

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071423\
 Data File : VD076742.D
 Acq On : 14 Jul 2023 15:57
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Jul 17 07:43:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 07:40:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	164286	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	313383	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	284998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	129052	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	9106	5.565	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.120%#		
35) Dibromofluoromethane	7.799	113	10432	5.297	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.600%#		
50) Toluene-d8	10.263	98	36113	5.126	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	10.260%#		
62) 4-Bromofluorobenzene	12.575	95	11178	4.905	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	9.800%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	6104	4.751	ug/l	98
3) Chloromethane	2.146	50	12548	5.662	ug/l	98
4) Vinyl Chloride	2.276	62	15745	5.330	ug/l	89
5) Bromomethane	2.681	94	14235	5.857	ug/l	89
6) Chloroethane	2.828	64	12035	5.396	ug/l	98
7) Trichlorofluoromethane	3.170	101	13260	5.044	ug/l	88
8) Diethyl Ether	3.587	74	4472	4.941	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.952	101	8560	4.954	ug/l	97
10) Methyl Iodide	4.158	142	7656	3.931	ug/l	91
11) Tert butyl alcohol	5.069	59	2966m	24.290	ug/l	
12) 1,1-Dichloroethene	3.934	96	8341	5.138	ug/l #	89
13) Acrolein	3.805	56	2181	26.211	ug/l	97
14) Allyl chloride	4.546	41	11262	5.281	ug/l	90
15) Acrylonitrile	5.246	53	11700	26.321	ug/l #	90
16) Acetone	4.022	43	11548	29.550	ug/l	89
17) Carbon Disulfide	4.264	76	18169	4.792	ug/l	97
18) Methyl Acetate	4.558	43	7737	5.270	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	21409	4.918	ug/l #	88
20) Methylene Chloride	4.787	84	34872	5.902	ug/l	96
21) trans-1,2-Dichloroethene	5.299	96	9374	4.968	ug/l	96
22) Diisopropyl ether	6.222	45	25240	4.998	ug/l #	86
23) Vinyl Acetate	6.158	43	62174	24.883	ug/l	93
24) 1,1-Dichloroethane	6.105	63	17580	5.163	ug/l	94
25) 2-Butanone	7.081	43	13290	25.410	ug/l	88
26) 2,2-Dichloropropane	7.075	77	14794	5.040	ug/l	89
27) cis-1,2-Dichloroethene	7.081	96	11552	4.966	ug/l	88
28) Bromochloromethane	7.422	49	4951	5.816	ug/l #	98
29) Tetrahydrofuran	7.446	42	7981	25.827	ug/l	92
30) Chloroform	7.599	83	19811	5.312	ug/l #	79
31) Cyclohexane	7.875	56	14232	5.910	ug/l #	83
32) 1,1,1-Trichloroethane	7.793	97	14282	4.747	ug/l	94
36) 1,1-Dichloropropene	8.011	75	12016	4.669	ug/l	96
37) Ethyl Acetate	7.163	43	5463	4.747	ug/l #	89
38) Carbon Tetrachloride	7.993	117	10856	4.406	ug/l	85
39) Methylcyclohexane	9.269	83	13312	4.480	ug/l	91
40) Benzene	8.246	78	39797	4.901	ug/l	94

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 ALS Vial : 10 Sample Multiplier: 1

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 MSVOA_D
 ClientSampleId :
 VSTDICC005

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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	4208	5.988	ug/l #	17
42) 1,2-Dichloroethane	8.316	62	10619	5.033	ug/l	97
43) Isopropyl Acetate	8.363	43	11497	5.119	ug/l #	81
44) Trichloroethene	9.022	130	10675	4.825	ug/l	92
45) 1,2-Dichloropropane	9.299	63	9968	4.756	ug/l	98
46) Dibromomethane	9.393	93	5749	4.686	ug/l	89
47) Bromodichloromethane	9.581	83	15343	4.984	ug/l #	96
48) Methyl methacrylate	9.375	41	5067	4.957	ug/l #	82
49) 1,4-Dioxane	9.381	88	1670	106.244	ug/l #	85
51) 4-Methyl-2-Pentanone	10.157	43	29001	24.252	ug/l	91
52) Toluene	10.334	92	25679	4.815	ug/l	90
53) t-1,3-Dichloropropene	10.557	75	13318	4.661	ug/l	90
54) cis-1,3-Dichloropropene	10.016	75	15486	4.598	ug/l #	78
55) 1,1,2-Trichloroethane	10.728	97	8716	4.865	ug/l #	90
56) Ethyl methacrylate	10.599	69	9019	4.362	ug/l #	75
57) 1,3-Dichloropropane	10.881	76	14463	4.957	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	20596	25.733	ug/l	97
59) 2-Hexanone	10.922	43	21058	24.679	ug/l	90
60) Dibromochloromethane	11.075	129	9764	4.692	ug/l	91
61) 1,2-Dibromoethane	11.175	107	7964	4.795	ug/l	99
64) Tetrachloroethene	10.810	164	7724	4.753	ug/l	95
65) Chlorobenzene	11.610	112	27515	4.800	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	10233	4.795	ug/l	95
67) Ethyl Benzene	11.681	91	46160	4.586	ug/l	97
68) m/p-Xylenes	11.793	106	33741	8.727	ug/l	86
69) o-Xylene	12.116	106	16785	4.490	ug/l	87
70) Styrene	12.134	104	28743	4.392	ug/l	96
71) Bromoform	12.304	173	5250	4.492	ug/l #	98
73) Isopropylbenzene	12.422	105	45433	4.852	ug/l	94
74) N-amyl acetate	12.234	43	10406	5.276	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.669	83	10594	5.270	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	5545m	4.324	ug/l	
77) Bromobenzene	12.698	156	10636	4.921	ug/l	86
78) n-propylbenzene	12.763	91	53417	4.706	ug/l	95
79) 2-Chlorotoluene	12.851	91	29947	4.812	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	34084	4.502	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	2596	4.502	ug/l	95
82) 4-Chlorotoluene	12.946	91	30363	4.670	ug/l	99
83) tert-Butylbenzene	13.169	119	28864	4.330	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	34826	4.501	ug/l	94
85) sec-Butylbenzene	13.345	105	45939	4.511	ug/l	97
86) p-Isopropyltoluene	13.463	119	35479	4.218	ug/l	95
87) 1,3-Dichlorobenzene	13.457	146	20611	4.637	ug/l	95
88) 1,4-Dichlorobenzene	13.540	146	21541	4.946	ug/l	87
89) n-Butylbenzene	13.787	91	37378	4.541	ug/l	95
90) Hexachloroethane	14.051	117	6886	4.428	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	19623	5.010	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1724	6.015	ug/l	81
93) 1,2,4-Trichlorobenzene	15.092	180	11843	4.952	ug/l	93
94) Hexachlorobutadiene	15.198	225	6041	5.253	ug/l	88
95) Naphthalene	15.328	128	24618	4.755	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	10995	5.124	ug/l	94

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Acq On : 14 Jul 2023 15:57
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Sample : VSTDICC005
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

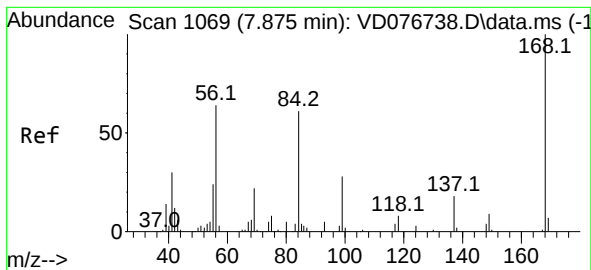
Manual Integrations
APPROVED

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

Quant Time: Jul 17 07:43:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 07:40:58 2023
Response via : Initial Calibration

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: 7.869 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion:168 Resp: 16428

Ion Ratio Lower Upper

168 100

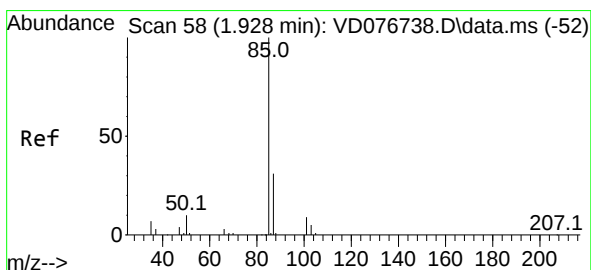
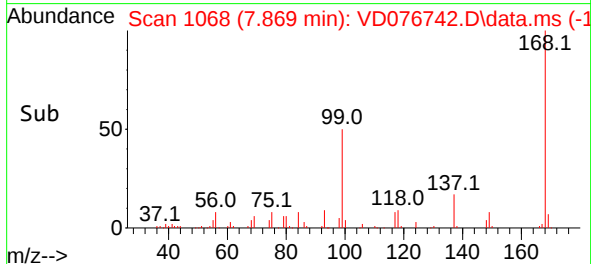
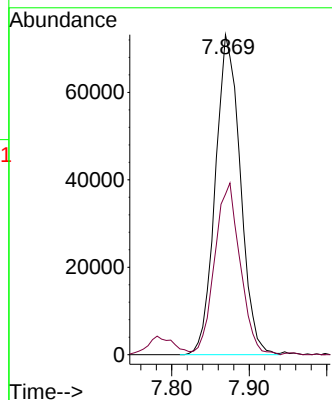
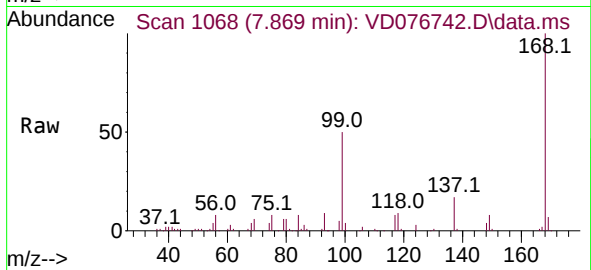
99 50.1 36.7 55.1

Manual Integrations

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Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#2

Dichlorodifluoromethane

Concen: 4.751 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD076742.D

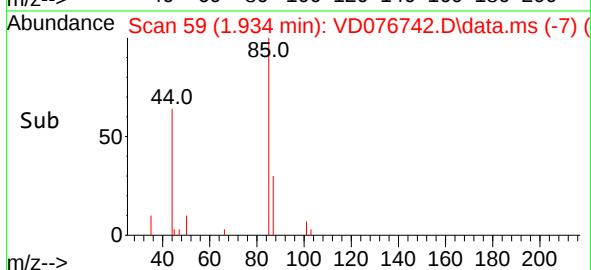
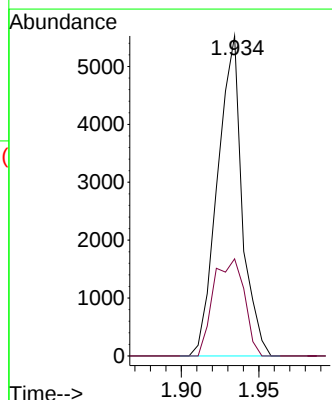
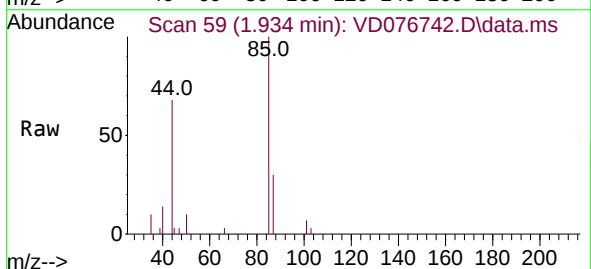
Acq: 14 Jul 2023 15:57

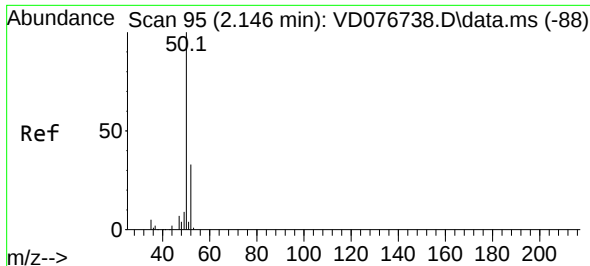
Tgt Ion: 85 Resp: 6104

Ion Ratio Lower Upper

85 100

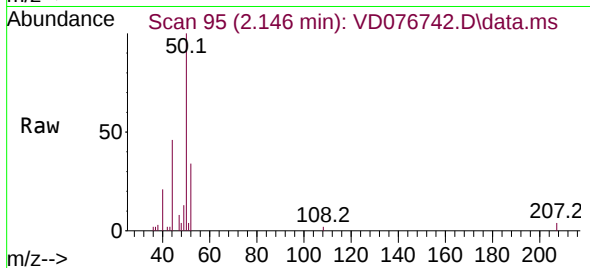
87 30.4 15.7 47.0





#3
Chloromethane
Concen: 5.662 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

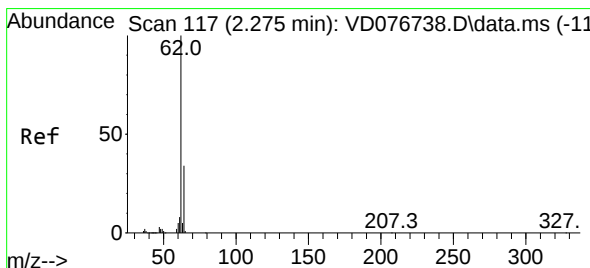
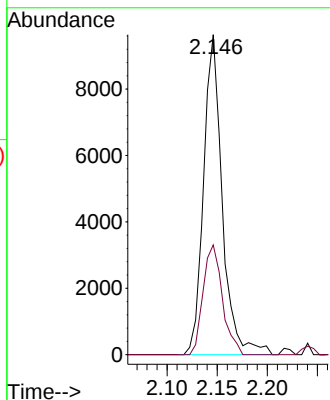
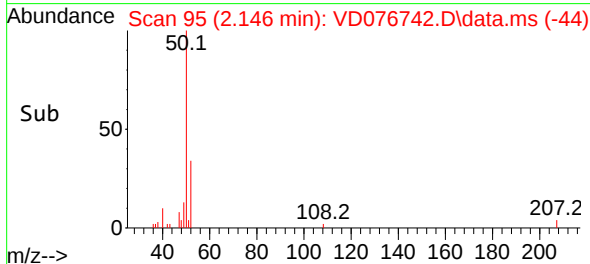
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



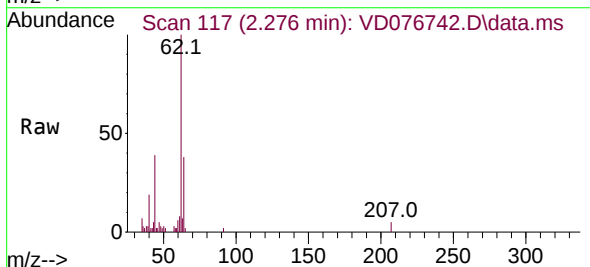
Tgt Ion: 50 Resp: 12548
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0

Manual Integrations
APPROVED

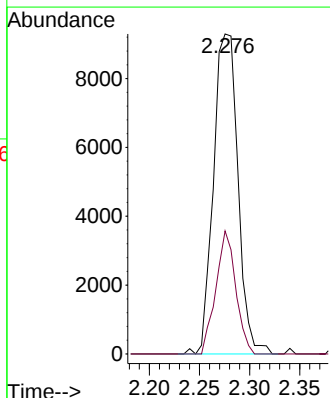
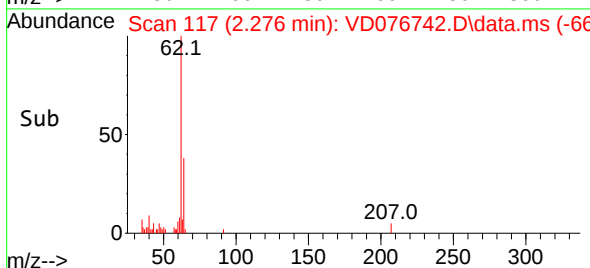
Reviewed By :John Carlone 07/17/2023
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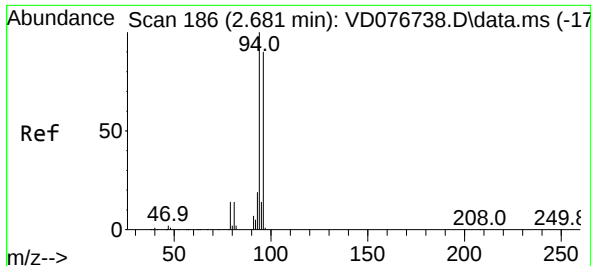


#4
Vinyl Chloride
Concen: 5.330 ug/l
RT: 2.276 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



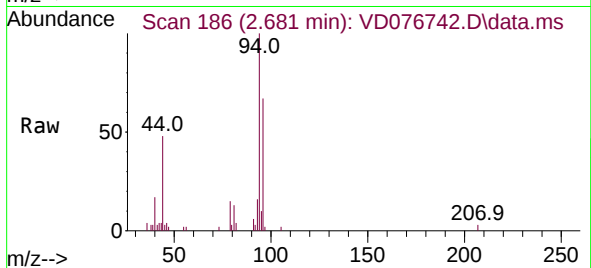
Tgt Ion: 62 Resp: 15745
Ion Ratio Lower Upper
62 100
64 38.5 26.0 39.0





#5
Bromomethane
Concen: 5.857 ug/l
RT: 2.681 min Scan# 186
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

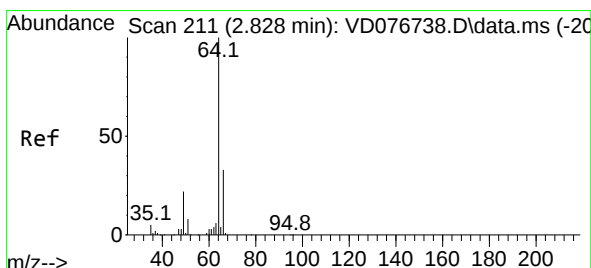
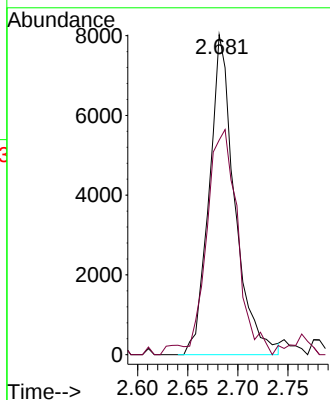
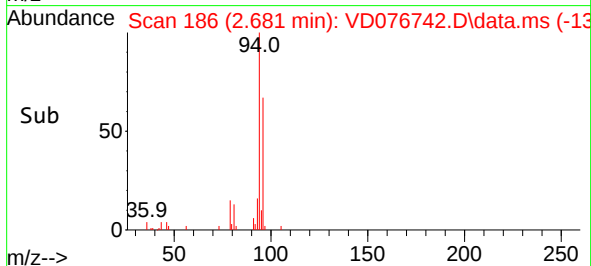
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



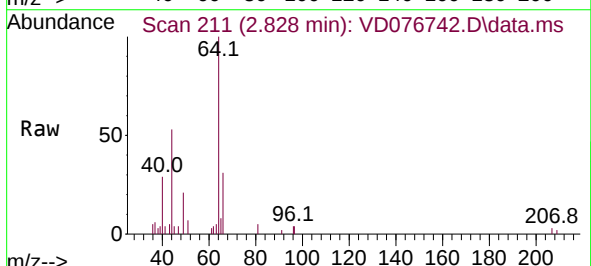
Tgt Ion: 94 Resp: 14235
Ion Ratio Lower Upper
94 100
96 83.8 75.8 113.8

Manual Integrations
APPROVED

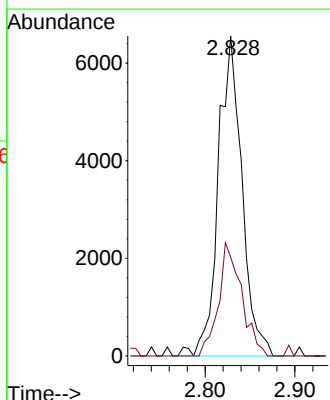
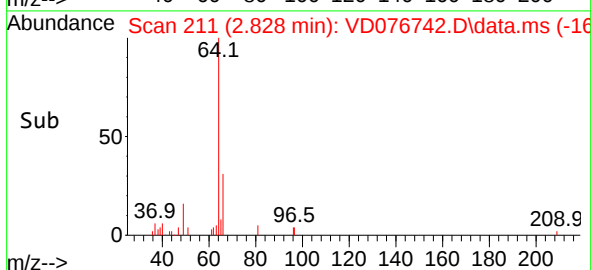
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

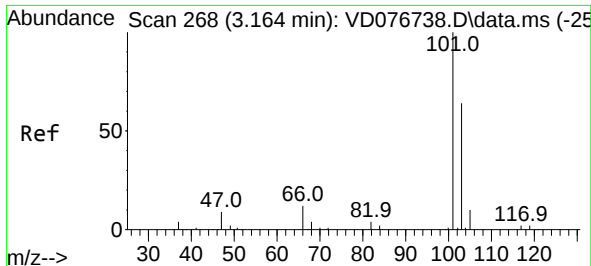


#6
Chloroethane
Concen: 5.396 ug/l
RT: 2.828 min Scan# 211
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



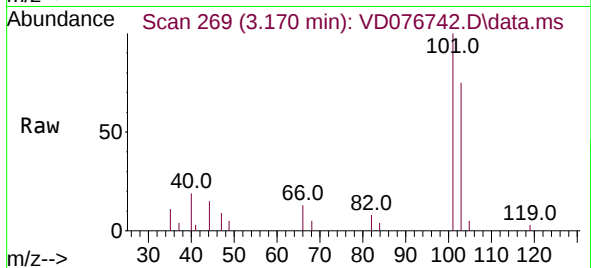
Tgt Ion: 64 Resp: 12035
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3





#7
 Trichlorofluoromethane
 Concen: 5.044 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

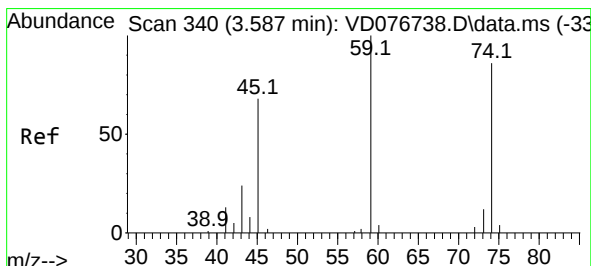
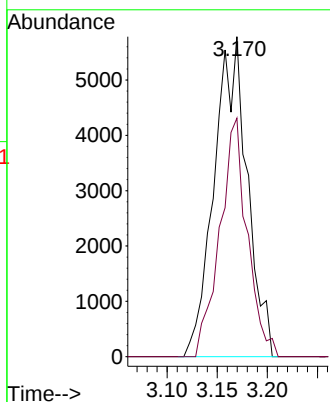
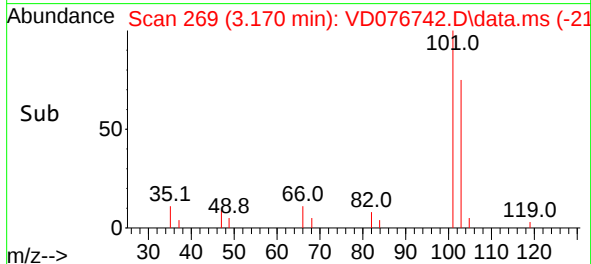
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion:101 Resp: 13260
 Ion Ratio Lower Upper
 101 100
 103 74.5 52.3 78.5

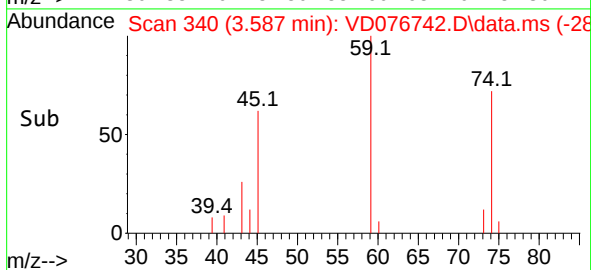
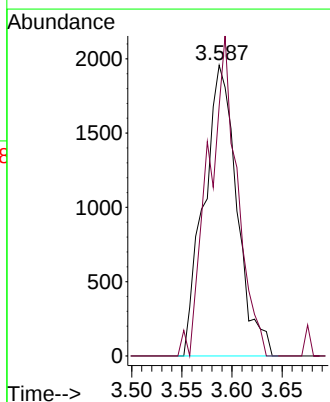
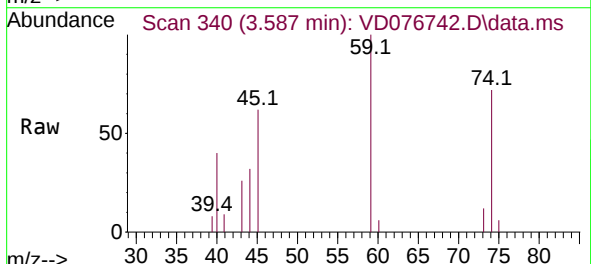
Manual Integrations
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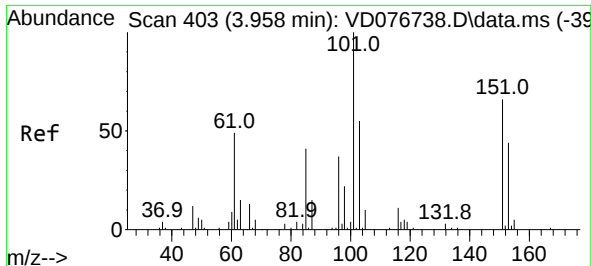
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#8
 Diethyl Ether
 Concen: 4.941 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Tgt Ion: 74 Resp: 4472
 Ion Ratio Lower Upper
 74 100
 45 97.1 37.5 112.7





