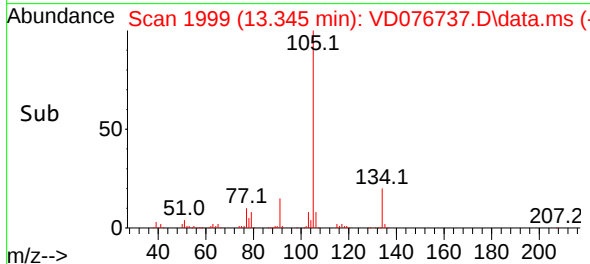
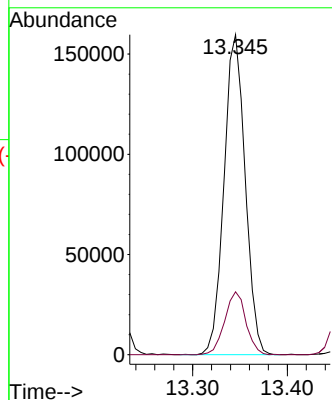
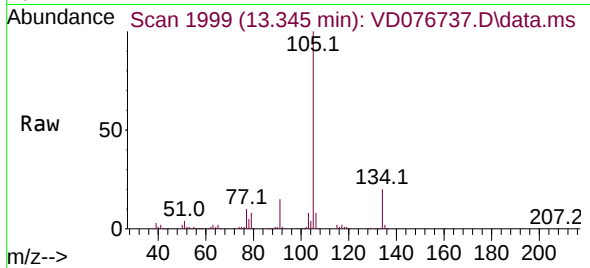
#85
 sec-Butylbenzene
 Concen: 21.554 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Tgt Ion:105 Resp: 24817
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.9 32.9

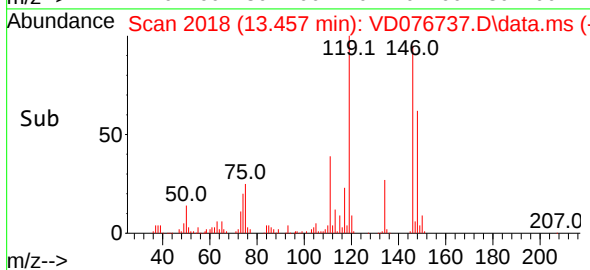
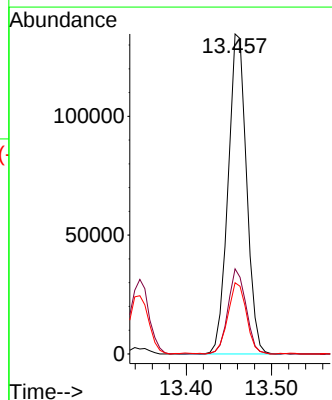
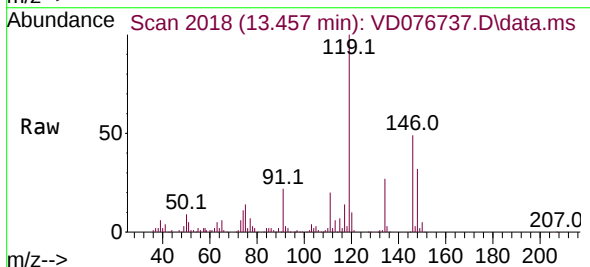
Manual Integrations
 APPROVED

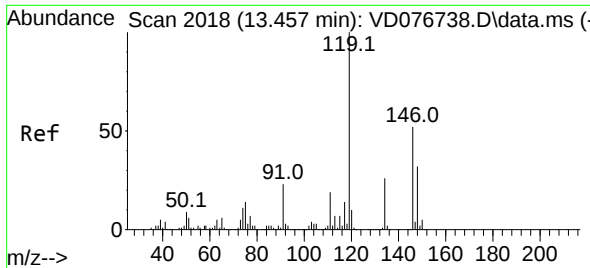
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#86
 p-Isopropyltoluene
 Concen: 21.329 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076737.D
 Acq: 14 Jul 2023 12:50

Tgt Ion:119 Resp: 202816
 Ion Ratio Lower Upper
 119 100
 134 25.8 14.2 42.6
 91 22.4 10.5 31.5





