

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071823\
 Data File : VD076769.D
 Acq On : 18 Jul 2023 11:04
 Operator : KP/SY
 Sample : VD0718SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

Quant Time: Jul 19 06:41:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	185324	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	336412	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301505	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	142399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86348	46.779	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.560%		
35) Dibromofluoromethane	7.805	113	104125	49.254	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.500%		
50) Toluene-d8	10.269	98	360360	47.650	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.300%		
62) 4-Bromofluorobenzene	12.569	95	114259	46.702	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.929	85	34593	23.870	ug/l	97
3) Chloromethane	2.146	50	46203	18.482	ug/l	100
4) Vinyl Chloride	2.281	62	70152	21.051	ug/l	93
5) Bromomethane	2.676	94	57264	20.885	ug/l	97
6) Chloroethane	2.823	64	50757	20.173	ug/l	97
7) Trichlorofluoromethane	3.164	101	66982	22.589	ug/l	91
8) Diethyl Ether	3.593	74	20388	19.970	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.958	101	44936	23.054	ug/l	94
10) Methyl Iodide	4.158	142	45956	20.915	ug/l	93
11) Tert butyl alcohol	5.058	59	13108	95.163	ug/l	96
12) 1,1-Dichloroethene	3.934	96	36670	20.024	ug/l	# 79
13) Acrolein	3.799	56	10442	111.243	ug/l	97
14) Allyl chloride	4.552	41	47265	19.647	ug/l	93
15) Acrylonitrile	5.258	53	45999	91.735	ug/l	99
16) Acetone	4.017	43	42039	95.362	ug/l	87
17) Carbon Disulfide	4.264	76	83860	19.606	ug/l	96
18) Methyl Acetate	4.564	43	33908	20.472	ug/l	94
19) Methyl tert-butyl Ether	5.322	73	91188	18.568	ug/l	97
20) Methylene Chloride	4.799	84	65773	18.585	ug/l	88
21) trans-1,2-Dichloroethene	5.311	96	42922	20.164	ug/l	93
22) Diisopropyl ether	6.222	45	109614	19.242	ug/l	96
23) Vinyl Acetate	6.152	43	238637m	84.665	ug/l	
24) 1,1-Dichloroethane	6.111	63	78905	20.544	ug/l	99
25) 2-Butanone	7.081	43	58667	99.437	ug/l	91
26) 2,2-Dichloropropane	7.075	77	65924	19.911	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	50709	19.324	ug/l	94
28) Bromochloromethane	7.422	49	21253	22.133	ug/l	86
29) Tetrahydrofuran	7.440	42	32873	94.303	ug/l	90
30) Chloroform	7.593	83	86673	20.603	ug/l	99
31) Cyclohexane	7.875	56	58524	21.543	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	73500	21.655	ug/l	99
36) 1,1-Dichloropropene	8.011	75	59415	21.508	ug/l	94
37) Ethyl Acetate	7.164	43	24731	20.019	ug/l	# 92
38) Carbon Tetrachloride	7.987	117	58453	22.098	ug/l	94
39) Methylcyclohexane	9.269	83	67342	21.112	ug/l	94
40) Benzene	8.246	78	179208	20.560	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	12519	16.594	ug/l #	90
42) 1,2-Dichloroethane	8.322	62	45498	20.090	ug/l	99
43) Isopropyl Acetate	8.363	43	44183	18.325	ug/l #	81
44) Trichloroethene	9.028	130	48643	20.480	ug/l	87
45) 1,2-Dichloropropane	9.305	63	44667	19.852	ug/l	99
46) Dibromomethane	9.393	93	26189	19.885	ug/l	90
47) Bromodichloromethane	9.587	83	65357	19.775	ug/l	99
48) Methyl methacrylate	9.381	41	19142	17.444	ug/l #	83
49) 1,4-Dioxane	9.393	88	6457	382.669	ug/l #	96
51) 4-Methyl-2-Pentanone	10.157	43	120038	93.509	ug/l	91
52) Toluene	10.334	92	116178	20.294	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	57582	18.771	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	70389	19.469	ug/l #	90
55) 1,1,2-Trichloroethane	10.734	97	36870	19.172	ug/l	92
56) Ethyl methacrylate	10.599	69	40580	18.282	ug/l	91
57) 1,3-Dichloropropane	10.881	76	61536	19.648	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	83614	97.316	ug/l	96
59) 2-Hexanone	10.922	43	87235	95.237	ug/l	92
60) Dibromochloromethane	11.075	129	44892	20.094	ug/l	96
61) 1,2-Dibromoethane	11.181	107	34397	19.292	ug/l	97
64) Tetrachloroethene	10.810	164	40315	23.449	ug/l	99
65) Chlorobenzene	11.604	112	124077	20.462	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	47147	20.883	ug/l	92
67) Ethyl Benzene	11.681	91	218927	20.558	ug/l	96
68) m/p-Xylenes	11.793	106	171572	41.949	ug/l	92
69) o-Xylene	12.122	106	78820	19.929	ug/l	90
70) Styrene	12.134	104	138349	19.982	ug/l	98
71) Bromoform	12.299	173	25158	20.347	ug/l #	97
73) Isopropylbenzene	12.422	105	214864	20.797	ug/l	95
74) N-amyl acetate	12.234	43	41107	18.887	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.669	83	43519	19.619	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	28613m	21.129	ug/l	
77) Bromobenzene	12.699	156	49324	20.683	ug/l	89
78) n-propylbenzene	12.763	91	269229	21.496	ug/l	94
79) 2-Chlorotoluene	12.846	91	143205	20.853	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	175540	21.013	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	13182	20.717	ug/l	97
82) 4-Chlorotoluene	12.946	91	151533	21.122	ug/l	93
83) tert-Butylbenzene	13.163	119	159721	21.715	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	173723	20.350	ug/l	97
85) sec-Butylbenzene	13.346	105	241607	21.499	ug/l	94
86) p-Isopropyltoluene	13.457	119	195756	21.092	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	101163	20.625	ug/l	98
88) 1,4-Dichlorobenzene	13.534	146	99442	20.693	ug/l	97
89) n-Butylbenzene	13.787	91	191721	21.110	ug/l	97
90) Hexachloroethane	14.051	117	39193	22.842	ug/l	81
91) 1,2-Dichlorobenzene	13.828	146	89524	20.713	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6431	20.333	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	54400	20.617	ug/l	96
94) Hexachlorobutadiene	15.204	225	26839	21.149	ug/l	97
95) Naphthalene	15.328	128	106304	18.606	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	47611	20.107	ug/l	99

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ClientSampleId :
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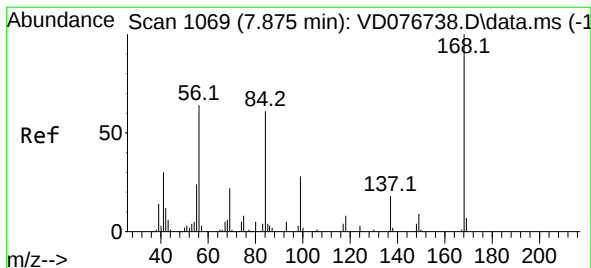
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

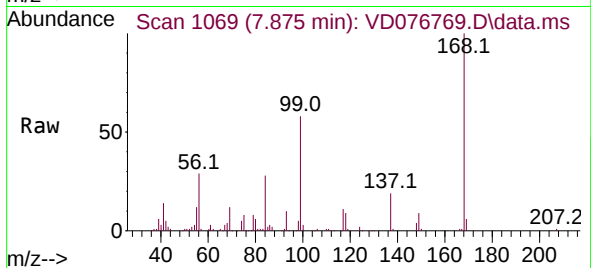
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076769.D
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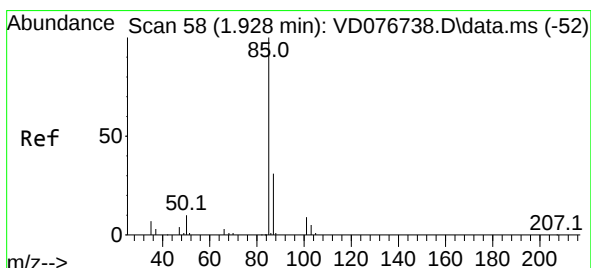
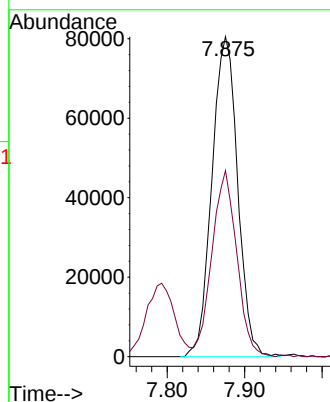
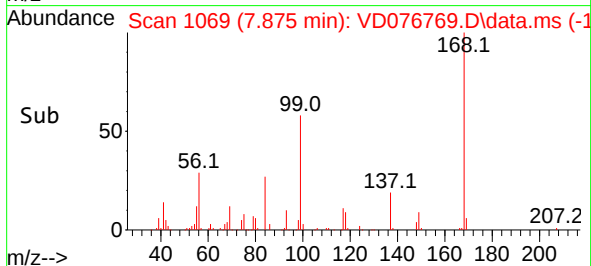
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion:168 Resp: 185324
Ion Ratio Lower Upper
168 100
99 57.6 36.7 55.1

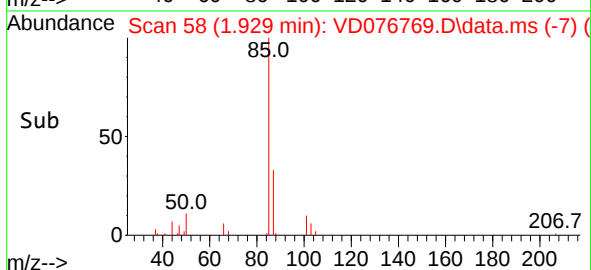
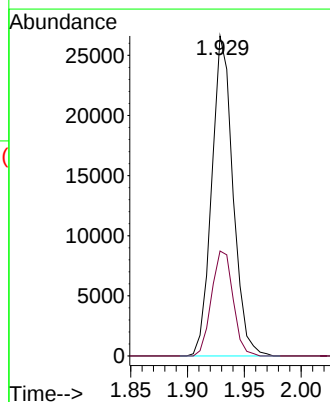
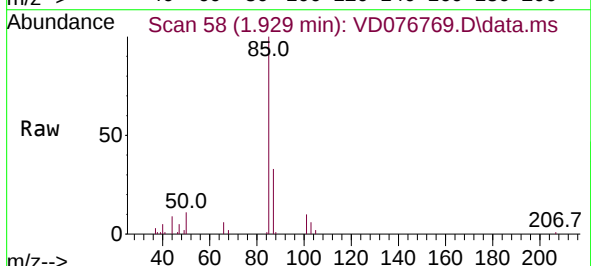
Manual Integrations
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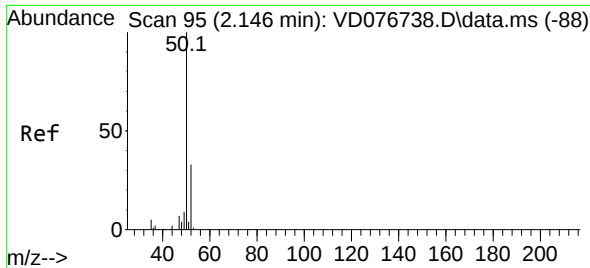
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#2
Dichlorodifluoromethane
Concen: 23.870 ug/l
RT: 1.929 min Scan# 58
Delta R.T. 0.001 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

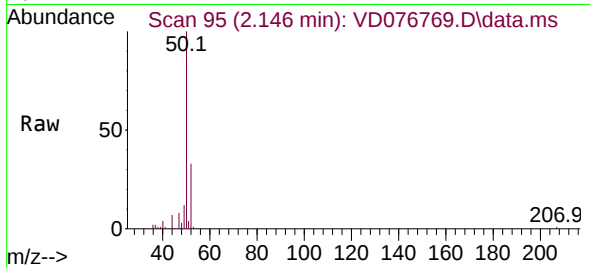
Tgt Ion: 85 Resp: 34593
Ion Ratio Lower Upper
85 100
87 32.8 15.7 47.0





#3
Chloromethane
Concen: 18.482 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

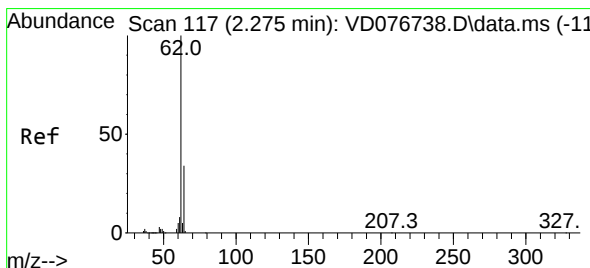
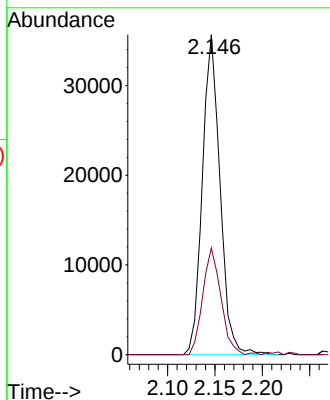
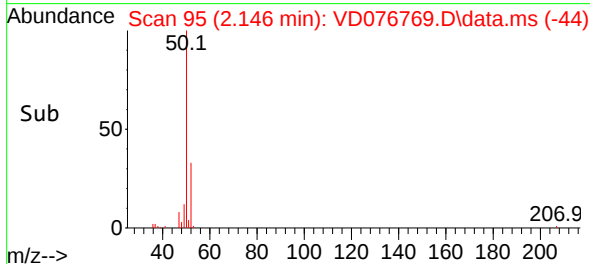
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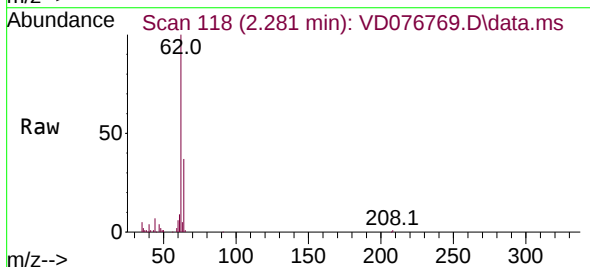
Tgt Ion: 50 Resp: 4620
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0

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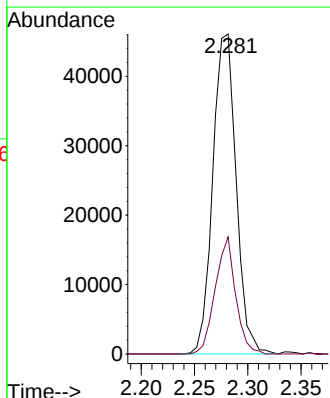
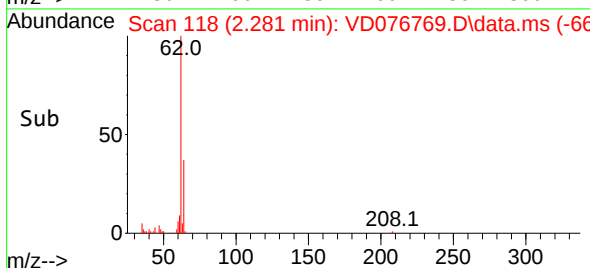
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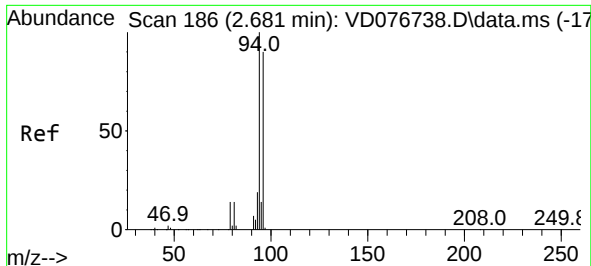


#4
Vinyl Chloride
Concen: 21.051 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.006 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04



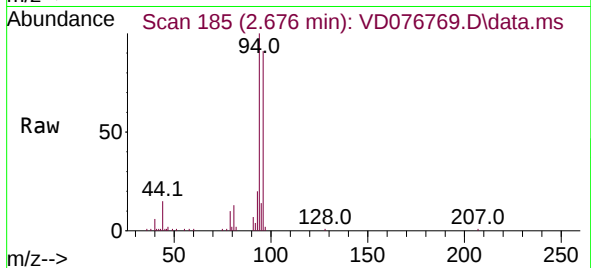
Tgt Ion: 62 Resp: 70152
Ion Ratio Lower Upper
62 100
64 36.6 26.0 39.0





#5
Bromomethane
Concen: 20.885 ug/l
RT: 2.676 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

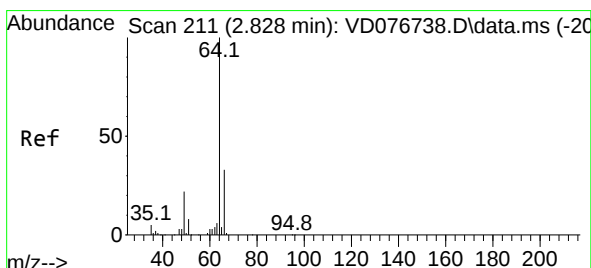
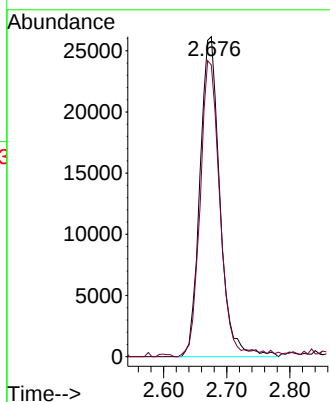
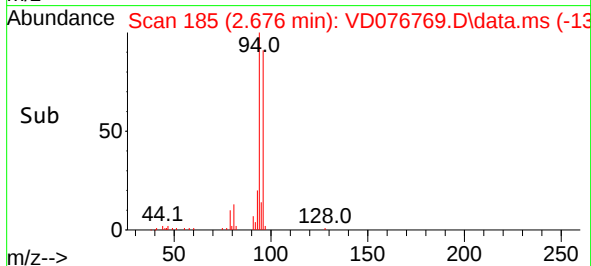
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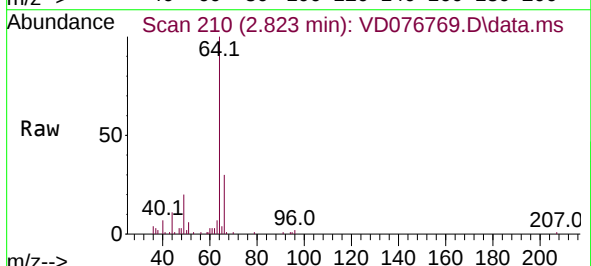
Tgt Ion: 94 Resp: 57264
Ion Ratio Lower Upper
94 100
96 91.4 75.8 113.8

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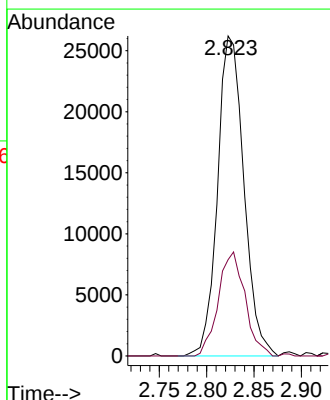
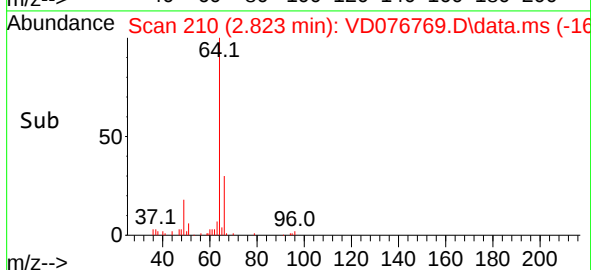
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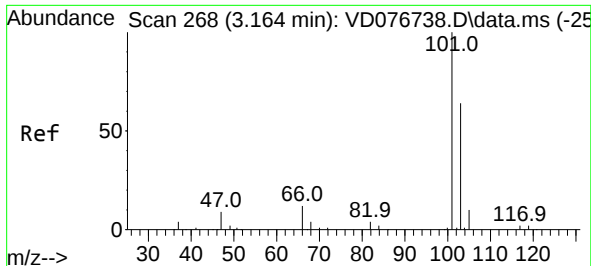


#6
Chloroethane
Concen: 20.173 ug/l
RT: 2.823 min Scan# 210
Delta R.T. -0.005 min
Lab File: VD076769.D
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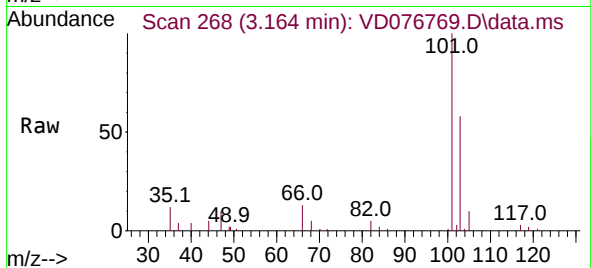
Tgt Ion: 64 Resp: 50757
Ion Ratio Lower Upper
64 100
66 30.1 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 22.589 ug/l
 RT: 3.164 min Scan# 201
 Delta R.T. -0.000 min
 Lab File: VD076769.D
 Acq: 18 Jul 2023 11:04

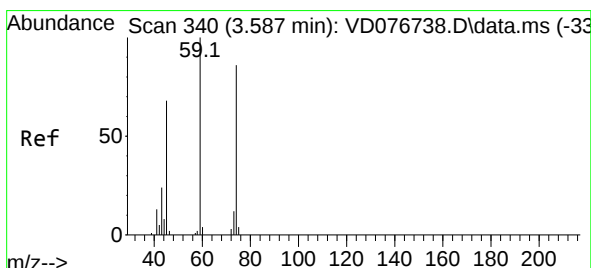
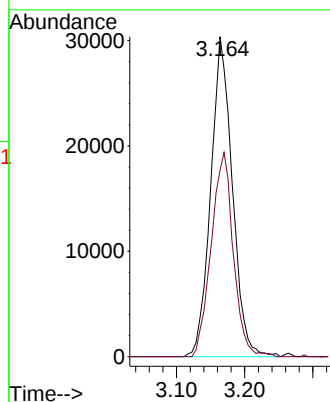
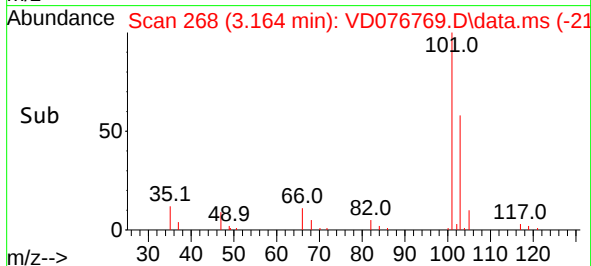
Instrument :
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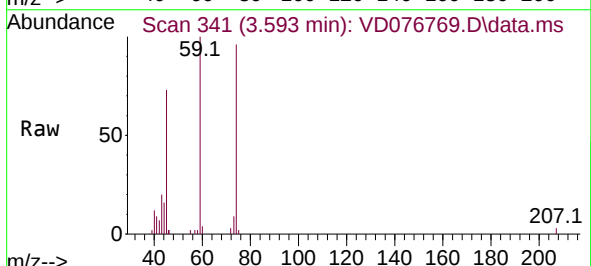
Tgt Ion:101 Resp: 6698
 Ion Ratio Lower Upper
 101 100
 103 58.3 52.3 78.5

Manual Integrations
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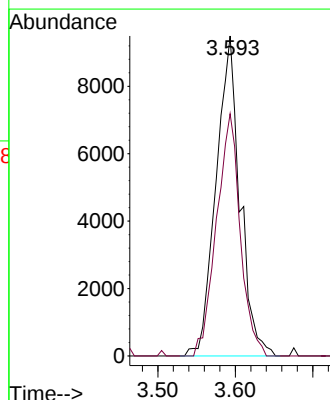
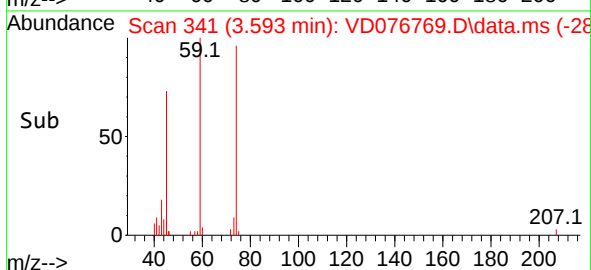
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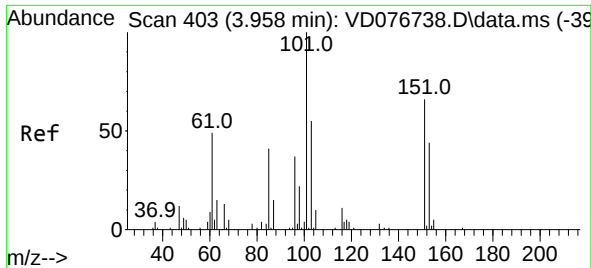


#8
 Diethyl Ether
 Concen: 19.970 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD076769.D
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Tgt Ion: 74 Resp: 20388
 Ion Ratio Lower Upper
 74 100
 45 75.2 37.5 112.7





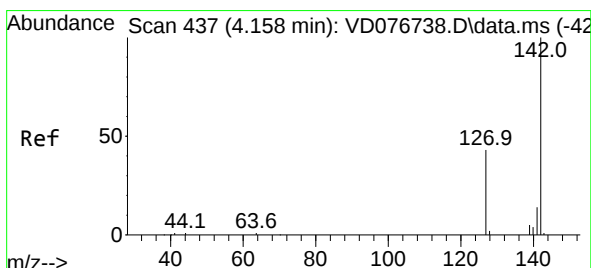
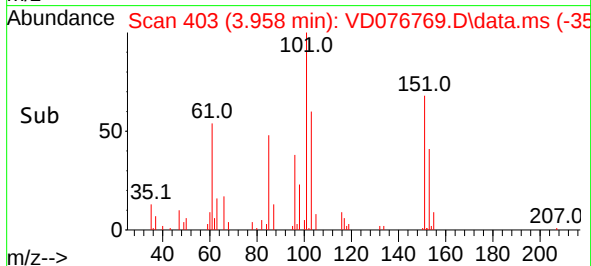
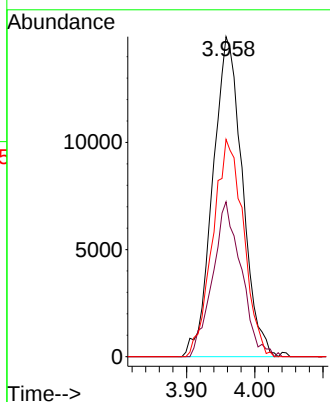
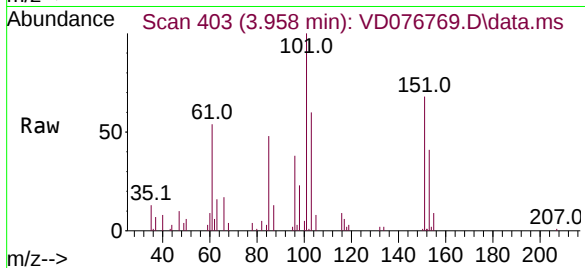
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.054 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion:101 Resp: 44936
Ion Ratio Lower Upper
101 100
85 46.9 33.8 50.6
151 70.9 59.8 89.6