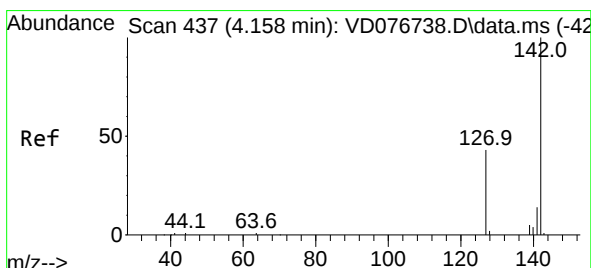
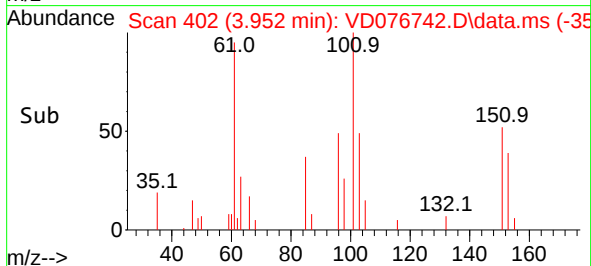
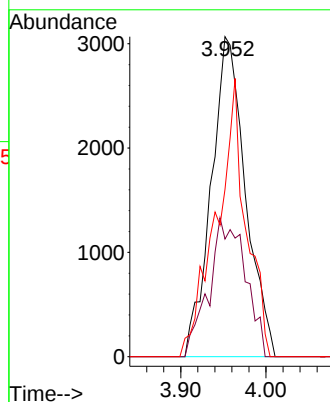
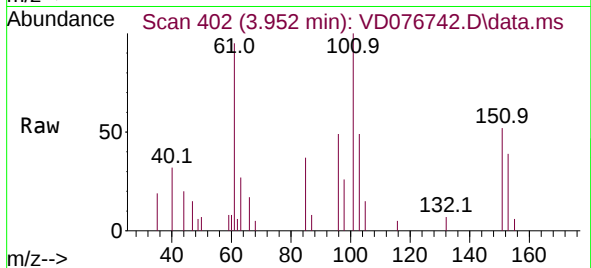
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.954 ug/l
RT: 3.952 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
Client Sample Id :
VSTDIC005

Tgt Ion:101 Resp: 8560
Ion Ratio Lower Upper
101 100
85 46.1 33.8 50.6
151 75.3 59.8 89.6

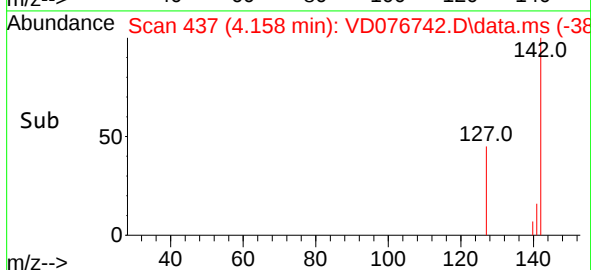
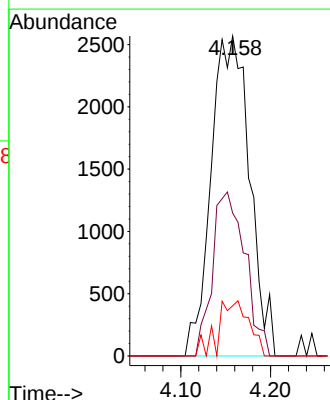
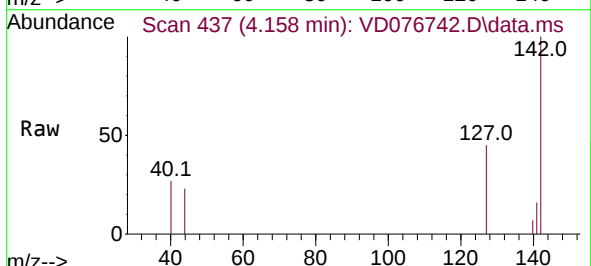
Manual Integrations
APPROVED

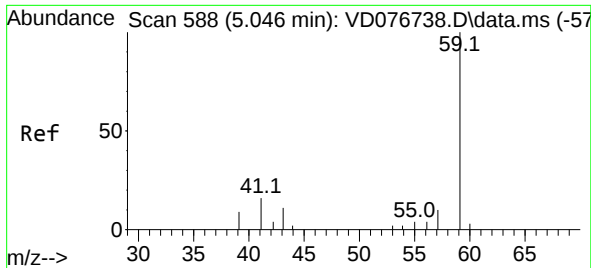
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#10
Methyl Iodide
Concen: 3.931 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:142 Resp: 7656
Ion Ratio Lower Upper
142 100
127 43.5 29.4 44.0
141 13.1 11.1 16.7





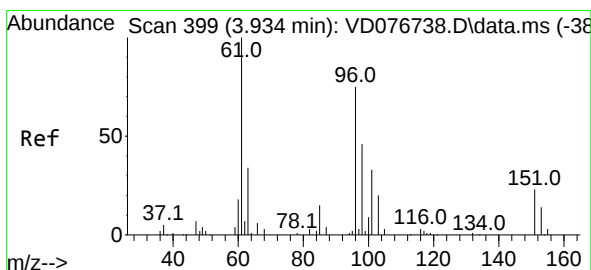
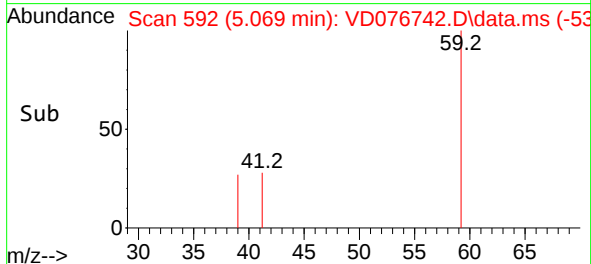
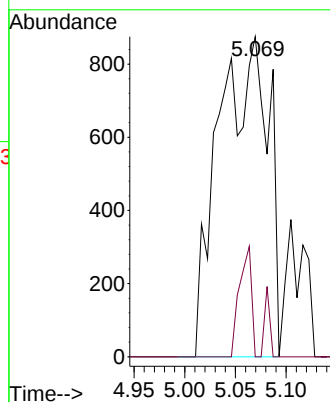
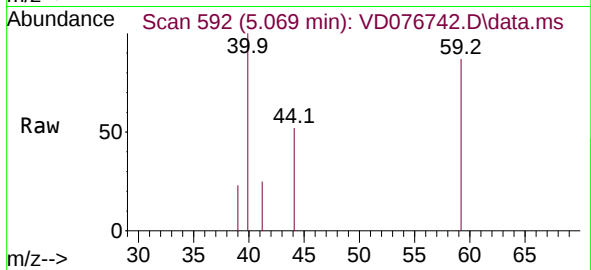
#11
Tert butyl alcohol
Concen: 24.290 ug/l m
RT: 5.069 min Scan# 592
Delta R.T. 0.023 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 59 Resp: 2960
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8

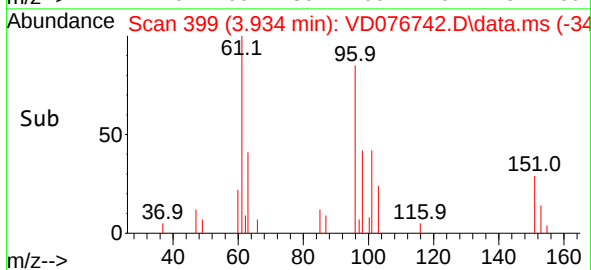
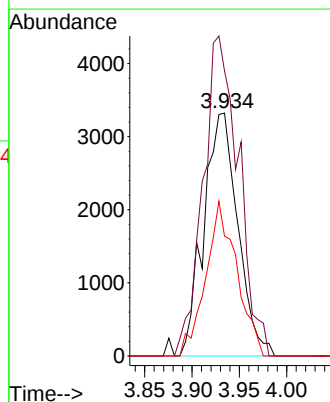
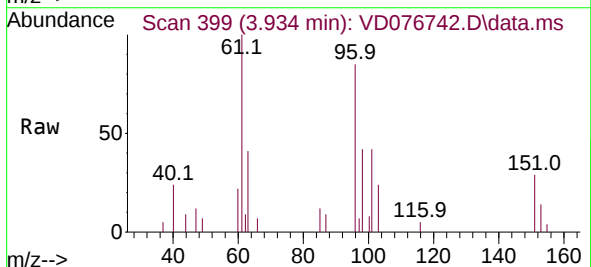
Manual Integrations
APPROVED

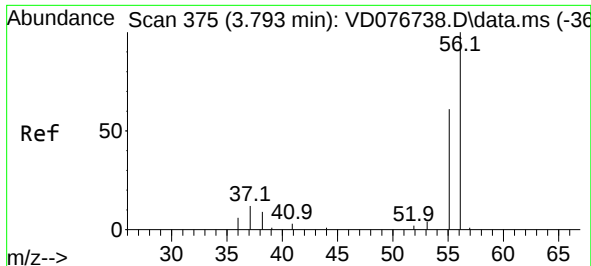
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#12
1,1-Dichloroethene
Concen: 5.138 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

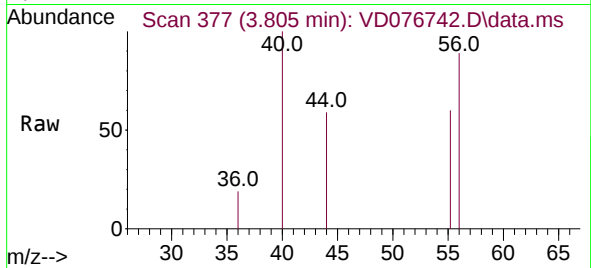
Tgt Ion: 96 Resp: 8341
Ion Ratio Lower Upper
96 100
61 117.4 100.6 150.8
98 49.4 50.2 75.2





#13
Acrolein
Concen: 26.211 ug/l
RT: 3.805 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

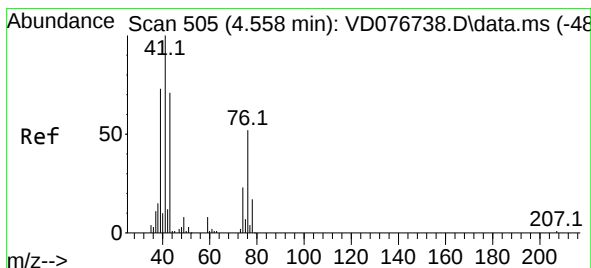
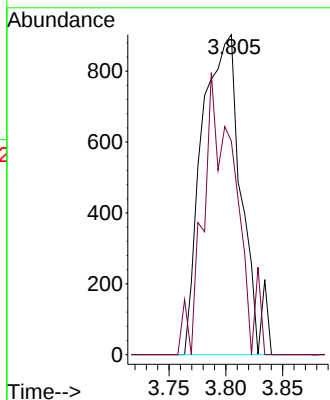
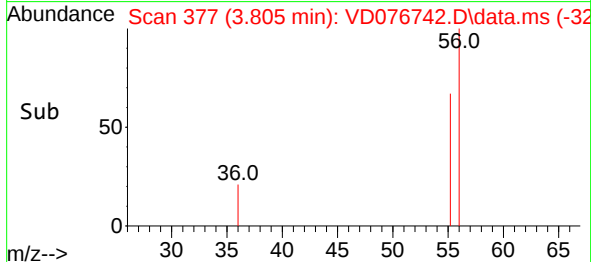
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



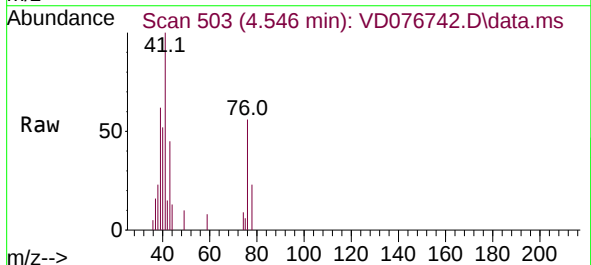
Tgt Ion: 56 Resp: 218
Ion Ratio Lower Upper
56 100
55 71.3 55.1 82.7

Manual Integrations
APPROVED

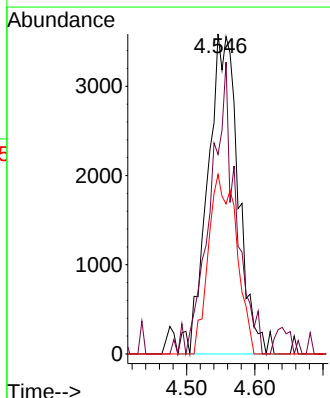
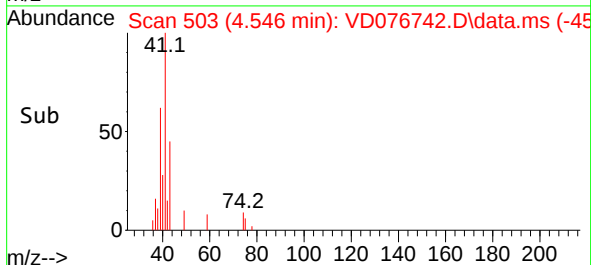
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

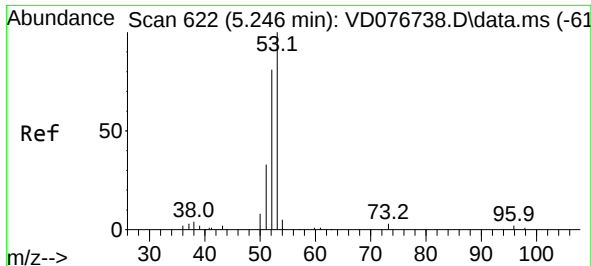


#14
Allyl chloride
Concen: 5.281 ug/l
RT: 4.546 min Scan# 503
Delta R.T. -0.012 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



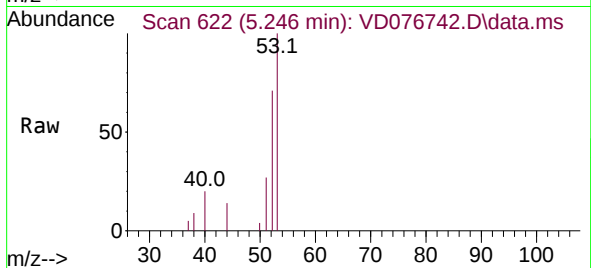
Tgt Ion: 41 Resp: 11262
Ion Ratio Lower Upper
41 100
39 76.2 53.8 80.6
76 51.2 45.8 68.8





#15
Acrylonitrile
Concen: 26.321 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

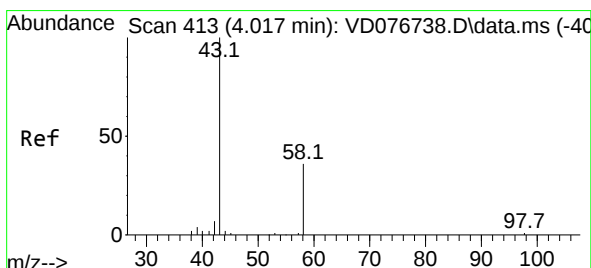
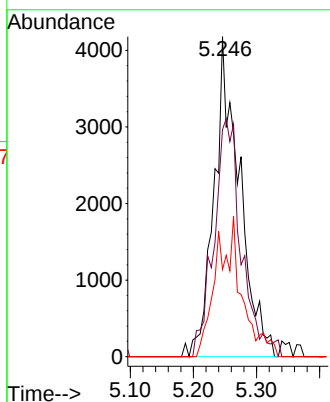
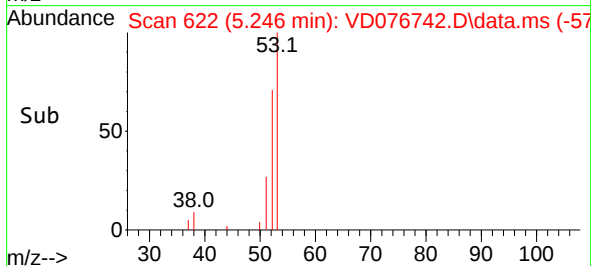
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



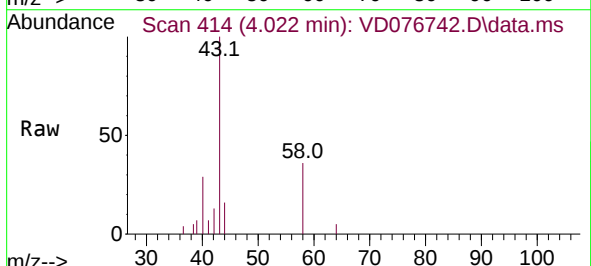
Tgt Ion: 53 Resp: 11700
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.4
51 16.7 28.3 42.5

Manual Integrations
APPROVED

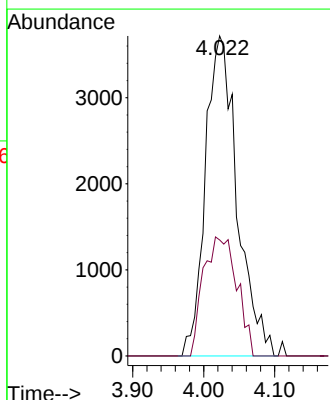
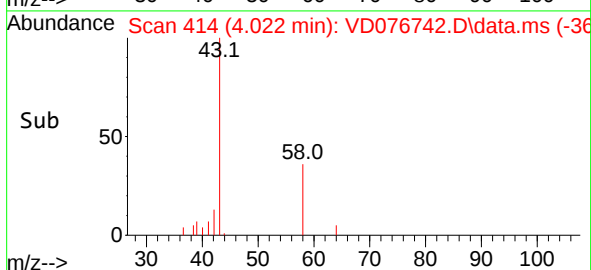
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

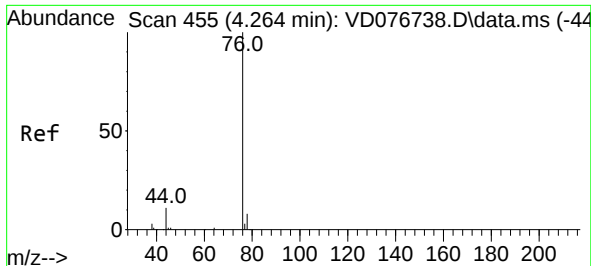


#16
Acetone
Concen: 29.550 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.005 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



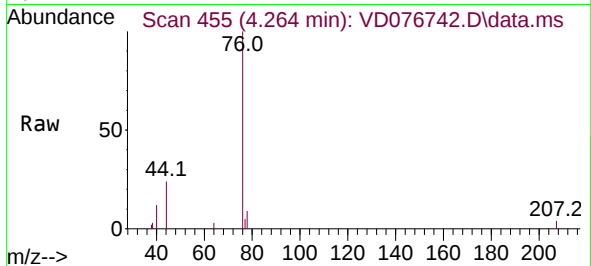
Tgt Ion: 43 Resp: 11548
Ion Ratio Lower Upper
43 100
58 36.3 34.7 52.1





#17
Carbon Disulfide
Concen: 4.792 ug/l
RT: 4.264 min Scan# 416
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

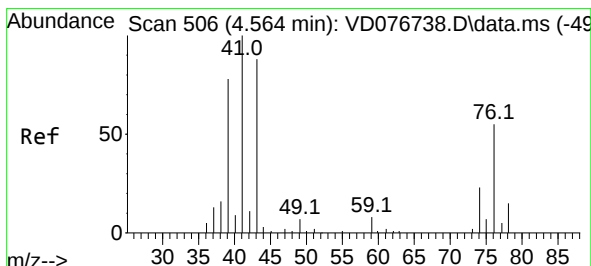
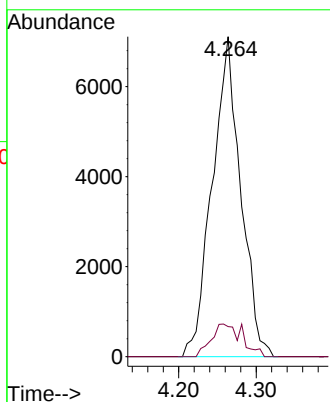
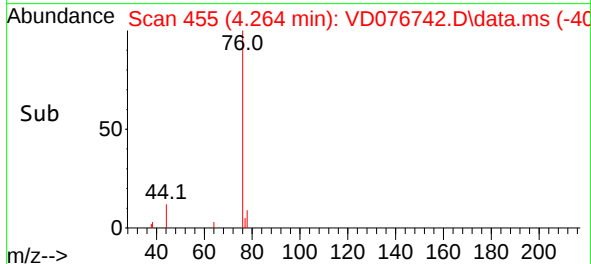
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



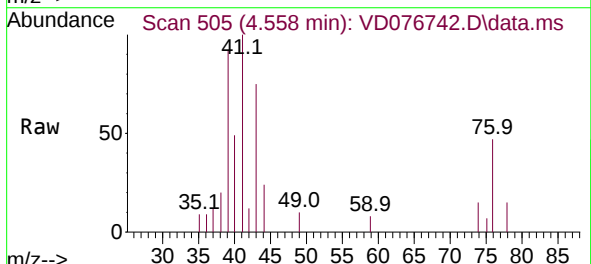
Tgt Ion: 76 Resp: 18169
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2

Manual Integrations
APPROVED

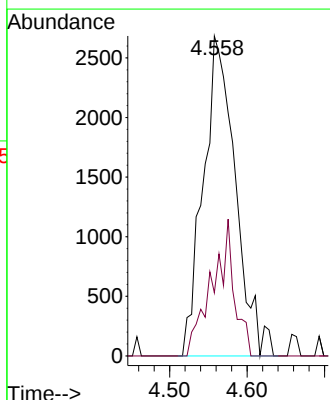
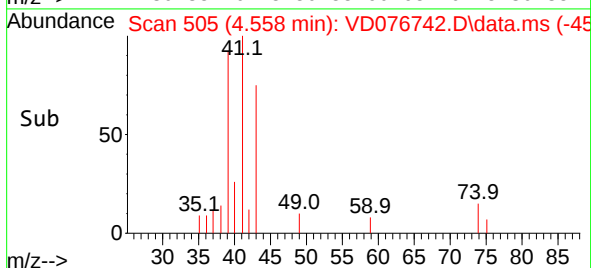
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

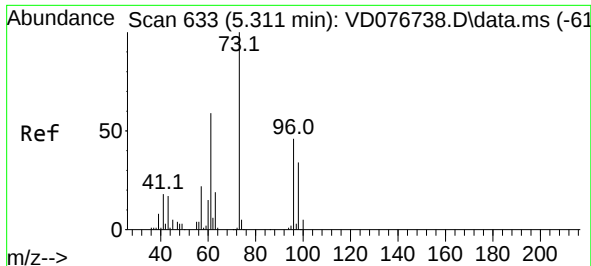


#18
Methyl Acetate
Concen: 5.270 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



Tgt Ion: 43 Resp: 7737
Ion Ratio Lower Upper
43 100
74 29.5 26.4 39.6





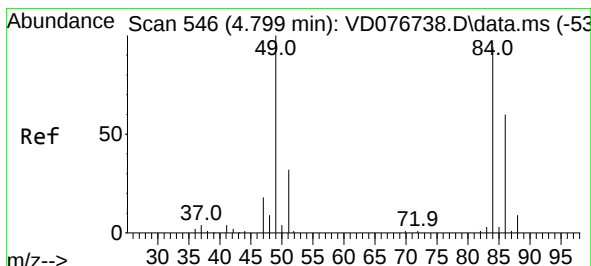
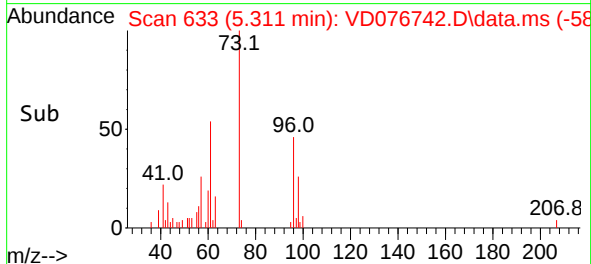
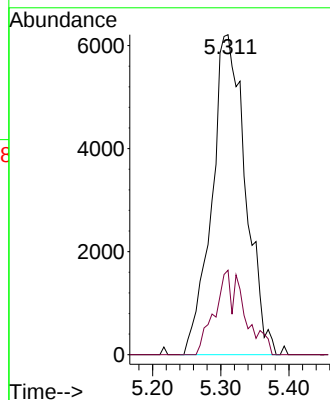
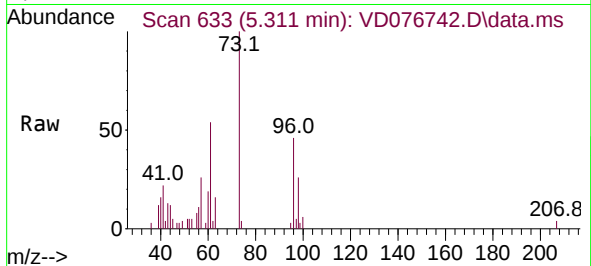
#19
Methyl tert-butyl Ether
Concen: 4.918 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 73 Resp: 21409
Ion Ratio Lower Upper
73 100
57 26.4 16.6 25.0