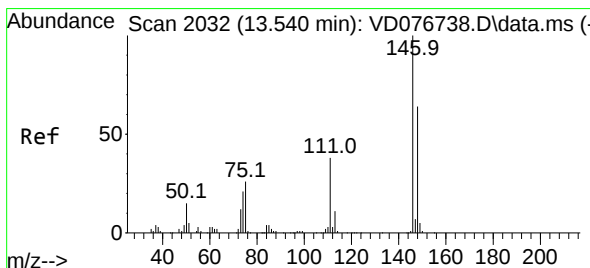
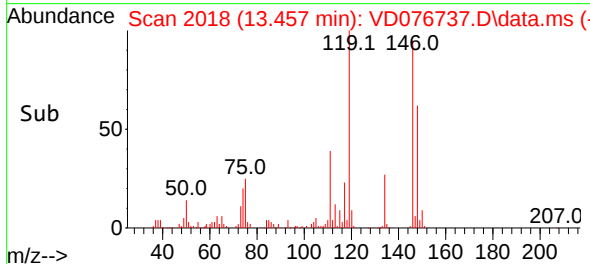
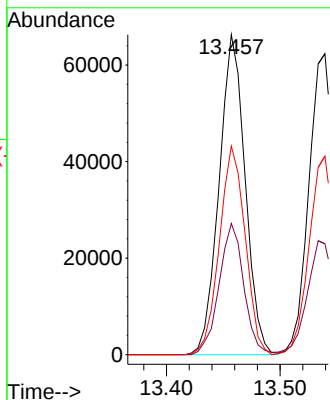
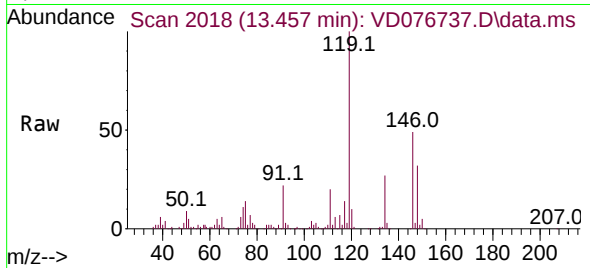
#87
1,3-Dichlorobenzene
Concen: 21.022 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 105649
Ion Ratio Lower Upper
146 100
111 38.8 17.9 53.8
148 64.4 32.3 96.8

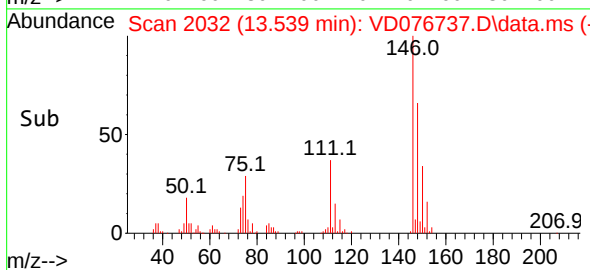
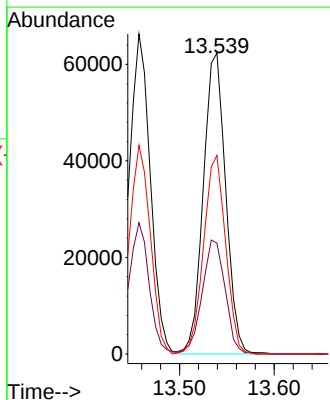
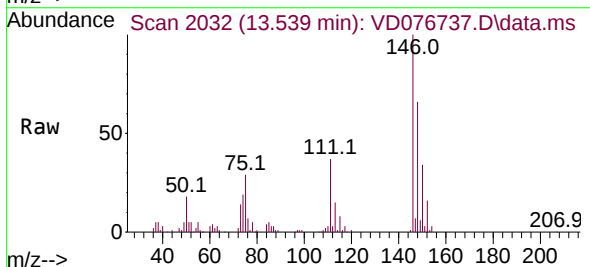
Manual Integrations
APPROVED

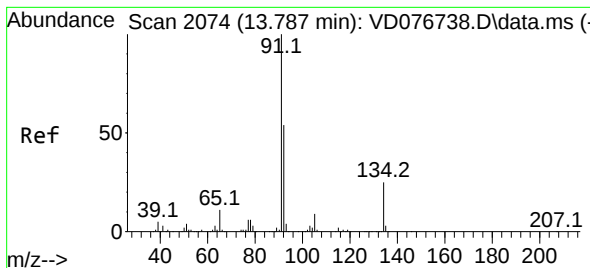
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#88
1,4-Dichlorobenzene
Concen: 20.763 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