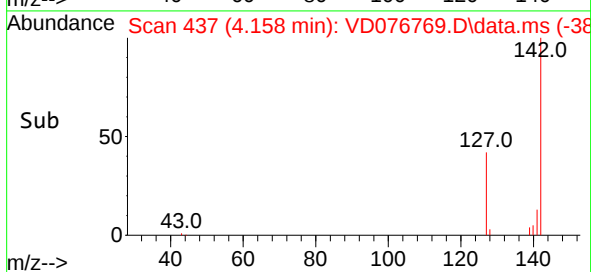
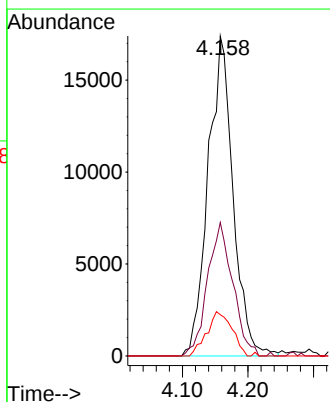
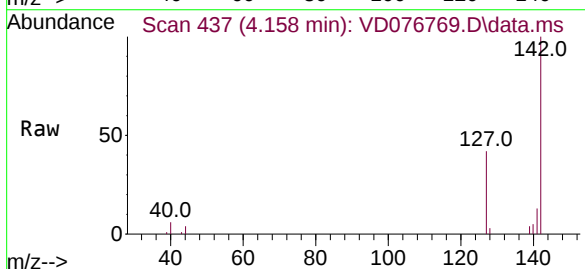
Manual Integrations
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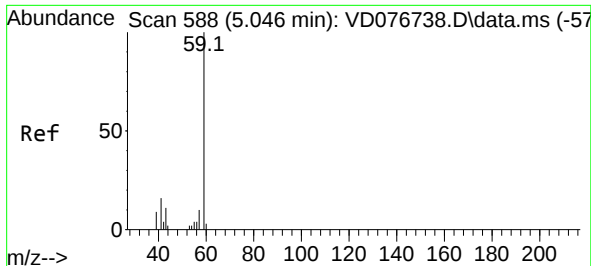
Reviewed By :John Carbone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#10
Methyl Iodide
Concen: 20.915 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Tgt Ion:142 Resp: 45956
Ion Ratio Lower Upper
142 100
127 42.2 29.4 44.0
141 13.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 95.163 ug/l

RT: 5.058 min Scan# 588

Delta R.T. 0.012 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 59 Resp: 13108

Ion Ratio Lower Upper

59 100

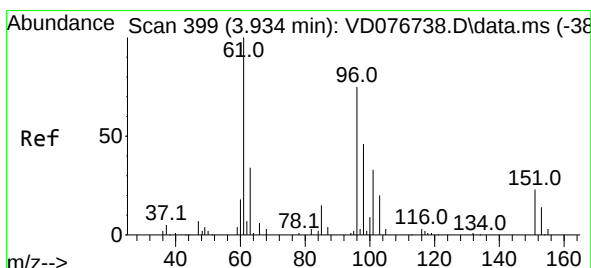
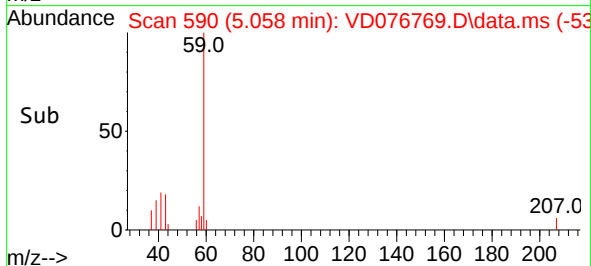
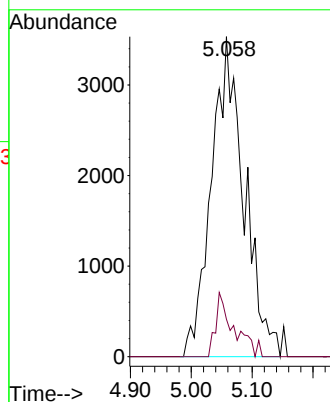
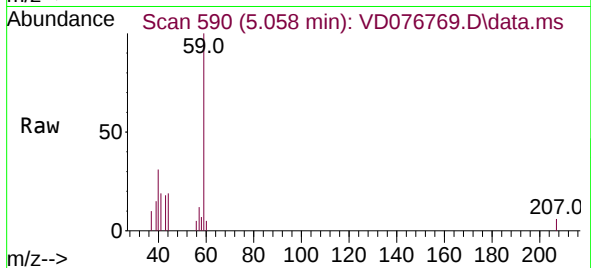
57 8.2 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#12

1,1-Dichloroethene

Concen: 20.024 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

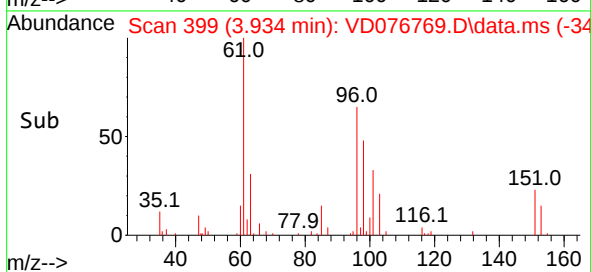
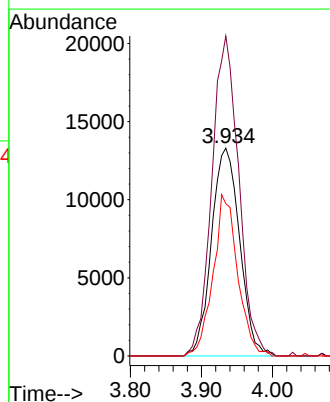
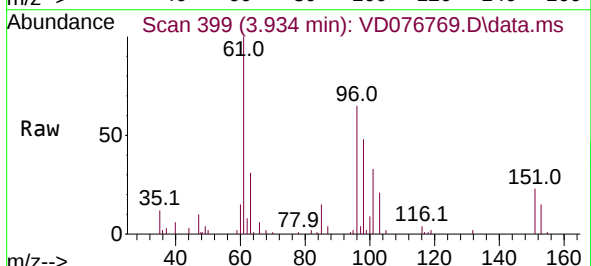
Tgt Ion: 96 Resp: 36670

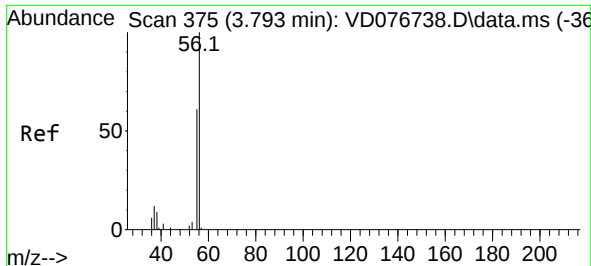
Ion Ratio Lower Upper

96 100

61 153.9 100.6 150.8#

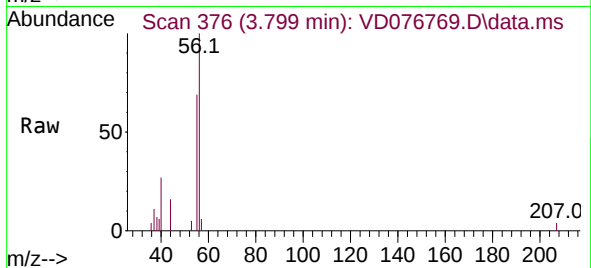
98 73.3 50.2 75.2





#13
Acrolein
Concen: 111.243 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

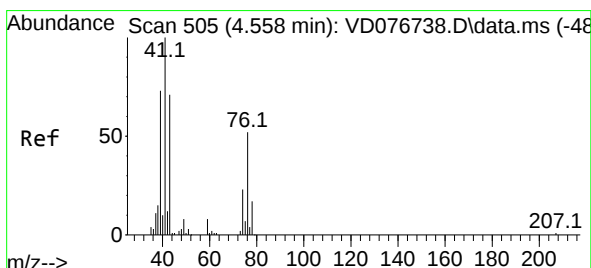
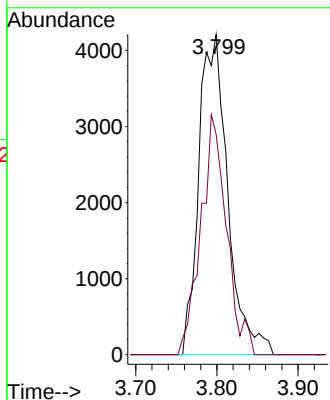
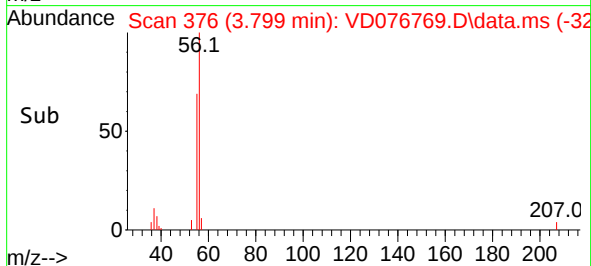
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion: 56 Resp: 1044
Ion Ratio Lower Upper
56 100
55 66.5 55.1 82.7

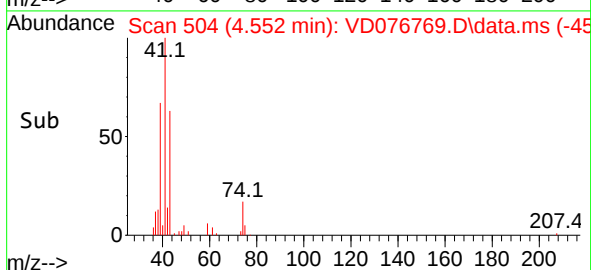
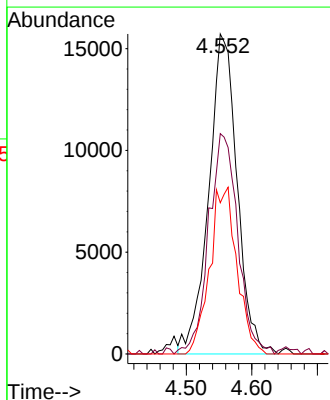
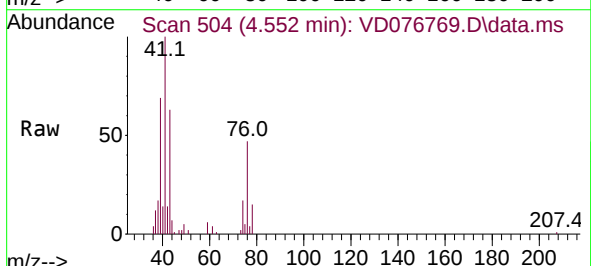
Manual Integrations
APPROVED

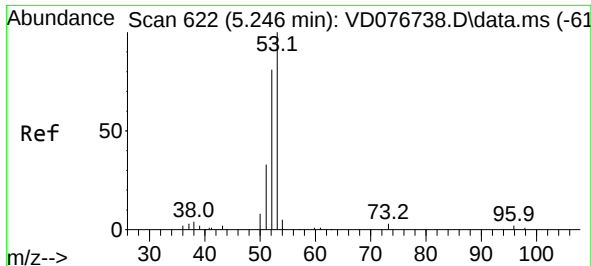
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#14
Allyl chloride
Concen: 19.647 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Tgt Ion: 41 Resp: 47265
Ion Ratio Lower Upper
41 100
39 70.4 53.8 80.6
76 49.8 45.8 68.8





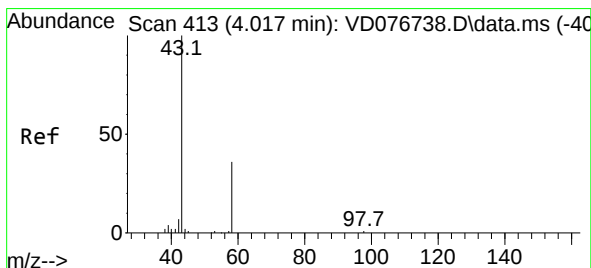
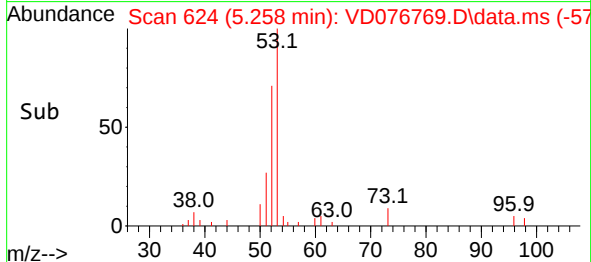
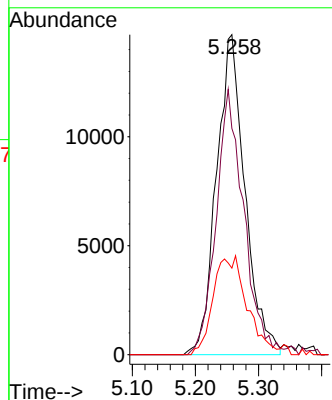
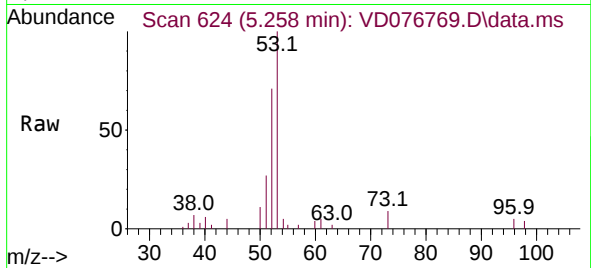
#15
Acrylonitrile
Concen: 91.735 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01

Tgt Ion: 53 Resp: 45999
Ion Ratio Lower Upper
53 100
52 80.5 65.0 97.4
51 36.4 28.3 42.5

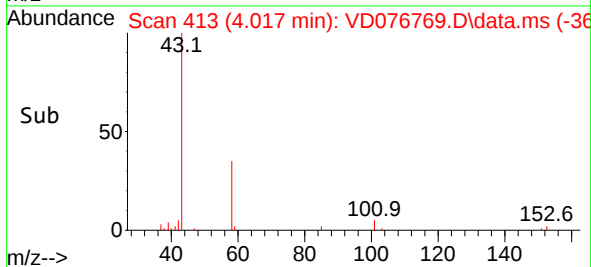
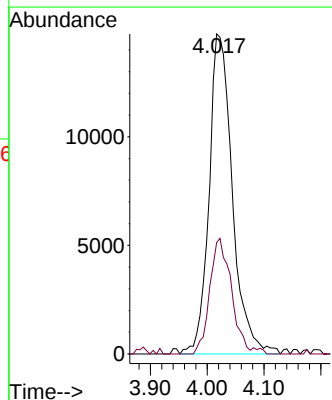
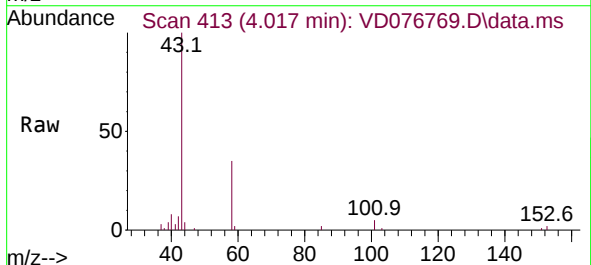
Manual Integrations
APPROVED

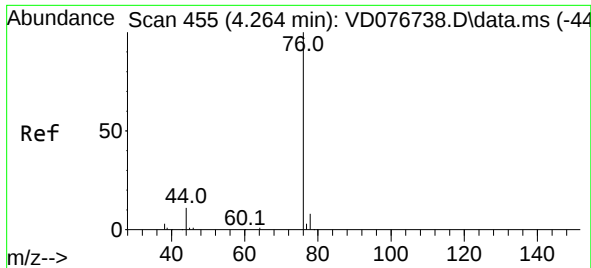
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#16
Acetone
Concen: 95.362 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

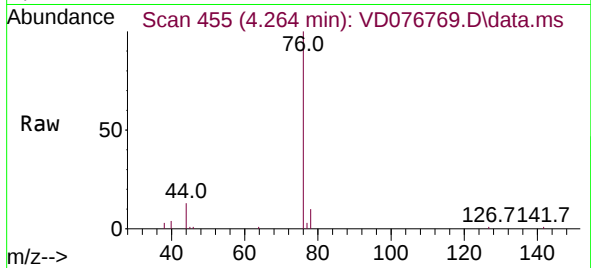
Tgt Ion: 43 Resp: 42039
Ion Ratio Lower Upper
43 100
58 34.9 34.7 52.1





#17
Carbon Disulfide
Concen: 19.606 ug/l
RT: 4.264 min Scan# 455
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

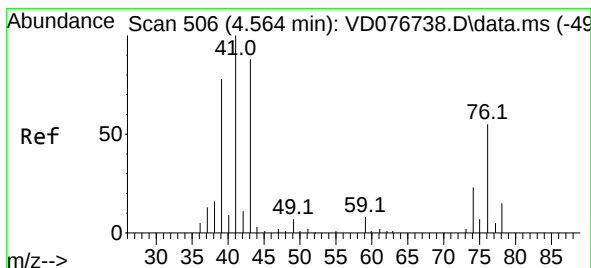
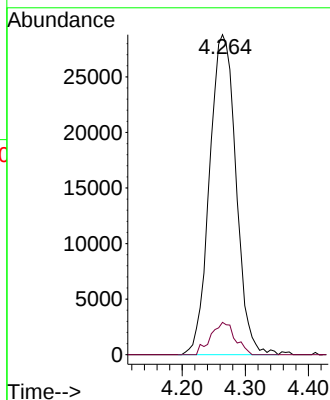
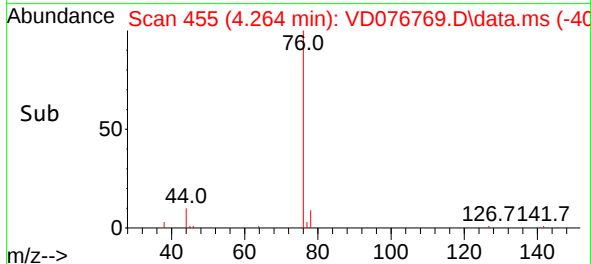
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion: 76 Resp: 83860
Ion Ratio Lower Upper
76 100
78 10.1 6.8 10.2

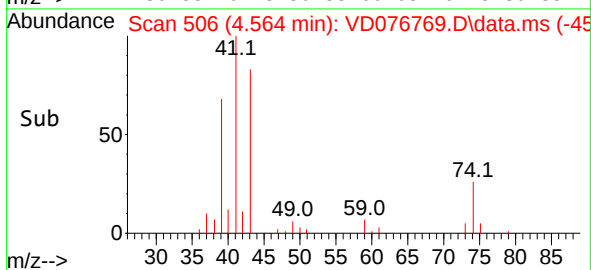
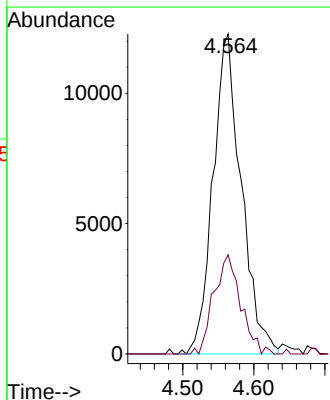
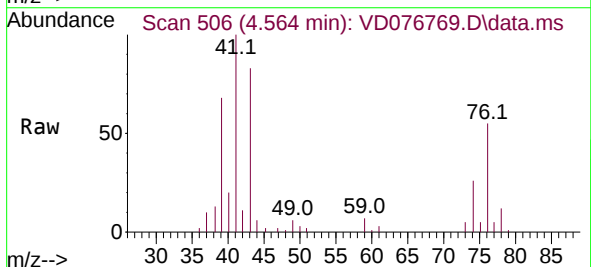
Manual Integrations
APPROVED

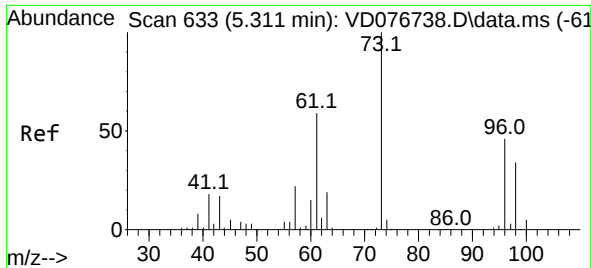
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#18
Methyl Acetate
Concen: 20.472 ug/l
RT: 4.564 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Tgt Ion: 43 Resp: 33908
Ion Ratio Lower Upper
43 100
74 29.4 26.4 39.6





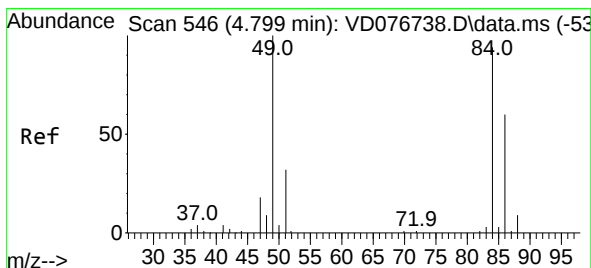
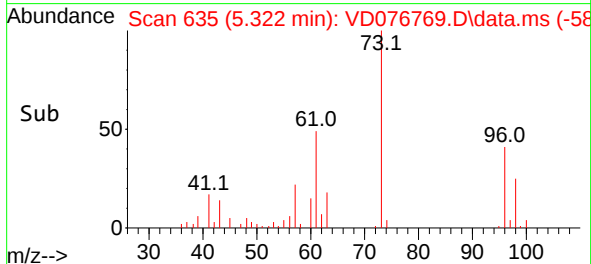
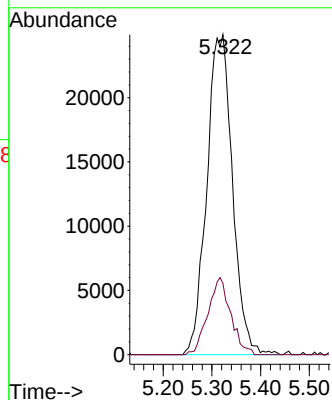
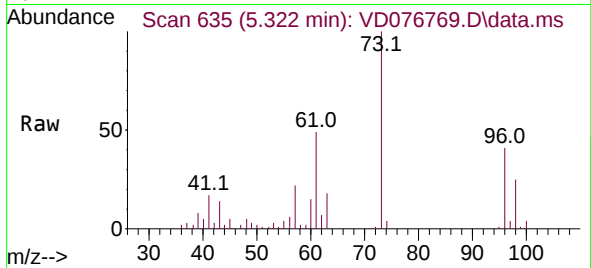
#19
Methyl tert-butyl Ether
Concen: 18.568 ug/l
RT: 5.322 min Scan# 611
Delta R.T. 0.011 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01

Tgt Ion: 73 Resp: 91188
Ion Ratio Lower Upper
73 100
57 22.3 16.6 25.0

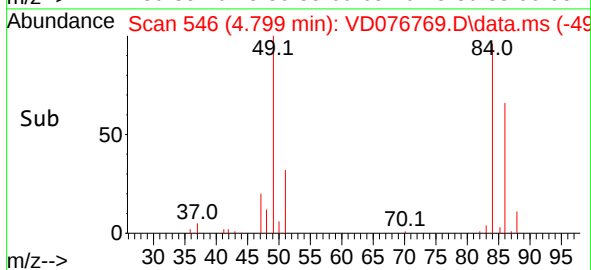
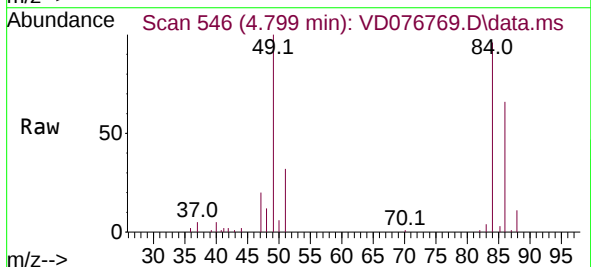
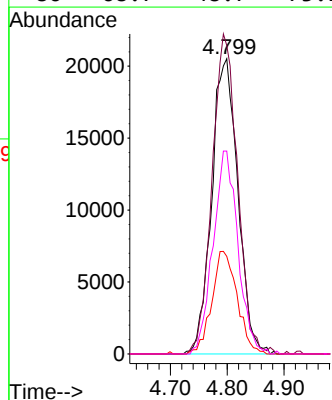
Manual Integrations
APPROVED

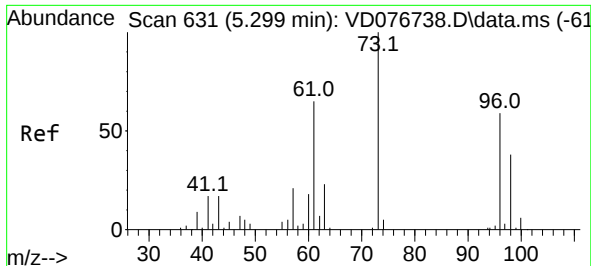
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#20
Methylene Chloride
Concen: 18.585 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

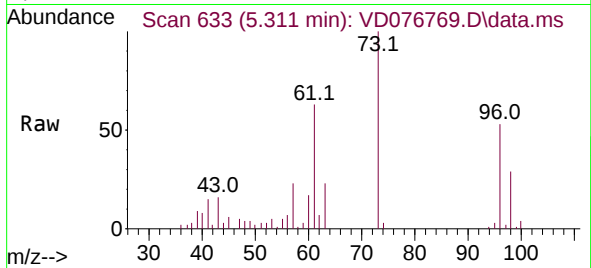
Tgt Ion: 84 Resp: 65773
Ion Ratio Lower Upper
84 100
49 104.5 71.4 107.2
51 33.0 24.5 36.7
86 68.7 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 20.164 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.012 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

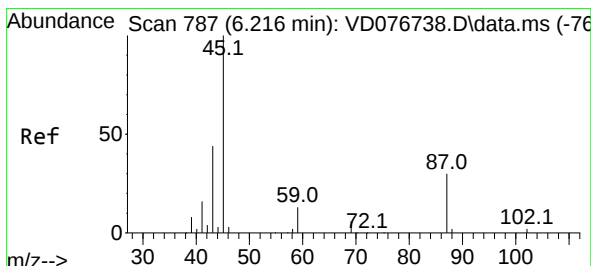
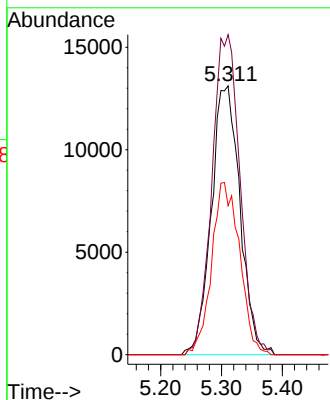
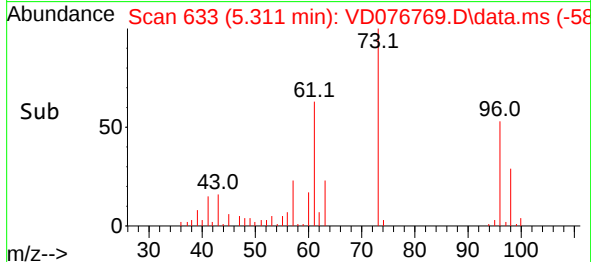
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



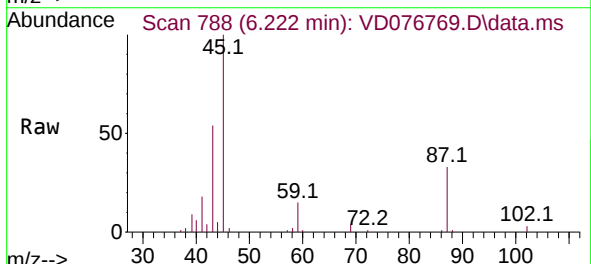
Tgt Ion: 96 Resp: 4292
Ion Ratio Lower Upper
96 100
61 119.0 89.3 133.9
98 55.4 48.6 73.0