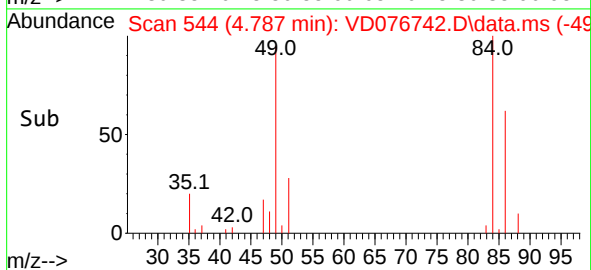
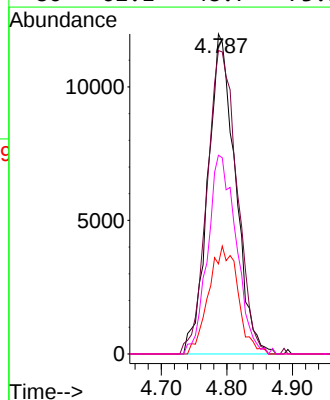
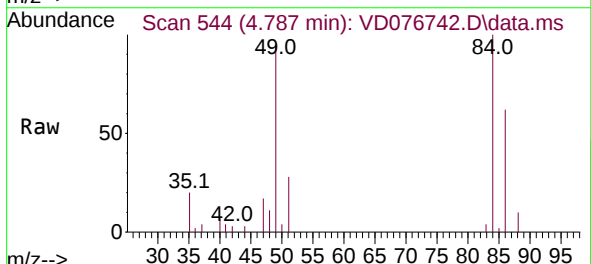
Manual Integrations
APPROVED

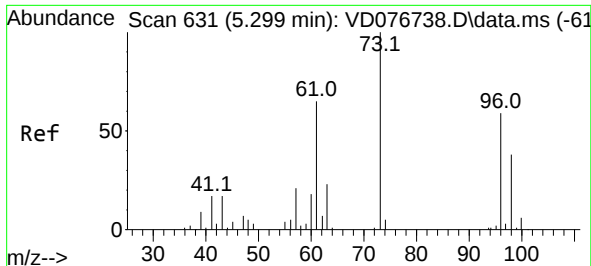
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 5.902 ug/l
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

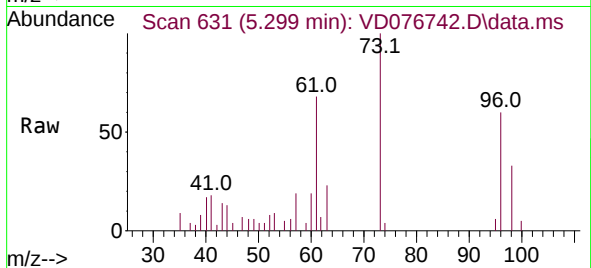
Tgt Ion: 84 Resp: 34872
Ion Ratio Lower Upper
84 100
49 94.8 71.4 107.2
51 28.2 24.5 36.7
86 62.1 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 4.968 ug/l
RT: 5.299 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

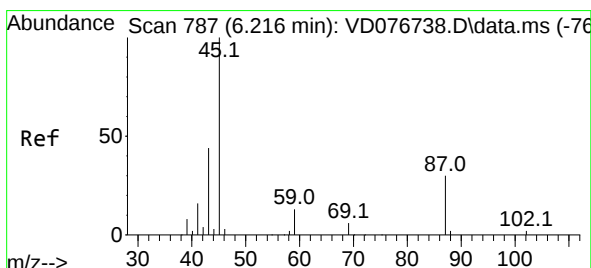
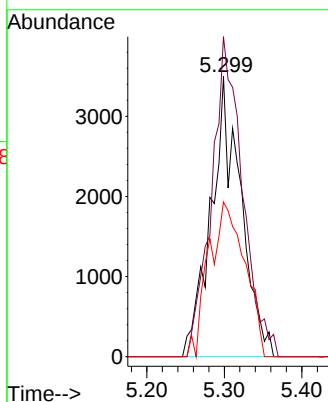
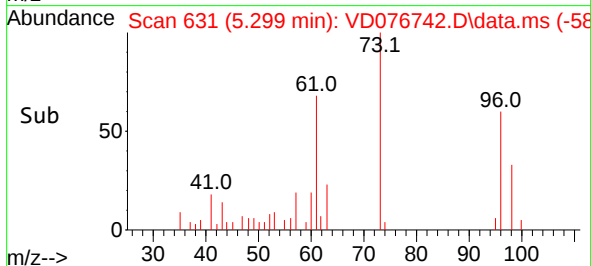
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 9374
Ion Ratio Lower Upper
96 100
61 114.2 89.3 133.9
98 55.2 48.6 73.0

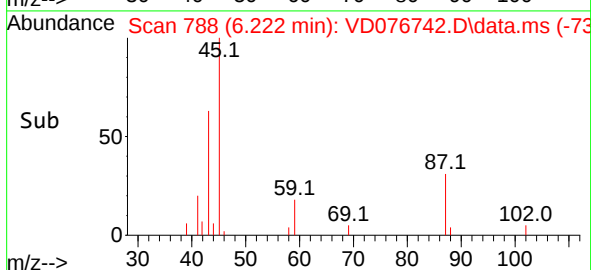
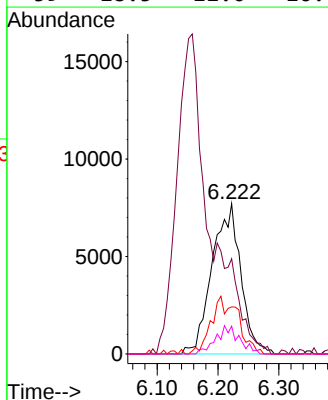
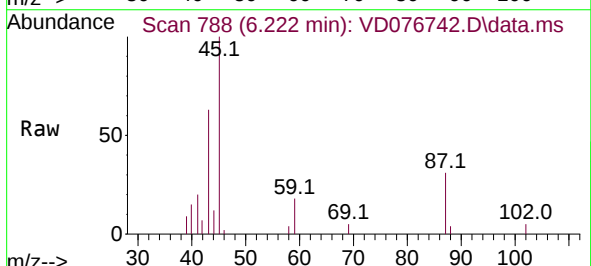
Manual Integrations
APPROVED

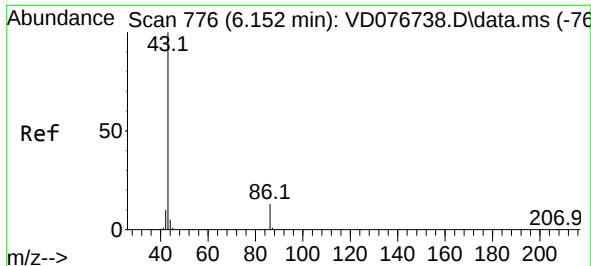
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#22
Diisopropyl ether
Concen: 4.998 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 45 Resp: 25240
Ion Ratio Lower Upper
45 100
43 63.4 40.0 60.0#
87 31.3 28.2 42.4
59 18.5 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 24.883 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

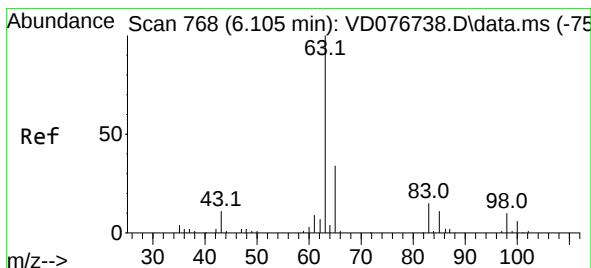
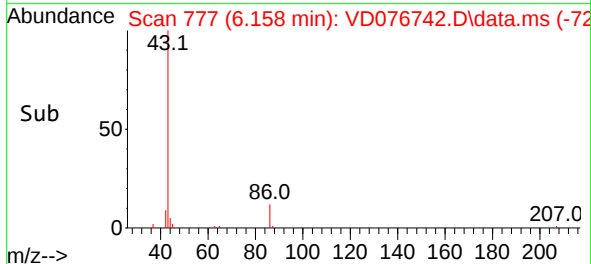
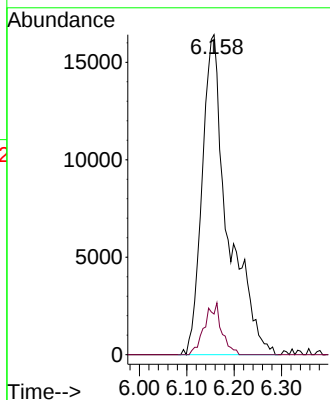
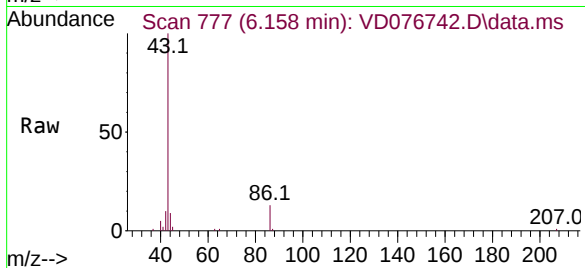
VSTDIC005

Tgt Ion: 43 Resp: 62174
 Ion Ratio Lower Upper
 43 100
 86 12.7 12.5 18.7

Manual Integrations

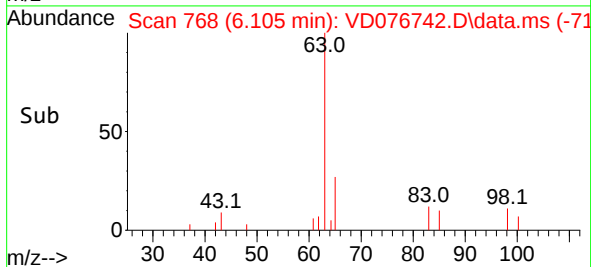
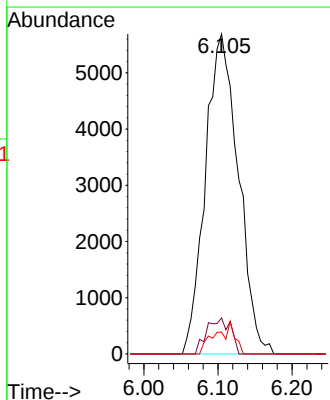
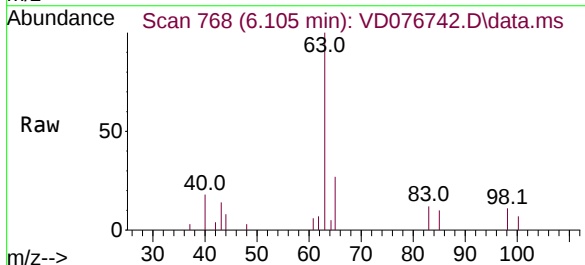
APPROVED

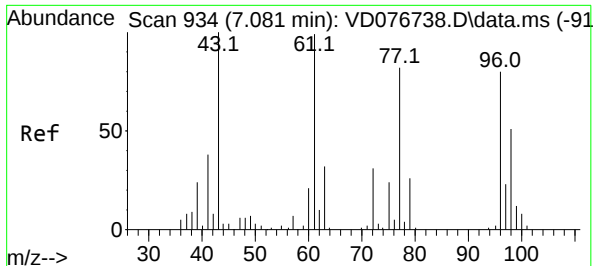
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#24
 1,1-Dichloroethane
 Concen: 5.163 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.000 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Tgt Ion: 63 Resp: 17580
 Ion Ratio Lower Upper
 63 100
 98 11.3 4.5 13.7
 100 6.8 2.5 7.5





#25

2-Butanone

Concen: 25.410 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

Tgt Ion: 43 Resp: 13290

Ion Ratio Lower Upper

43 100

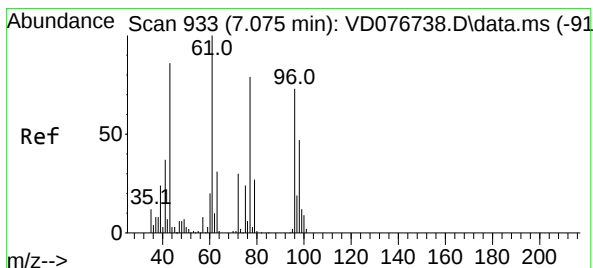
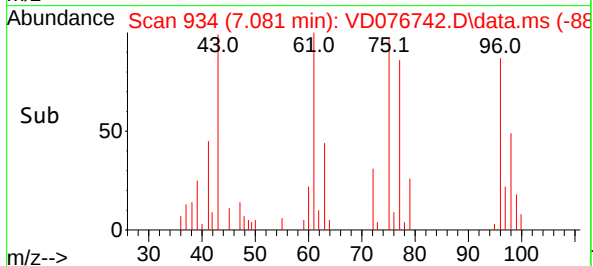
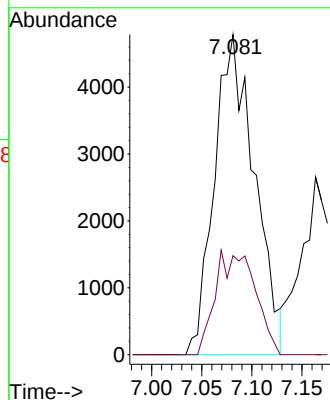
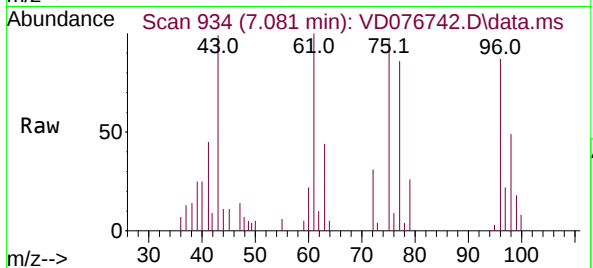
72 31.0 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#26

2,2-Dichloropropane

Concen: 5.040 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD076742.D

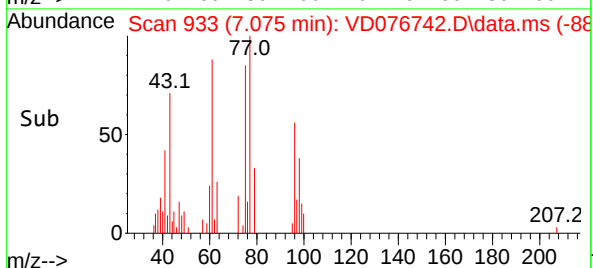
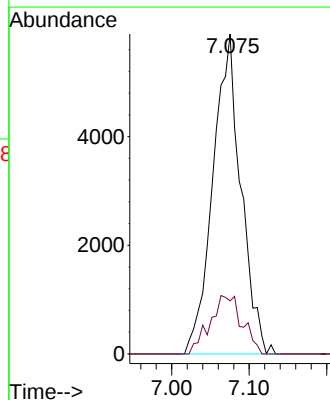
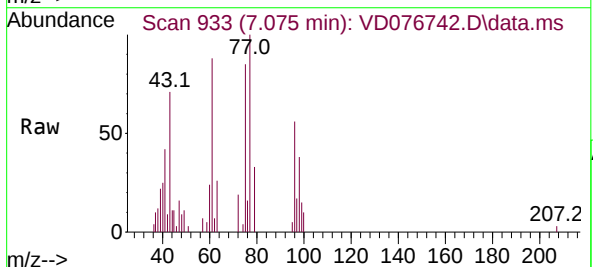
Acq: 14 Jul 2023 15:57

Tgt Ion: 77 Resp: 14794

Ion Ratio Lower Upper

77 100

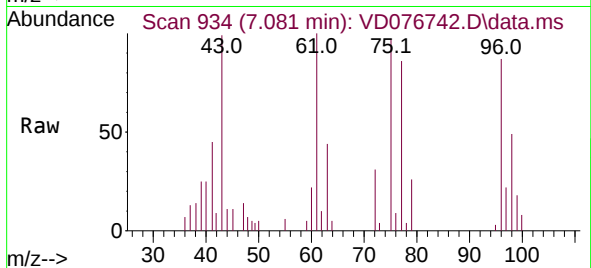
97 21.0 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 4.966 ug/l
 RT: 7.081 min Scan# 911
 Delta R.T. 0.006 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

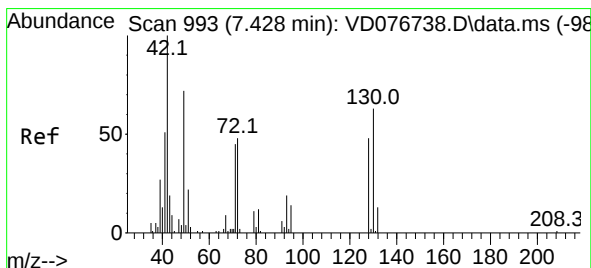
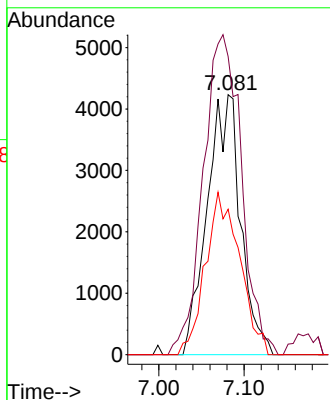
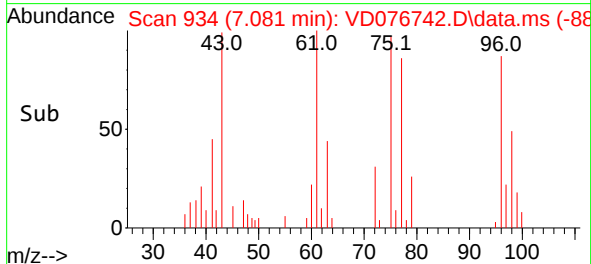
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005



Tgt Ion: 96 Resp: 11552
 Ion Ratio Lower Upper
 96 100
 61 140.3 0.0 239.2
 98 64.1 0.0 128.6

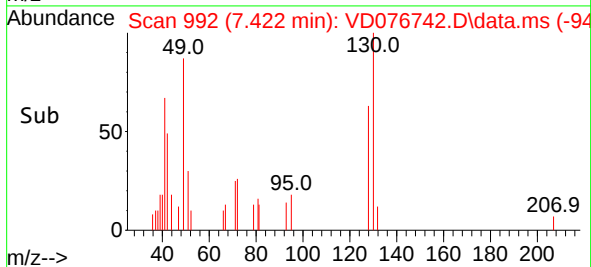
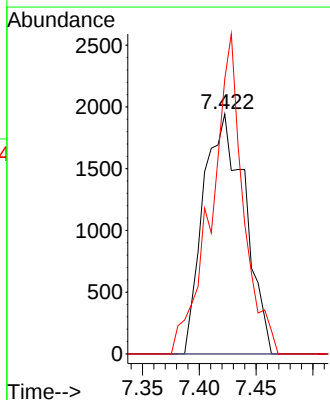
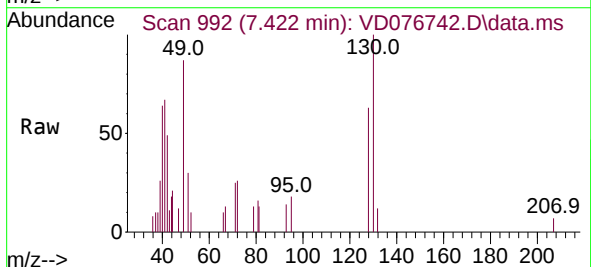
Manual Integrations
 APPROVED

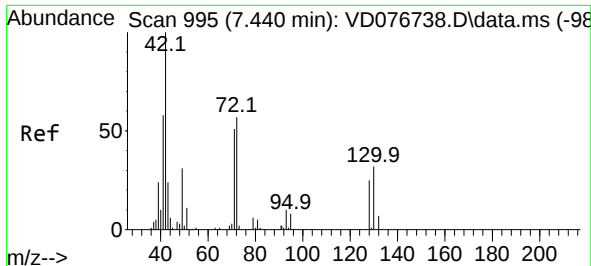
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#28
 Bromochloromethane
 Concen: 5.816 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

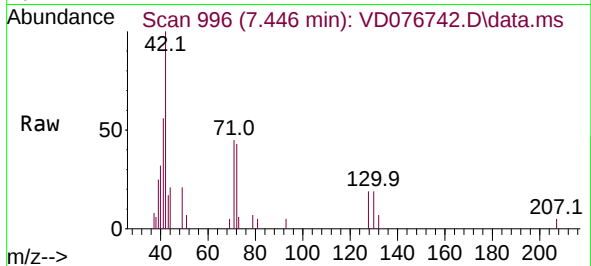
Tgt Ion: 49 Resp: 4951
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.0
 130 101.8 83.2 124.8





#29
Tetrahydrofuran
Concen: 25.827 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

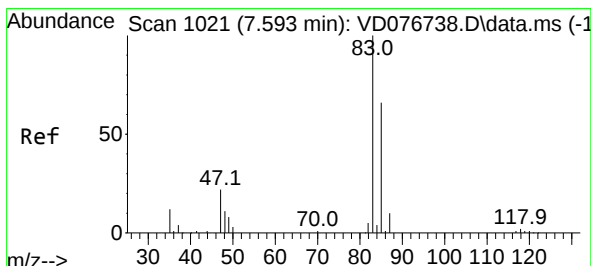
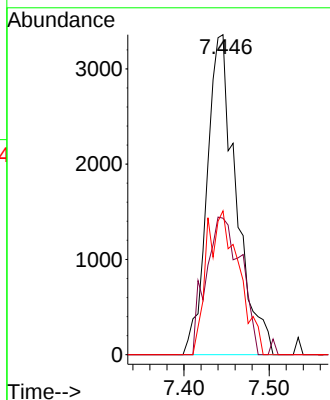
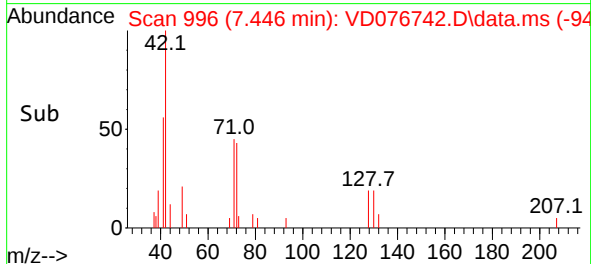
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



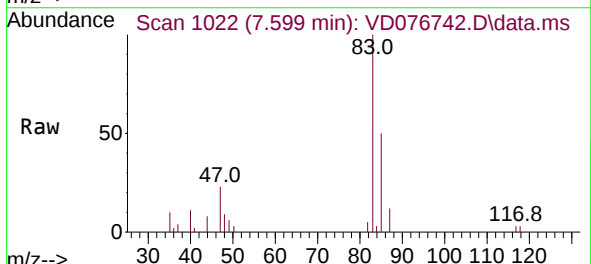
Tgt Ion: 42 Resp: 798
Ion Ratio Lower Upper
42 100
72 51.7 46.5 69.7
71 49.9 44.5 66.7

Manual Integrations
APPROVED

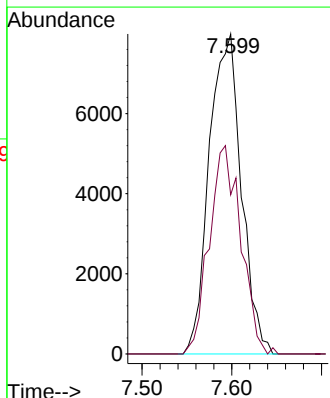
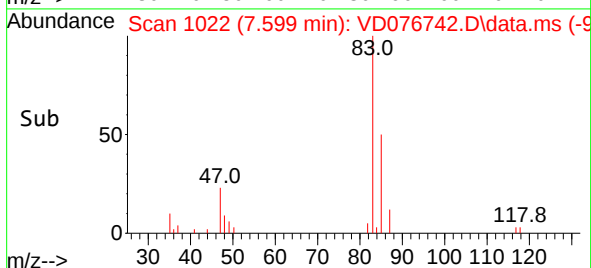
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

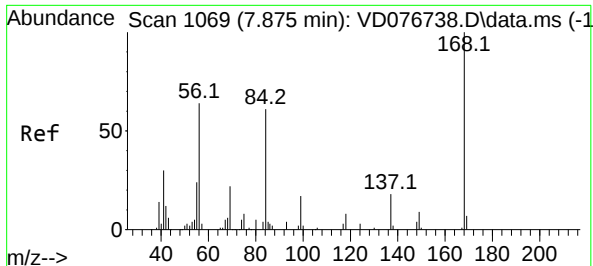


#30
Chloroform
Concen: 5.312 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



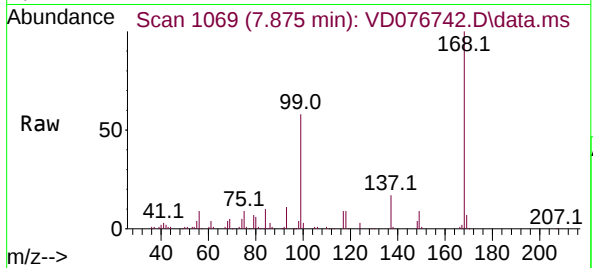
Tgt Ion: 83 Resp: 19811
Ion Ratio Lower Upper
83 100
85 49.8 53.4 80.2#