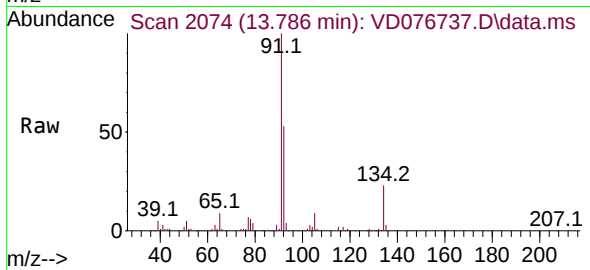
Tgt Ion:146 Resp: 102229
Ion Ratio Lower Upper
146 100
111 39.0 17.4 52.3
148 65.2 31.7 95.1





#89
n-Butylbenzene
Concen: 21.839 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.001 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

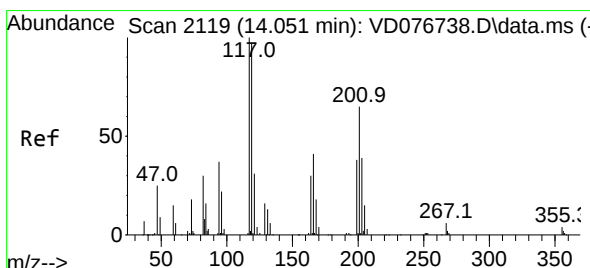
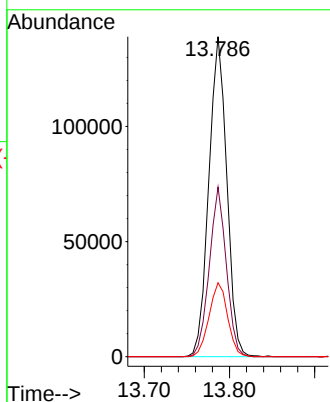
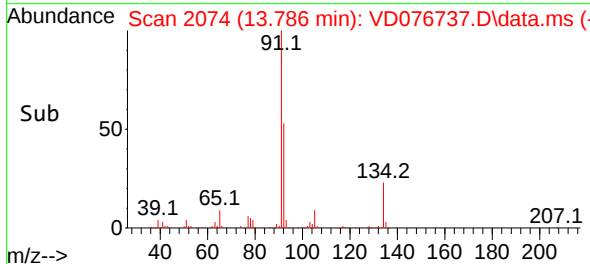
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020



Tgt Ion: 91 Resp: 203209
Ion Ratio Lower Upper
91 100
92 50.4 26.5 79.5
134 23.9 13.8 41.3

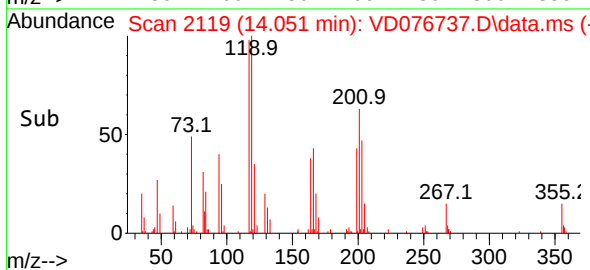
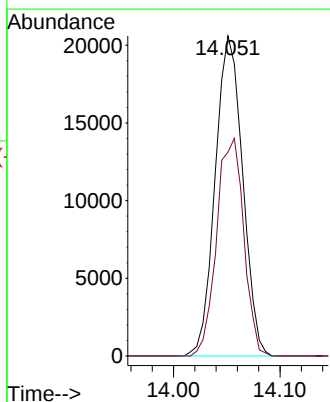
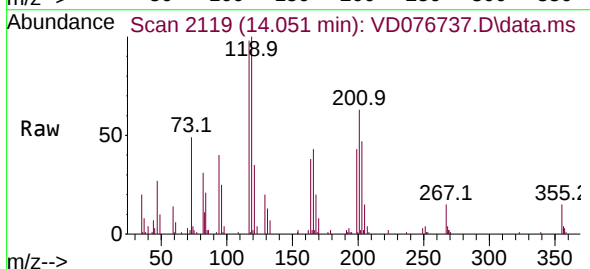
Manual Integrations
APPROVED