Manual Integrations
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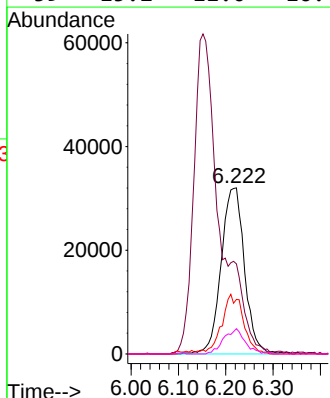
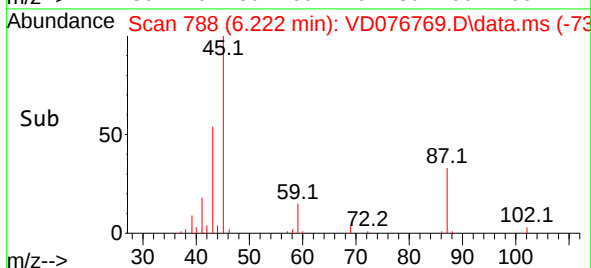
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

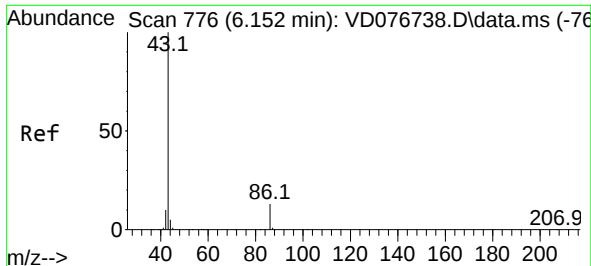


#22
Diisopropyl ether
Concen: 19.242 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04



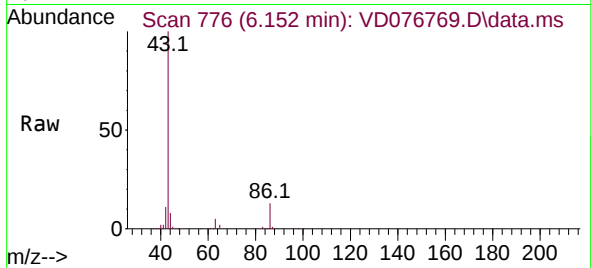
Tgt Ion: 45 Resp: 109614
Ion Ratio Lower Upper
45 100
43 52.6 40.0 60.0
87 32.8 28.2 42.4
59 15.2 11.0 16.4





#23
 Vinyl Acetate
 Concen: 84.665 ug/l m
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD076769.D
 Acq: 18 Jul 2023 11:04

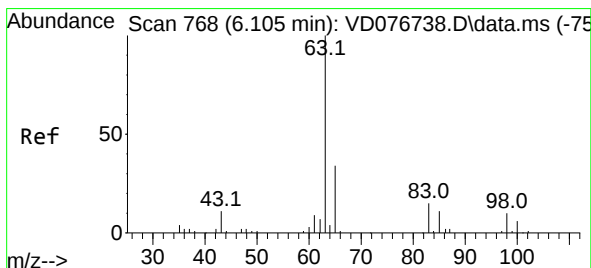
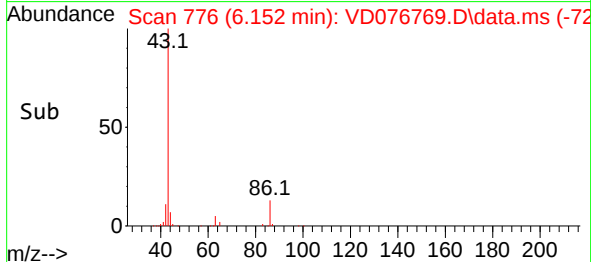
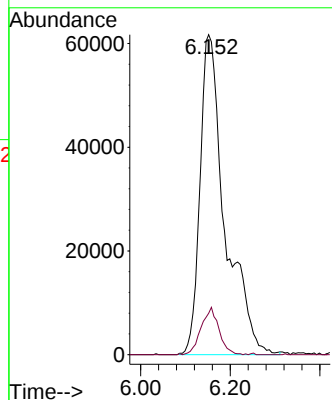
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01



Tgt Ion: 43 Resp: 23863
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7

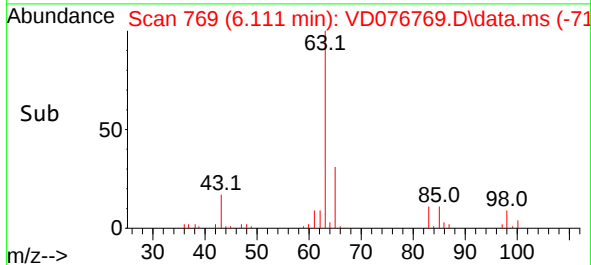
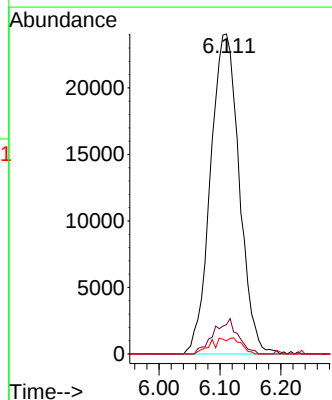
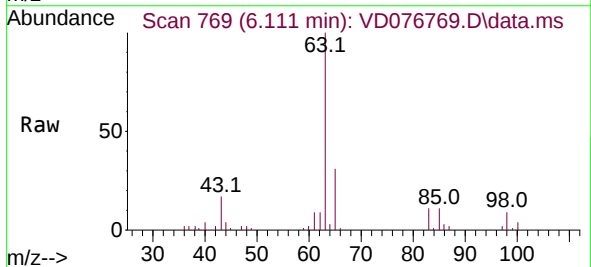
Manual Integrations
 APPROVED

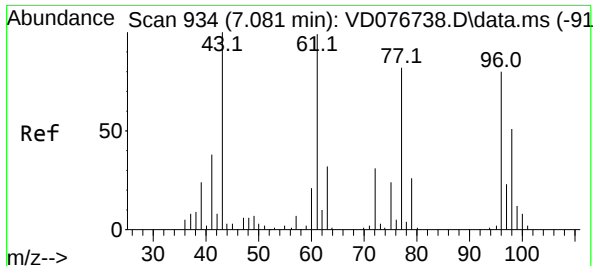
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#24
 1,1-Dichloroethane
 Concen: 20.544 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076769.D
 Acq: 18 Jul 2023 11:04

Tgt Ion: 63 Resp: 78905
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.5 13.7
 100 4.1 2.5 7.5





#25

2-Butanone

Concen: 99.437 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 43 Resp: 5866

Ion Ratio Lower Upper

43 100

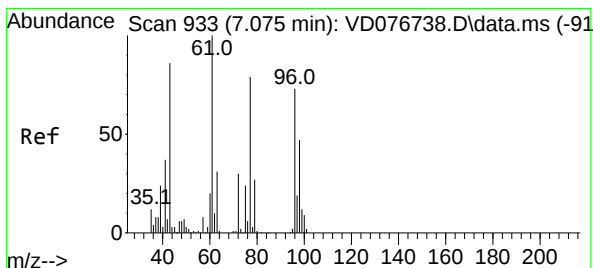
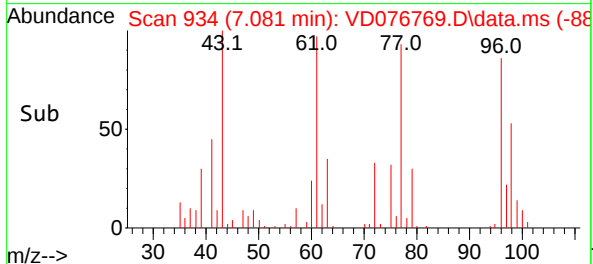
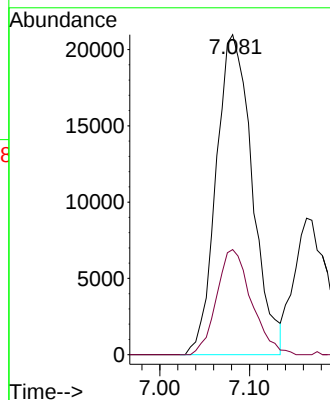
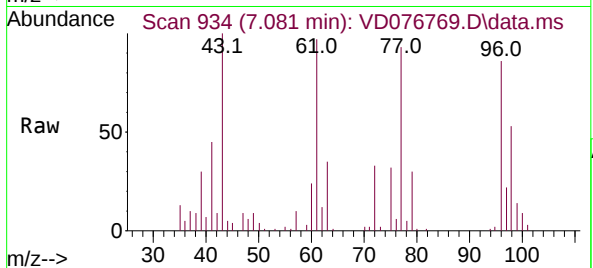
72 32.9 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#26

2,2-Dichloropropane

Concen: 19.911 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076769.D

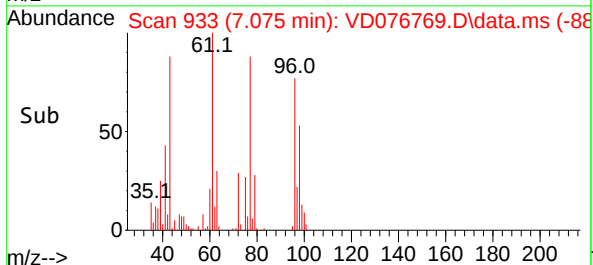
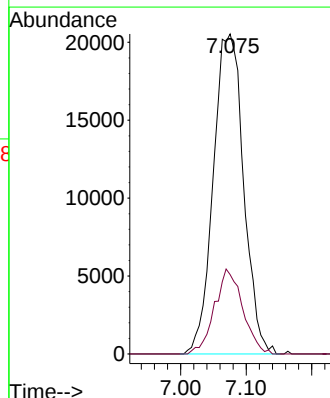
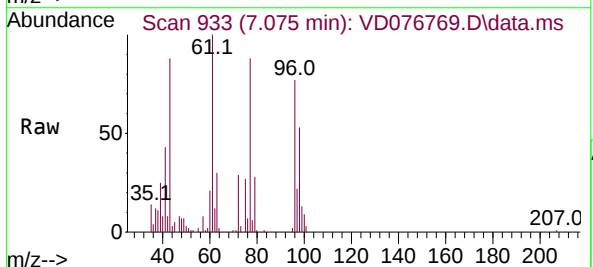
Acq: 18 Jul 2023 11:04

Tgt Ion: 77 Resp: 65924

Ion Ratio Lower Upper

77 100

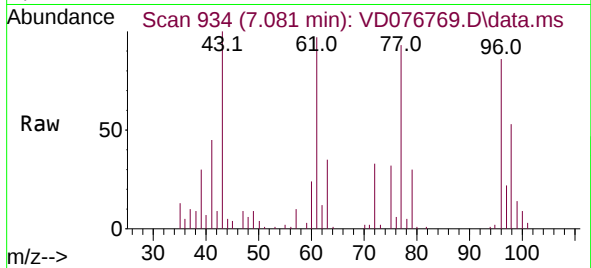
97 24.6 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 19.324 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD076769.D
 Acq: 18 Jul 2023 11:04

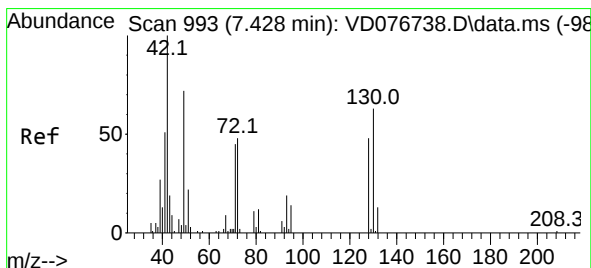
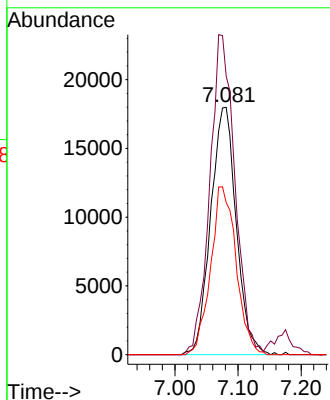
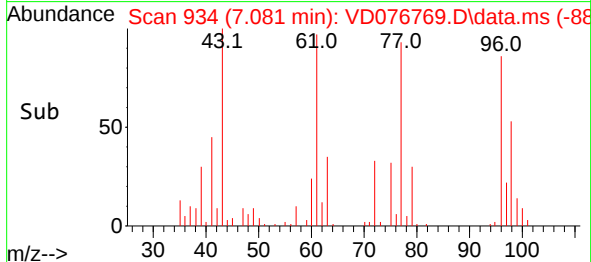
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBS01



Tgt Ion: 96 Resp: 50709
 Ion Ratio Lower Upper
 96 100
 61 126.8 0.0 239.2
 98 67.5 0.0 128.6

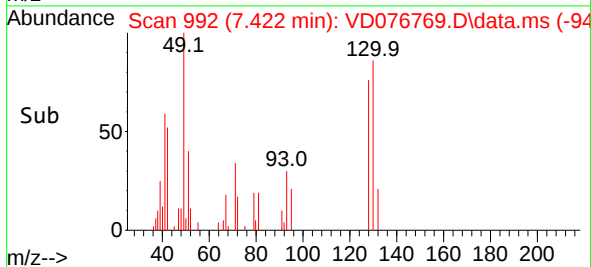
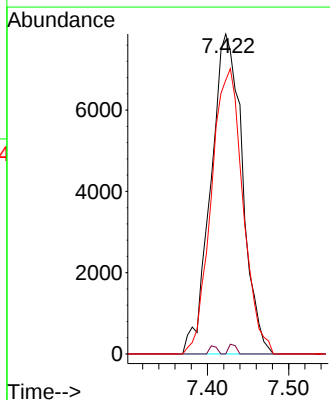
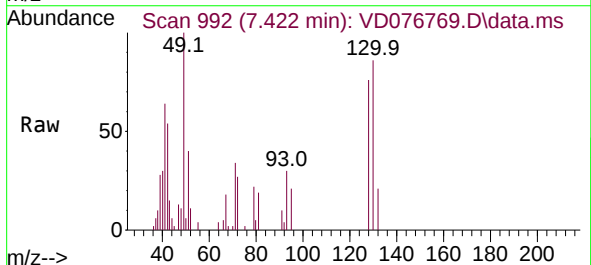
Manual Integrations
 APPROVED

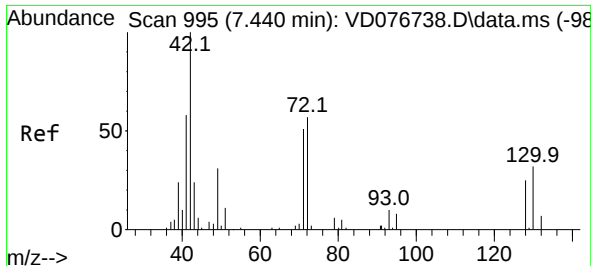
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023



#28
 Bromochloromethane
 Concen: 22.133 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076769.D
 Acq: 18 Jul 2023 11:04

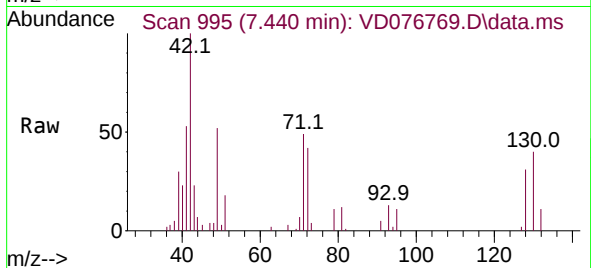
Tgt Ion: 49 Resp: 21253
 Ion Ratio Lower Upper
 49 100
 129 0.7 0.0 6.0
 130 89.2 83.2 124.8





#29
Tetrahydrofuran
Concen: 94.303 ug/l
RT: 7.440 min Scan# 995
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

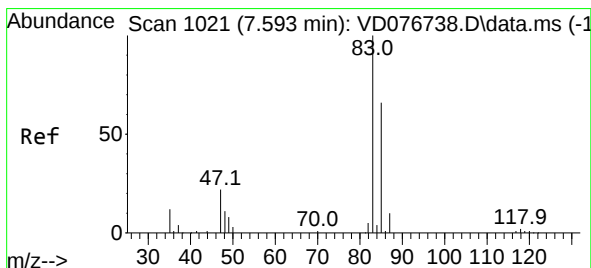
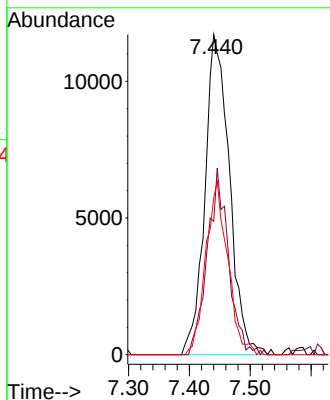
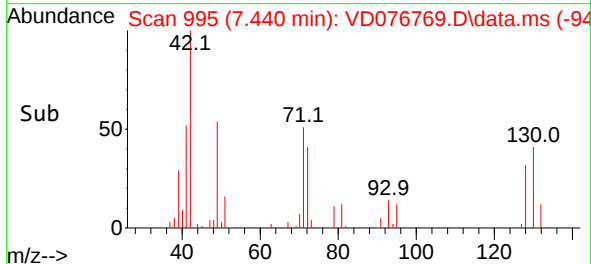
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion: 42 Resp: 3287
Ion Ratio Lower Upper
42 100
72 50.4 46.5 69.7
71 48.6 44.5 66.7

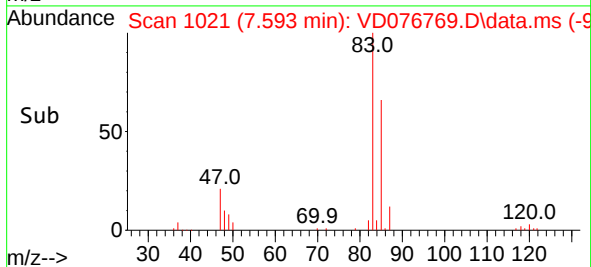
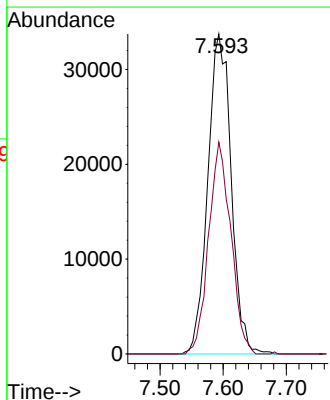
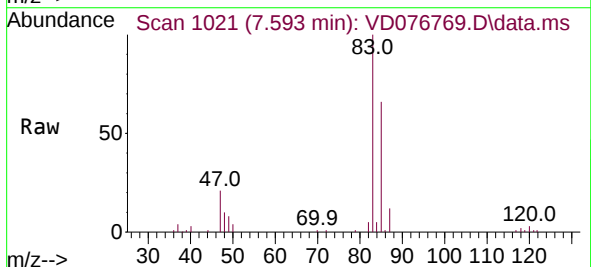
Manual Integrations
APPROVED

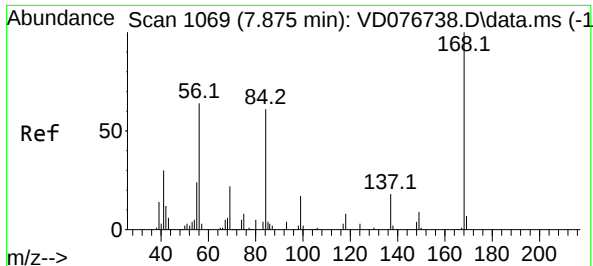
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#30
Chloroform
Concen: 20.603 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

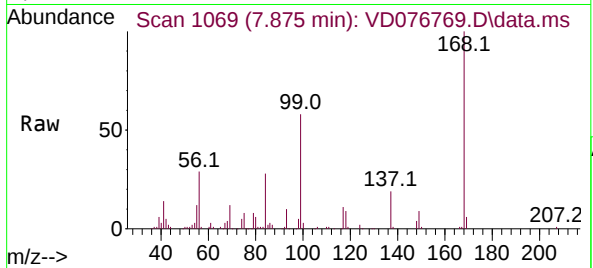
Tgt Ion: 83 Resp: 86673
Ion Ratio Lower Upper
83 100
85 66.2 53.4 80.2





#31
Cyclohexane
Concen: 21.543 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

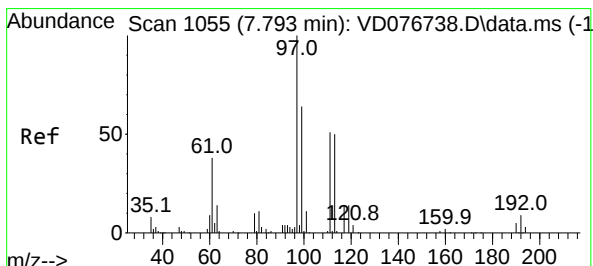
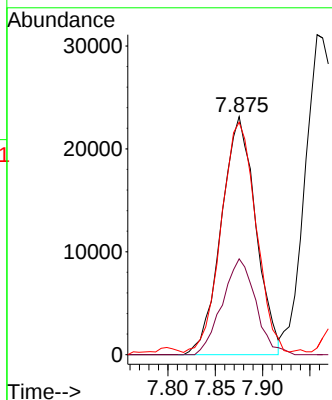
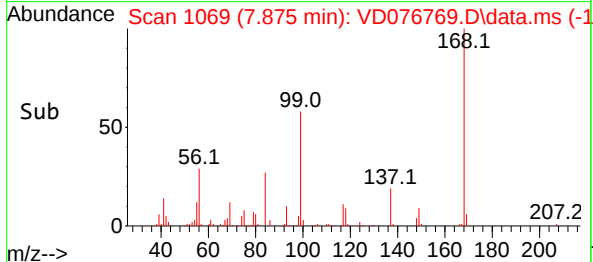
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01



Tgt Ion: 56 Resp: 58524
Ion Ratio Lower Upper
56 100
69 40.3 28.6 43.0
84 95.9 84.8 127.2

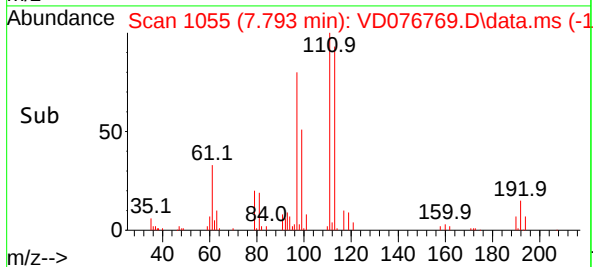
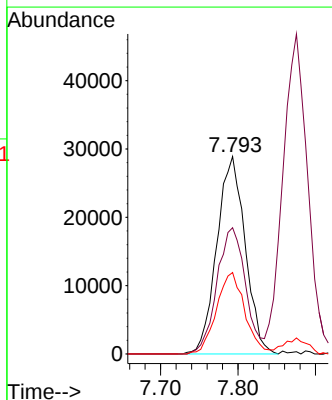
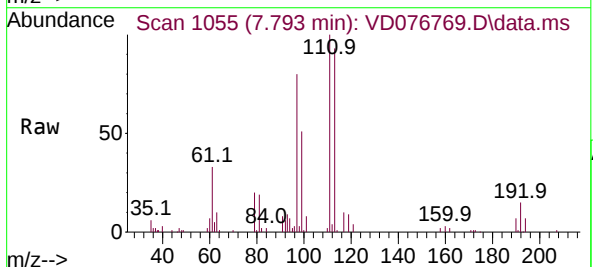
Manual Integrations
APPROVED

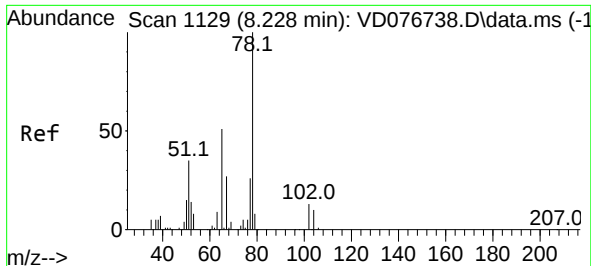
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#32
1,1,1-Trichloroethane
Concen: 21.655 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Tgt Ion: 97 Resp: 73500
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 41.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 46.779 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 65 Resp: 86348

Ion Ratio Lower Upper

65 100

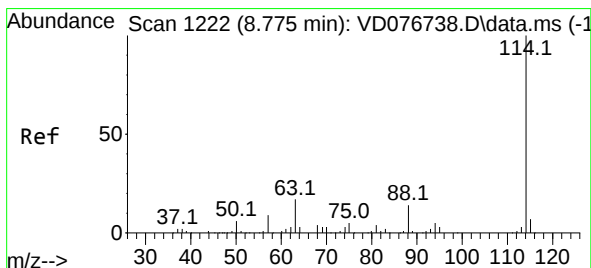
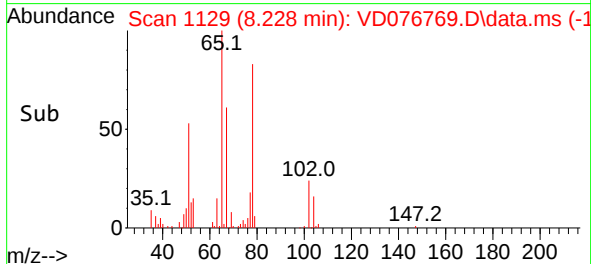
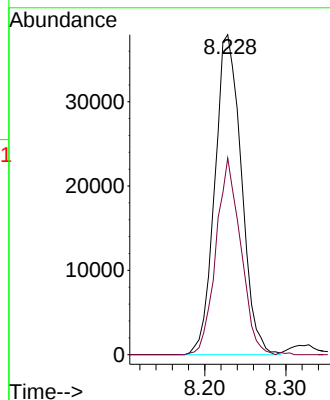
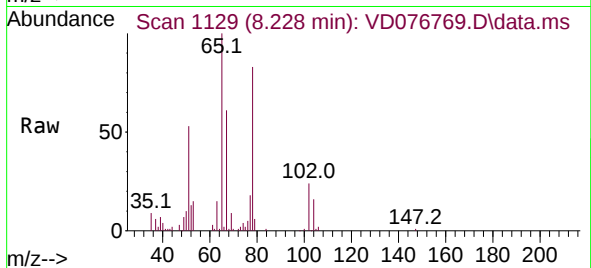
67 57.0 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

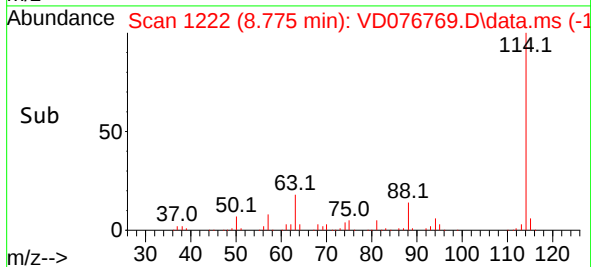
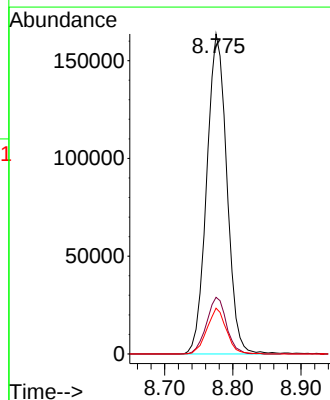
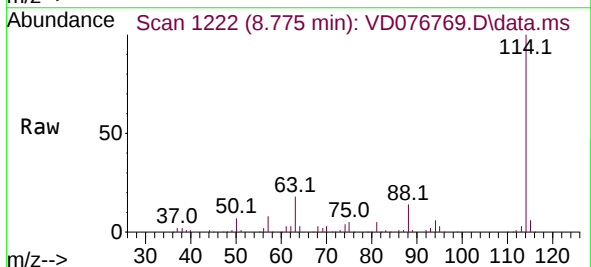
Tgt Ion:114 Resp: 336412

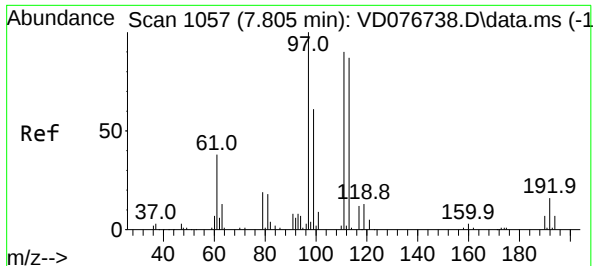
Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 14.3 0.0 26.2