#31
Cyclohexane
Concen: 5.910 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

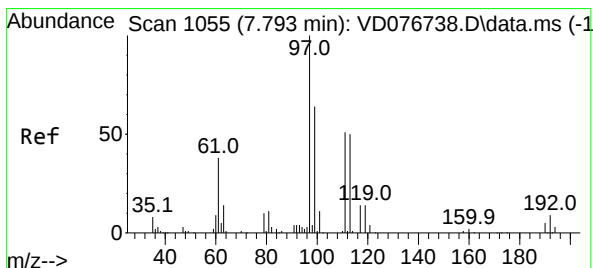
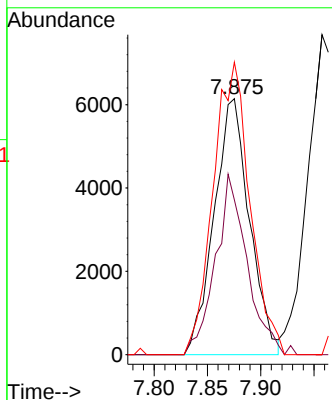
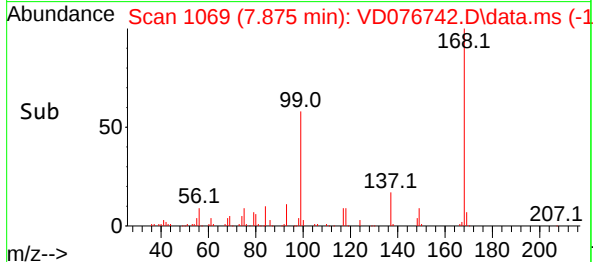
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



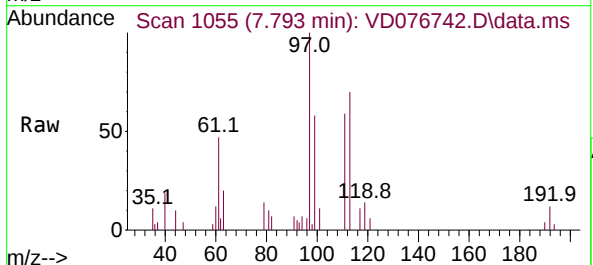
Tgt Ion: 56 Resp: 1423
Ion Ratio Lower Upper
56 100
69 60.5 28.6 43.0
84 114.2 84.8 127.2

Manual Integrations
APPROVED

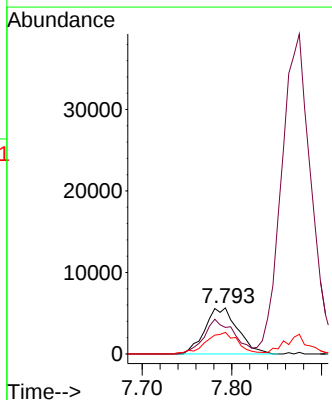
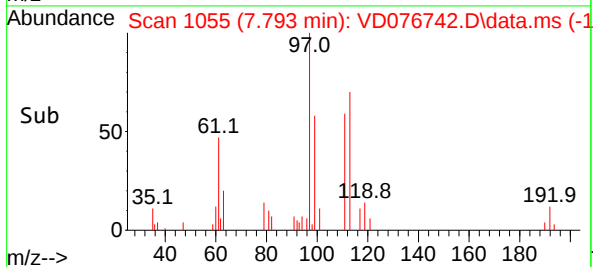
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

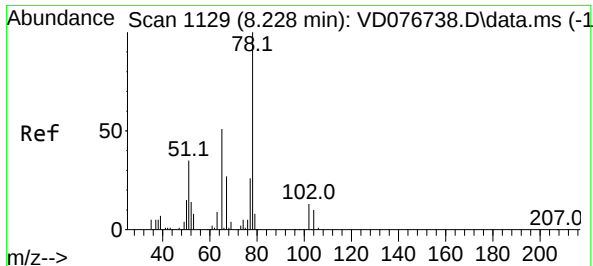


#32
1,1,1-Trichloroethane
Concen: 4.747 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



Tgt Ion: 97 Resp: 14282
Ion Ratio Lower Upper
97 100
99 69.2 52.0 78.0
61 46.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.565 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 65 Resp: 9100

Ion Ratio Lower Upper

65 100

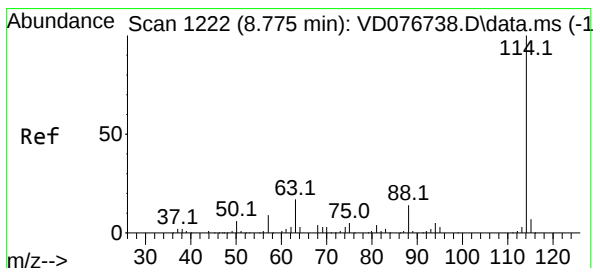
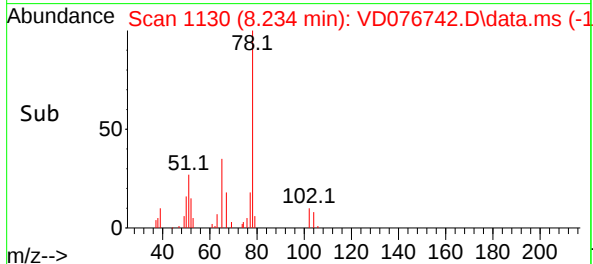
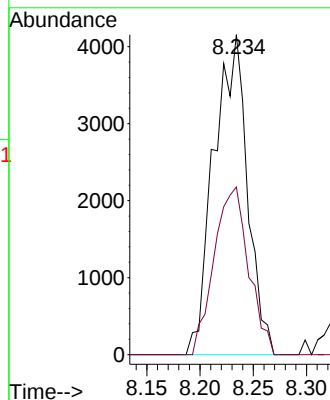
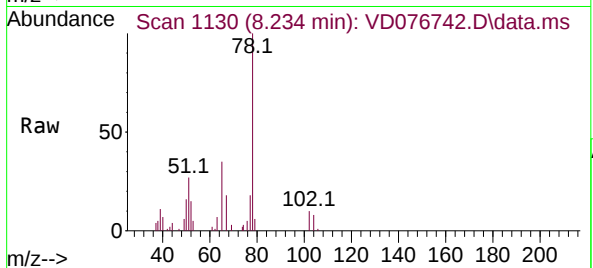
67 53.9 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

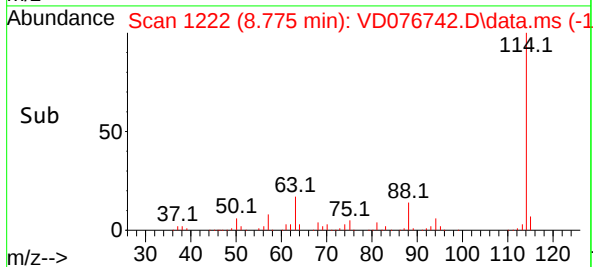
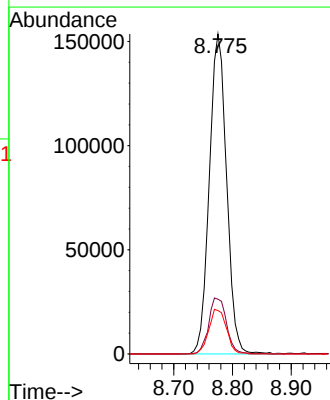
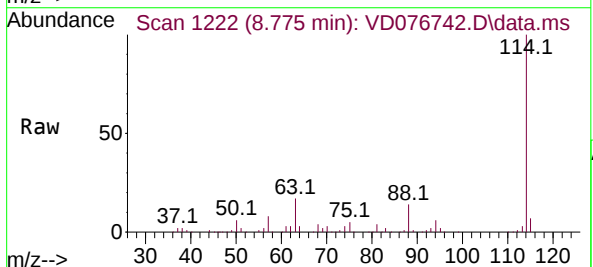
Tgt Ion:114 Resp: 313383

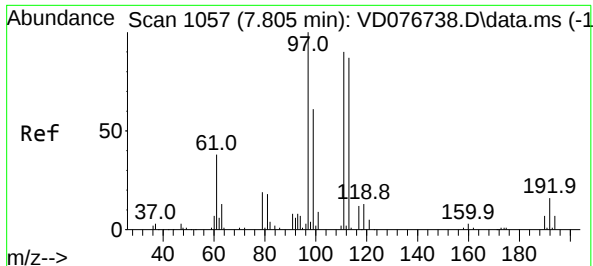
Ion Ratio Lower Upper

114 100

63 17.1 0.0 33.4

88 13.5 0.0 26.2





#35

Dibromofluoromethane

Concen: 5.297 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

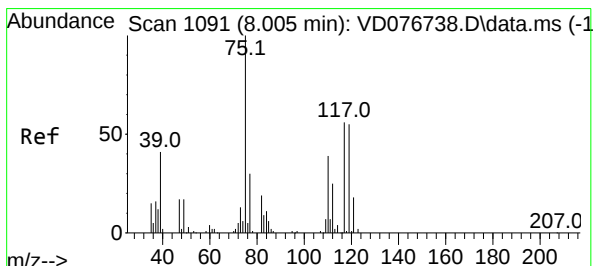
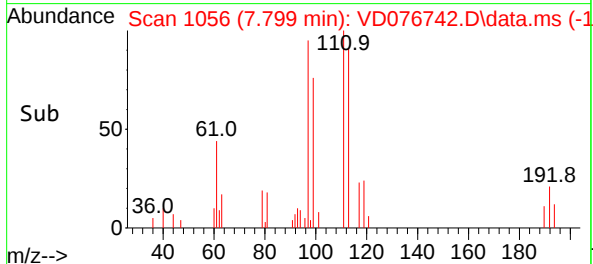
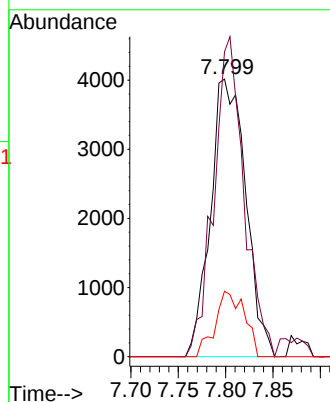
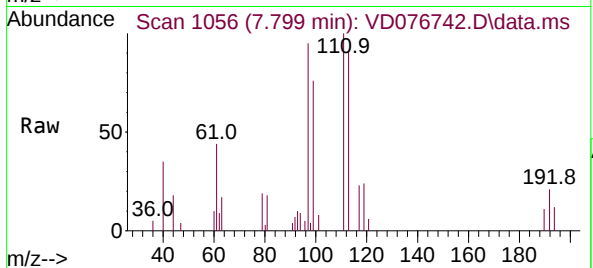
Tgt Ion:	113	Resp:	1043
Ion Ratio	Lower	Upper	
113	100		
111	98.5	84.7	127.1
192	19.5	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#36

1,1-Dichloropropene

Concen: 4.669 ug/l

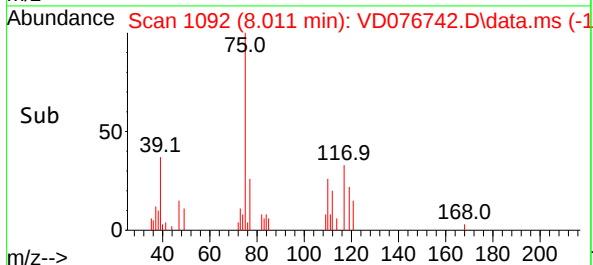
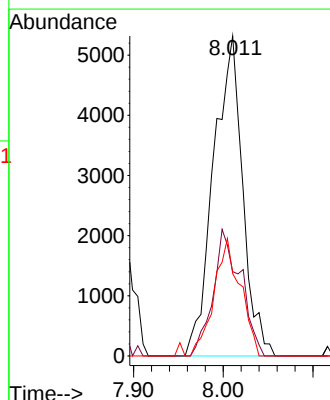
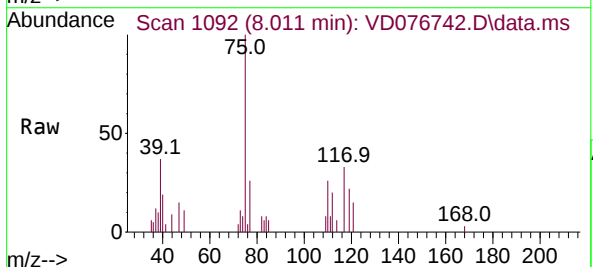
RT: 8.011 min Scan# 1092

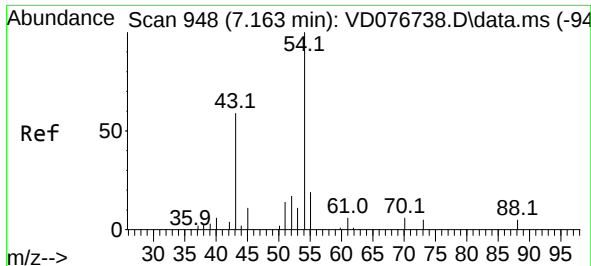
Delta R.T. 0.005 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

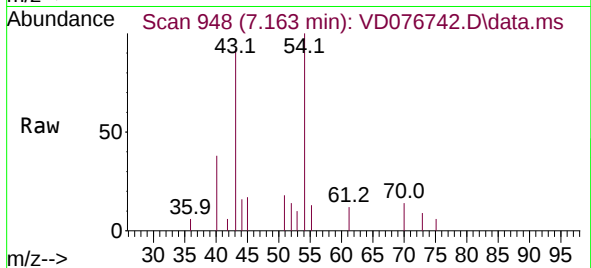
Tgt Ion:	75	Resp:	12016
Ion Ratio	Lower	Upper	
75	100		
110	37.4	19.9	59.6
77	33.2	24.7	37.1





#37
Ethyl Acetate
Concen: 4.747 ug/l
RT: 7.163 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

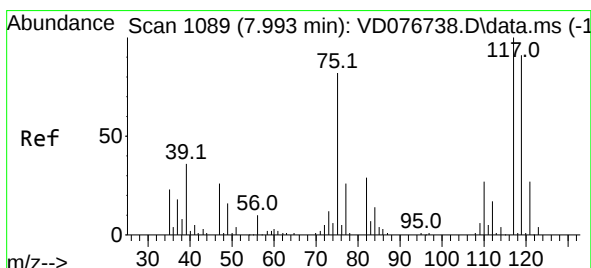
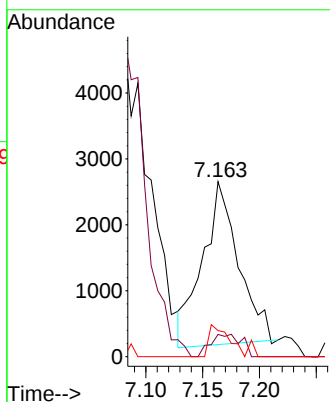
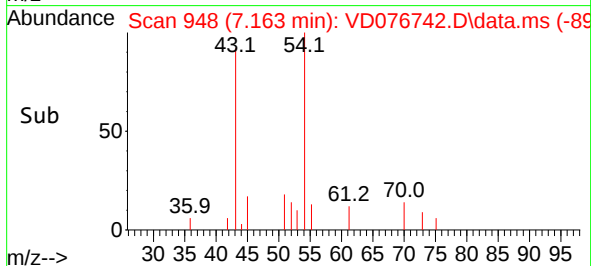
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



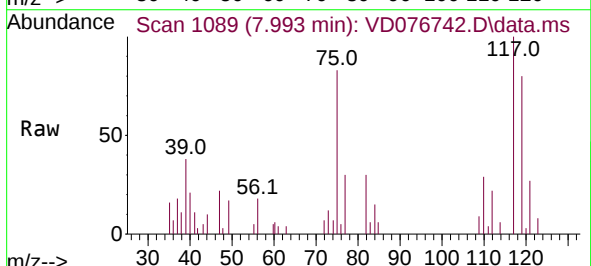
Tgt Ion: 43 Resp: 546
Ion Ratio Lower Upper
43 100
61 11.8 14.9 22.3
70 10.7 10.0 15.0

Manual Integrations
APPROVED

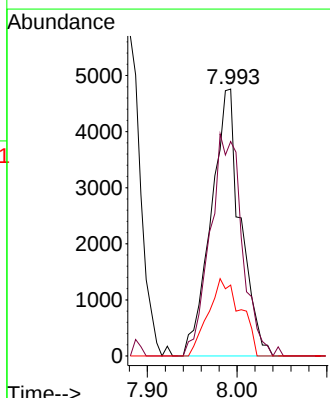
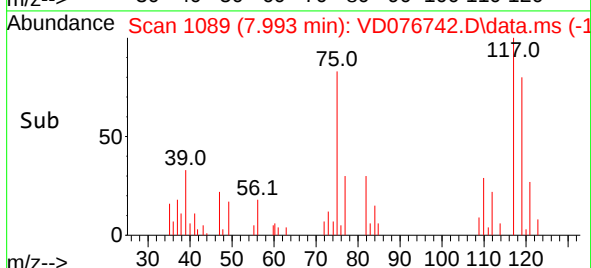
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

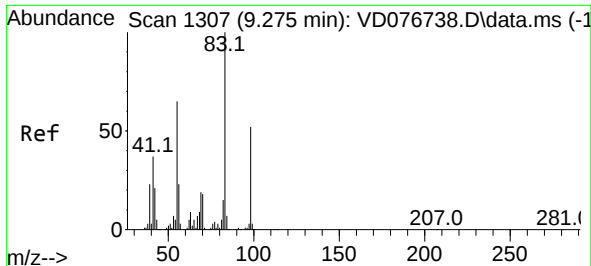


#38
Carbon Tetrachloride
Concen: 4.406 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



Tgt Ion:117 Resp: 10856
Ion Ratio Lower Upper
117 100
119 80.3 78.0 117.0
121 26.6 24.2 36.2





#39

Methylcyclohexane

Concen: 4.480 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

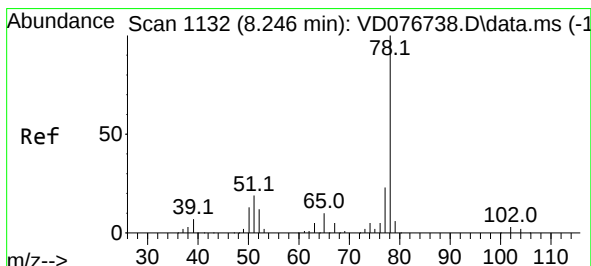
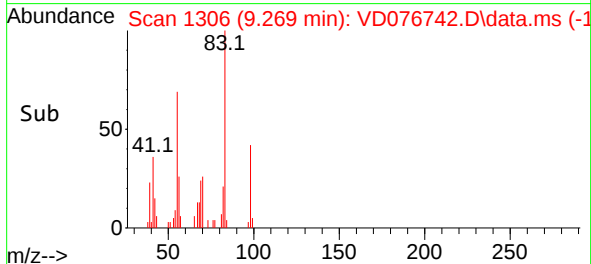
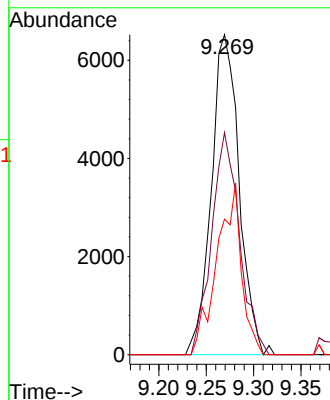
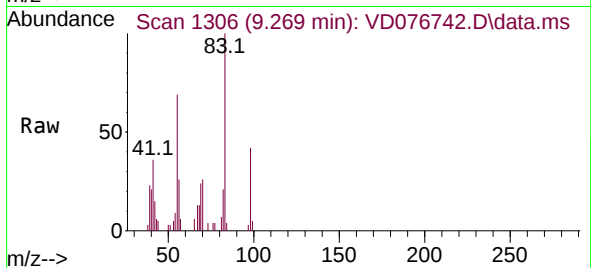
Tgt Ion: 83	Resp: 1331
Ion Ratio	Lower Upper
83 100	
55 69.4	49.4 74.0
98 42.4	38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#40

Benzene

Concen: 4.901 ug/l

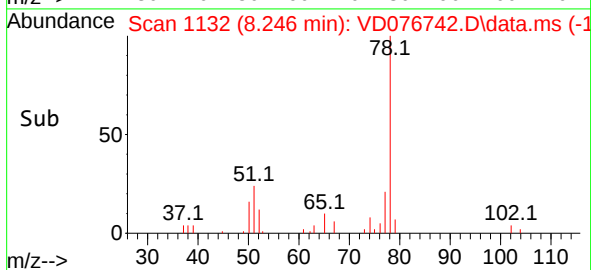
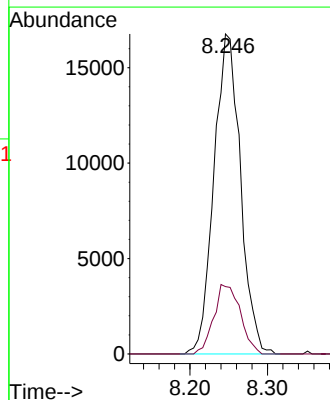
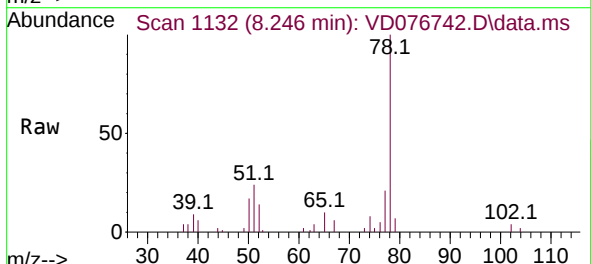
RT: 8.246 min Scan# 1132

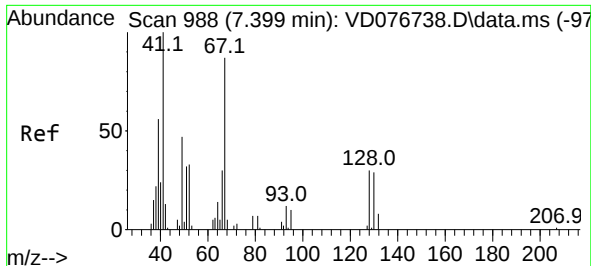
Delta R.T. -0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

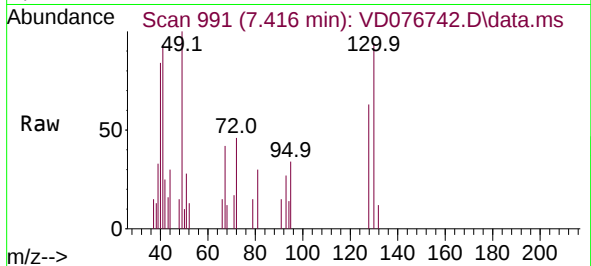
Tgt Ion: 78	Resp: 39797
Ion Ratio	Lower Upper
78 100	
77 21.1	19.4 29.0





#41
Methacrylonitrile
Concen: 5.988 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.017 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

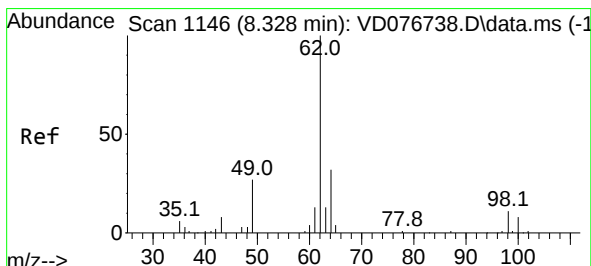
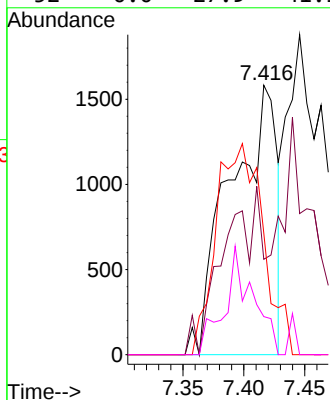
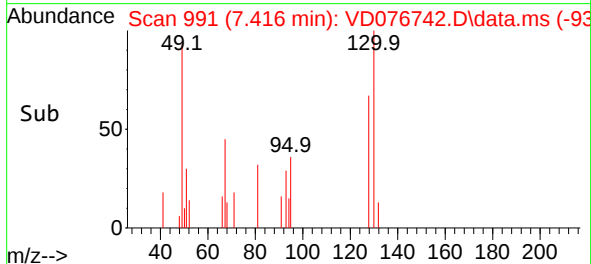
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



Tgt Ion: 41 Resp: 4208
Ion Ratio Lower Upper
41 100
39 0.0 34.0 51.0
67 0.0 77.0 115.4
52 0.0 27.9 41.9