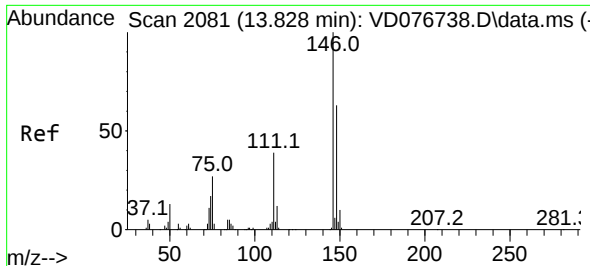
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#90
Hexachloroethane
Concen: 20.947 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:117 Resp: 36824
Ion Ratio Lower Upper
117 100
201 67.0 38.5 115.5





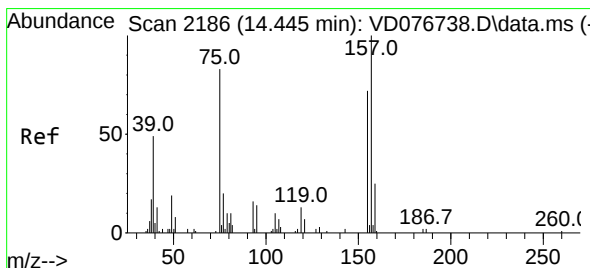
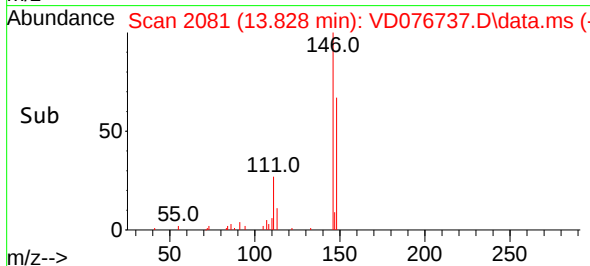
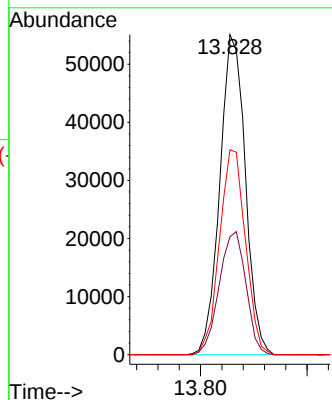
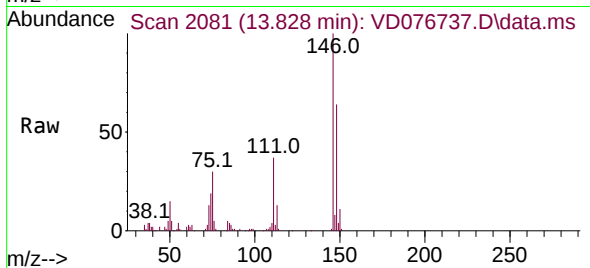
#91
1,2-Dichlorobenzene
Concen: 20.679 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC020

Tgt Ion:146 Resp: 9157
Ion Ratio Lower Upper
146 100
111 40.2 18.3 54.8
148 65.1 31.6 94.7