#35

Dibromofluoromethane

Concen: 49.254 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 113 Resp: 10412

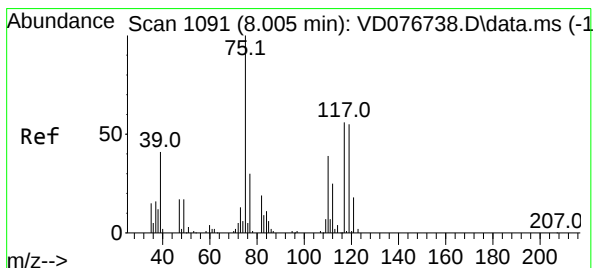
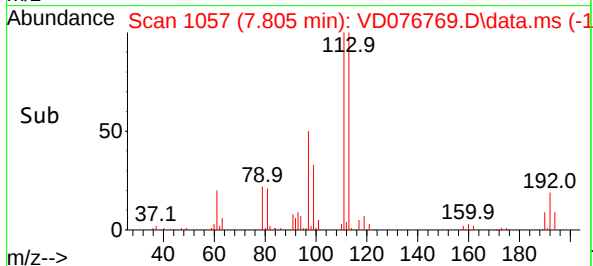
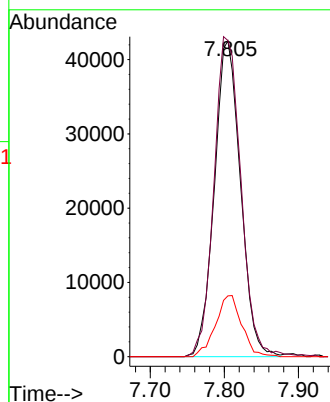
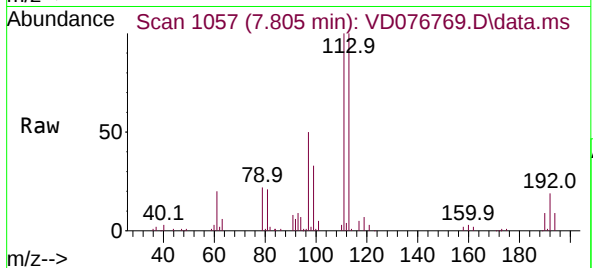
Ion	Ratio	Lower	Upper
113	100		
111	104.8	84.7	127.1
192	19.4	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#36

1,1-Dichloropropene

Concen: 21.508 ug/l

RT: 8.011 min Scan# 1092

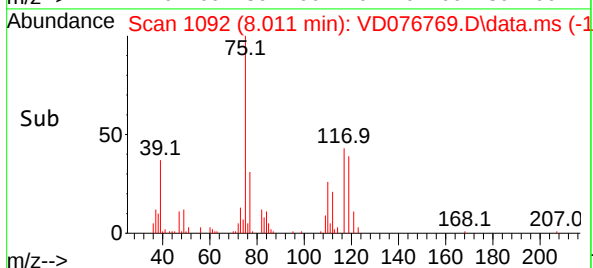
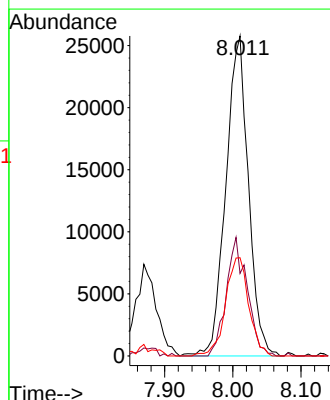
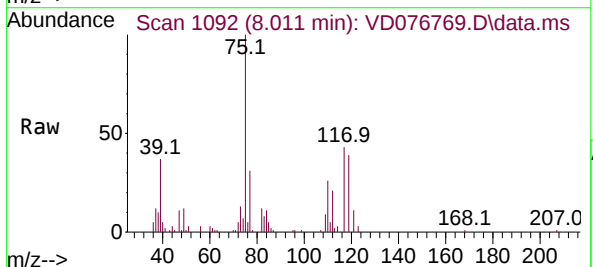
Delta R.T. 0.006 min

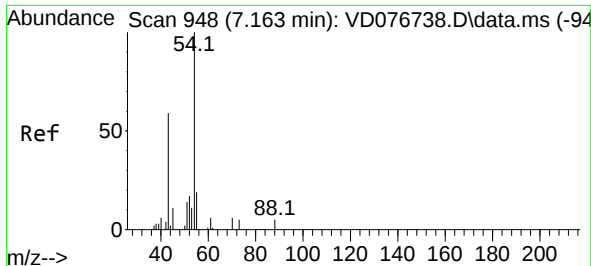
Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Tgt Ion: 75 Resp: 59415

Ion	Ratio	Lower	Upper
75	100		
110	34.4	19.9	59.6
77	31.8	24.7	37.1





#37

Ethyl Acetate

Concen: 20.019 ug/l

RT: 7.164 min Scan# 948

Delta R.T. 0.001 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 43 Resp: 2473

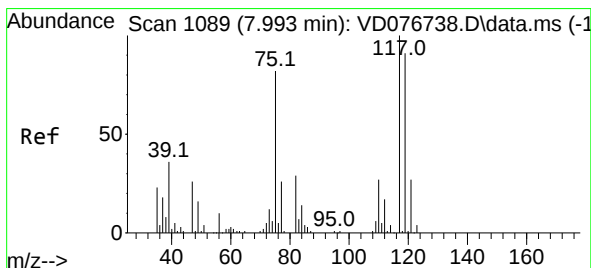
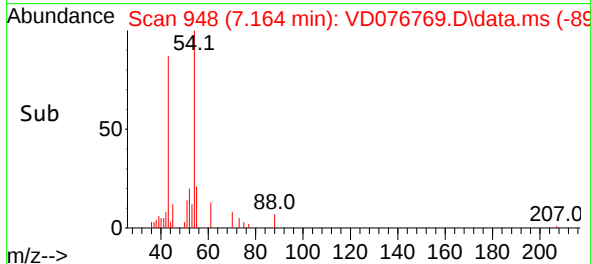
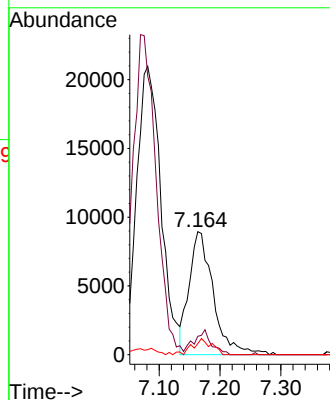
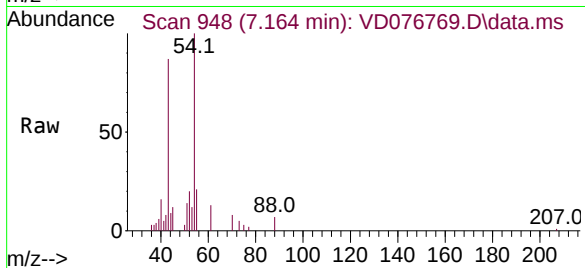
Ion	Ratio	Lower	Upper
43	100		
61	14.4	14.9	22.3
70	10.6	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#38

Carbon Tetrachloride

Concen: 22.098 ug/l

RT: 7.987 min Scan# 1088

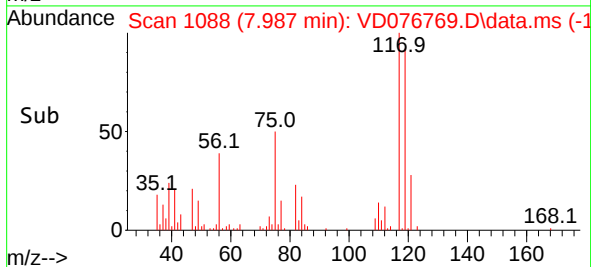
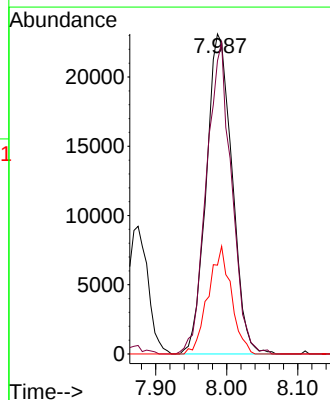
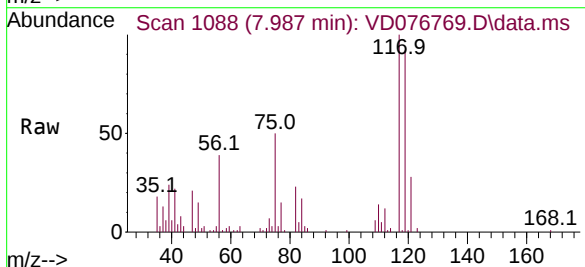
Delta R.T. -0.006 min

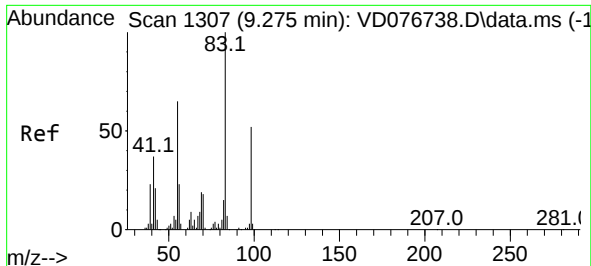
Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Tgt Ion: 117 Resp: 58453

Ion	Ratio	Lower	Upper
117	100		
119	91.6	78.0	117.0
121	27.8	24.2	36.2





#39

Methylcyclohexane

Concen: 21.112 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076769.D

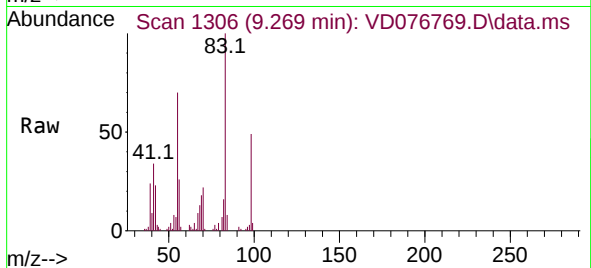
Acq: 18 Jul 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01



Tgt Ion: 83 Resp: 6734

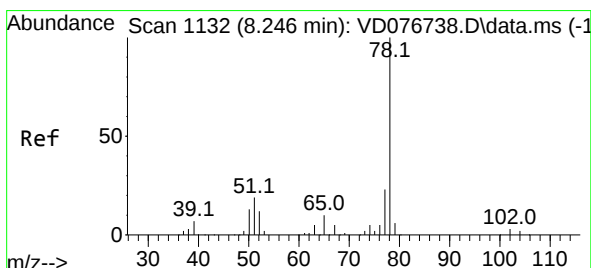
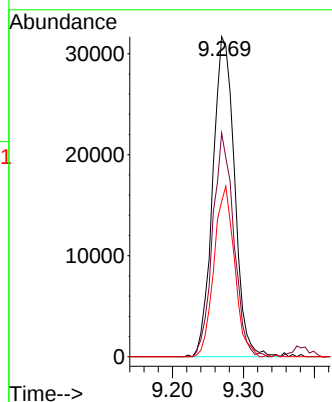
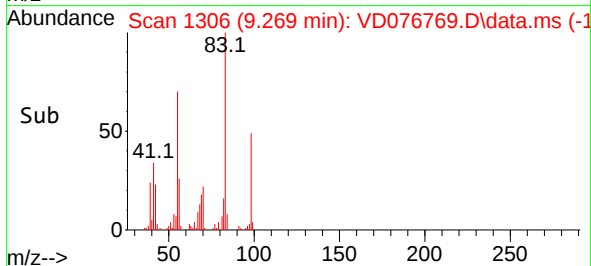
Ion	Ratio	Lower	Upper
83	100		
55	69.9	49.4	74.0
98	48.5	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#40

Benzene

Concen: 20.560 ug/l

RT: 8.246 min Scan# 1132

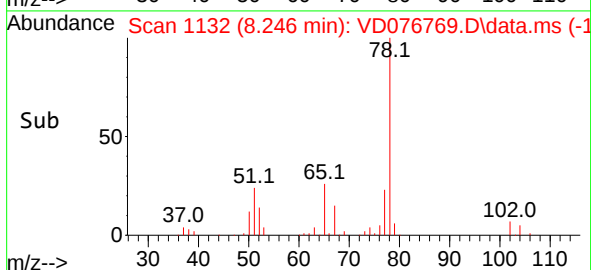
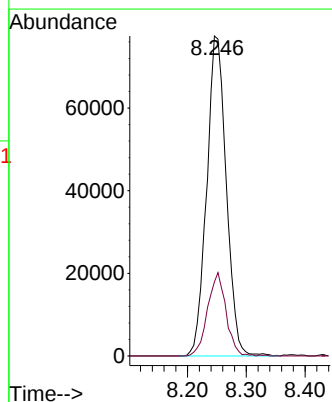
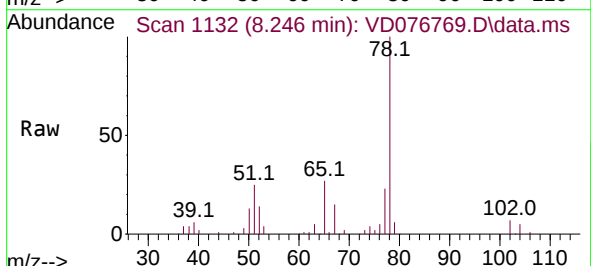
Delta R.T. -0.000 min

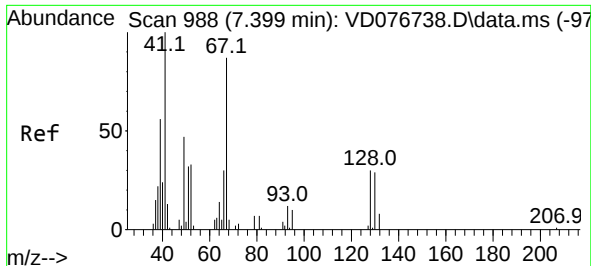
Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Tgt Ion: 78 Resp: 179208

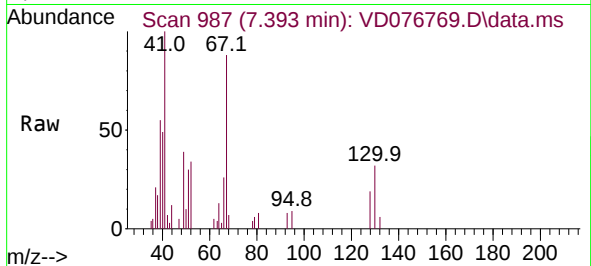
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.0





#41
Methacrylonitrile
Concen: 16.594 ug/l
RT: 7.393 min Scan# 987
Delta R.T. -0.006 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

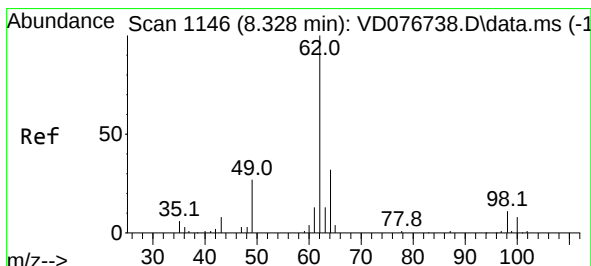
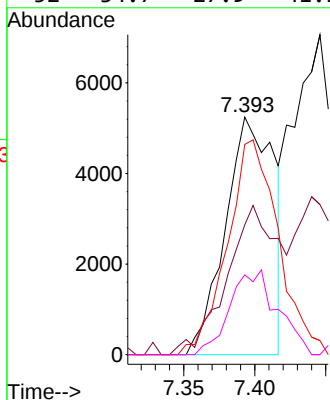
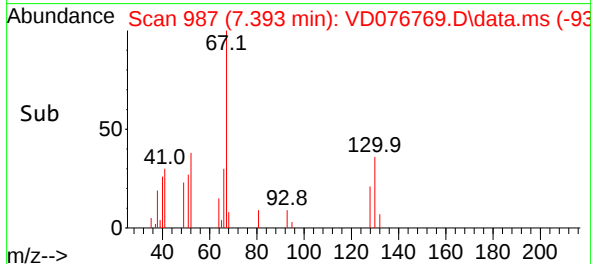
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01



Tgt Ion:	41	Resp:	12519
Ion Ratio	100	Lower	Upper
41	100		
39	67.2	34.0	51.0
67	95.2	77.0	115.4
52	34.7	27.9	41.9

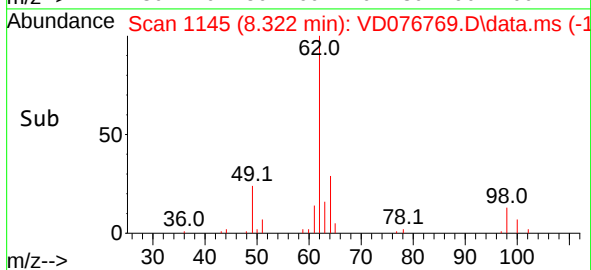
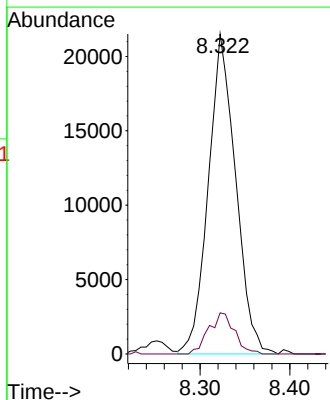
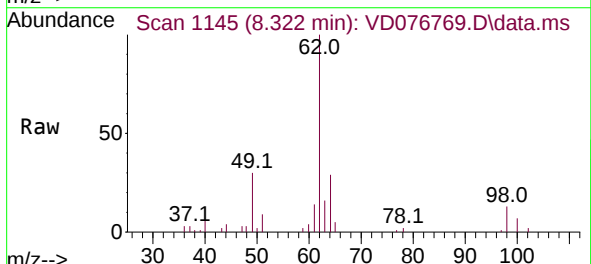
Manual Integrations
APPROVED

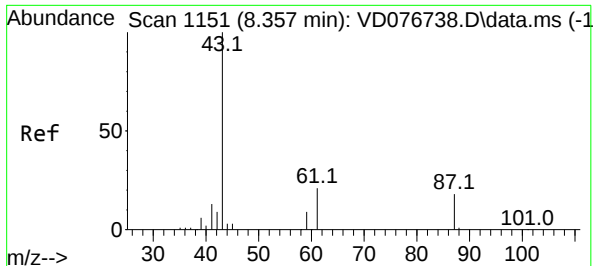
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#42
1,2-Dichloroethane
Concen: 20.090 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

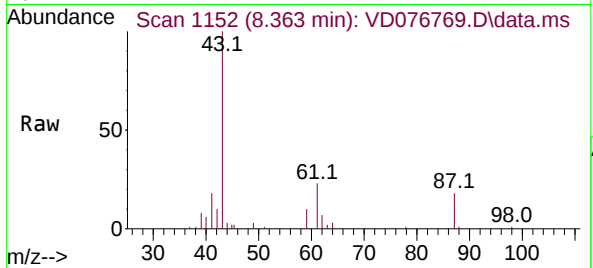
Tgt Ion:	62	Resp:	45498
Ion Ratio	100	Lower	Upper
62	100		
98	12.1	0.0	25.4





#43
Isopropyl Acetate
Concen: 18.325 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

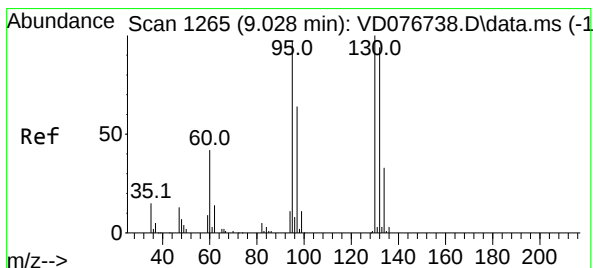
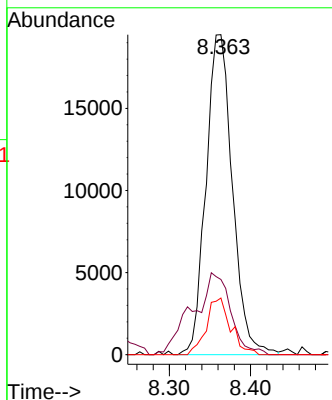
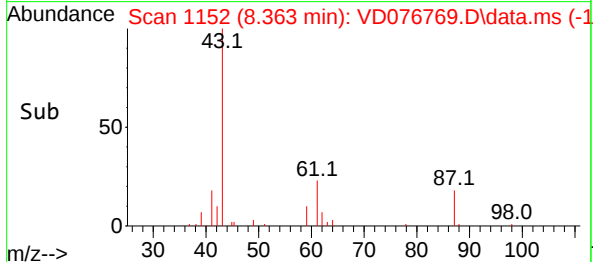
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01



Tgt Ion: 43 Resp: 4418
Ion Ratio Lower Upper
43 100
61 23.3 31.4 47.0
87 16.2 14.9 22.3

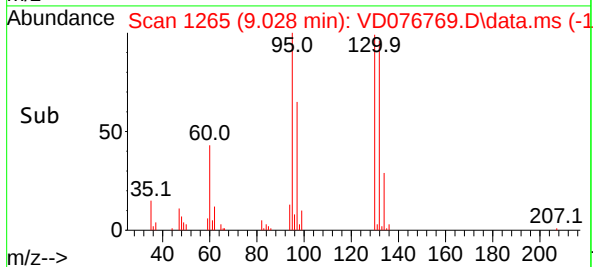
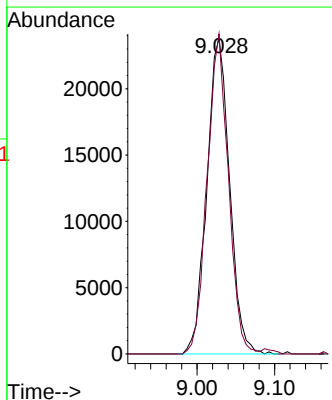
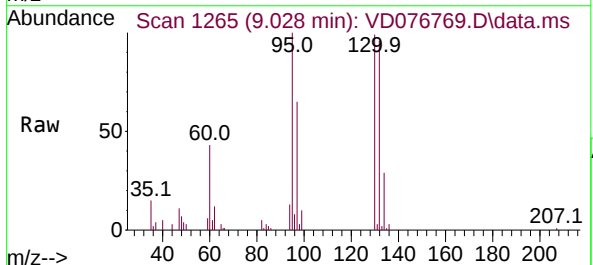
Manual Integrations
APPROVED

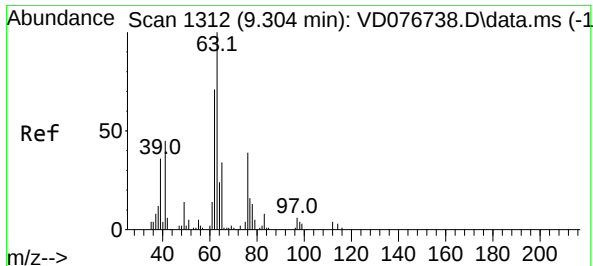
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#44
Trichloroethene
Concen: 20.480 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Tgt Ion:130 Resp: 48643
Ion Ratio Lower Upper
130 100
95 101.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 19.852 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

Tgt Ion: 63 Resp: 4466

Ion Ratio Lower Upper

63 100

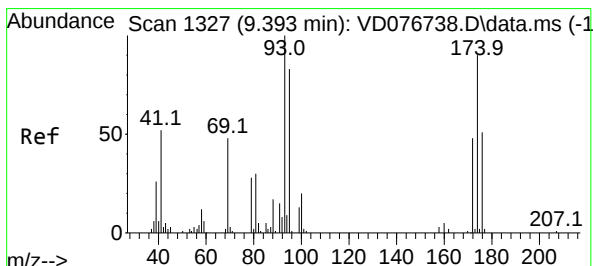
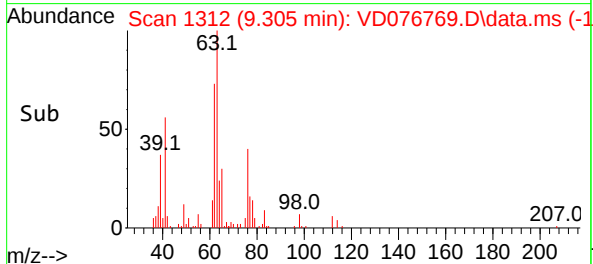
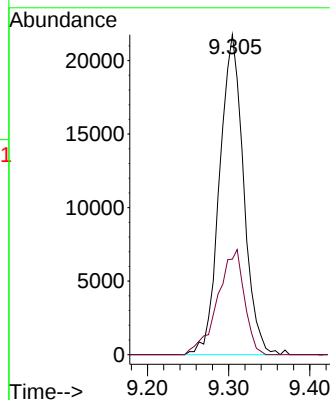
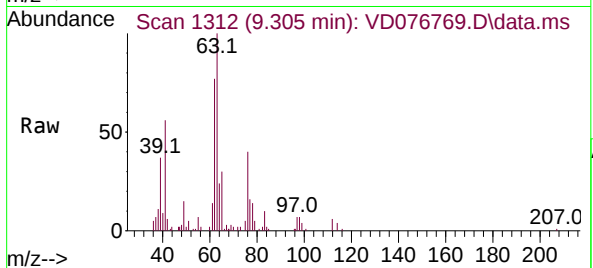
65 29.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#46

Dibromomethane

Concen: 19.885 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

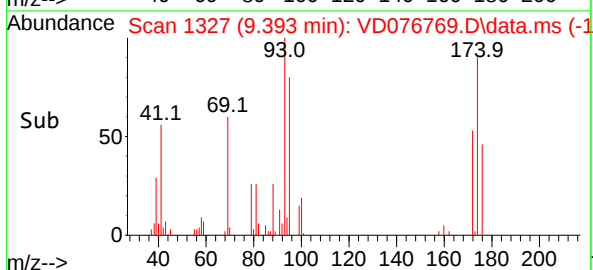
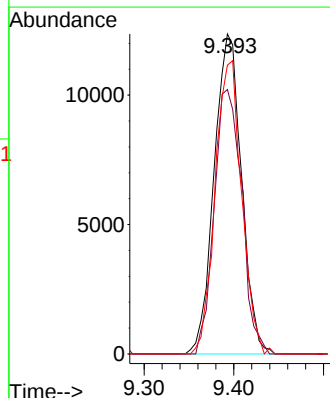
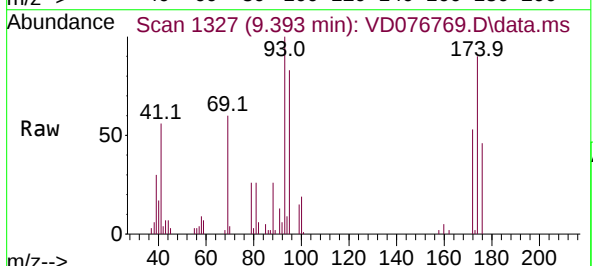
Tgt Ion: 93 Resp: 26189