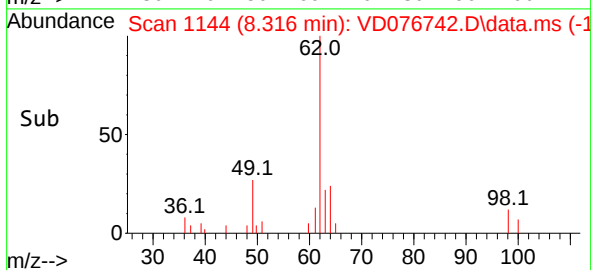
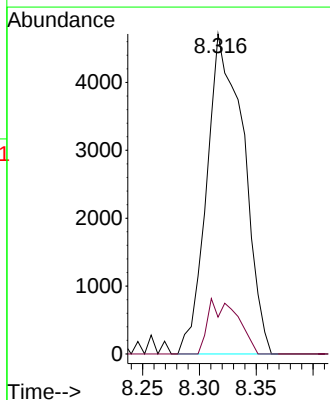
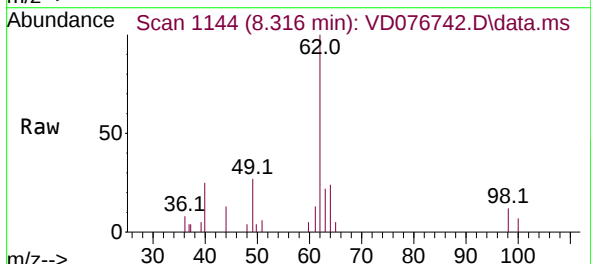
Manual Integrations
APPROVED

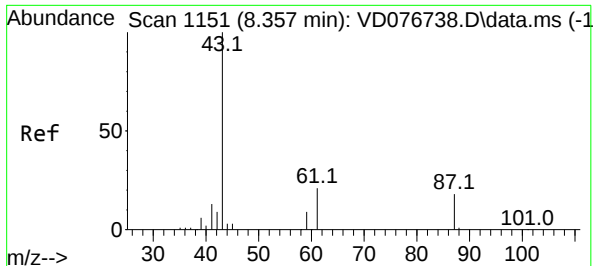
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#42
1,2-Dichloroethane
Concen: 5.033 ug/l
RT: 8.316 min Scan# 1144
Delta R.T. -0.012 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

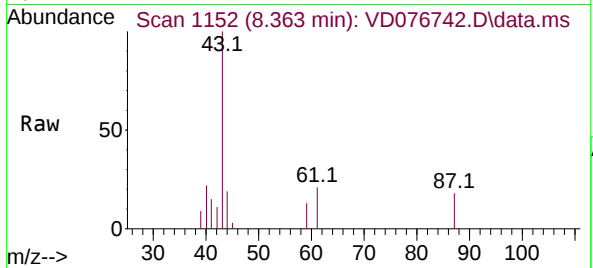
Tgt Ion: 62 Resp: 10619
Ion Ratio Lower Upper
62 100
98 13.7 0.0 25.4





#43
Isopropyl Acetate
Concen: 5.119 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

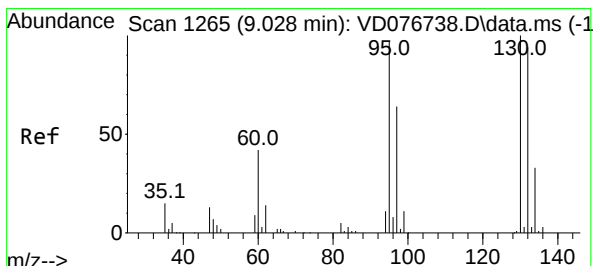
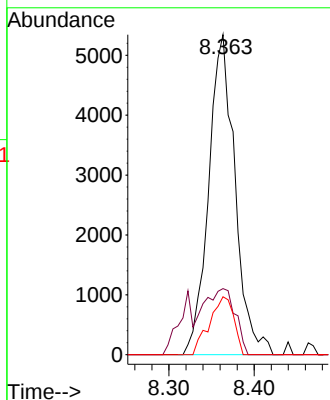
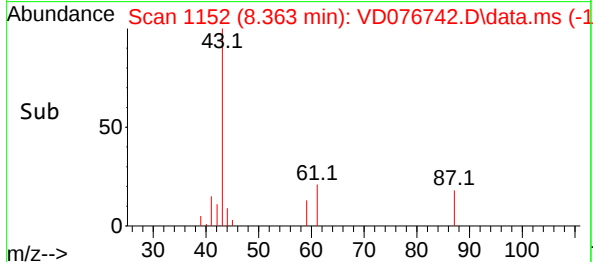
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



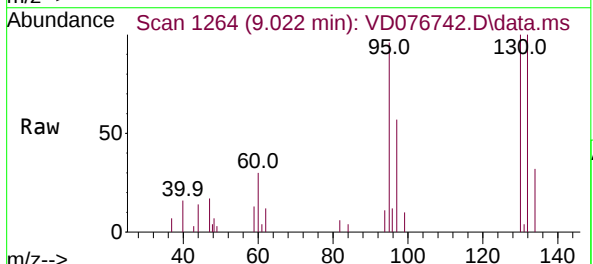
Tgt Ion: 43 Resp: 1149
Ion Ratio Lower Upper
43 100
61 23.1 31.4 47.0
87 16.7 14.9 22.3

Manual Integrations
APPROVED

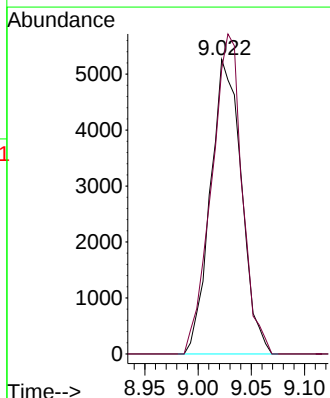
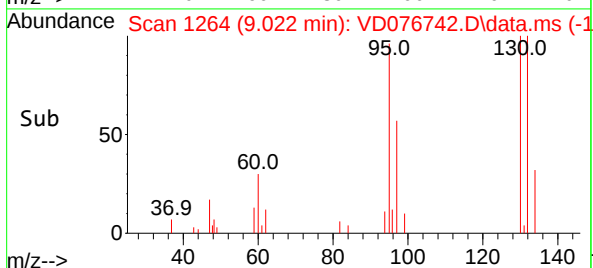
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

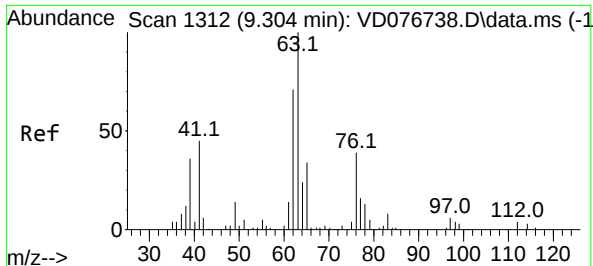


#44
Trichloroethene
Concen: 4.825 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



Tgt Ion:130 Resp: 10675
Ion Ratio Lower Upper
130 100
95 96.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 4.756 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. -0.005 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 996

Ion Ratio Lower Upper

63 100

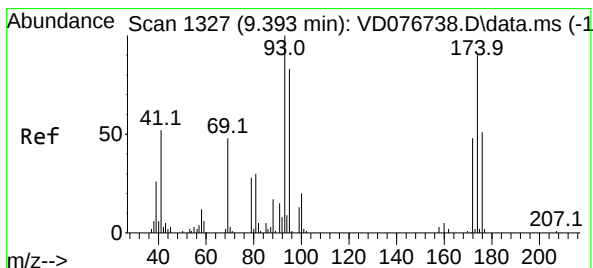
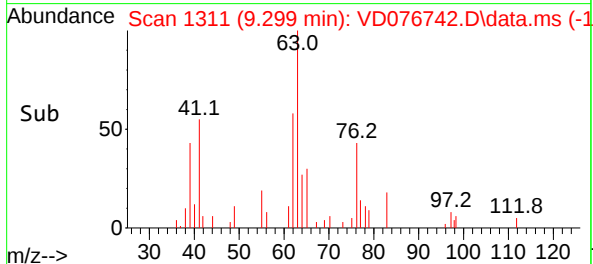
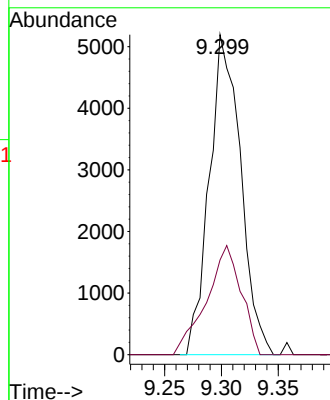
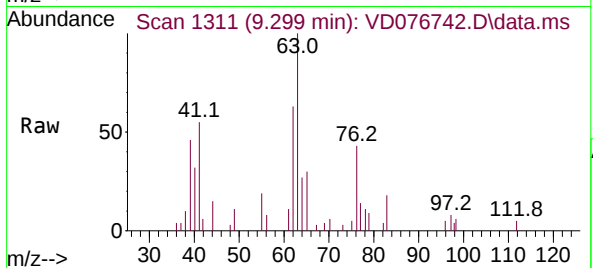
65 29.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#46

Dibromomethane

Concen: 4.686 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

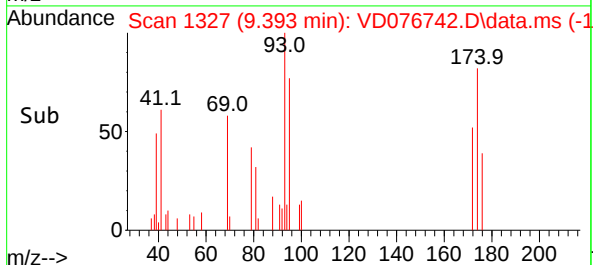
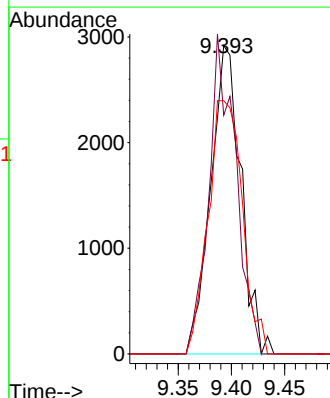
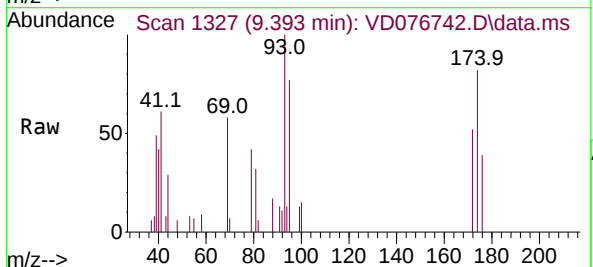
Tgt Ion: 93 Resp: 5749

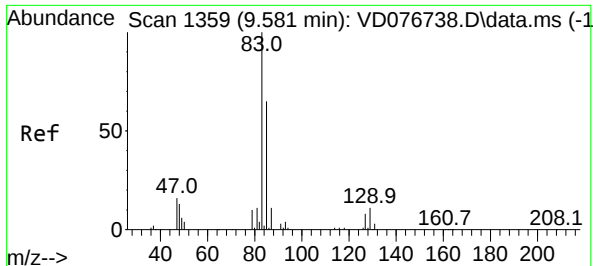
Ion Ratio Lower Upper

93 100

95 92.6 67.7 101.5

174 93.0 85.4 128.2





#47

Bromodichloromethane

Concen: 4.984 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

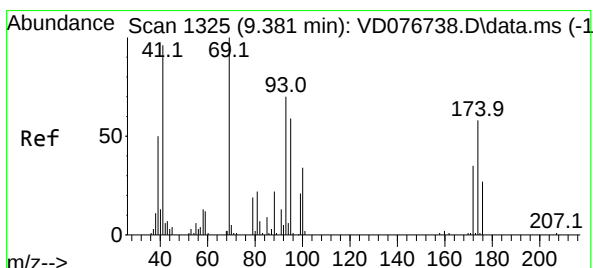
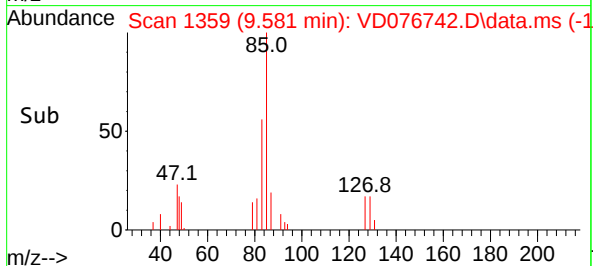
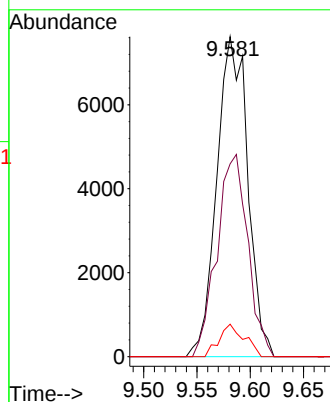
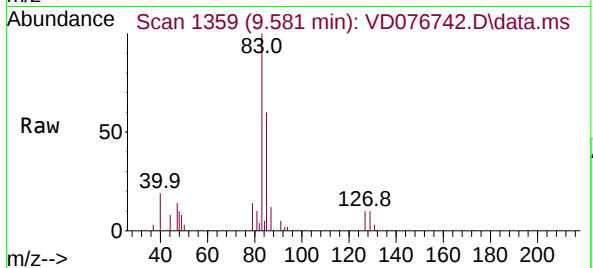
Tgt Ion:	83	Resp:	1534
Ion	Ratio	Lower	Upper
83	100		
85	60.2	50.2	75.4
127	10.1	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#48

Methyl methacrylate

Concen: 4.957 ug/l

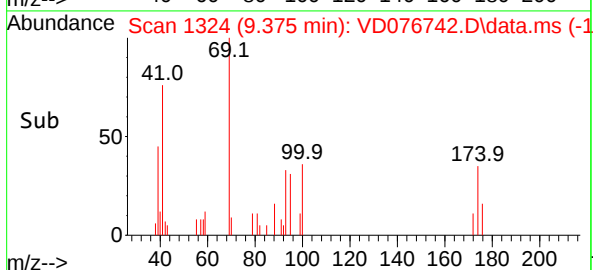
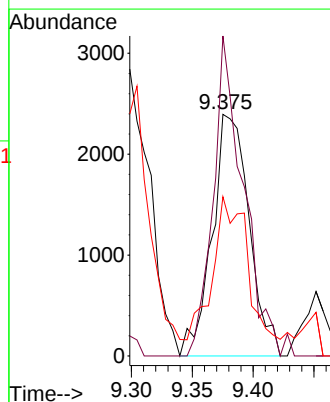
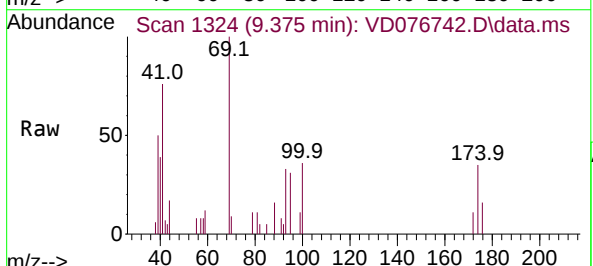
RT: 9.375 min Scan# 1324

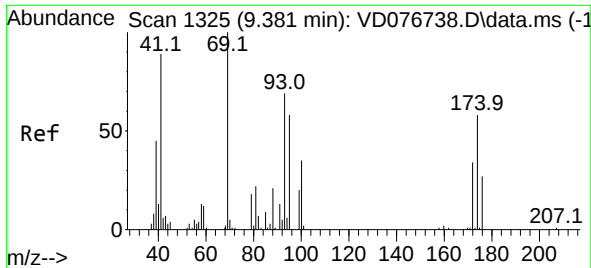
Delta R.T. -0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

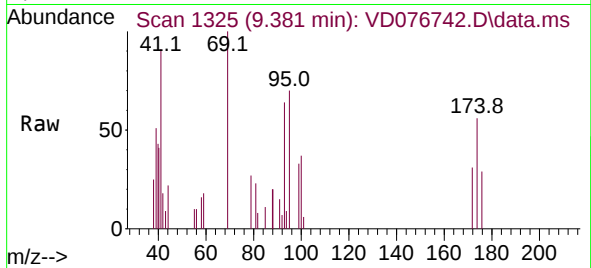
Tgt Ion:	41	Resp:	5067
Ion	Ratio	Lower	Upper
41	100		
69	108.7	102.2	153.2
39	67.2	41.4	62.2





#49
1,4-Dioxane
Concen: 106.244 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

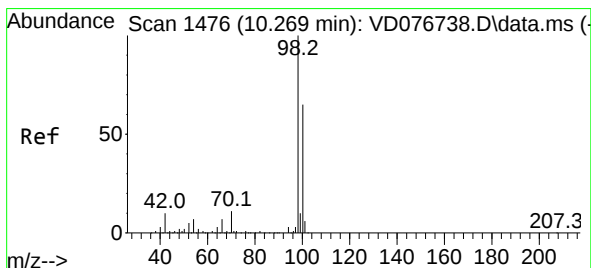
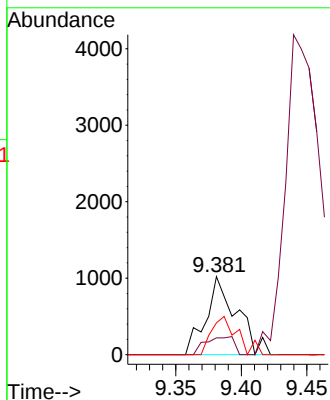
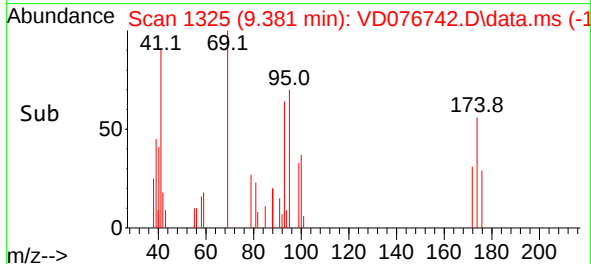
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



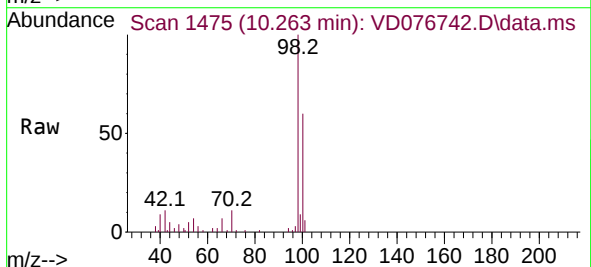
Tgt Ion: 88 Resp: 1670
Ion Ratio Lower Upper
88 100
43 21.2 19.0 28.6
58 41.0 43.5 65.3

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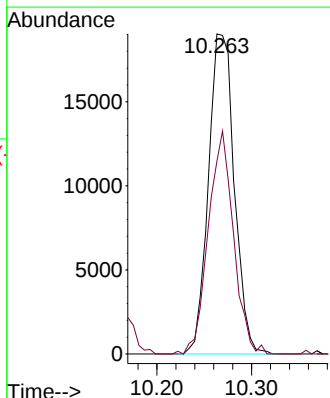
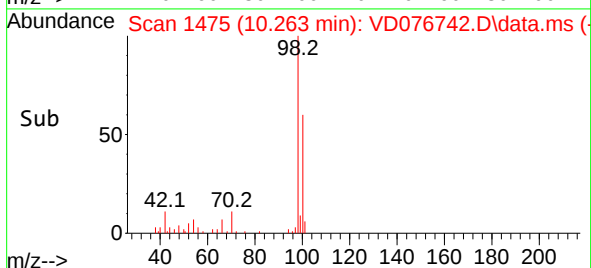
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

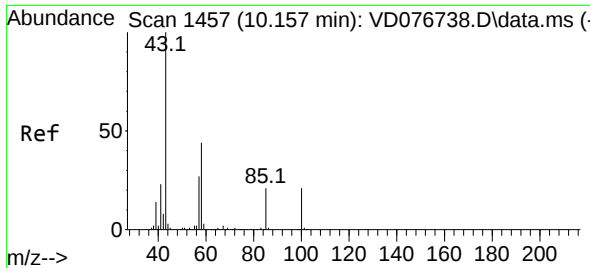


#50
Toluene-d8
Concen: 5.126 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



Tgt Ion: 98 Resp: 36113
Ion Ratio Lower Upper
98 100
100 67.6 50.3 75.5





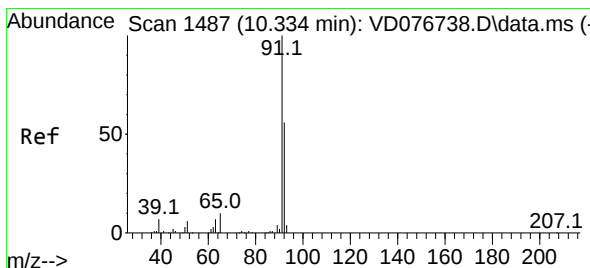
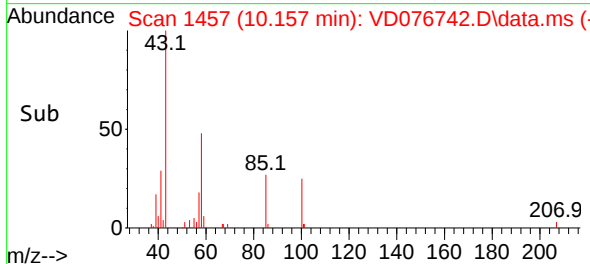
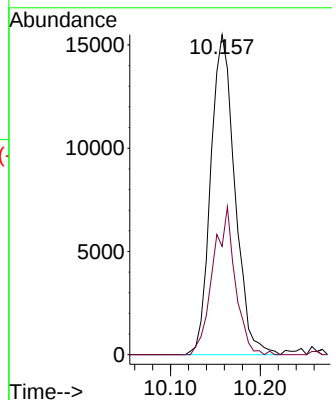
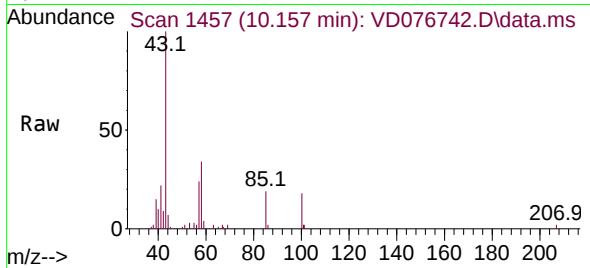
#51
4-Methyl-2-Pentanone
Concen: 24.252 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion: 43 Resp: 2900
Ion Ratio Lower Upper
43 100
58 42.5 38.9 58.3

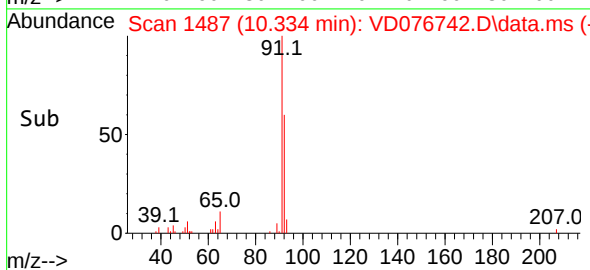
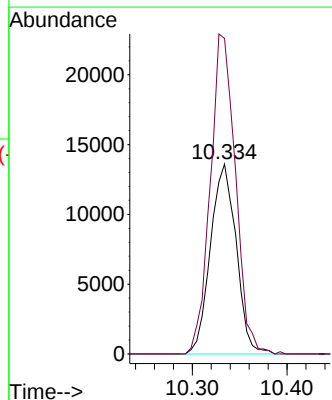
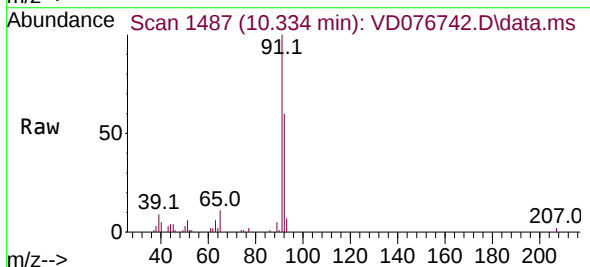
Manual Integrations
APPROVED

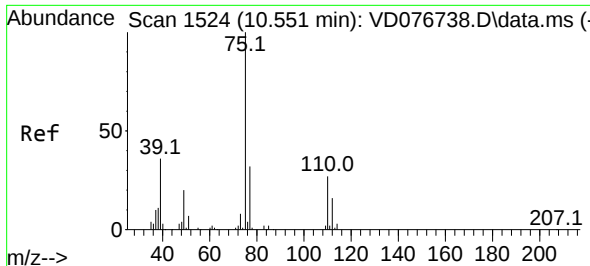
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Toluene
Concen: 4.815 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 92 Resp: 25679
Ion Ratio Lower Upper
92 100
91 164.7 143.0 214.4