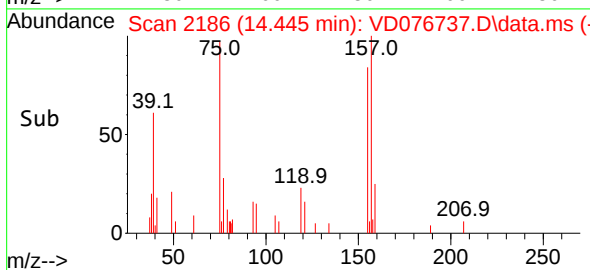
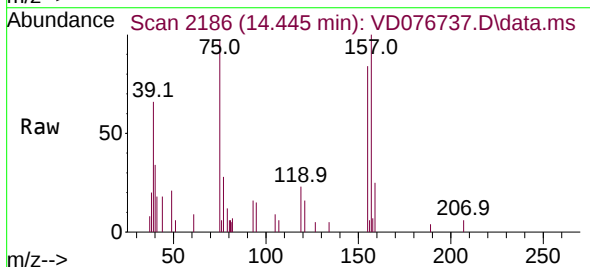
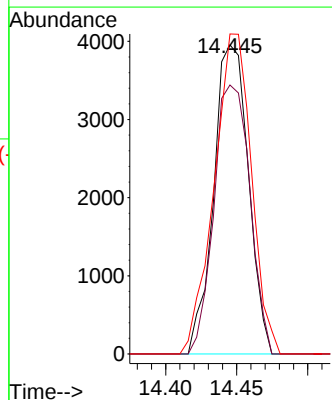
Manual Integrations
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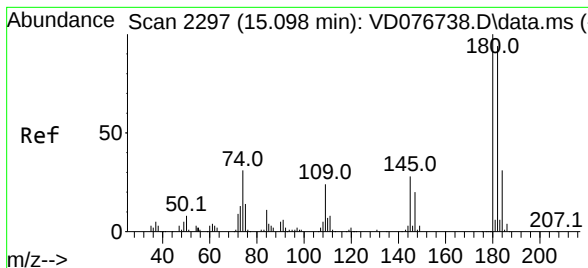
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.762 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

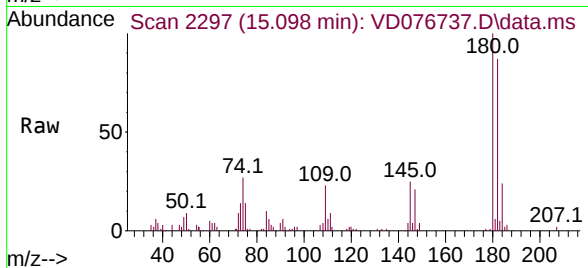
Tgt Ion: 75 Resp: 6728
Ion Ratio Lower Upper
75 100
155 90.4 47.9 143.8
157 111.2 59.9 179.7





#93
1,2,4-Trichlorobenzene
Concen: 20.413 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

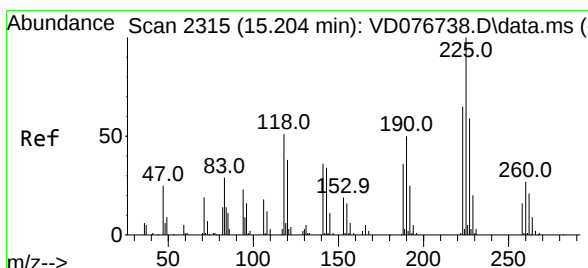
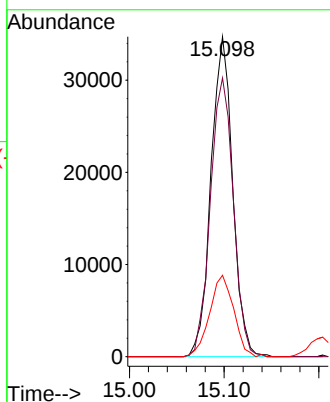
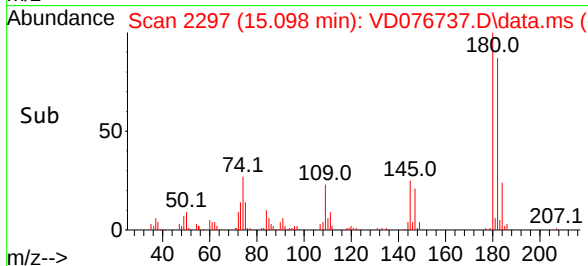
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020



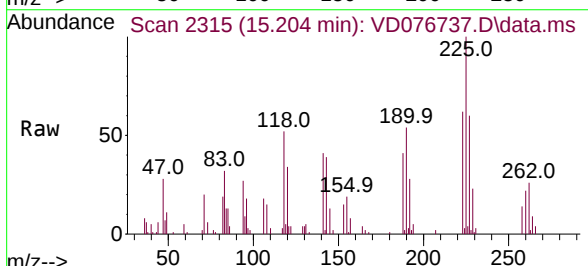
Tgt Ion:180 Resp: 5518
Ion Ratio Lower Upper
180 100
182 92.2 48.5 145.6
145 28.4 14.2 42.6