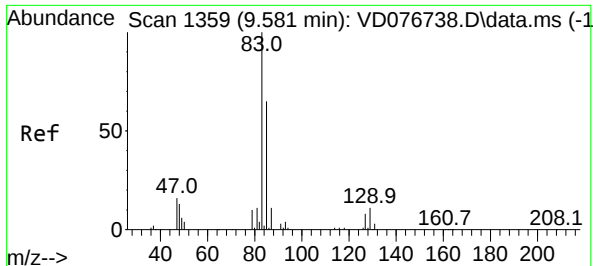
Ion Ratio Lower Upper

93 100

95 83.4 67.7 101.5

174 88.7 85.4 128.2





#47

Bromodichloromethane

Concen: 19.775 ug/l

RT: 9.587 min Scan# 1359

Delta R.T. 0.006 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBS01

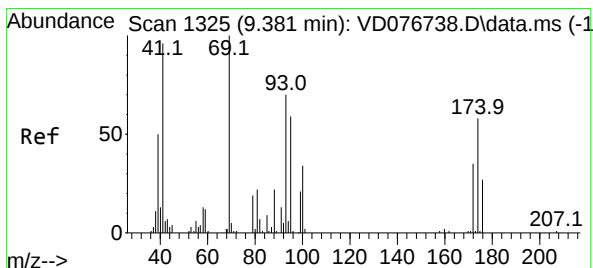
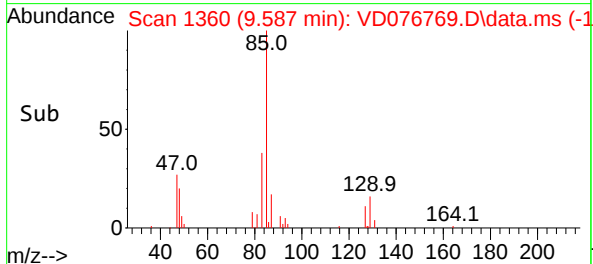
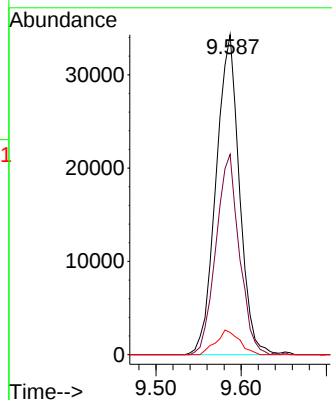
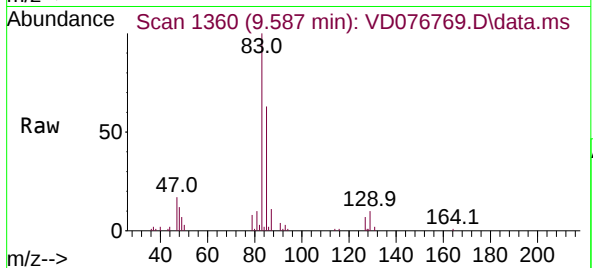
Tgt Ion: 83	Resp: 6535
Ion Ratio	Lower Upper
83	100
85	62.6 50.2 75.4
127	7.0 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#48

Methyl methacrylate

Concen: 17.444 ug/l

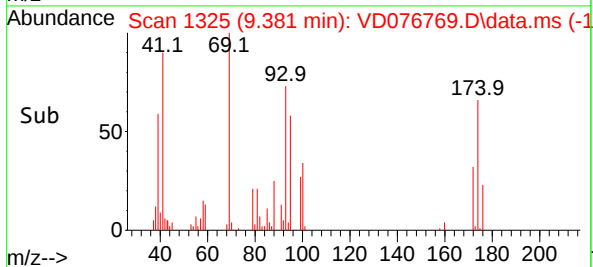
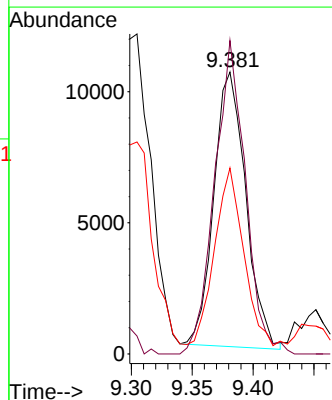
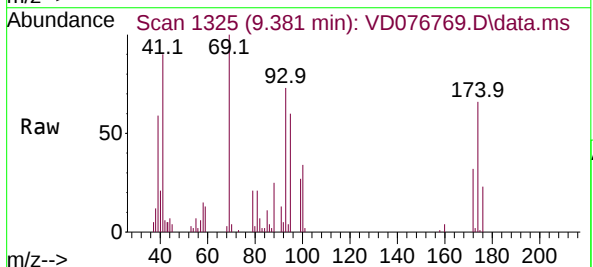
RT: 9.381 min Scan# 1325

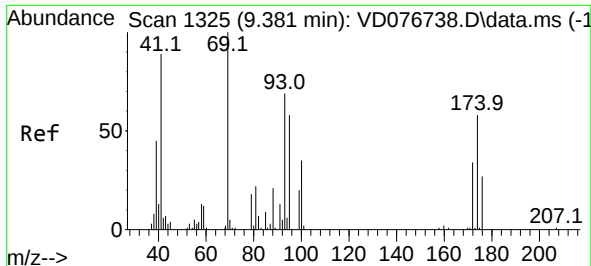
Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

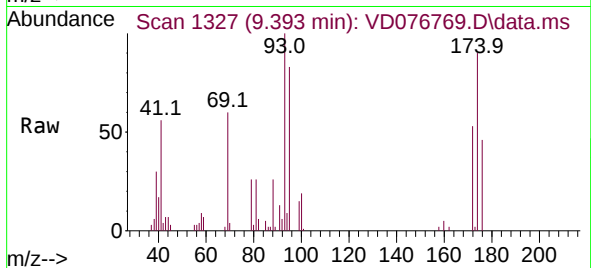
Tgt Ion: 41	Resp: 19142
Ion Ratio	Lower Upper
41	100
69	110.4 102.2 153.2
39	66.8 41.4 62.2





#49
1,4-Dioxane
Concen: 382.669 ug/l
RT: 9.393 min Scan# 11
Delta R.T. 0.012 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

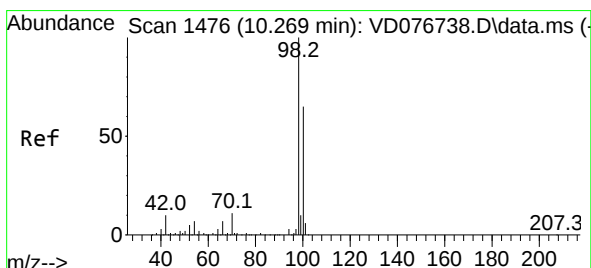
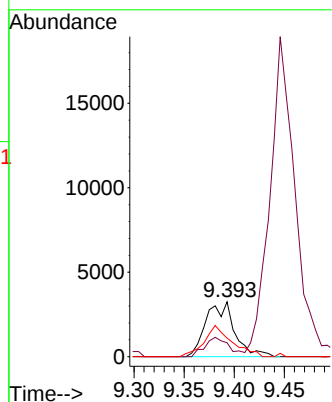
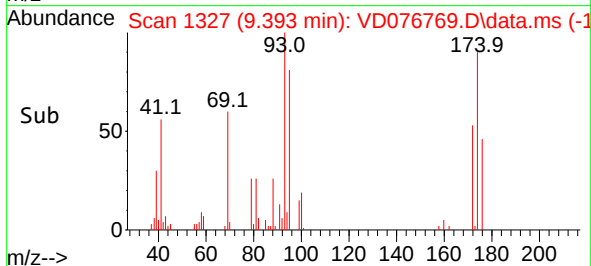
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01



Tgt Ion: 88 Resp: 645
Ion Ratio Lower Upper
88 100
43 30.6 19.0 28.6
58 54.6 43.5 65.3

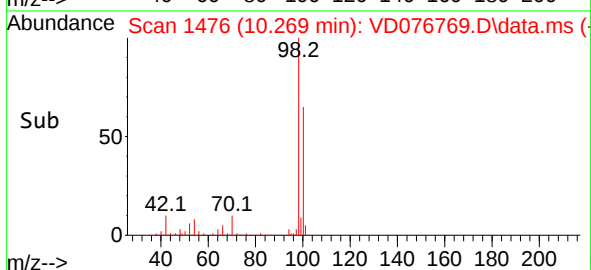
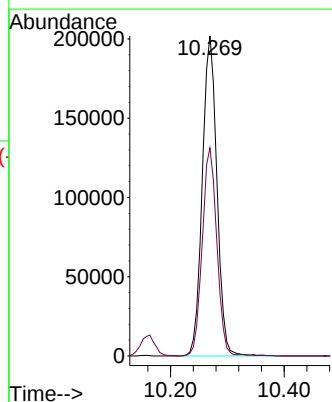
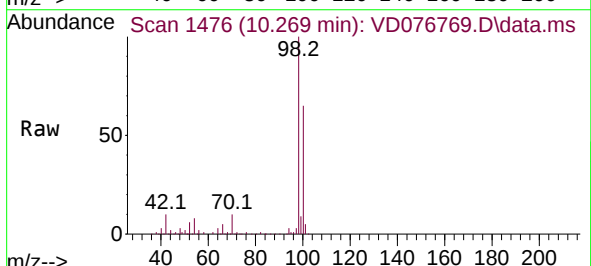
Manual Integrations
APPROVED

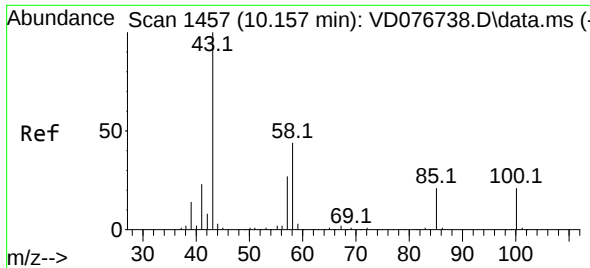
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#50
Toluene-d8
Concen: 47.650 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

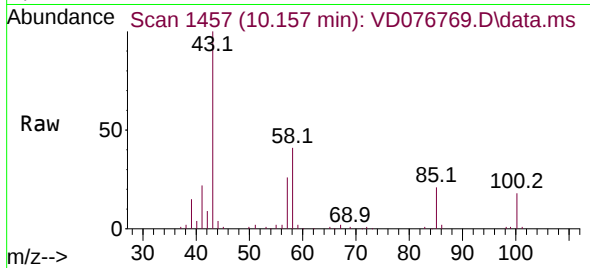
Tgt Ion: 98 Resp: 360360
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5





#51
4-Methyl-2-Pentanone
Concen: 93.509 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

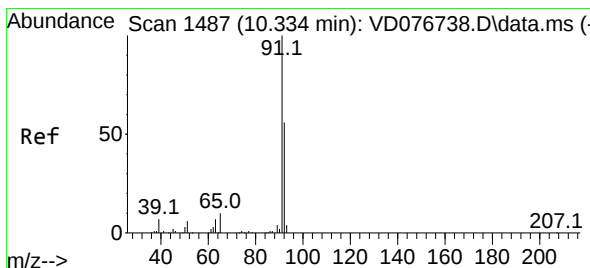
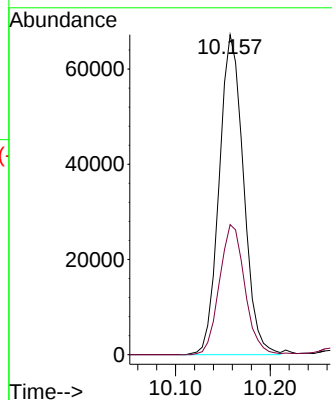
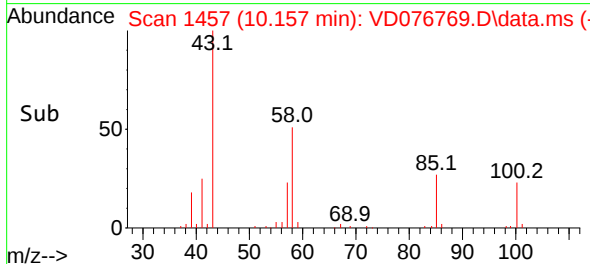
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



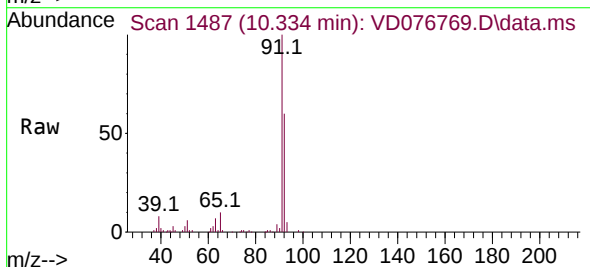
Tgt Ion: 43 Resp: 120038
Ion Ratio Lower Upper
43 100
58 42.5 38.9 58.3

Manual Integrations
APPROVED

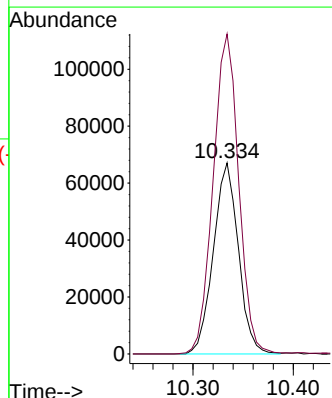
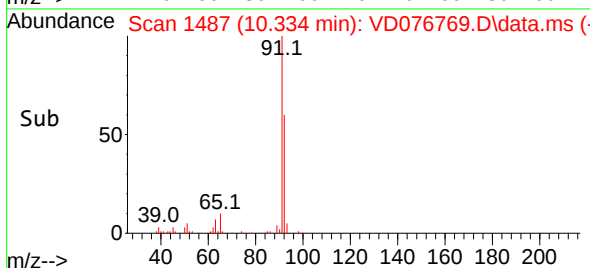
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#52
Toluene
Concen: 20.294 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04



Tgt Ion: 92 Resp: 116178
Ion Ratio Lower Upper
92 100
91 171.0 143.0 214.4





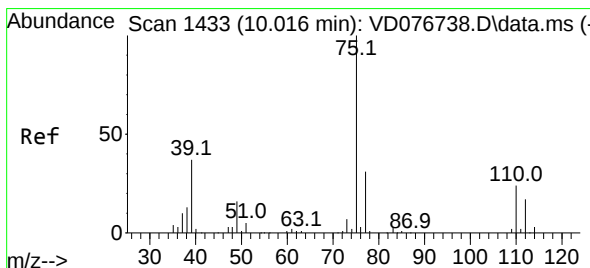
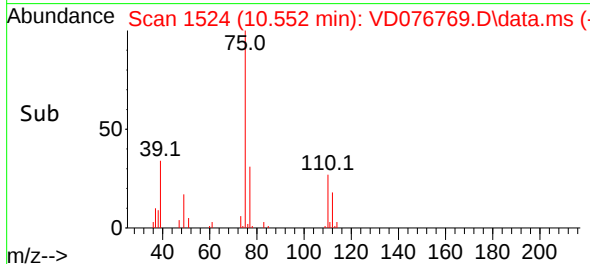
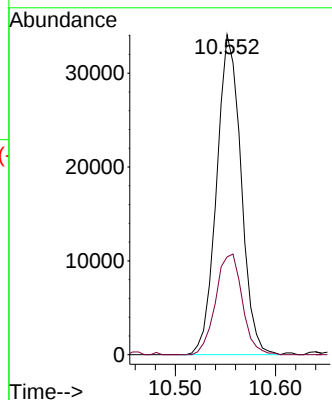
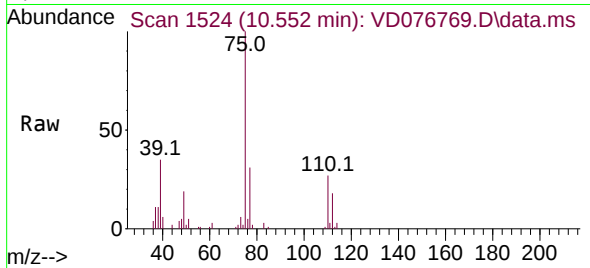
#53
t-1,3-Dichloropropene
Concen: 18.771 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.001 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01

Tgt Ion: 75 Resp: 5758
Ion Ratio Lower Upper
75 100
77 30.6 25.3 37.9

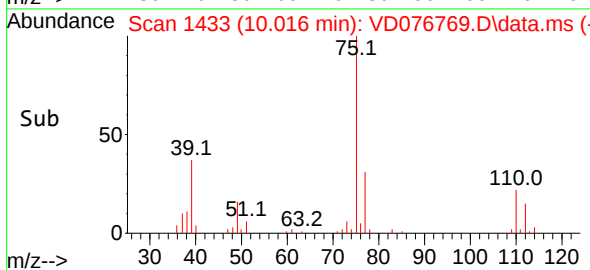
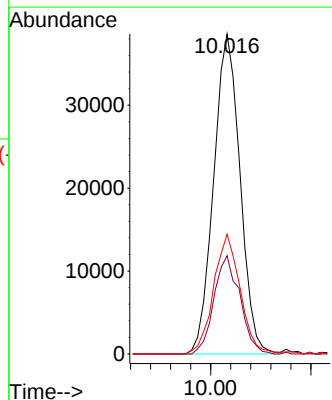
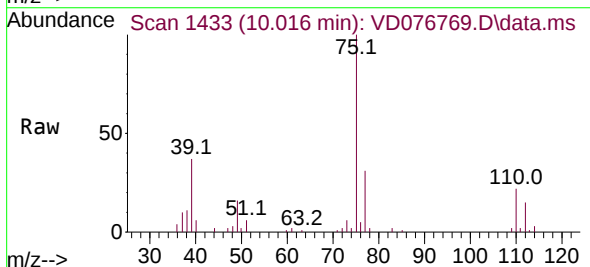
Manual Integrations
APPROVED

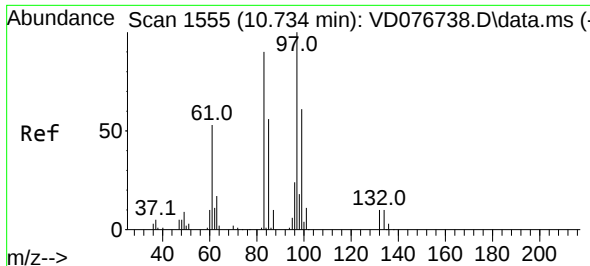
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#54
cis-1,3-Dichloropropene
Concen: 19.469 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

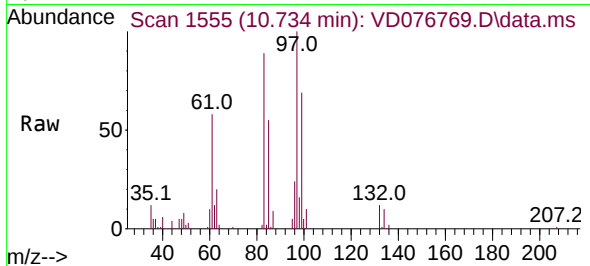
Tgt Ion: 75 Resp: 70389
Ion Ratio Lower Upper
75 100
77 30.7 25.5 38.3
39 37.4 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 19.172 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

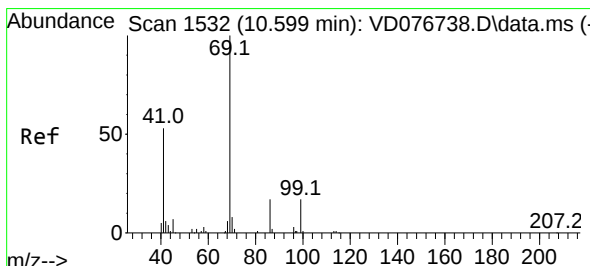
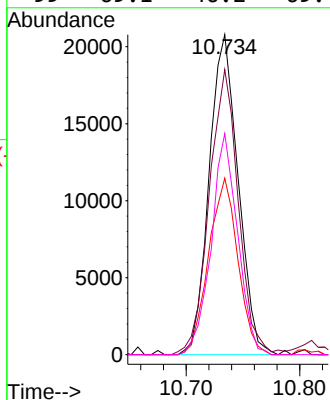
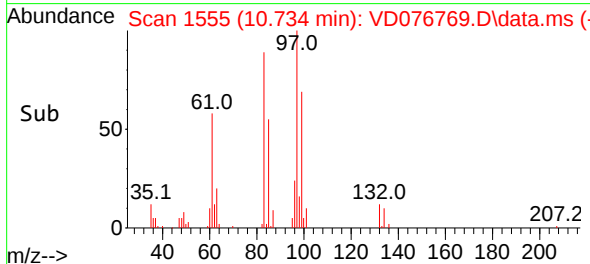
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



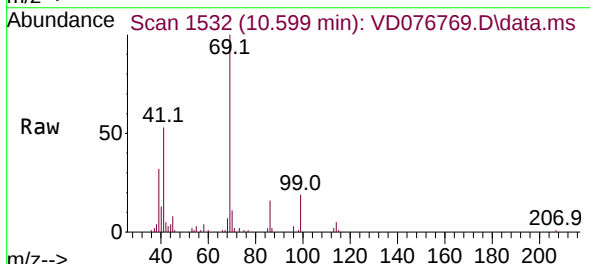
Tgt Ion:	97	Resp:	36870
Ion Ratio	100	Lower	Upper
97	100		
83	88.2	65.8	98.6
85	55.1	45.7	68.5
99	69.1	46.2	69.4

Manual Integrations
APPROVED

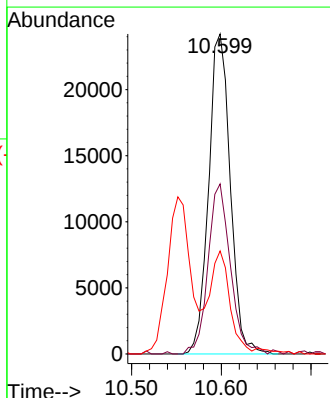
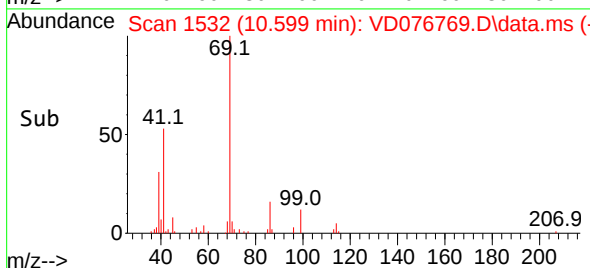
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

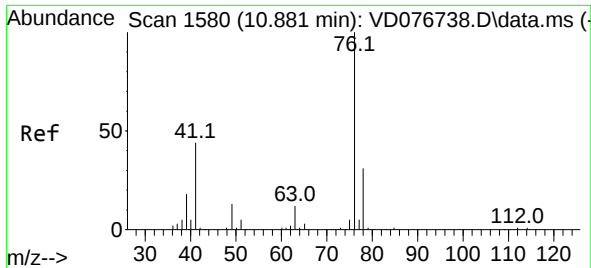


#56
Ethyl methacrylate
Concen: 18.282 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04



Tgt Ion:	69	Resp:	40580
Ion Ratio	100	Lower	Upper
69	100		
41	54.7	39.1	58.7
39	29.6	20.0	30.0





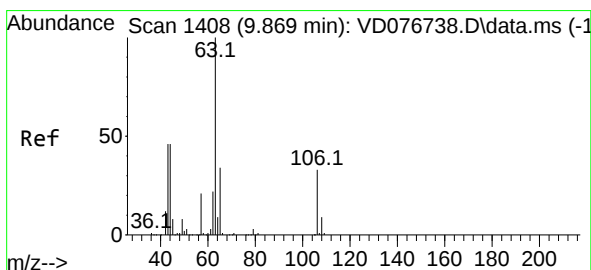
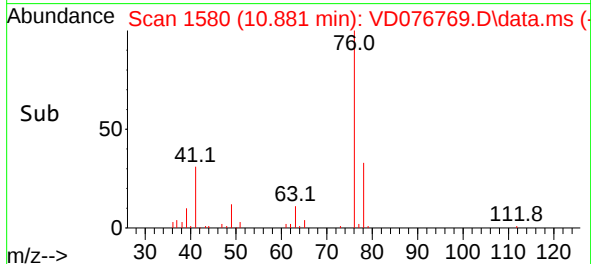
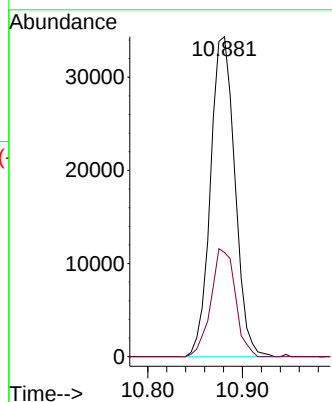
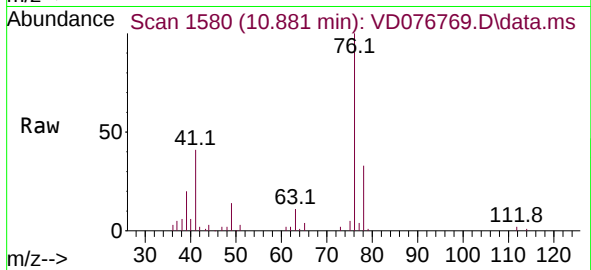
#57
1,3-Dichloropropane
Concen: 19.648 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion: 76 Resp: 61530
Ion Ratio Lower Upper
76 100
78 33.7 26.4 39.6

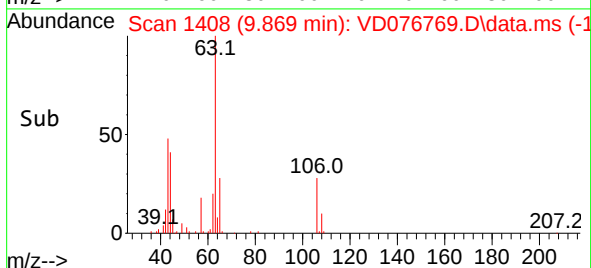
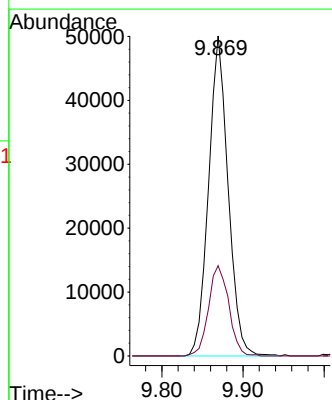
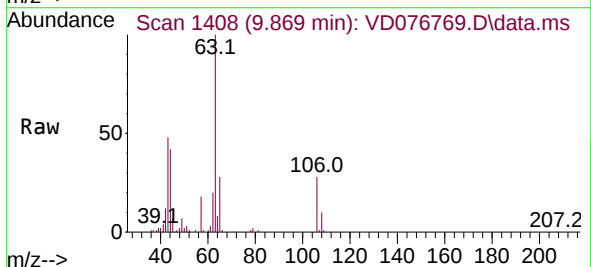
Manual Integrations
APPROVED

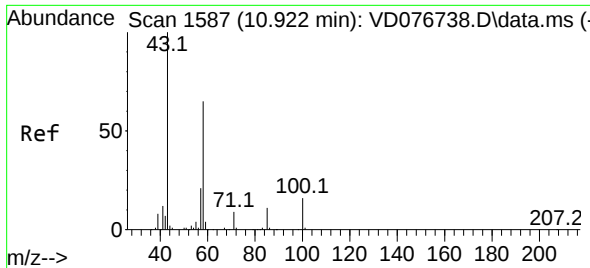
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#58
2-Chloroethyl Vinyl ether
Concen: 97.316 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Tgt Ion: 63 Resp: 83614
Ion Ratio Lower Upper
63 100
106 29.2 25.3 37.9