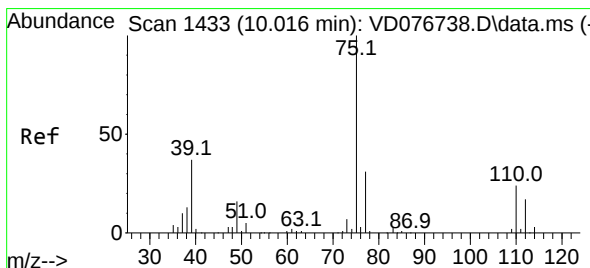
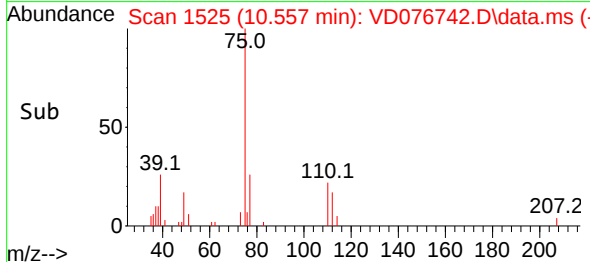
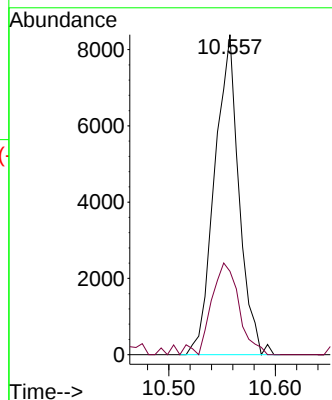
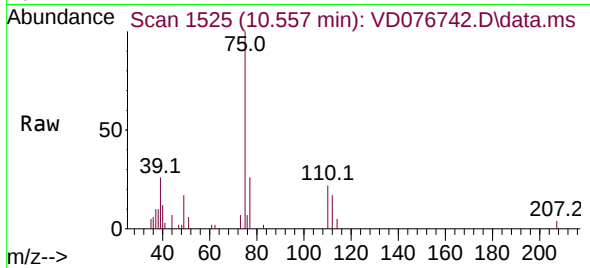
#53
t-1,3-Dichloropropene
Concen: 4.661 ug/l
RT: 10.557 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 13318
Ion Ratio Lower Upper
75 100
77 26.0 25.3 37.9

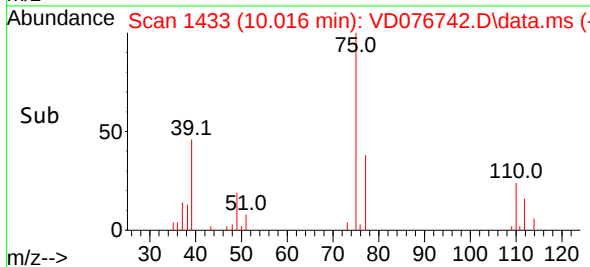
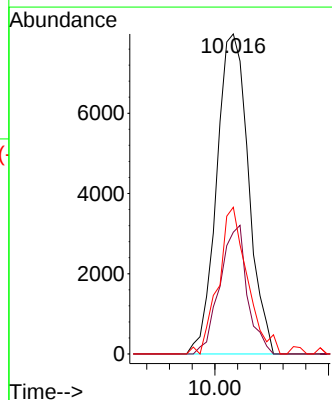
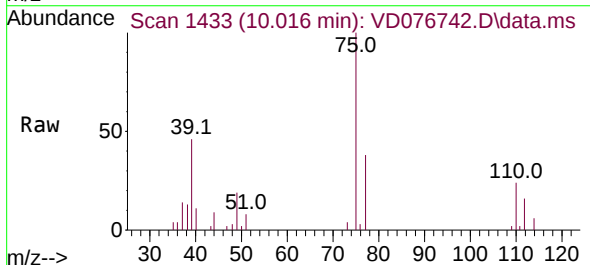
Manual Integrations
APPROVED

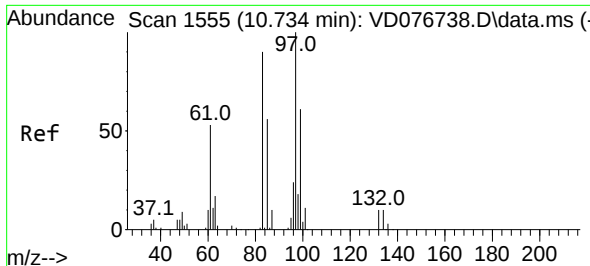
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#54
cis-1,3-Dichloropropene
Concen: 4.598 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

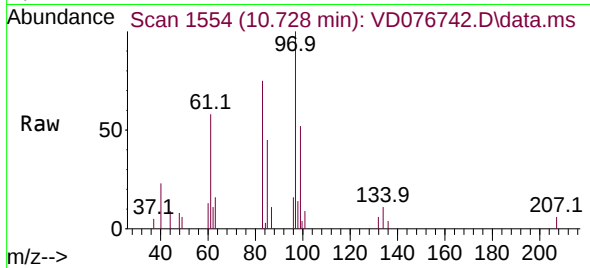
Tgt Ion: 75 Resp: 15486
Ion Ratio Lower Upper
75 100
77 38.0 25.5 38.3
39 45.8 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 4.865 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

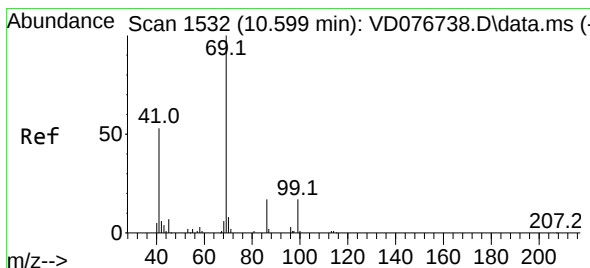
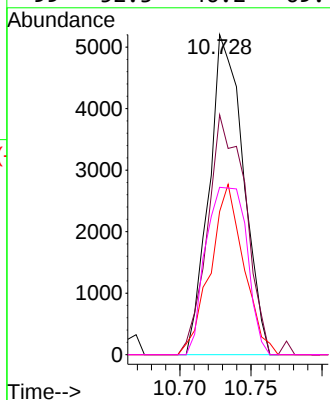
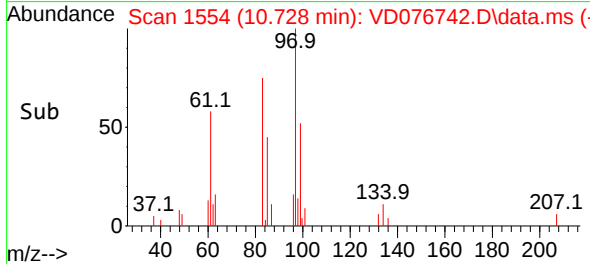
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



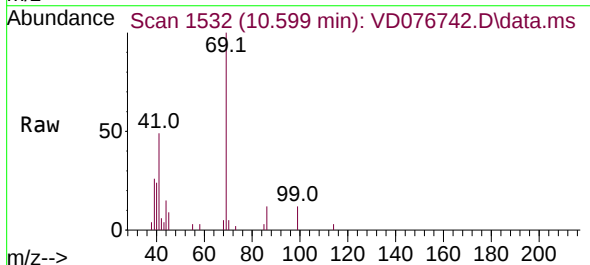
Tgt Ion:	97	Ratio	100	Lower	65.8	Upper	98.6
83	75.0						
85	44.7						
99	52.3						

Manual Integrations
APPROVED

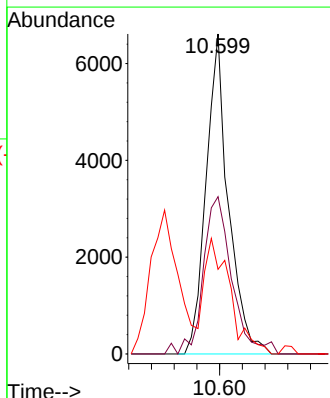
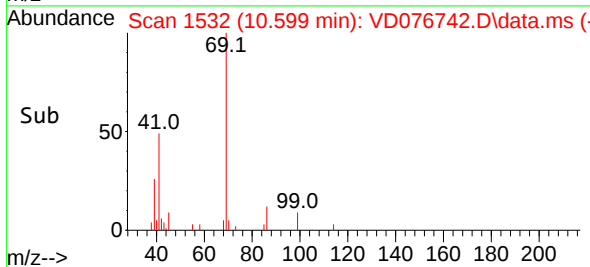
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

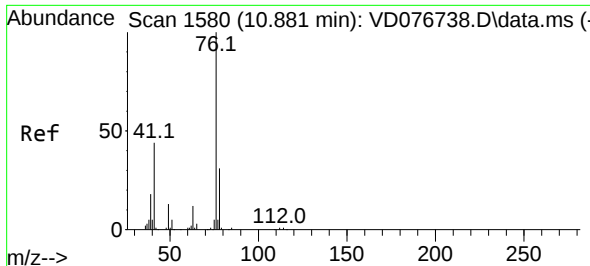


#56
Ethyl methacrylate
Concen: 4.362 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



Tgt Ion:	69	Ratio	100	Lower	39.1	Upper	58.7#
41	63.0						
39	41.5						





#57

1,3-Dichloropropane

Concen: 4.957 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDIC005

Tgt Ion: 76 Resp: 1446

Ion Ratio Lower Upper

76 100

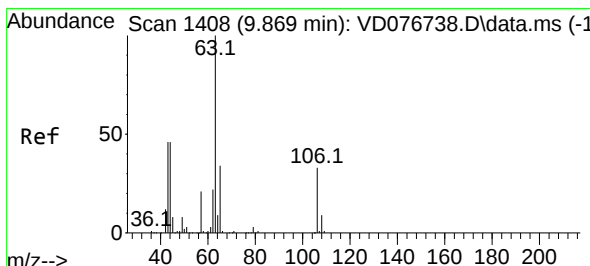
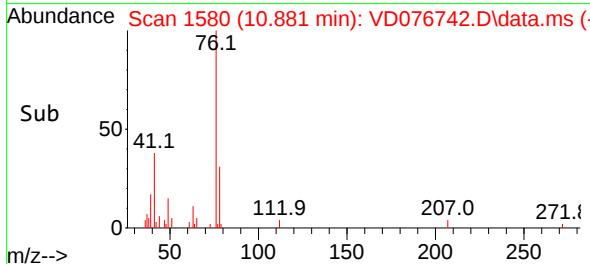
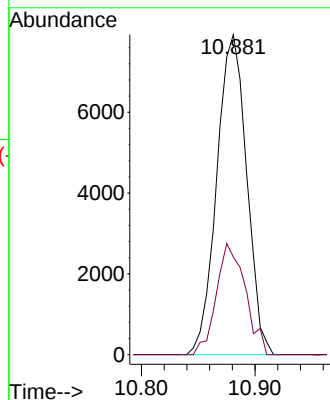
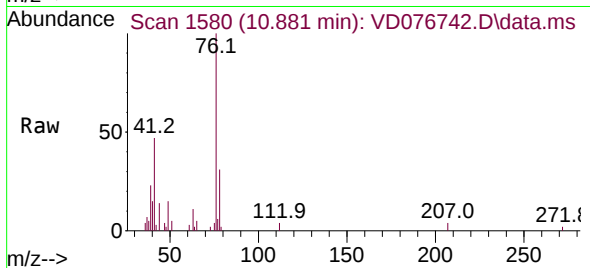
78 33.7 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#58

2-Chloroethyl Vinyl ether

Concen: 25.733 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076742.D

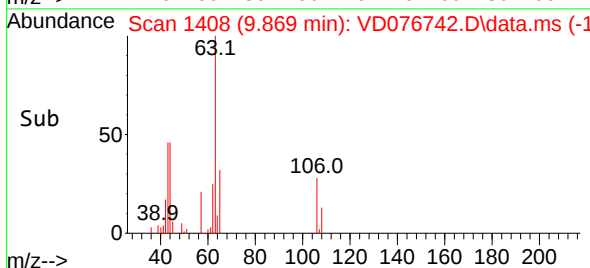
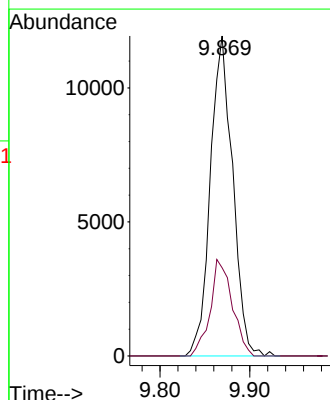
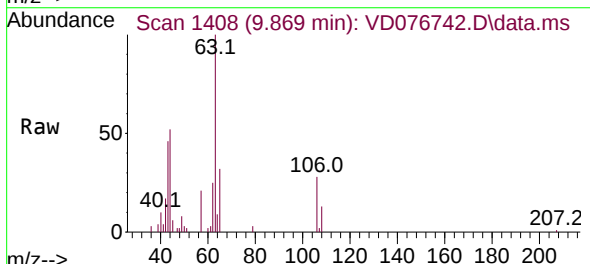
Acq: 14 Jul 2023 15:57

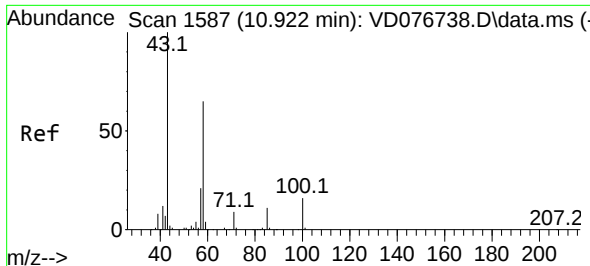
Tgt Ion: 63 Resp: 20596

Ion Ratio Lower Upper

63 100

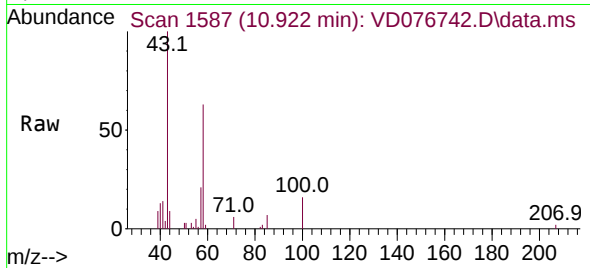
106 29.8 25.3 37.9





#59
2-Hexanone
Concen: 24.679 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

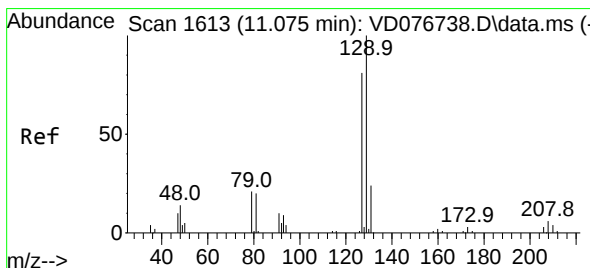
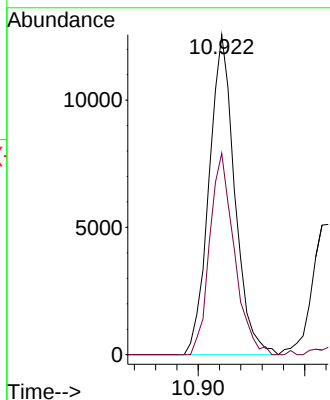
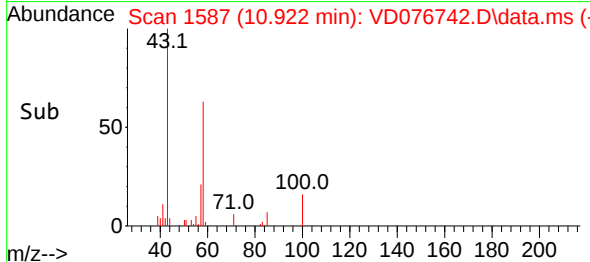
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 43 Resp: 21058
Ion Ratio Lower Upper
43 100
58 60.1 34.1 102.2

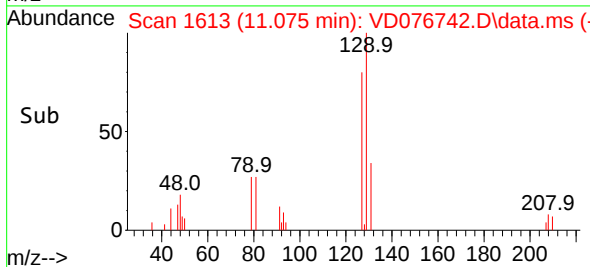
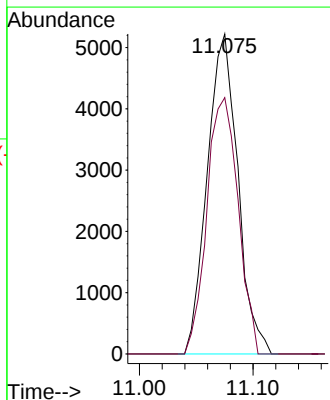
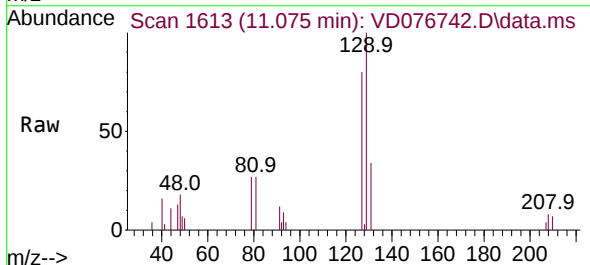
Manual Integrations
APPROVED

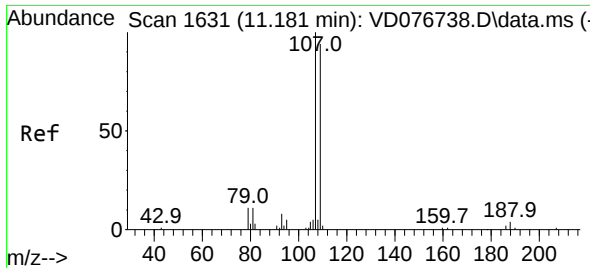
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#60
Dibromochloromethane
Concen: 4.692 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:129 Resp: 9764
Ion Ratio Lower Upper
129 100
127 81.8 37.1 111.5





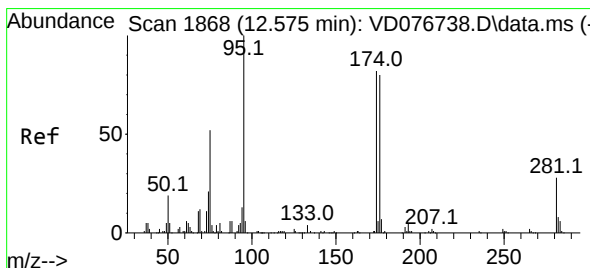
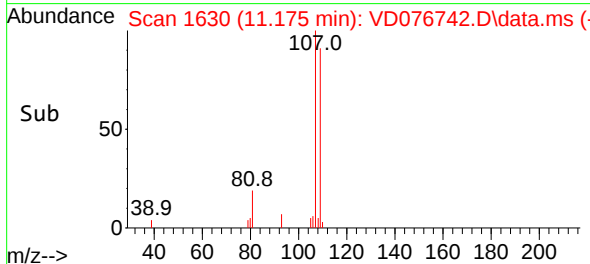
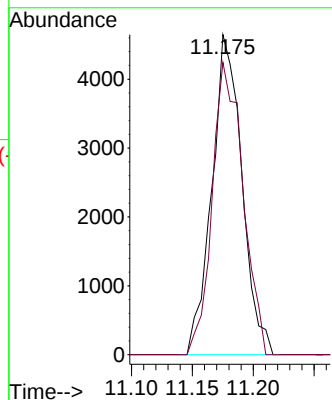
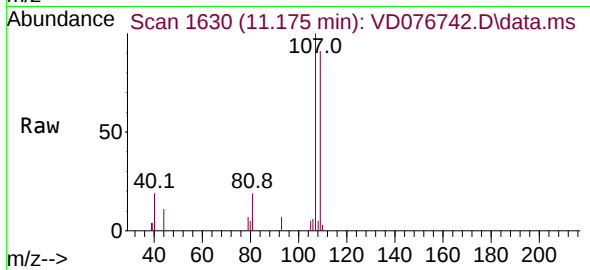
#61
1,2-Dibromoethane
Concen: 4.795 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:107 Resp: 7964
Ion Ratio Lower Upper
107 100
109 93.3 75.6 113.4

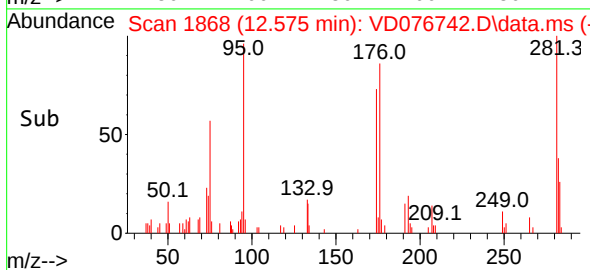
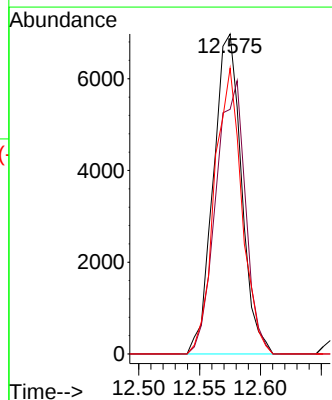
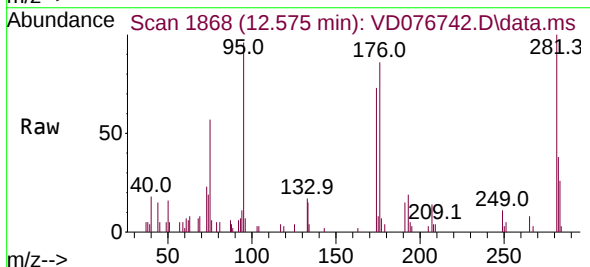
Manual Integrations
APPROVED

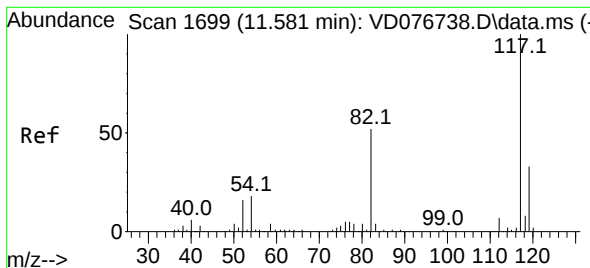
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#62
4-Bromofluorobenzene
Concen: 4.905 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

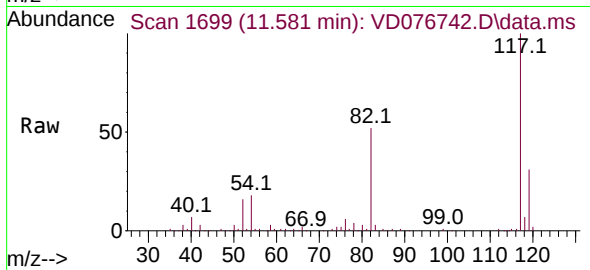
Tgt Ion: 95 Resp: 11178
Ion Ratio Lower Upper
95 100
174 89.6 0.0 201.8
176 87.2 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

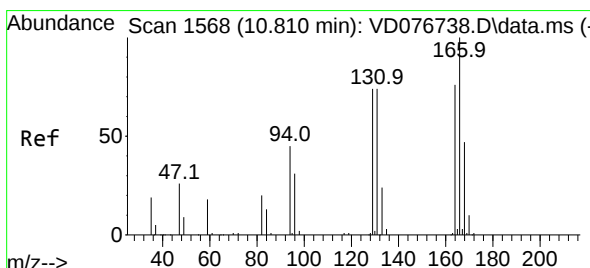
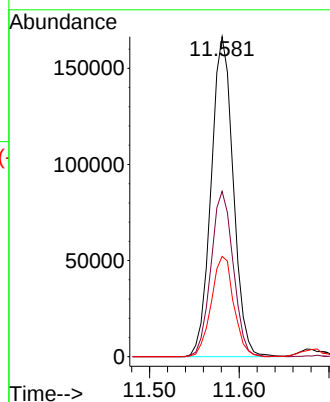
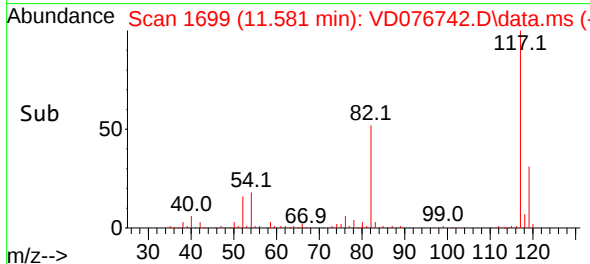
Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005



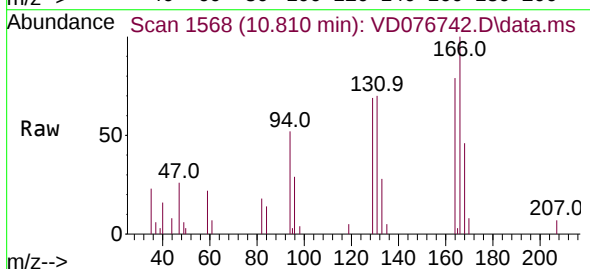
Tgt Ion:117 Resp: 284998
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 31.3 25.0 37.4