Manual Integrations
APPROVED

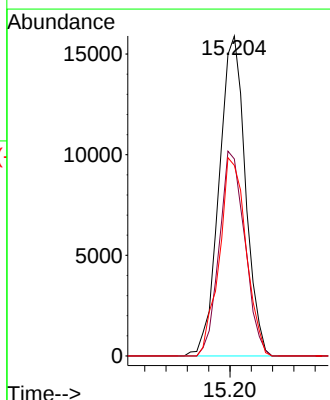
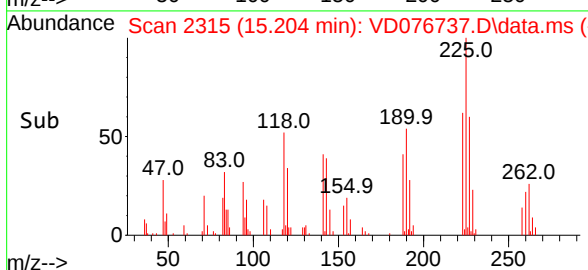
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

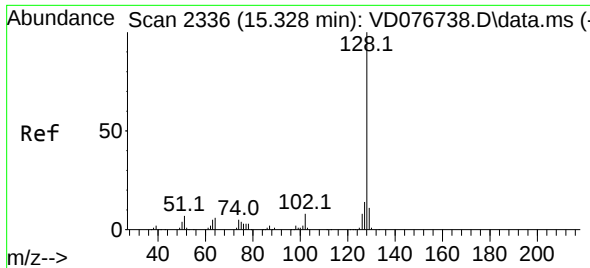


#94
Hexachlorobutadiene
Concen: 20.963 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50



Tgt Ion:225 Resp: 27256
Ion Ratio Lower Upper
225 100
223 62.1 31.6 94.8
227 62.5 31.7 95.1





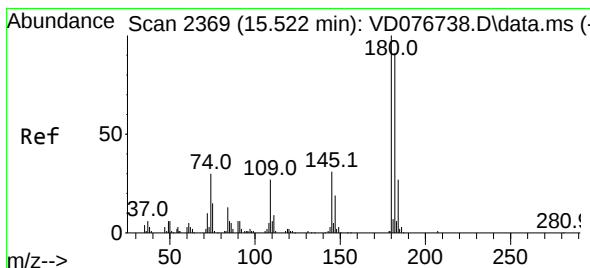
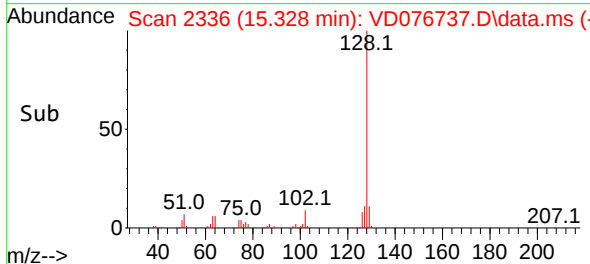
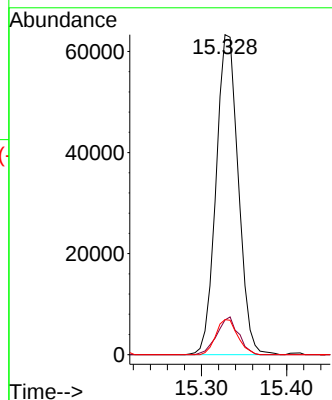
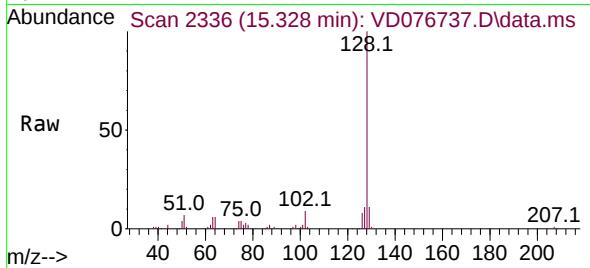
#95
Naphthalene
Concen: 19.621 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Instrument : MSVOA_D
ClientSampleId : VSTDIC020

Tgt Ion:128 Resp: 11485
Ion Ratio Lower Upper
128 100
127 10.8 10.5 15.7
129 11.0 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: 20.081 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076737.D
Acq: 14 Jul 2023 12:50

Tgt Ion:180 Resp: 48718
Ion Ratio Lower Upper
180 100
182 92.8 47.3 141.9
145 31.4 15.1 45.3