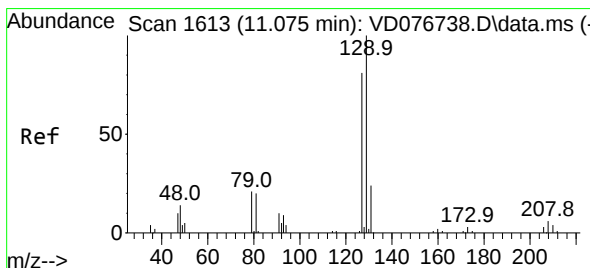
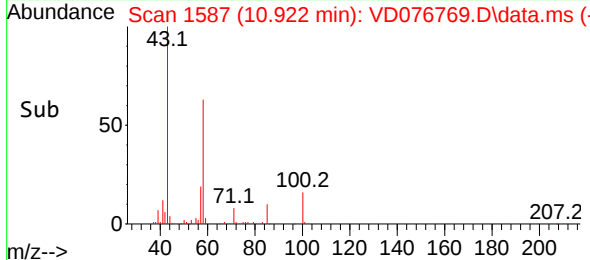
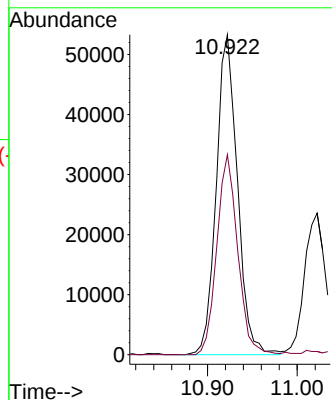
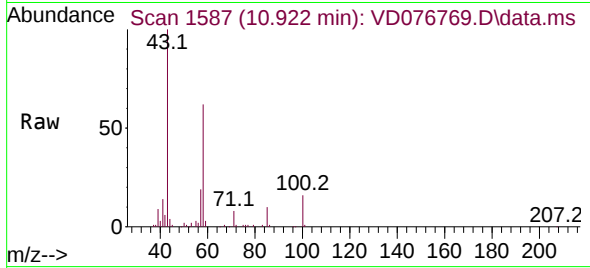
#59
2-Hexanone
Concen: 95.237 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01

Tgt Ion: 43 Resp: 87235
Ion Ratio Lower Upper
43 100
58 61.6 34.1 102.2

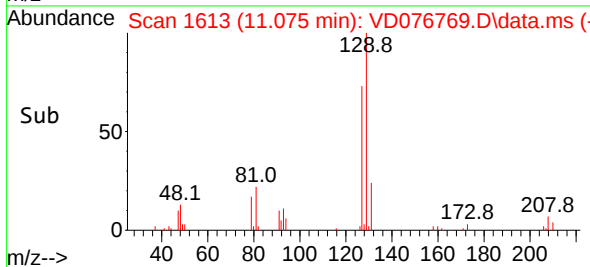
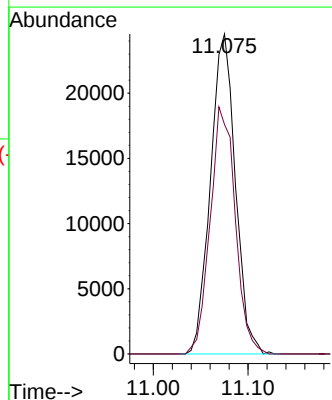
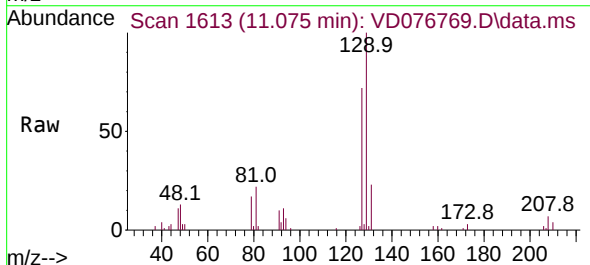
Manual Integrations
APPROVED

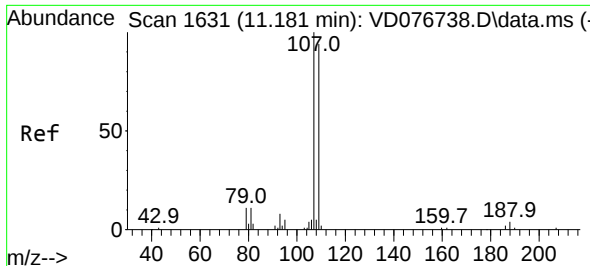
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#60
Dibromochloromethane
Concen: 20.094 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Tgt Ion:129 Resp: 44892
Ion Ratio Lower Upper
129 100
127 77.5 37.1 111.5





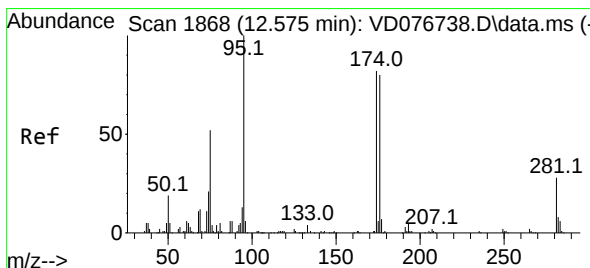
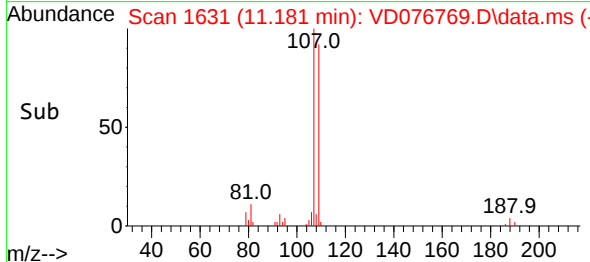
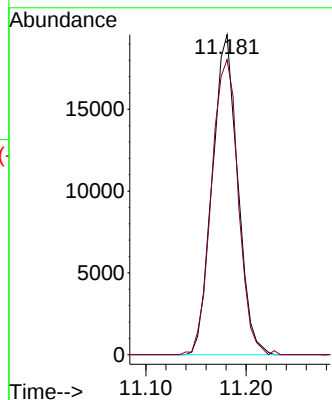
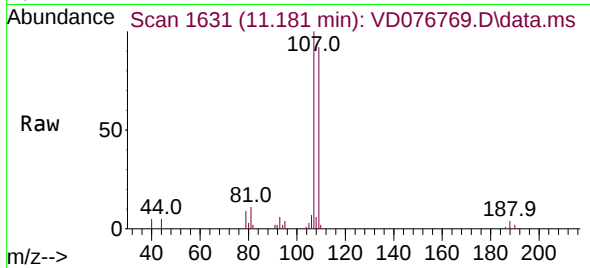
#61
1,2-Dibromoethane
Concen: 19.292 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01

Tgt Ion:107 Resp: 3439
Ion Ratio Lower Upper
107 100
109 97.5 75.6 113.4

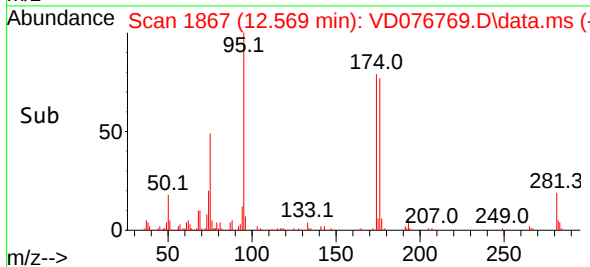
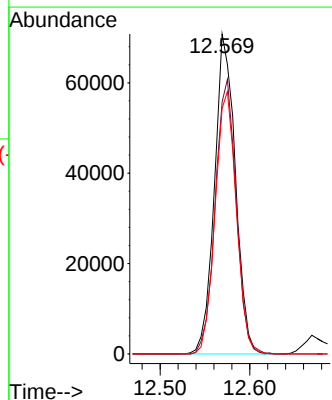
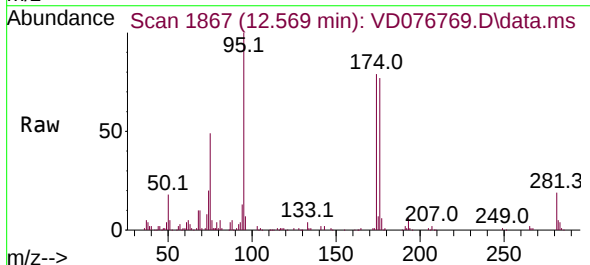
Manual Integrations
APPROVED

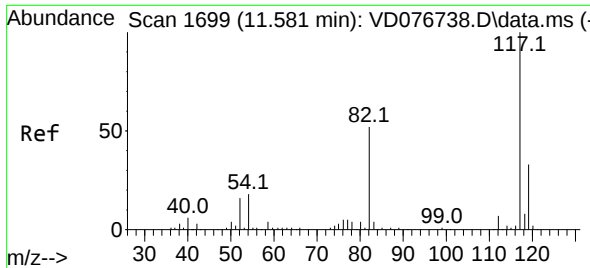
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#62
4-Bromofluorobenzene
Concen: 46.702 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

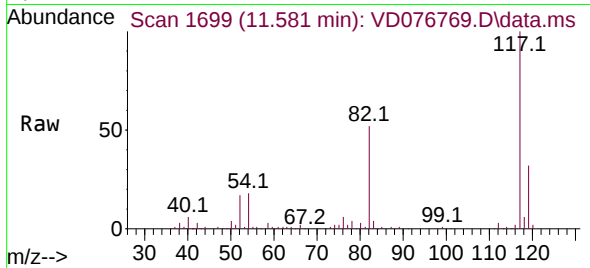
Tgt Ion: 95 Resp: 114259
Ion Ratio Lower Upper
95 100
174 86.1 0.0 201.8
176 82.9 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

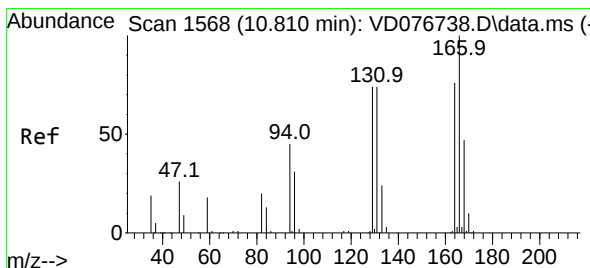
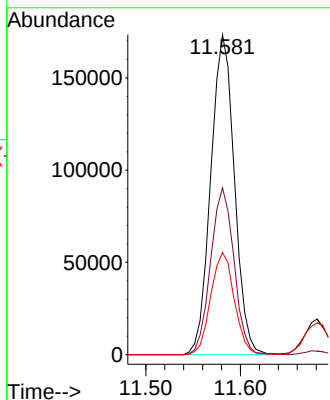
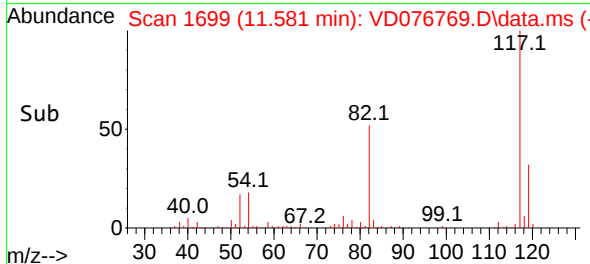
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01



Tgt Ion:117 Resp: 30150
Ion Ratio Lower Upper
117 100
82 52.1 38.3 57.5
119 32.0 25.0 37.4

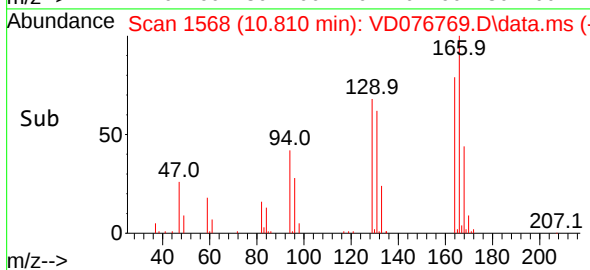
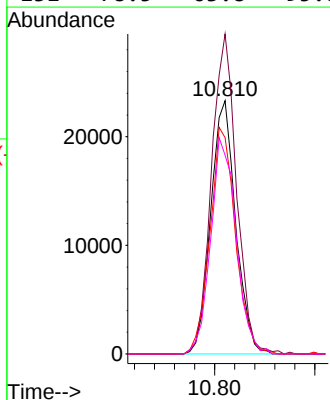
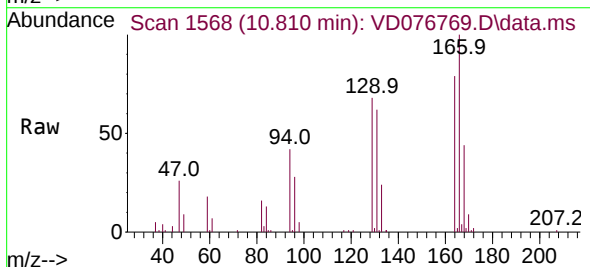
Manual Integrations
APPROVED

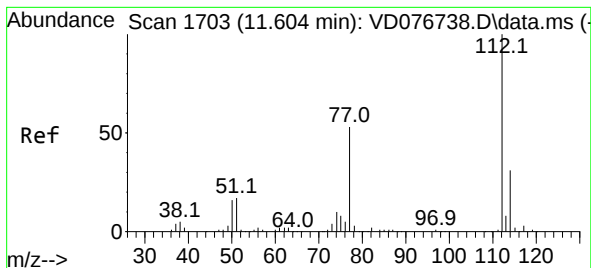
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#64
Tetrachloroethene
Concen: 23.449 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

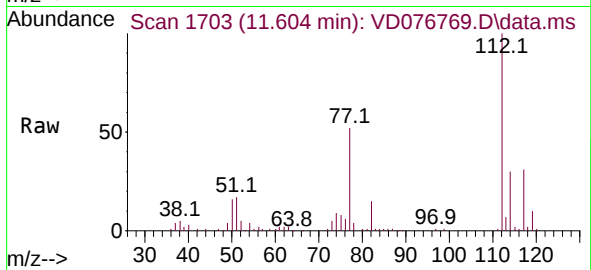
Tgt Ion:164 Resp: 40315
Ion Ratio Lower Upper
164 100
166 126.3 99.2 148.8
129 85.4 68.4 102.6
131 78.5 63.8 95.8





#65
Chlorobenzene
Concen: 20.462 ug/l
RT: 11.604 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

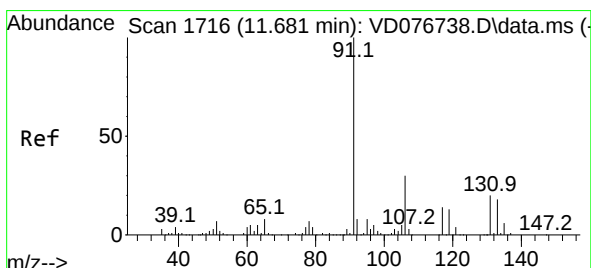
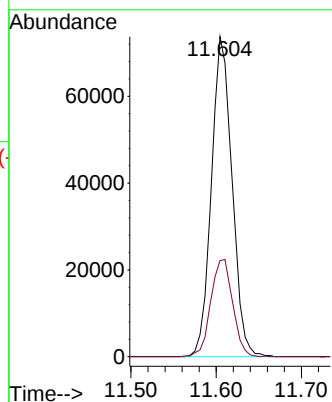
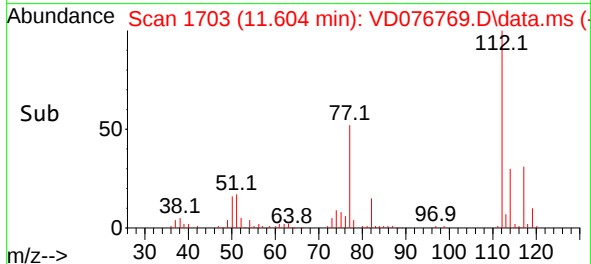
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



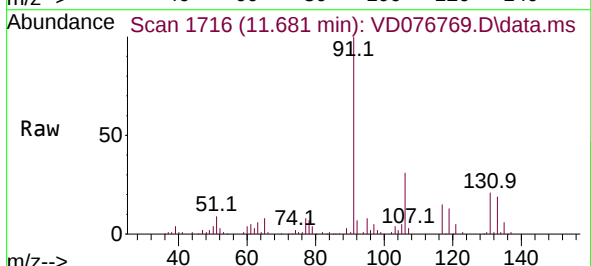
Tgt Ion:112 Resp: 12407
Ion Ratio Lower Upper
112 100
114 30.1 25.1 37.7

Manual Integrations
APPROVED

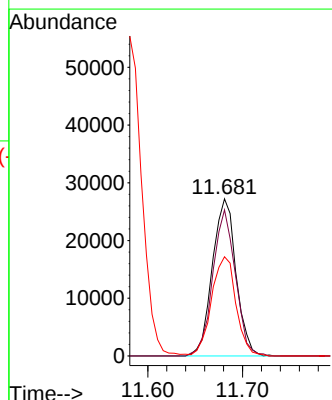
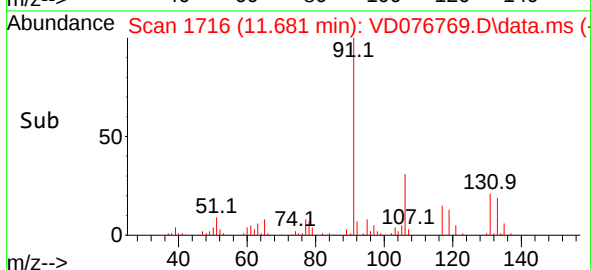
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

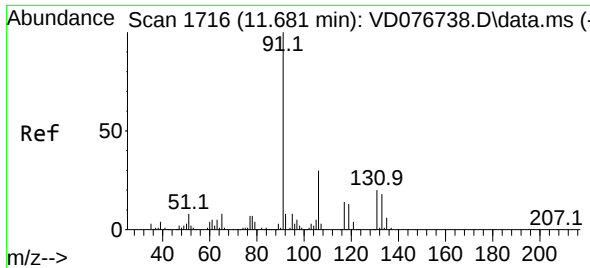


#66
1,1,1,2-Tetrachloroethane
Concen: 20.883 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04



Tgt Ion:131 Resp: 47147
Ion Ratio Lower Upper
131 100
133 89.0 48.5 145.5
119 65.6 35.6 106.9





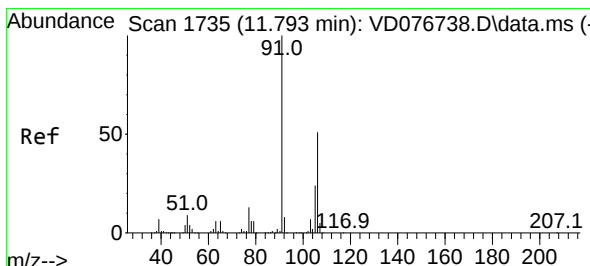
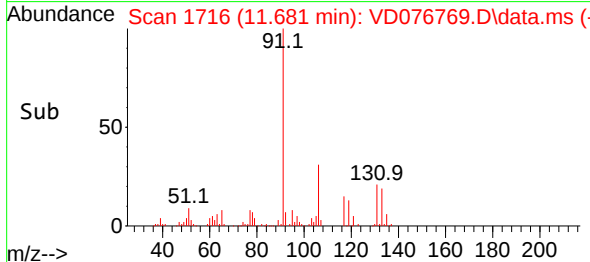
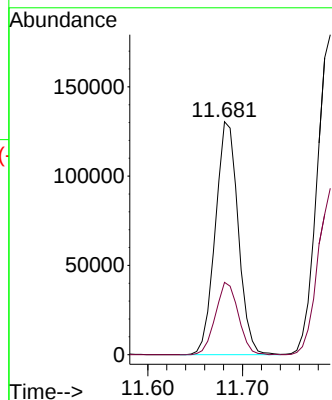
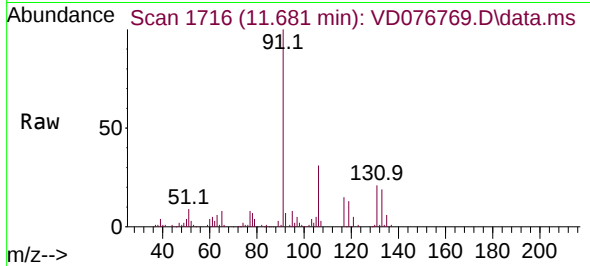
#67
Ethyl Benzene
Concen: 20.558 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01

Tgt Ion: 91 Resp: 21892
Ion Ratio Lower Upper
91 100
106 31.0 26.5 39.7

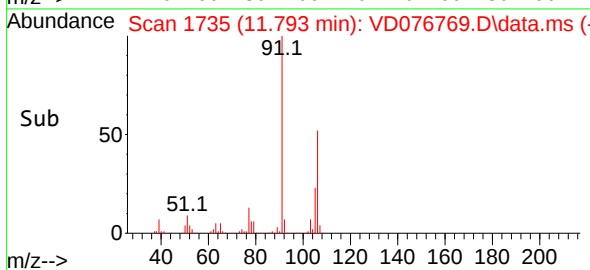
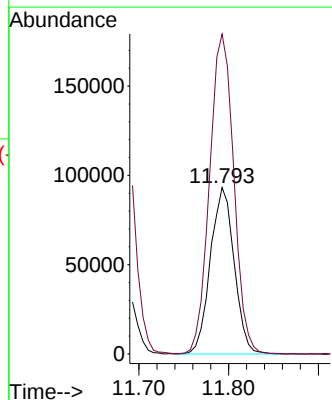
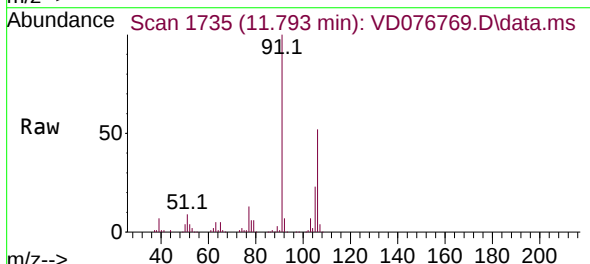
Manual Integrations
APPROVED

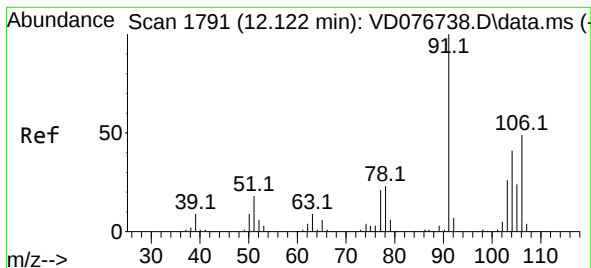
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#68
m/p-Xylenes
Concen: 41.949 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Tgt Ion:106 Resp: 171572
Ion Ratio Lower Upper
106 100
91 195.9 147.0 220.6





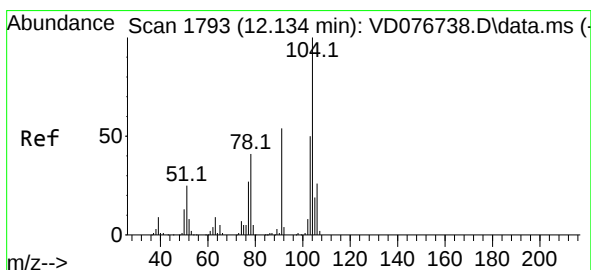
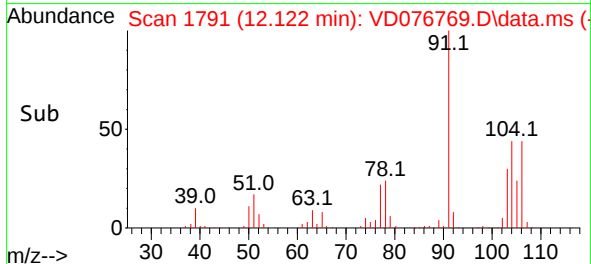
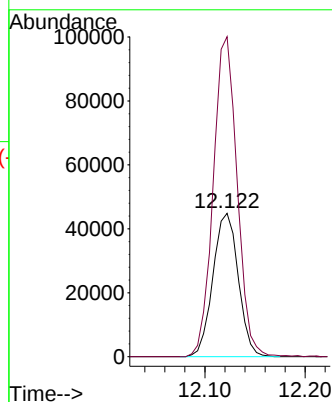
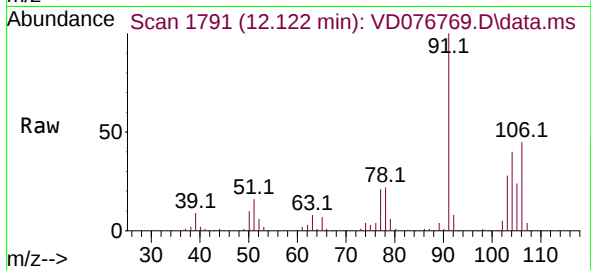
#69
o-Xylene
Concen: 19.929 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion:106 Resp: 78820
Ion Ratio Lower Upper
106 100
91 210.7 97.9 293.6

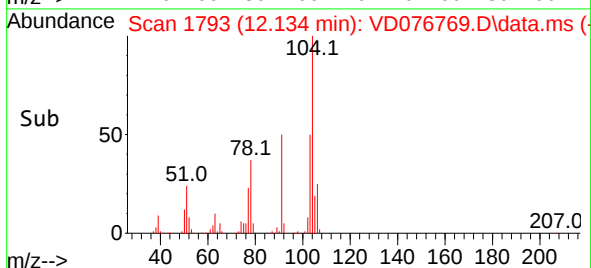
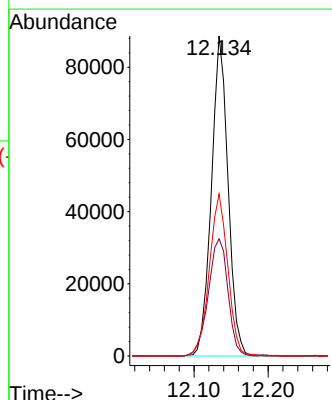
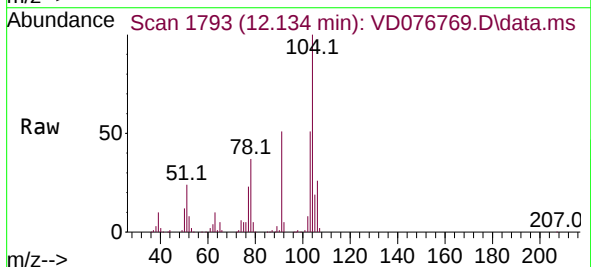
Manual Integrations
APPROVED

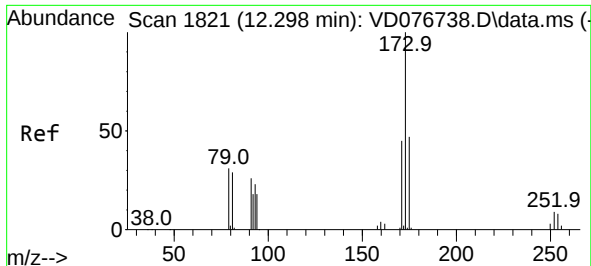
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#70
Styrene
Concen: 19.982 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

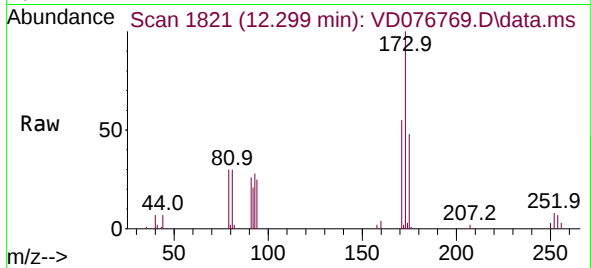
Tgt Ion:104 Resp: 138349
Ion Ratio Lower Upper
104 100
78 43.0 33.2 49.8
103 56.2 43.6 65.4





#71
Bromoform
Concen: 20.347 ug/l
RT: 12.299 min Scan# 1821
Delta R.T. 0.001 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

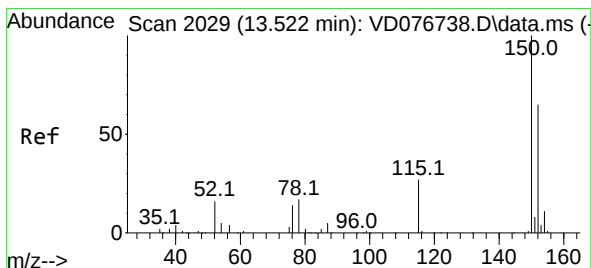
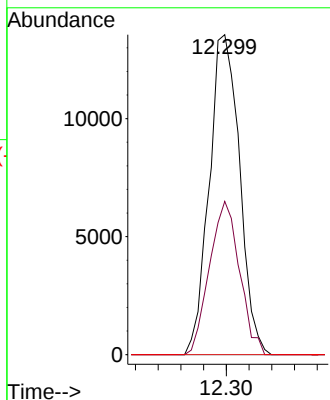
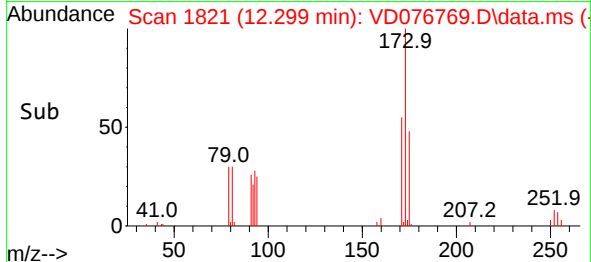
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