Manual Integrations
APPROVED

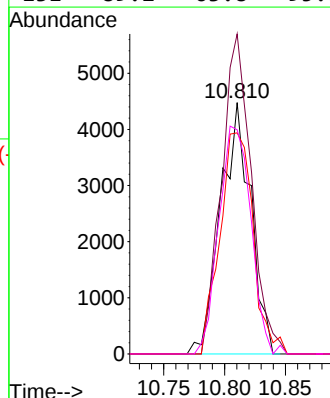
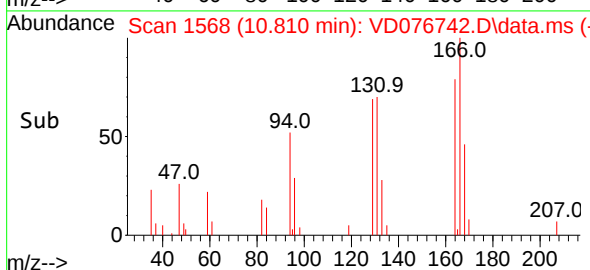
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

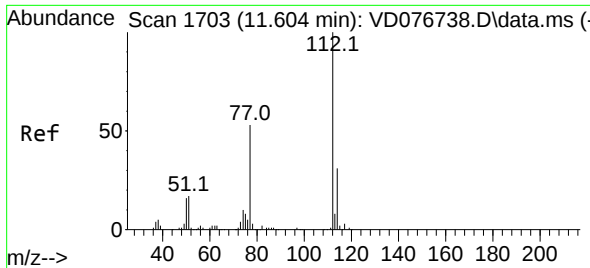


#64
Tetrachloroethene
Concen: 4.753 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57



Tgt Ion:164 Resp: 7724
Ion Ratio Lower Upper
164 100
166 127.3 99.2 148.8
129 88.0 68.4 102.6
131 89.2 63.8 95.8





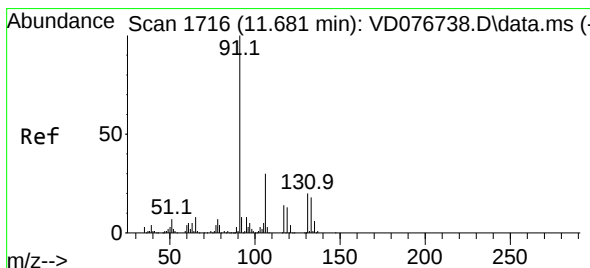
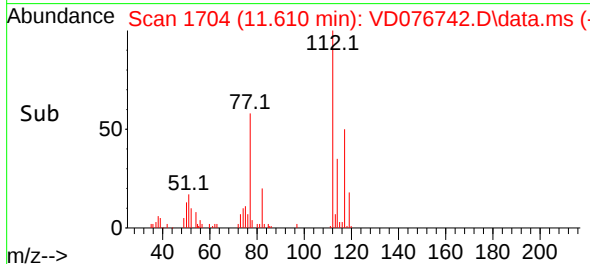
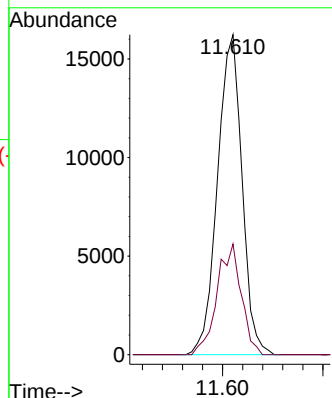
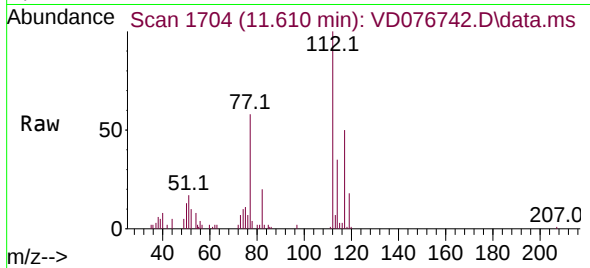
#65
Chlorobenzene
Concen: 4.800 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:112 Resp: 2751
Ion Ratio Lower Upper
112 100
114 34.6 25.1 37.7

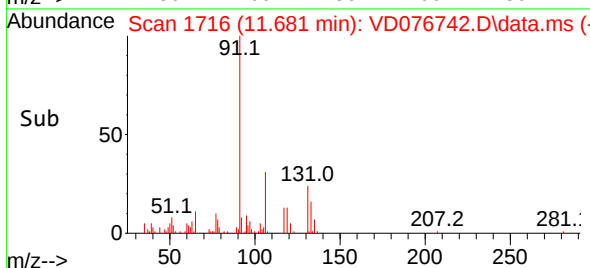
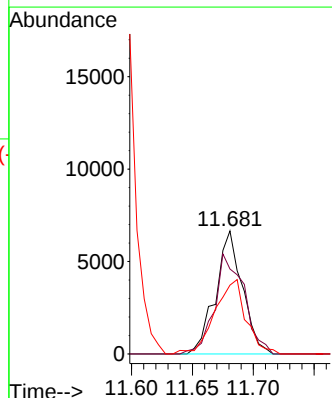
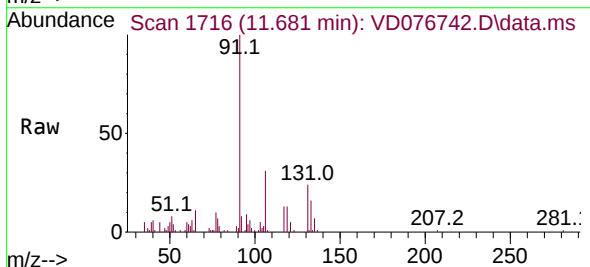
Manual Integrations
APPROVED

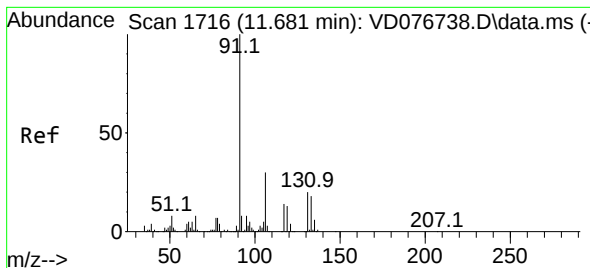
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 4.795 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:131 Resp: 10233
Ion Ratio Lower Upper
131 100
133 89.3 48.5 145.5
119 70.0 35.6 106.9





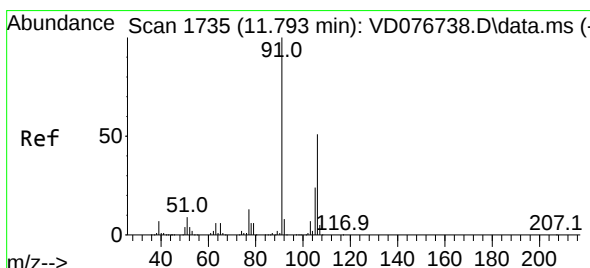
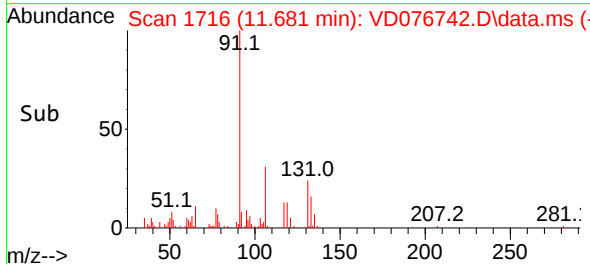
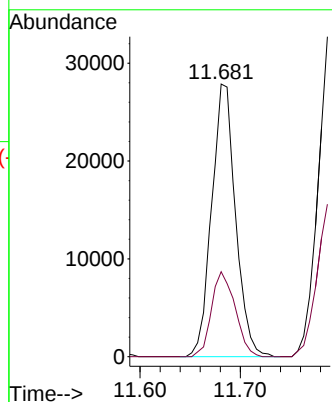
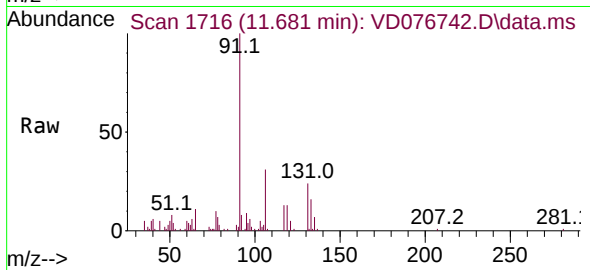
#67
Ethyl Benzene
Concen: 4.586 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 46160
Ion Ratio Lower Upper
91 100
106 31.1 26.5 39.7

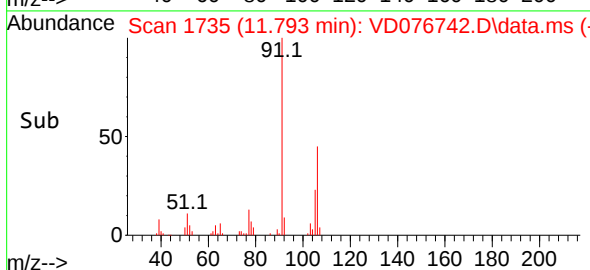
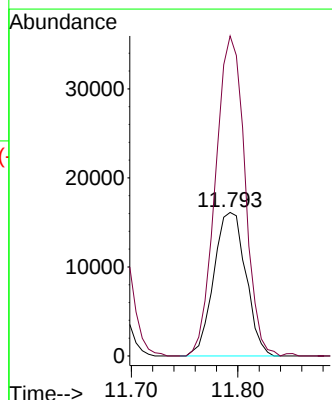
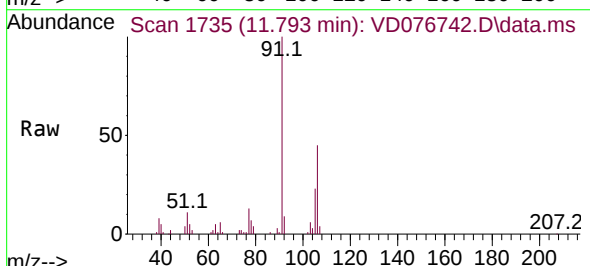
Manual Integrations
APPROVED

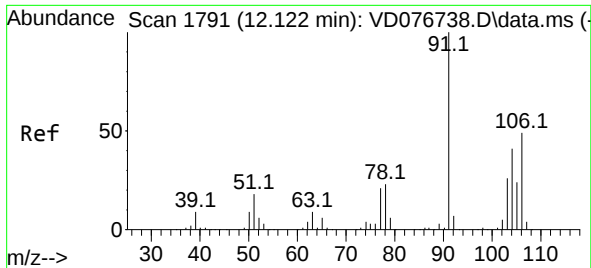
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#68
m/p-Xylenes
Concen: 8.727 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:106 Resp: 33741
Ion Ratio Lower Upper
106 100
91 204.6 147.0 220.6





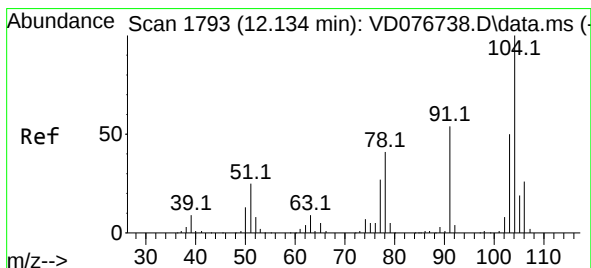
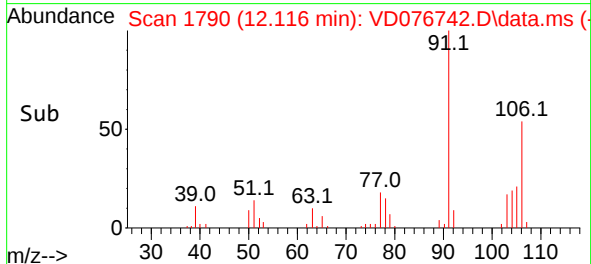
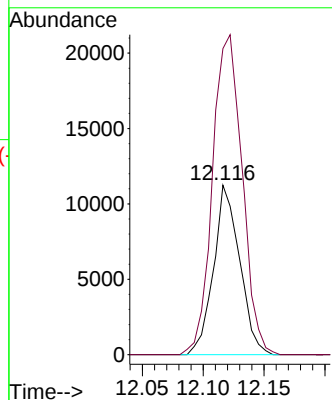
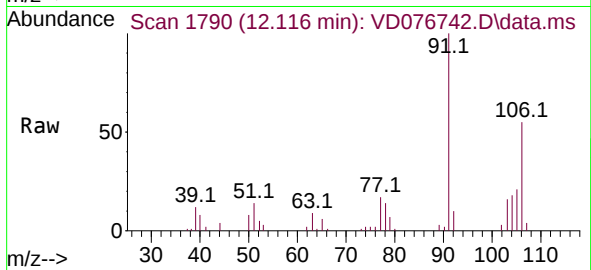
#69
o-Xylene
Concen: 4.490 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 16785
Ion Ratio Lower Upper
106 100
91 214.5 97.9 293.6

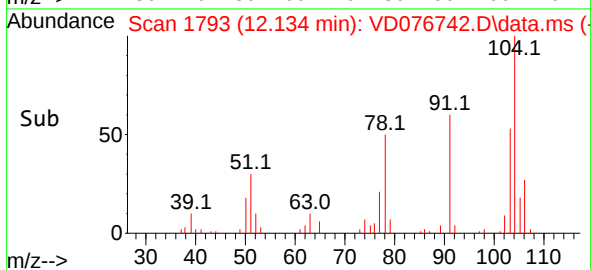
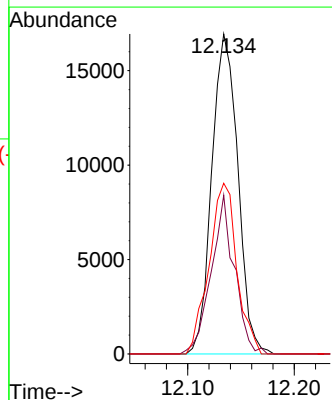
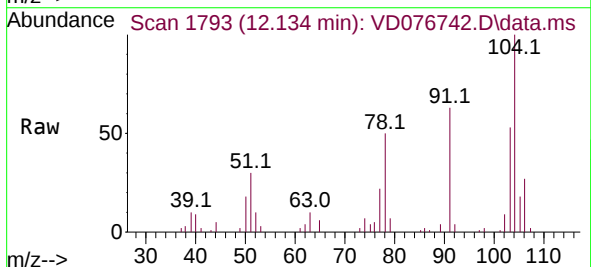
Manual Integrations
APPROVED

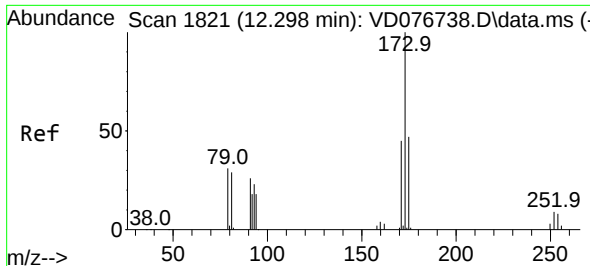
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#70
Styrene
Concen: 4.392 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

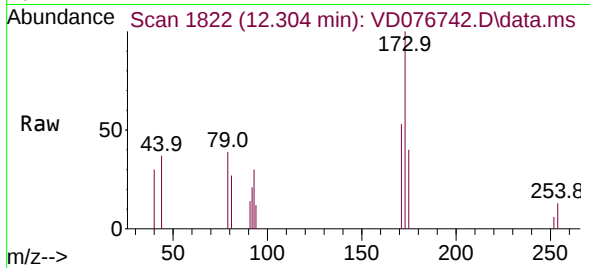
Tgt Ion:104 Resp: 28743
Ion Ratio Lower Upper
104 100
78 44.3 33.2 49.8
103 57.1 43.6 65.4





#71
Bromoform
Concen: 4.492 ug/l
RT: 12.304 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

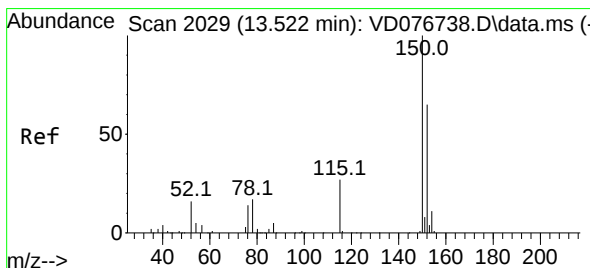
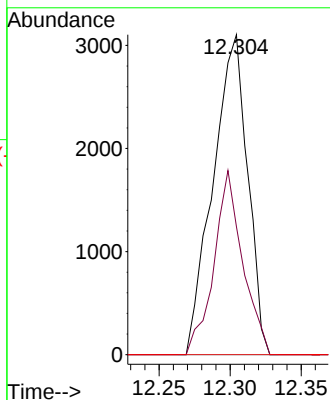
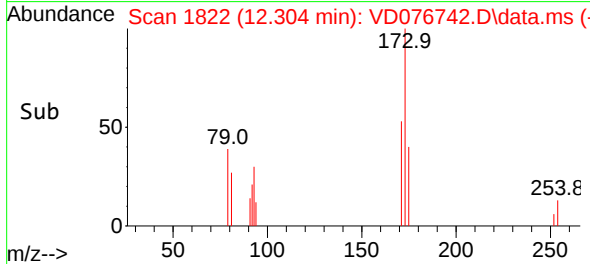
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion:173 Resp: 5250
Ion Ratio Lower Upper
173 100
175 47.8 24.6 73.8
254 0.0 0.0 0.0

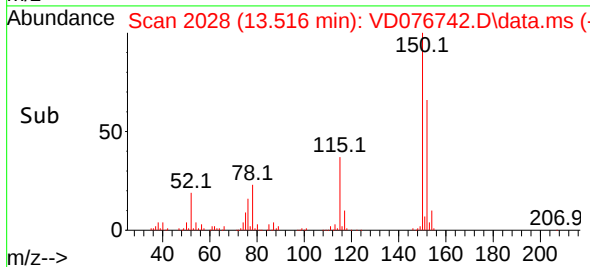
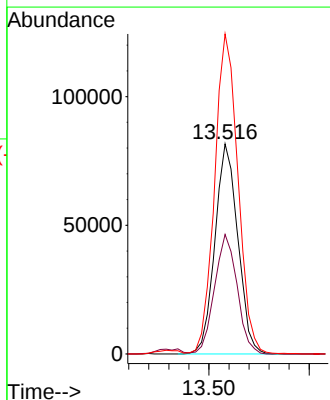
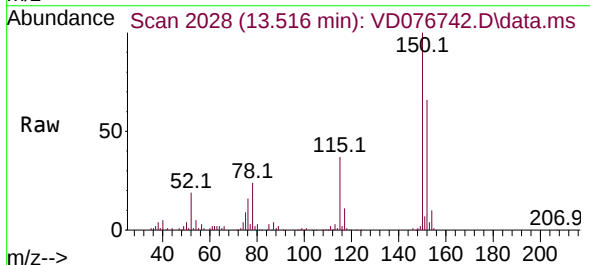
Manual Integrations
APPROVED

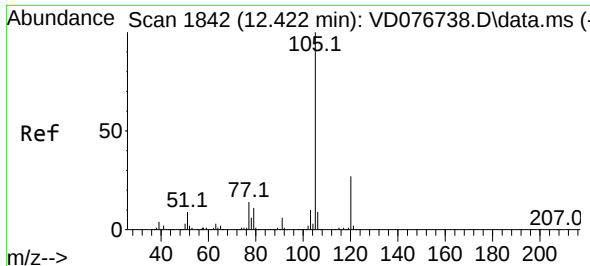
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:152 Resp: 129052
Ion Ratio Lower Upper
152 100
115 56.2 27.1 81.3
150 155.8 0.0 353.6





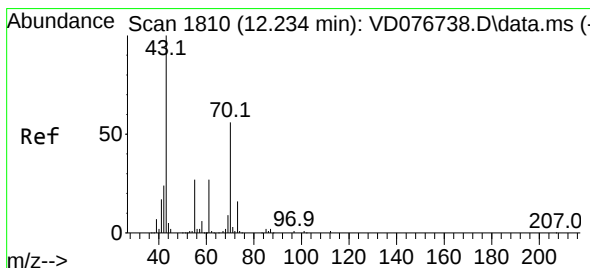
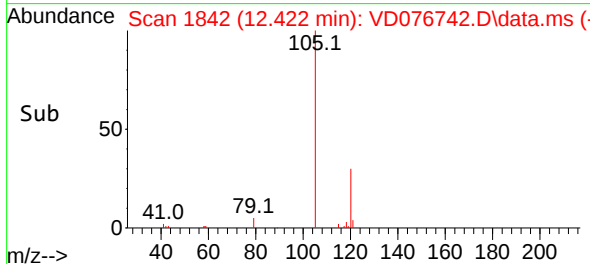
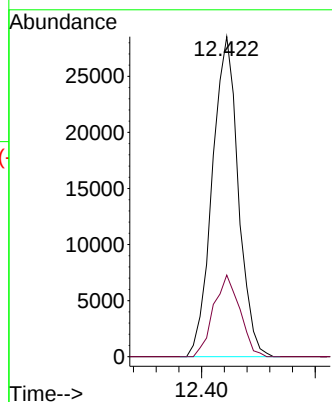
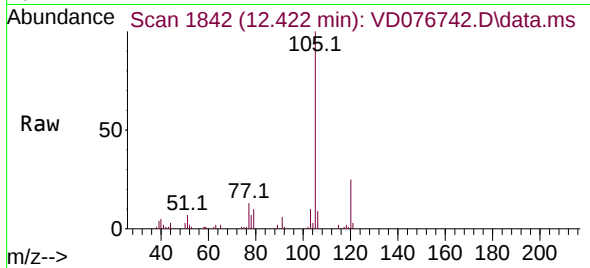
#73
Isopropylbenzene
Concen: 4.852 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:105 Resp: 4543
Ion Ratio Lower Upper
105 100
120 25.7 14.3 42.9

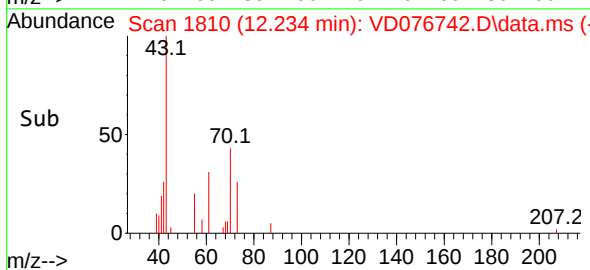
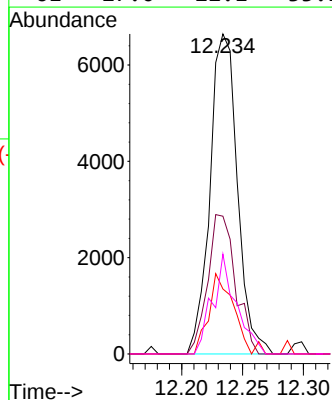
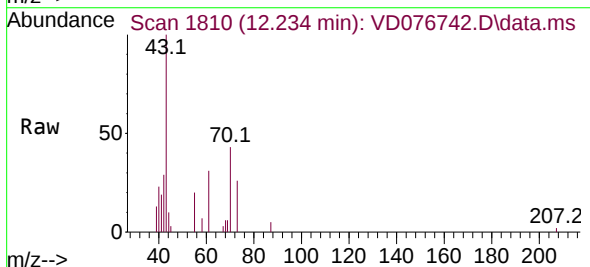
Manual Integrations
APPROVED

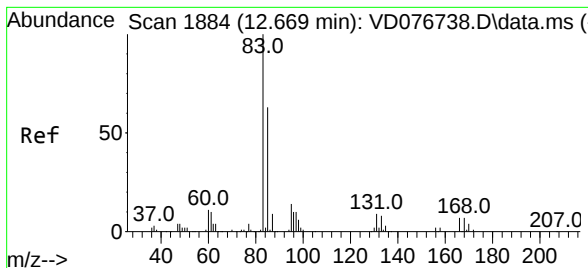
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#74
N-ethyl acetate
Concen: 5.276 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 43 Resp: 10406
Ion Ratio Lower Upper
43 100
70 44.2 45.0 67.4#
55 23.1 23.8 35.6#
61 27.0 22.1 33.1





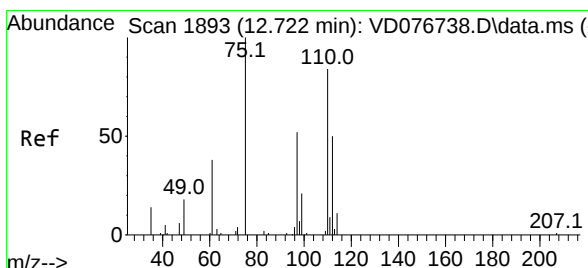
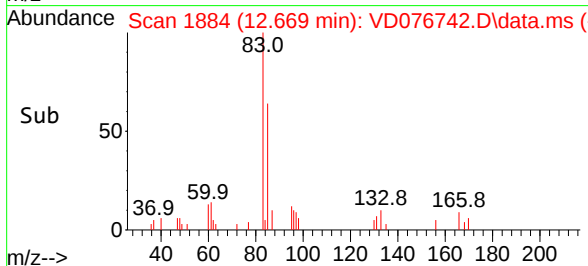
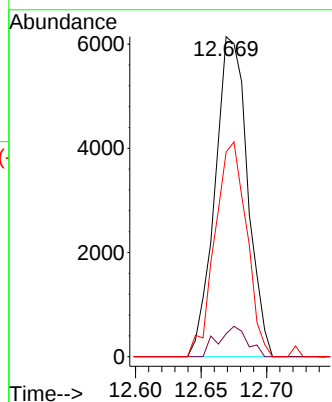
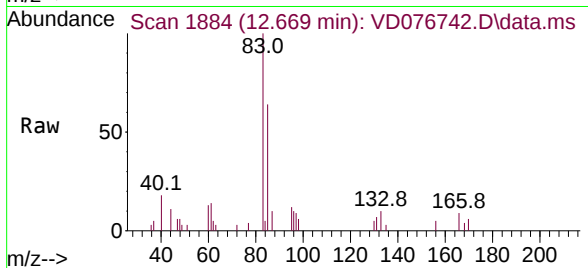
#75
1,1,2,2-Tetrachloroethane
Concen: 5.270 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 10594
Ion Ratio Lower Upper
83 100
131 8.6 5.1 15.3
85 65.2 32.6 97.8