Tgt Ion:173 Resp: 25158
Ion Ratio Lower Upper
173 100
175 47.4 24.6 73.8
254 0.0 0.0 0.0

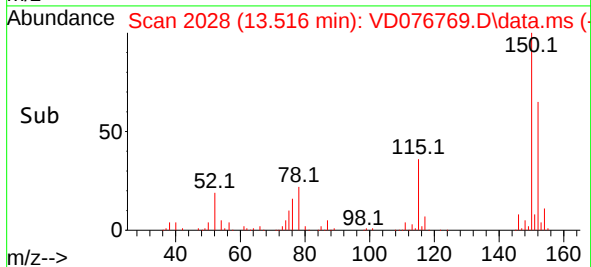
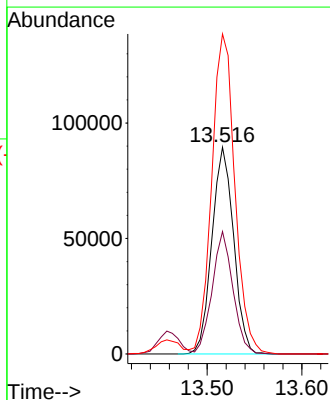
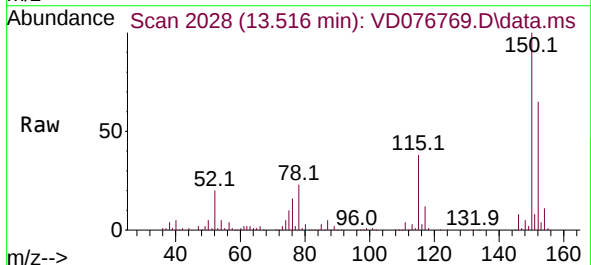
Manual Integrations
APPROVED

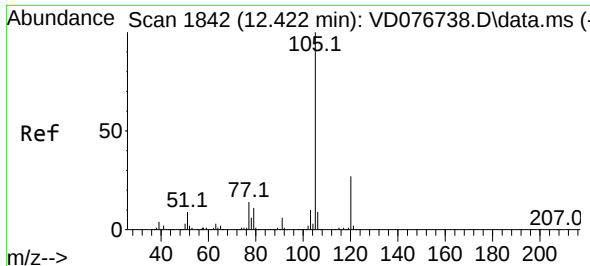
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

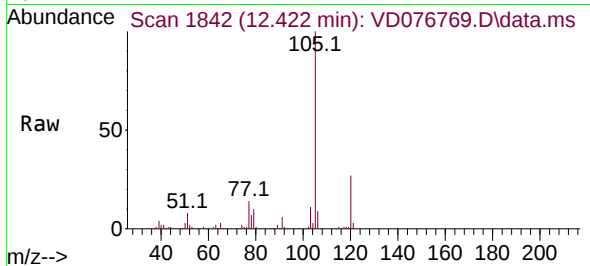
Tgt Ion:152 Resp: 142399
Ion Ratio Lower Upper
152 100
115 56.6 27.1 81.3
150 165.2 0.0 353.6





#73
Isopropylbenzene
Concen: 20.797 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

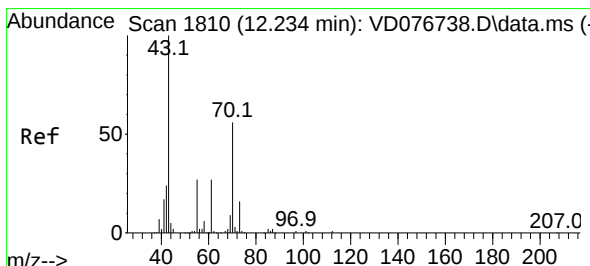
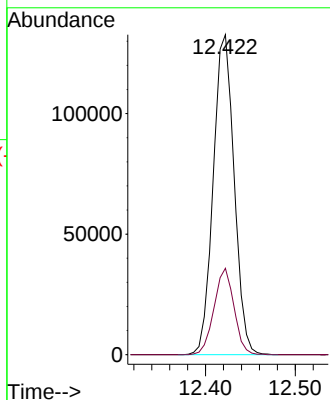
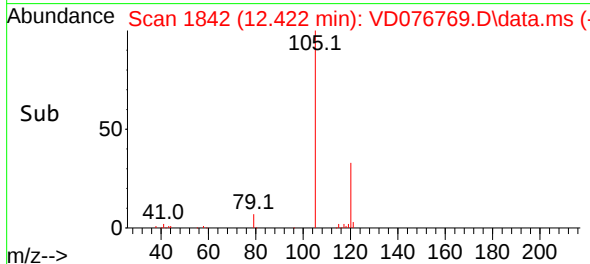
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01



Tgt Ion:105 Resp: 214864
Ion Ratio Lower Upper
105 100
120 25.8 14.3 42.9

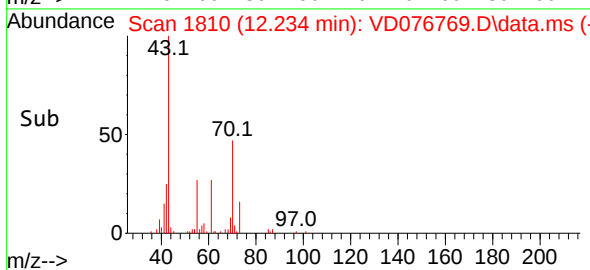
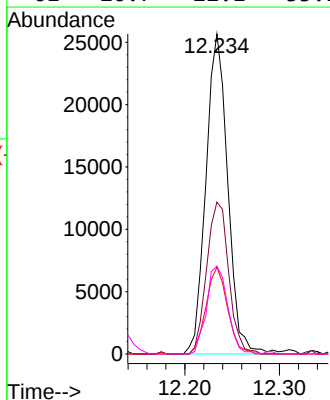
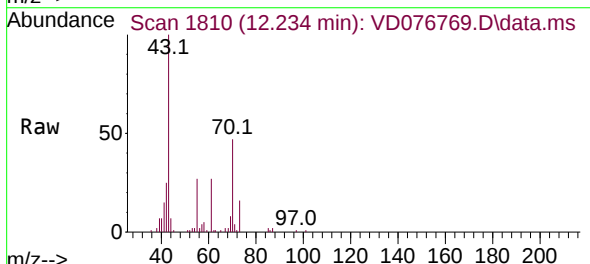
Manual Integrations
APPROVED

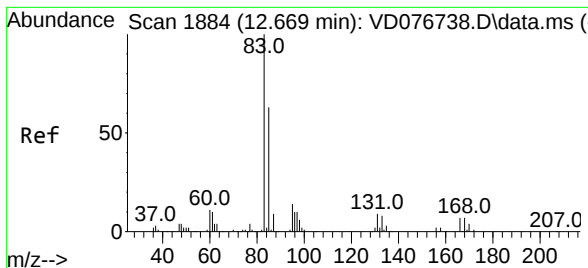
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#74
N-ethyl acetate
Concen: 18.887 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

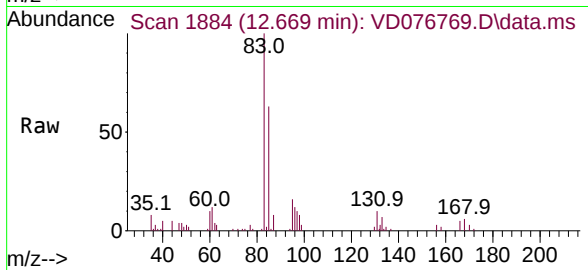
Tgt Ion: 43 Resp: 41107
Ion Ratio Lower Upper
43 100
70 47.9 45.0 67.4
55 26.6 23.8 35.6
61 26.7 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 19.619 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

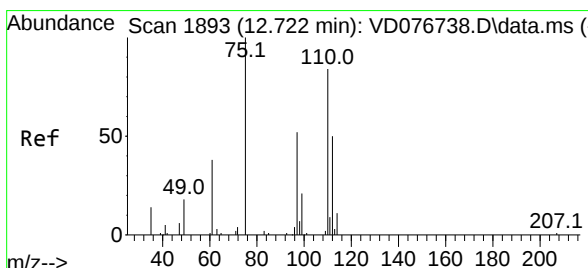
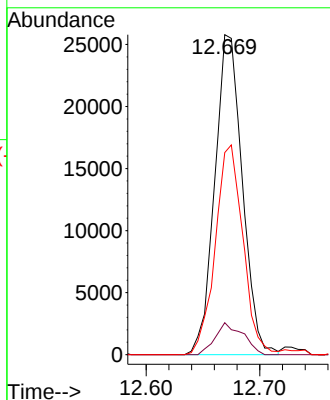
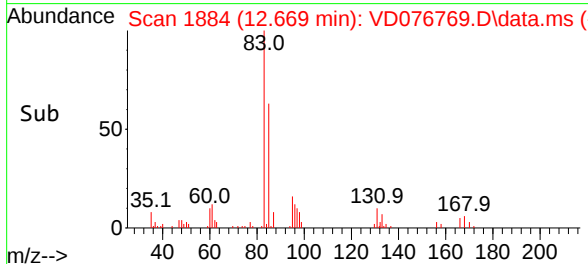
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01



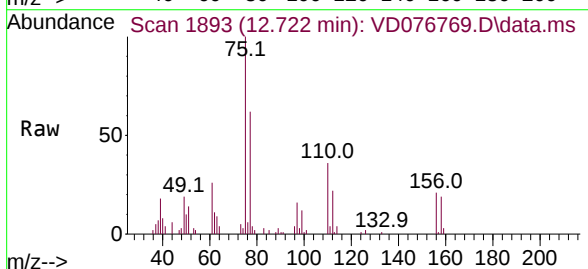
Tgt Ion: 83 Resp: 43519
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 65.8 32.6 97.8

Manual Integrations
APPROVED

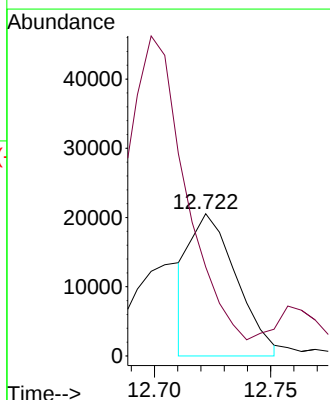
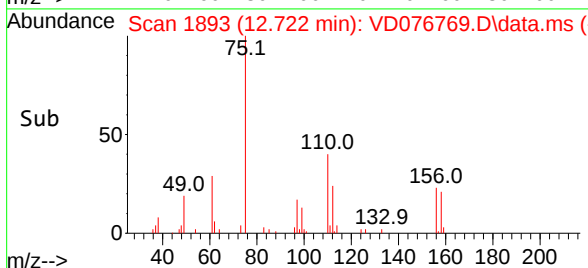
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

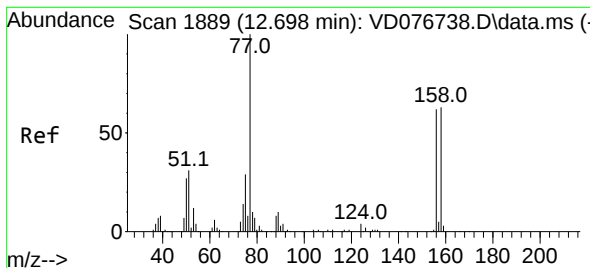


#76
1,2,3-Trichloropropane
Concen: 21.129 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04



Tgt Ion: 75 Resp: 28613
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





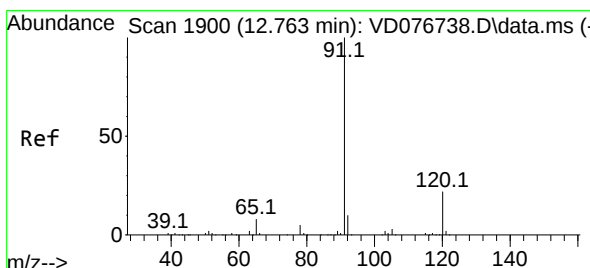
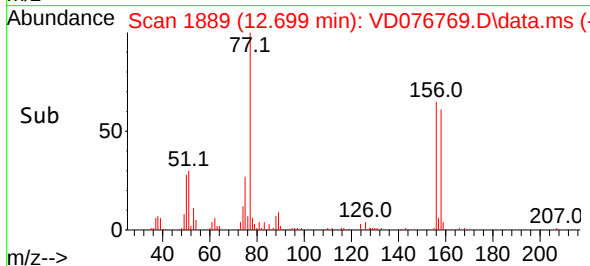
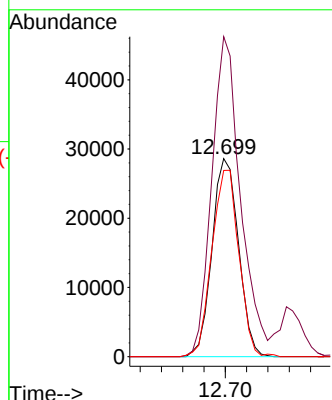
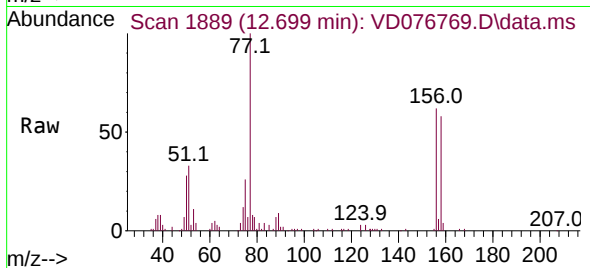
#77
Bromobenzene
Concen: 20.683 ug/l
RT: 12.699 min Scan# 1889
Delta R.T. 0.001 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01

Tgt Ion:156 Resp: 49324
Ion Ratio Lower Upper
156 100
77 175.3 76.8 230.4
158 96.1 48.6 145.9

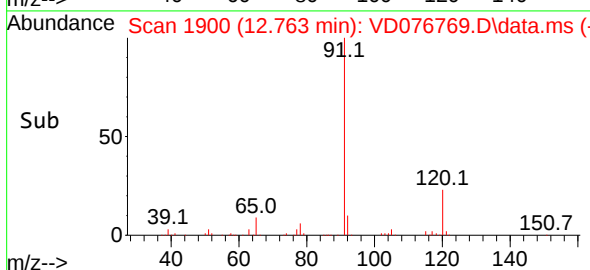
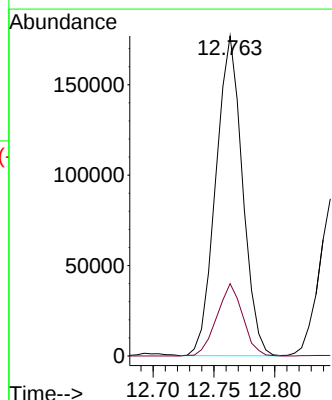
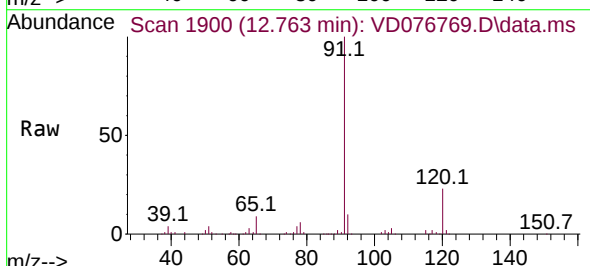
Manual Integrations
APPROVED

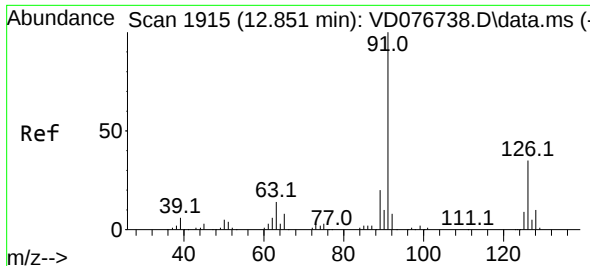
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#78
n-propylbenzene
Concen: 21.496 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Tgt Ion: 91 Resp: 269229
Ion Ratio Lower Upper
91 100
120 22.0 12.4 37.2





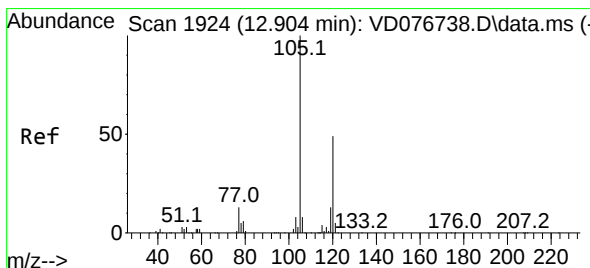
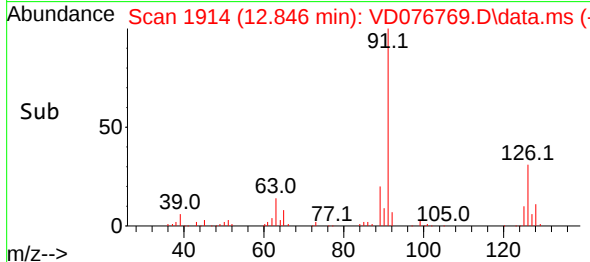
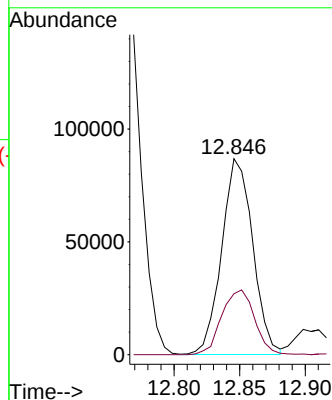
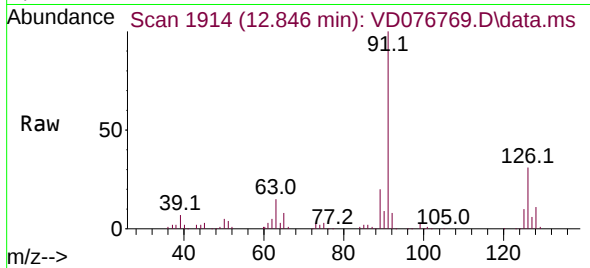
#79
2-Chlorotoluene
Concen: 20.853 ug/l
RT: 12.846 min Scan# 1915
Delta R.T. -0.005 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion: 91 Resp: 143208
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.1

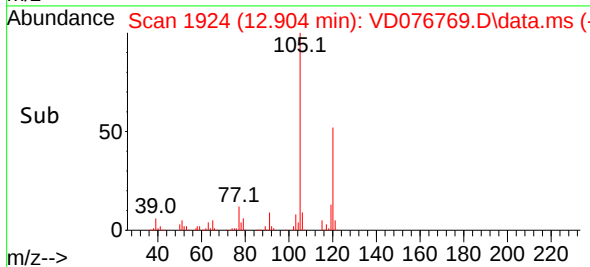
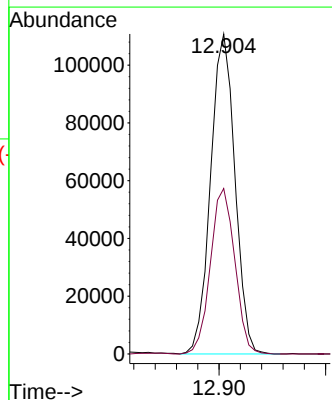
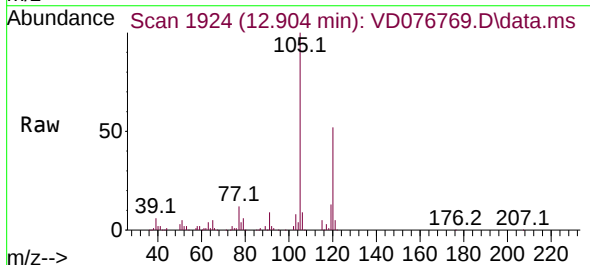
Manual Integrations
APPROVED

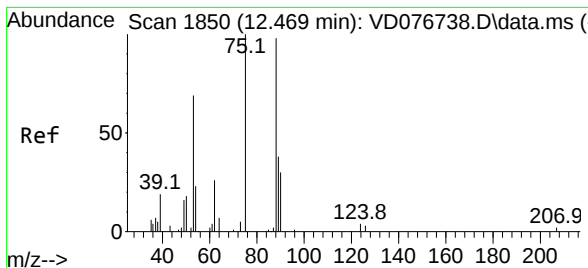
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#80
1,3,5-Trimethylbenzene
Concen: 21.013 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

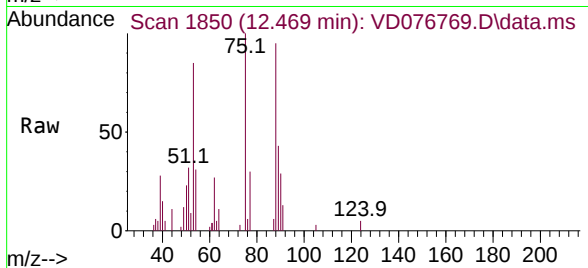
Tgt Ion:105 Resp: 175540
Ion Ratio Lower Upper
105 100
120 51.7 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 20.717 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

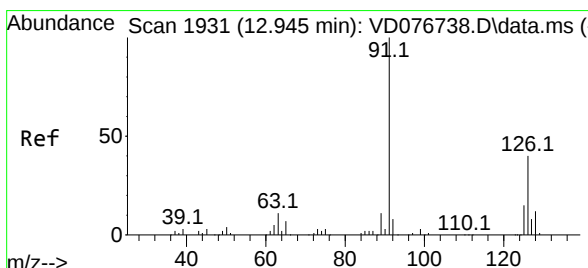
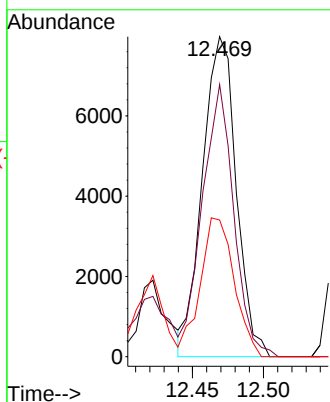
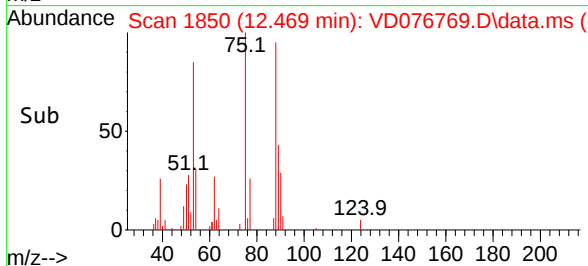
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01



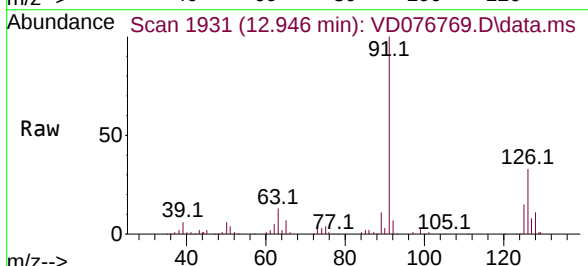
Tgt Ion: 75 Resp: 1318
Ion Ratio Lower Upper
75 100
53 79.4 63.0 94.4
89 43.7 37.9 56.9

Manual Integrations
APPROVED

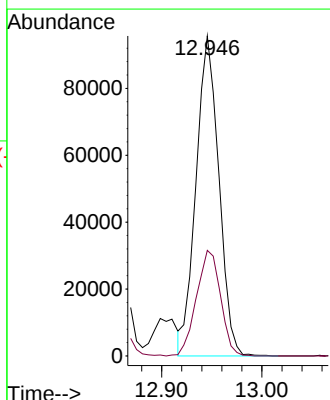
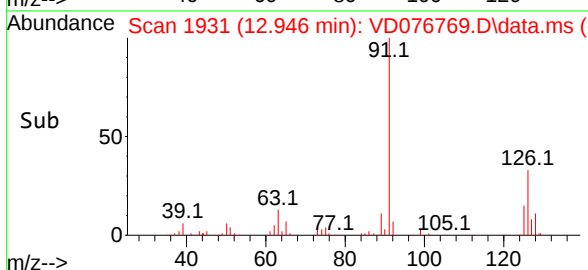
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

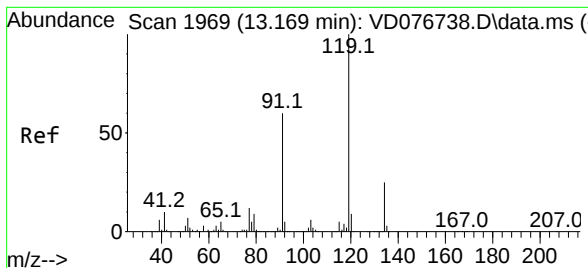


#82
4-Chlorotoluene
Concen: 21.122 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04



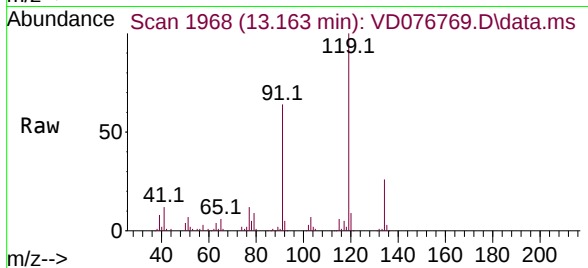
Tgt Ion: 91 Resp: 151533
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.4





#83
tert-Butylbenzene
Concen: 21.715 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

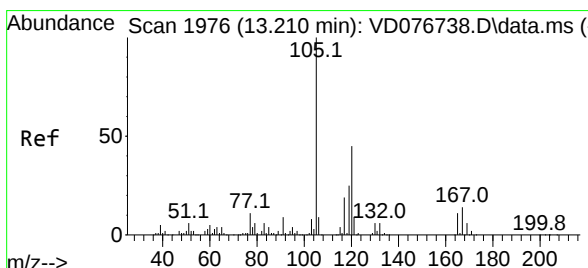
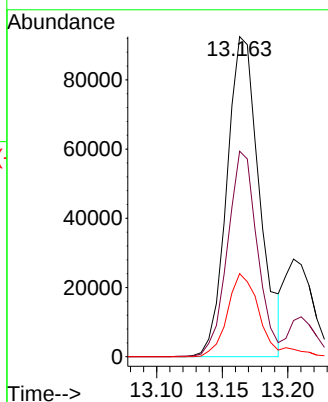
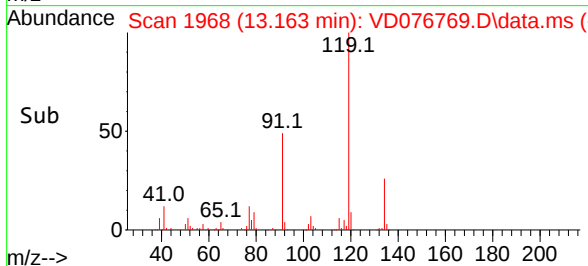
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01



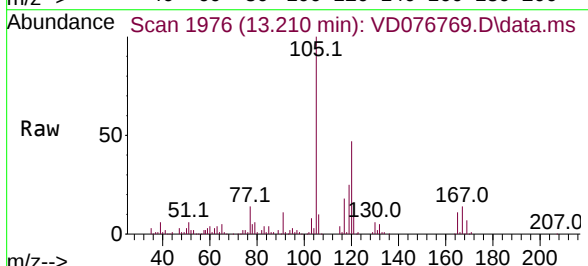
Tgt Ion:119 Resp: 159723
Ion Ratio Lower Upper
119 100
91 59.0 29.3 87.8
134 26.3 14.1 42.3

Manual Integrations
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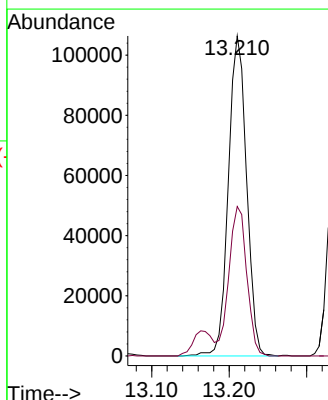
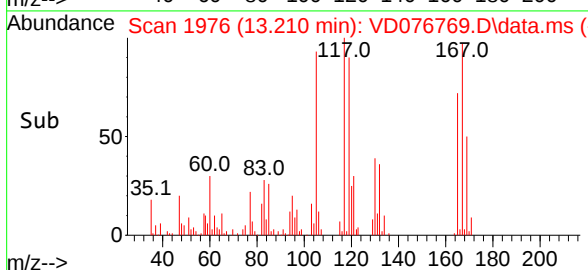
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

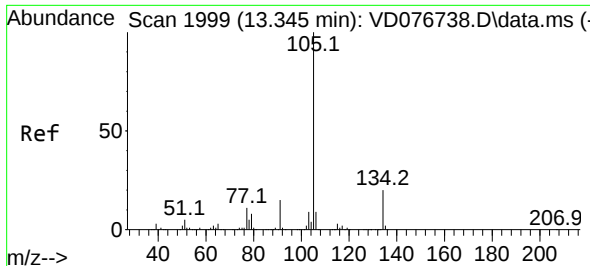


#84
1,2,4-Trimethylbenzene
Concen: 20.350 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04



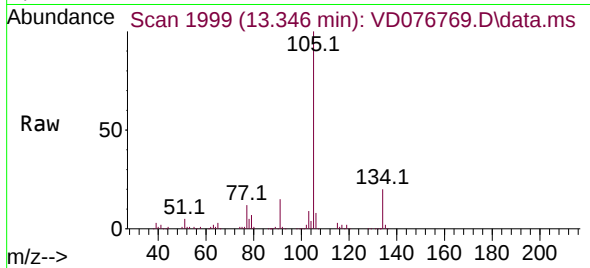
Tgt Ion:105 Resp: 173723
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 21.499 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.001 min
 Lab File: VD076769.D
 Acq: 18 Jul 2023 11:04

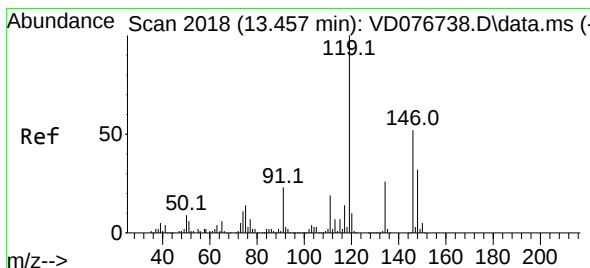
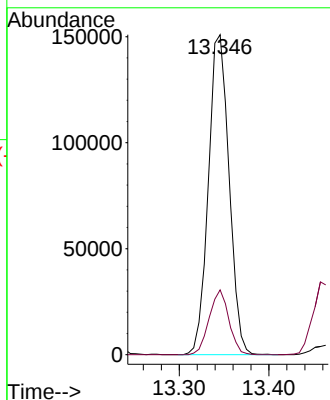
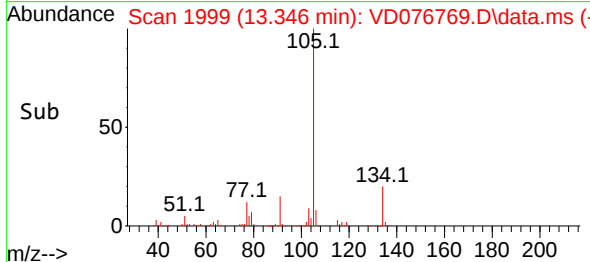
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0718SBSD01



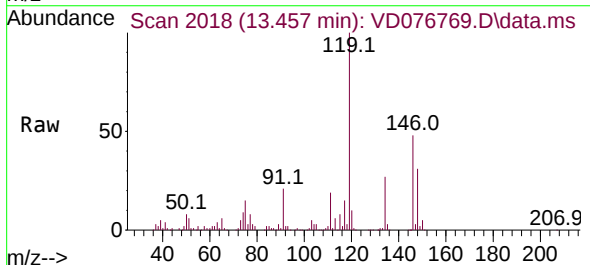
Tgt Ion:105 Resp: 241607
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.9 32.9

Manual Integrations
 APPROVED

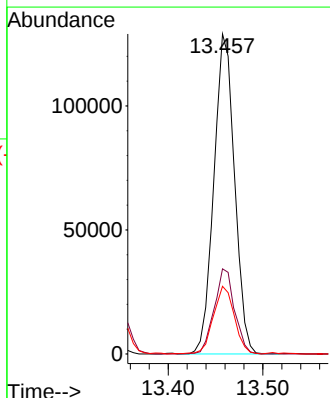
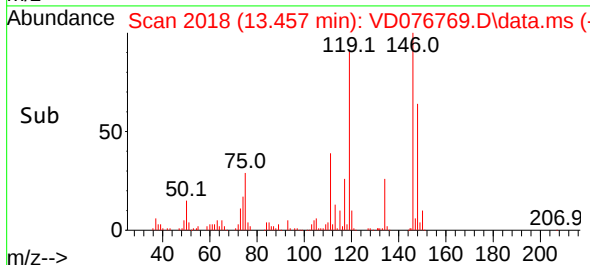
Reviewed By :John Carlone 07/19/2023
 Supervised By :Mahesh Dadoda 07/19/2023

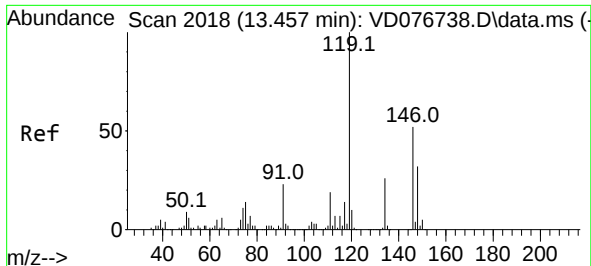


#86
 p-Isopropyltoluene
 Concen: 21.092 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076769.D
 Acq: 18 Jul 2023 11:04



Tgt Ion:119 Resp: 195756
 Ion Ratio Lower Upper
 119 100
 134 26.2 14.2 42.6
 91 21.5 10.5 31.5





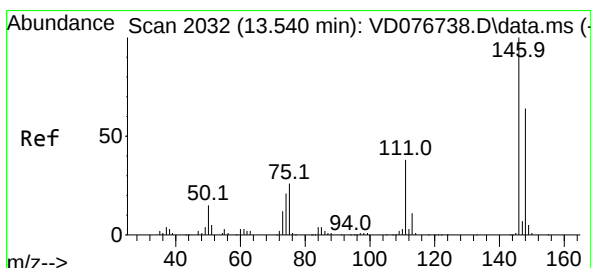
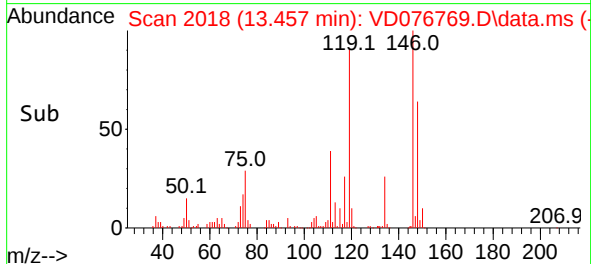
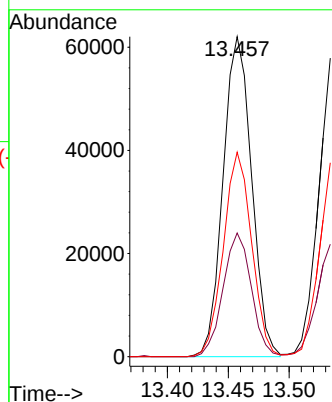
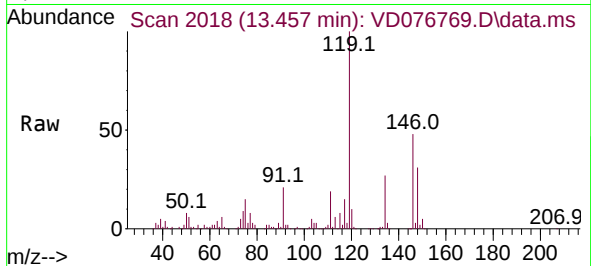
#87
1,3-Dichlorobenzene
Concen: 20.625 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBS01

Tgt Ion:146 Resp: 10116
Ion Ratio Lower Upper
146 100
111 38.3 17.9 53.8
148 63.5 32.3 96.8

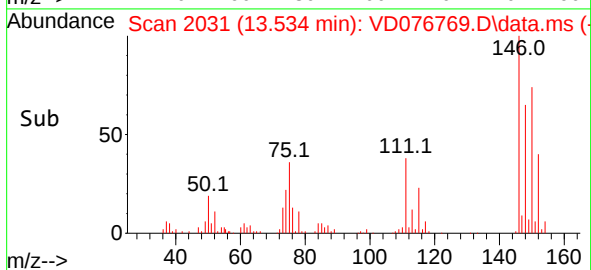
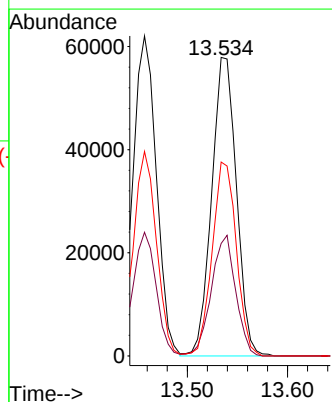
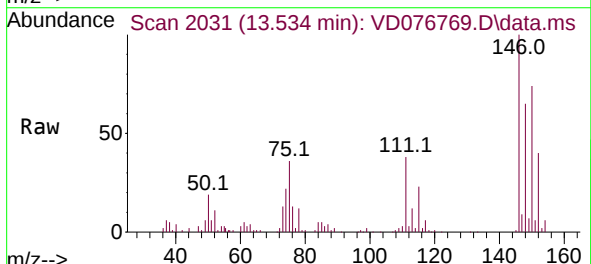
Manual Integrations
APPROVED

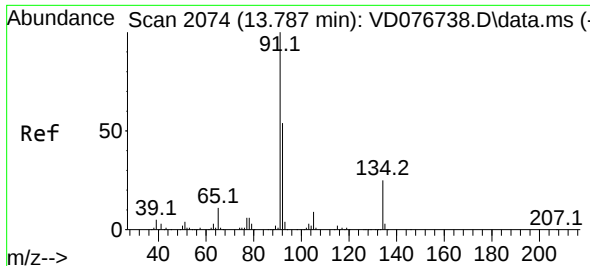
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#88
1,4-Dichlorobenzene
Concen: 20.693 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

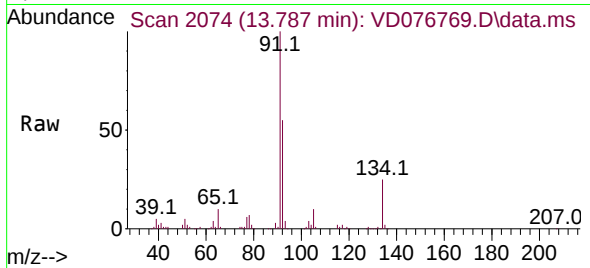
Tgt Ion:146 Resp: 99442
Ion Ratio Lower Upper
146 100
111 39.8 17.4 52.3
148 63.4 31.7 95.1





#89
n-Butylbenzene
Concen: 21.110 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

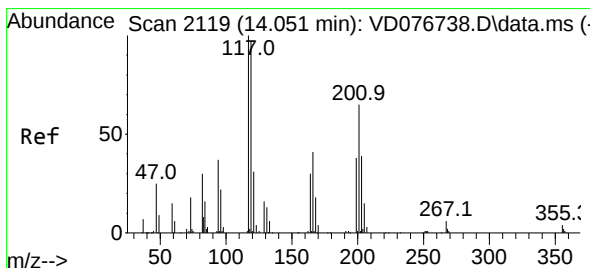
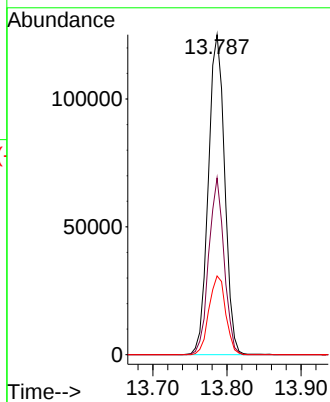
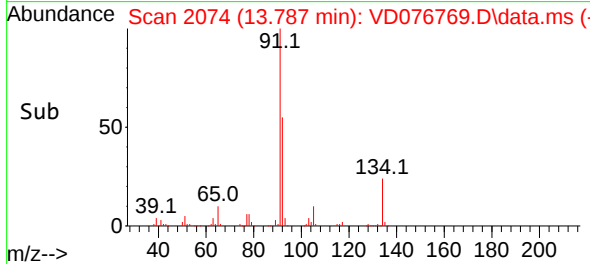
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01



Tgt Ion: 91 Resp: 19172
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 25.2 13.8 41.3

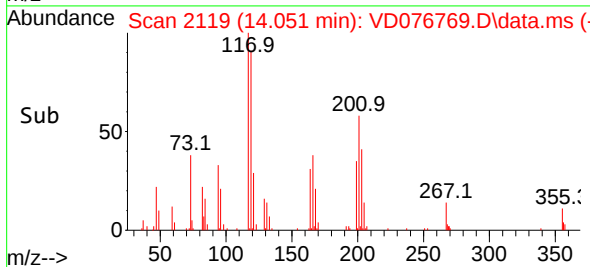
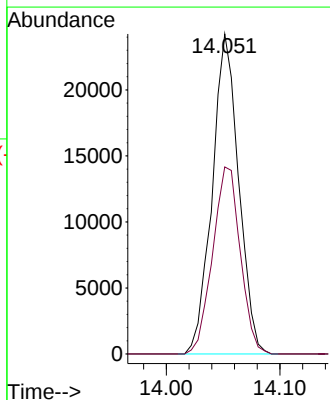
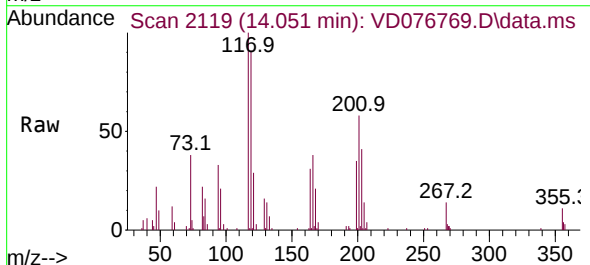
Manual Integrations
APPROVED

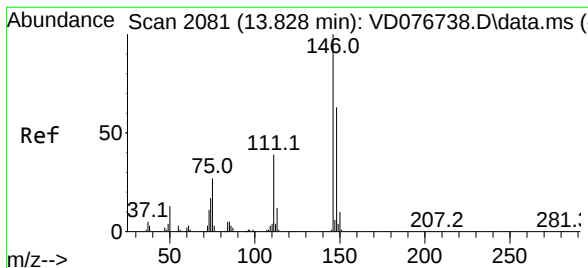
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#90
Hexachloroethane
Concen: 22.842 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Tgt Ion:117 Resp: 39193
Ion Ratio Lower Upper
117 100
201 61.0 38.5 115.5





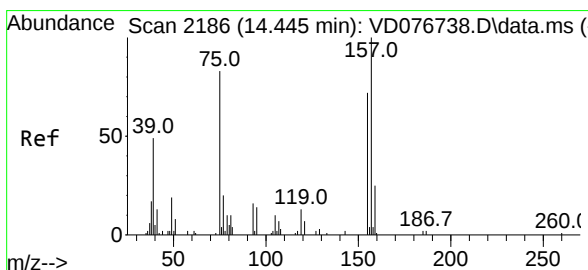
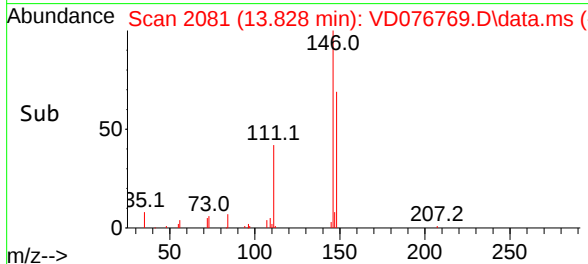
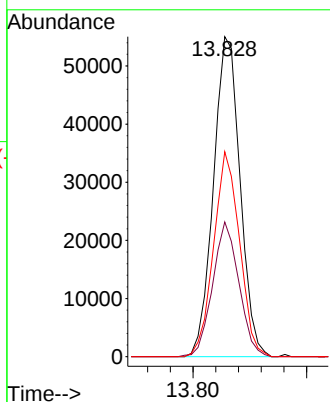
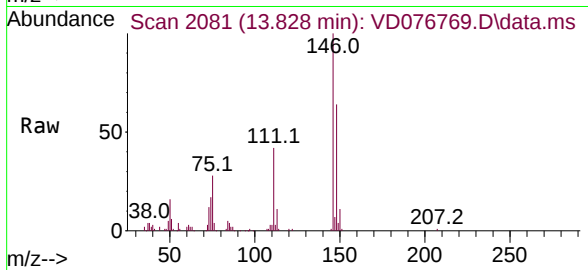
#91
1,2-Dichlorobenzene
Concen: 20.713 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01

Tgt Ion:146 Resp: 89524
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 62.4 31.6 94.7

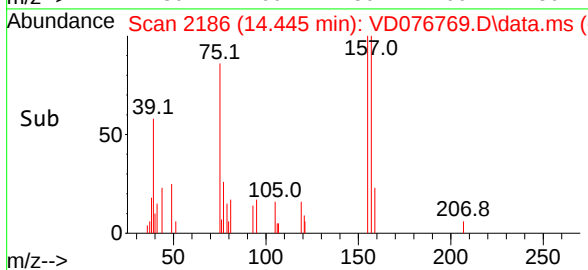
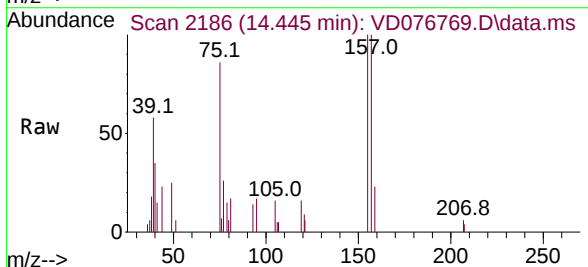
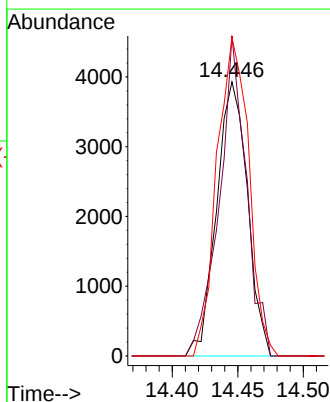
Manual Integrations
APPROVED

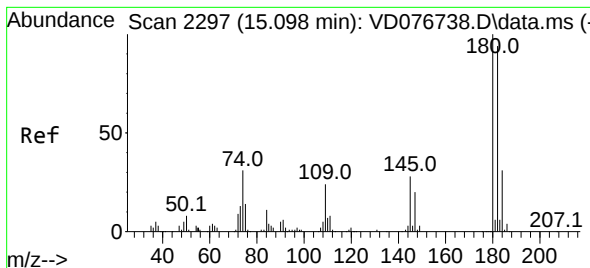
Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.333 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

Tgt Ion: 75 Resp: 6431
Ion Ratio Lower Upper
75 100
155 102.0 47.9 143.8
157 119.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.617 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Instrument :

MSVOA_D

ClientSampleId :

VD0718SBSD01

Tgt Ion:180 Resp: 54400

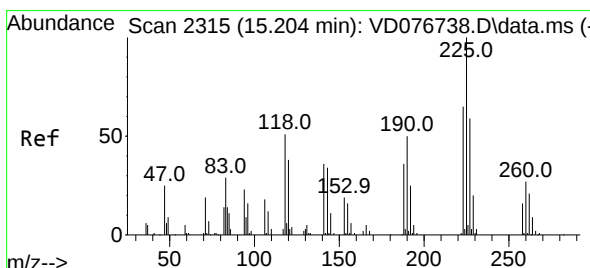
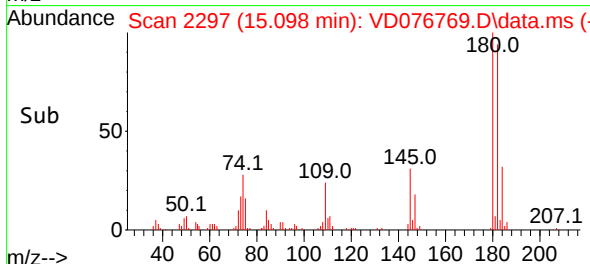
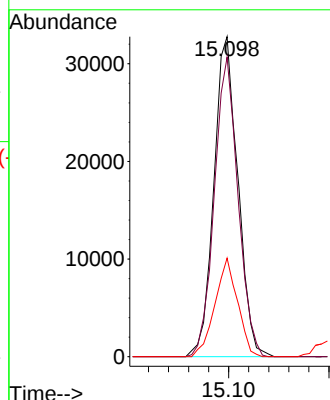
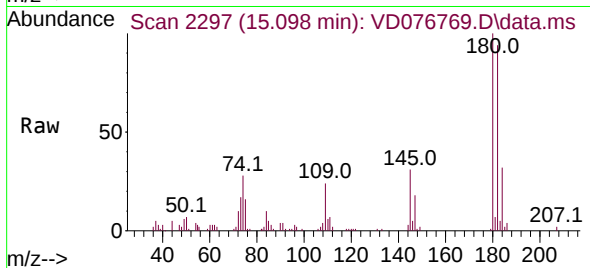
Ion	Ratio	Lower	Upper
180	100		
182	92.2	48.5	145.6
145	29.1	14.2	42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/19/2023

Supervised By :Mahesh Dadoda 07/19/2023



#94

Hexachlorobutadiene

Concen: 21.149 ug/l

RT: 15.204 min Scan# 2315

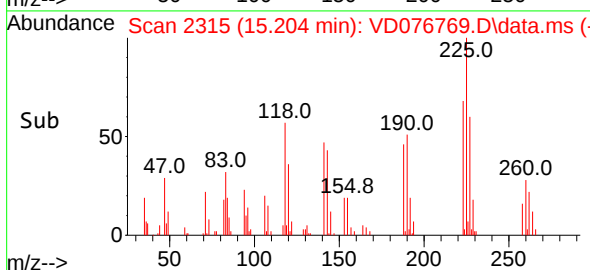
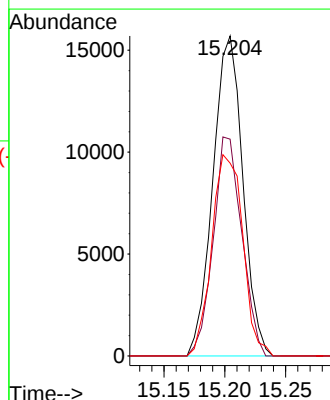
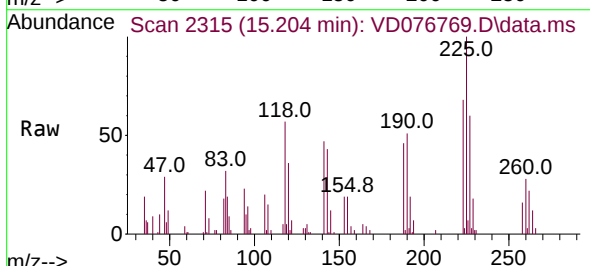
Delta R.T. 0.000 min

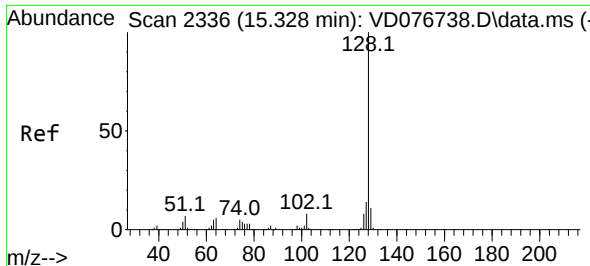
Lab File: VD076769.D

Acq: 18 Jul 2023 11:04

Tgt Ion:225 Resp: 26839

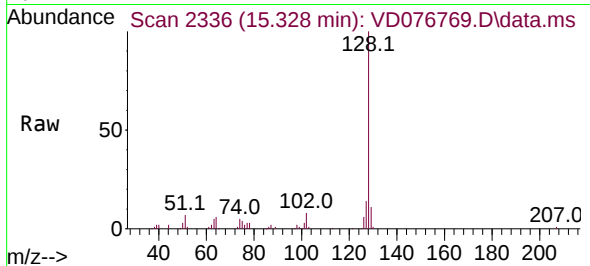
Ion	Ratio	Lower	Upper
225	100		
223	65.4	31.6	94.8
227	65.3	31.7	95.1





#95
Naphthalene
Concen: 18.606 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04

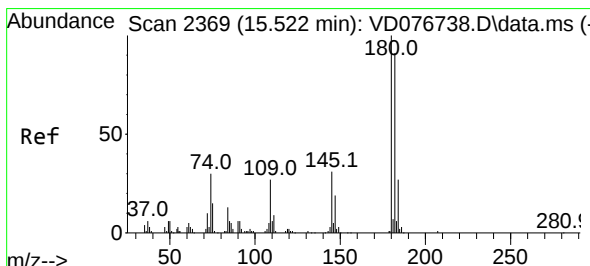
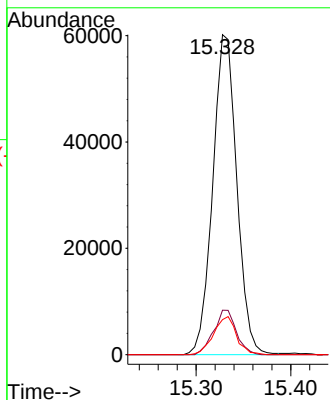
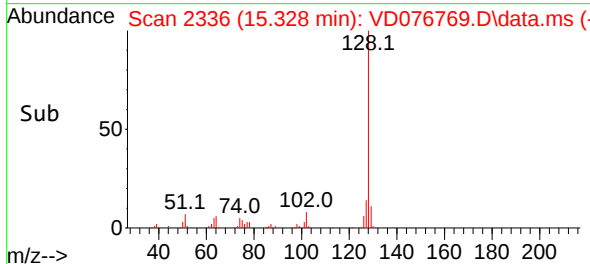
Instrument :
MSVOA_D
ClientSampleId :
VD0718SBSD01



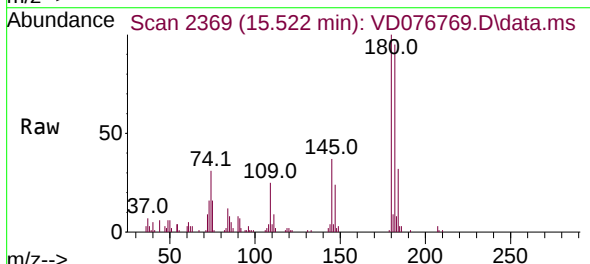
Tgt Ion:128 Resp: 106304
Ion Ratio Lower Upper
128 100
127 13.9 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023



#96
1,2,3-Trichlorobenzene
Concen: 20.107 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD076769.D
Acq: 18 Jul 2023 11:04



Tgt Ion:180 Resp: 47611
Ion Ratio Lower Upper
180 100
182 94.4 47.3 141.9
145 31.8 15.1 45.3