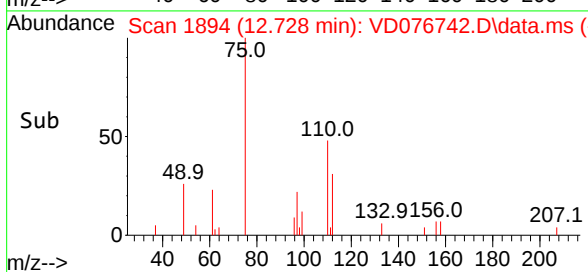
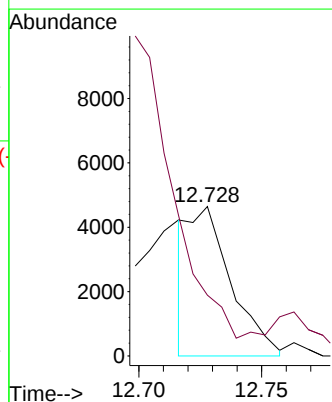
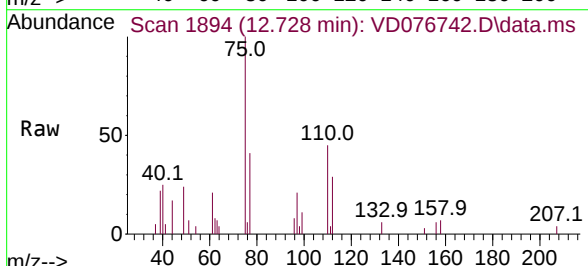
Manual Integrations
APPROVED

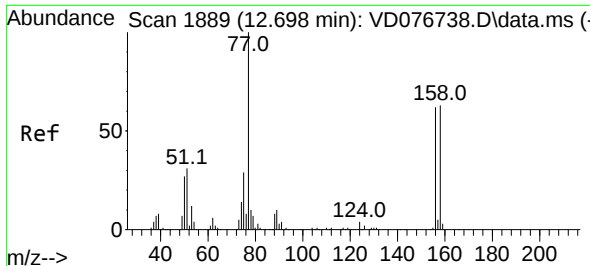
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#76
1,2,3-Trichloropropane
Concen: 4.324 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 75 Resp: 5545
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





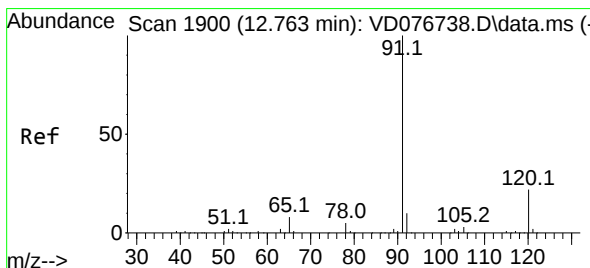
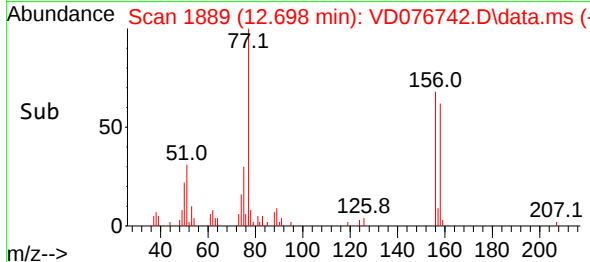
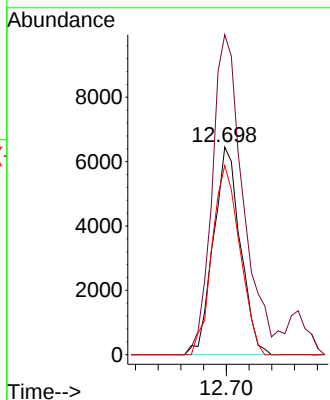
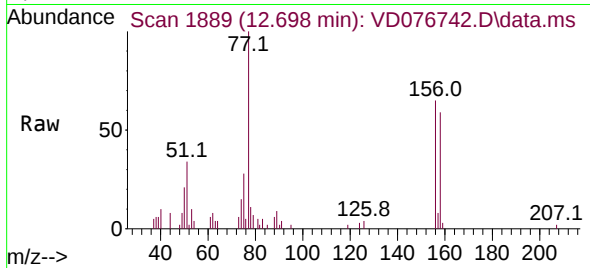
#77
Bromobenzene
Concen: 4.921 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Tgt Ion:156 Resp: 10630
Ion Ratio Lower Upper
156 100
77 180.8 76.8 230.4
158 94.0 48.6 145.9

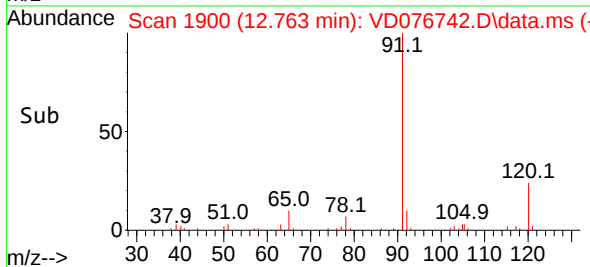
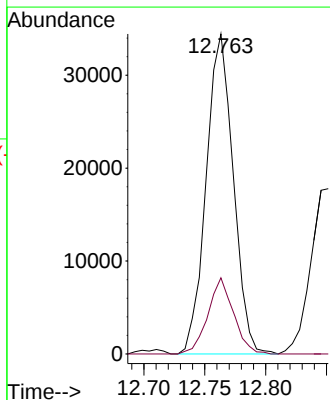
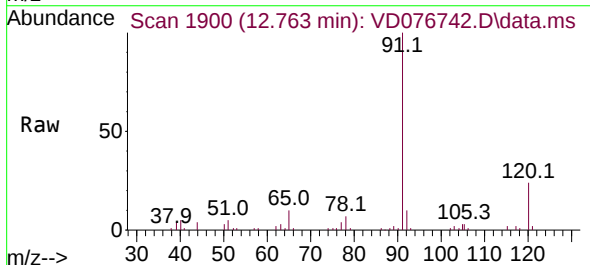
Manual Integrations
APPROVED

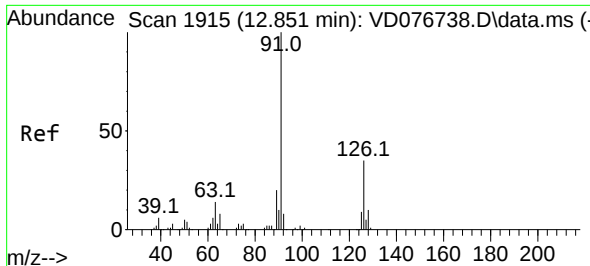
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#78
n-propylbenzene
Concen: 4.706 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 91 Resp: 53417
Ion Ratio Lower Upper
91 100
120 22.4 12.4 37.2





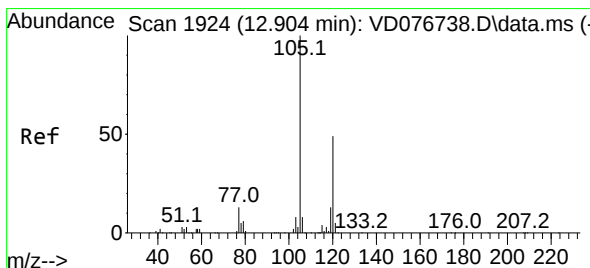
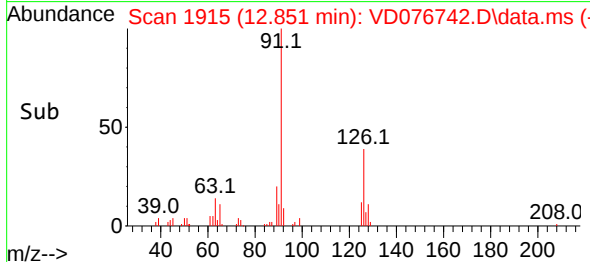
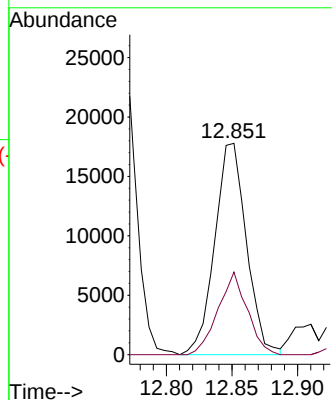
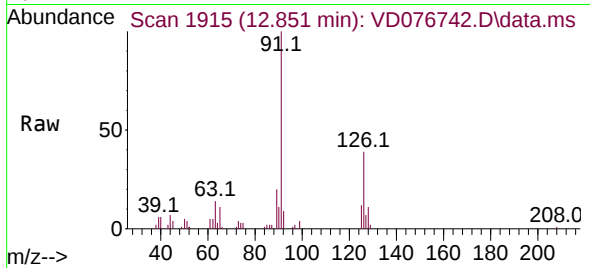
#79
2-Chlorotoluene
Concen: 4.812 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 2994
Ion Ratio Lower Upper
91 100
126 36.0 19.4 58.1

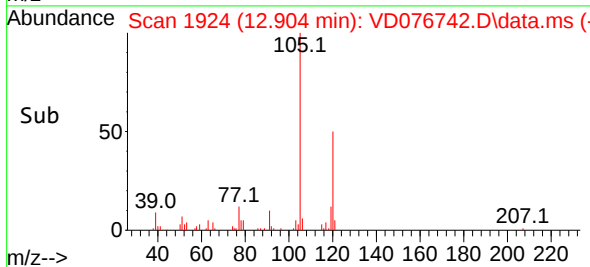
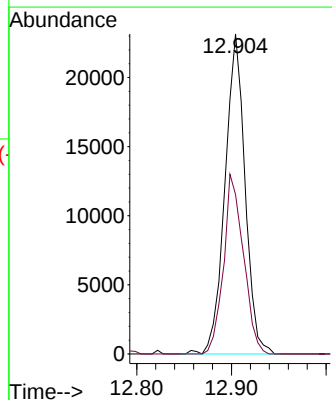
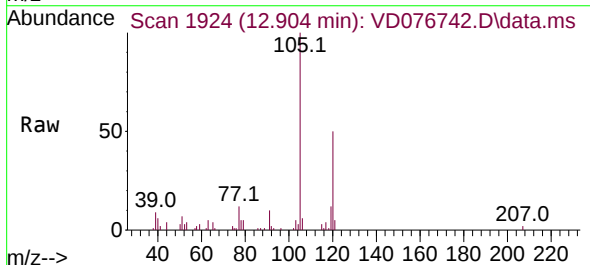
Manual Integrations
APPROVED

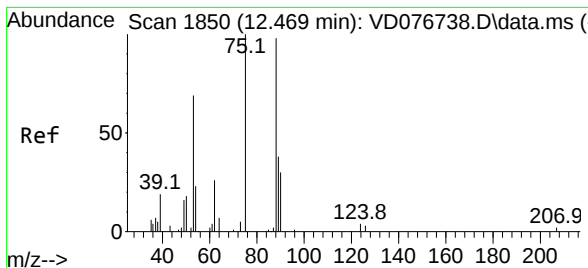
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#80
1,3,5-Trimethylbenzene
Concen: 4.502 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

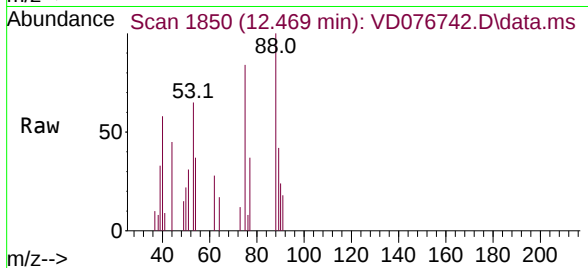
Tgt Ion:105 Resp: 34084
Ion Ratio Lower Upper
105 100
120 55.5 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.502 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

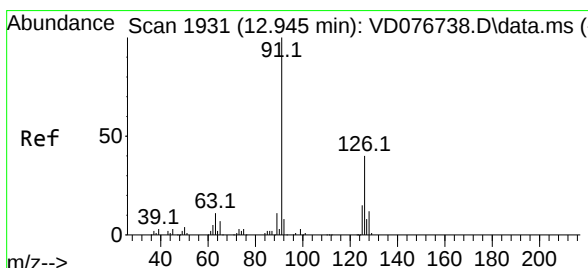
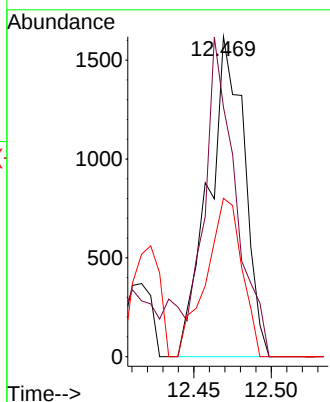
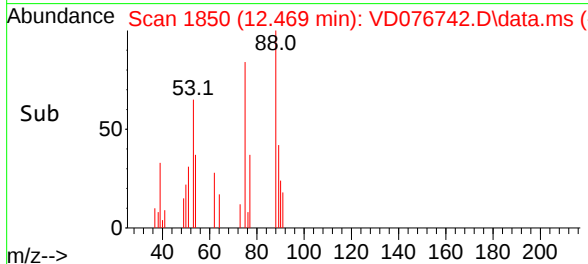
Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005



Tgt Ion: 75 Resp: 2590
Ion Ratio Lower Upper
75 100
53 84.6 63.0 94.4
89 49.6 37.9 56.9

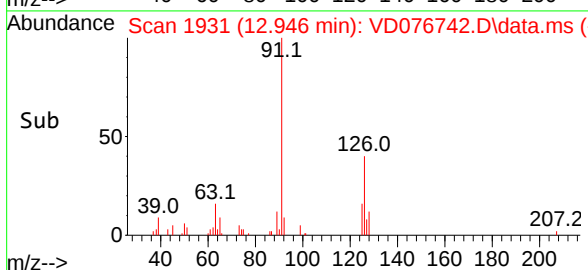
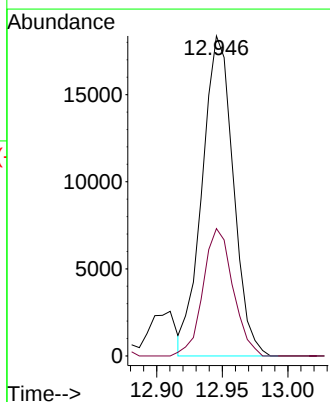
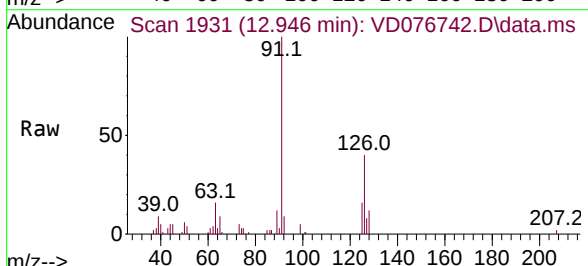
Manual Integrations
APPROVED

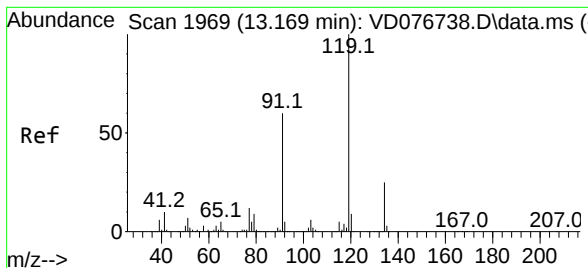
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#82
4-Chlorotoluene
Concen: 4.670 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.001 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 91 Resp: 30363
Ion Ratio Lower Upper
91 100
126 38.3 19.4 58.4





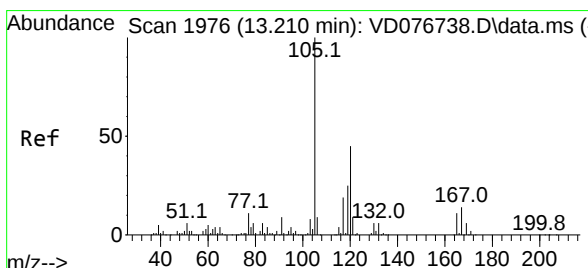
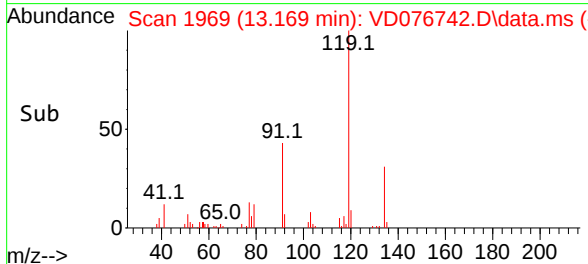
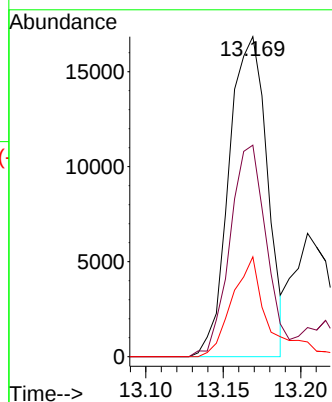
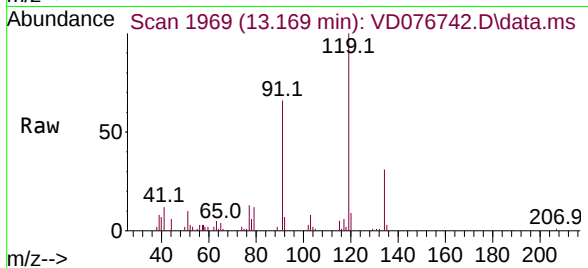
#83
tert-Butylbenzene
Concen: 4.330 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 28864
Ion Ratio Lower Upper
119 100
91 63.2 29.3 87.8
134 29.4 14.1 42.3

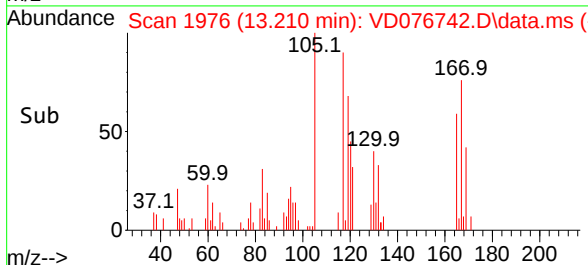
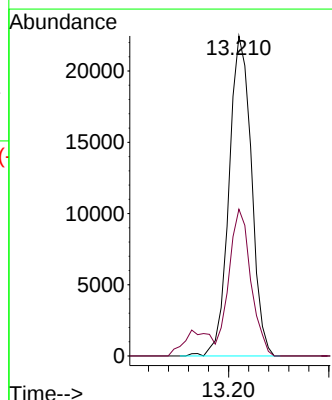
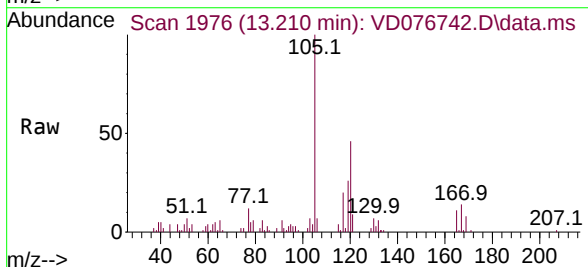
Manual Integrations
APPROVED

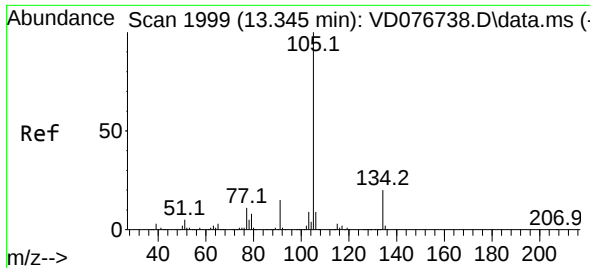
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#84
1,2,4-Trimethylbenzene
Concen: 4.501 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:105 Resp: 34826
Ion Ratio Lower Upper
105 100
120 44.8 24.3 72.9





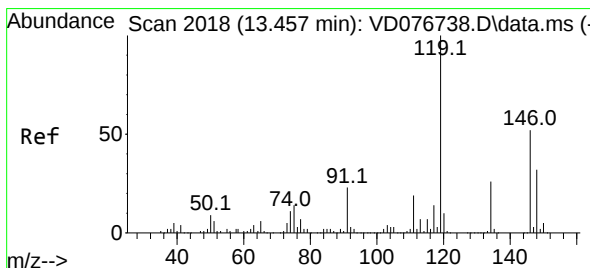
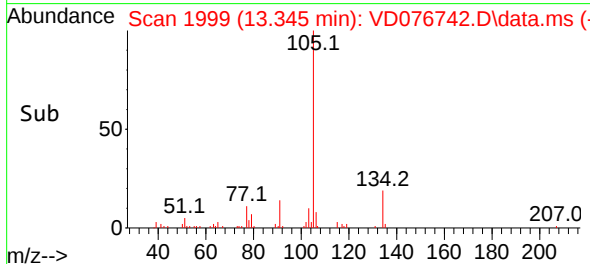
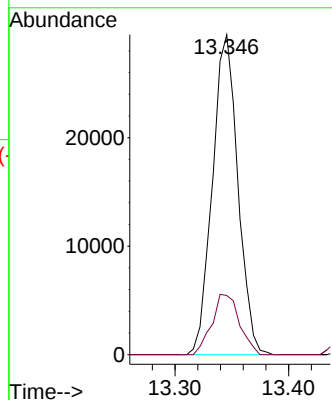
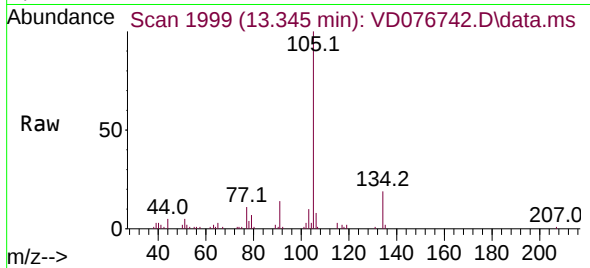
#85
 sec-Butylbenzene
 Concen: 4.511 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC005

Tgt Ion:105 Resp: 45939
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9

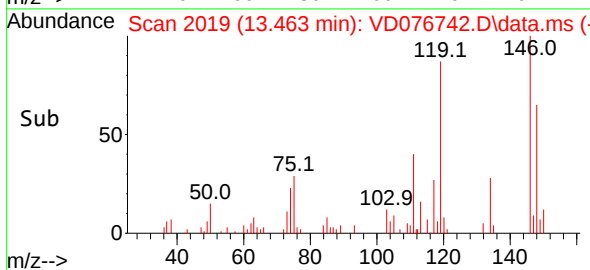
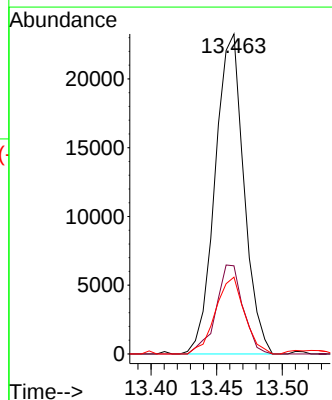
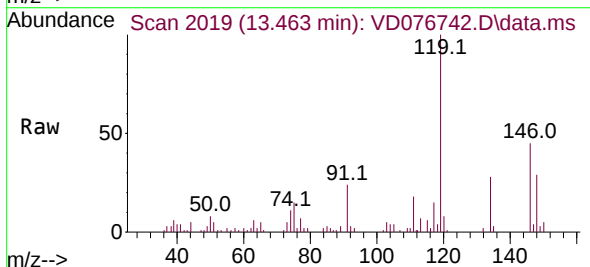
Manual Integrations
 APPROVED

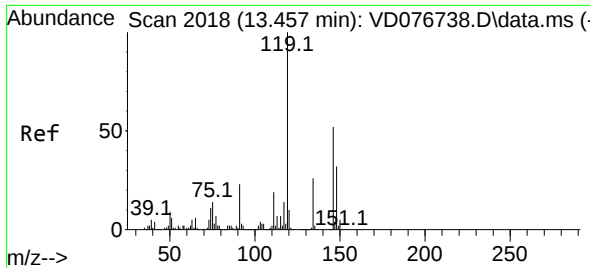
Reviewed By :John Carlone 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#86
 p-Isopropyltoluene
 Concen: 4.218 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD076742.D
 Acq: 14 Jul 2023 15:57

Tgt Ion:119 Resp: 35479
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 24.2 10.5 31.5





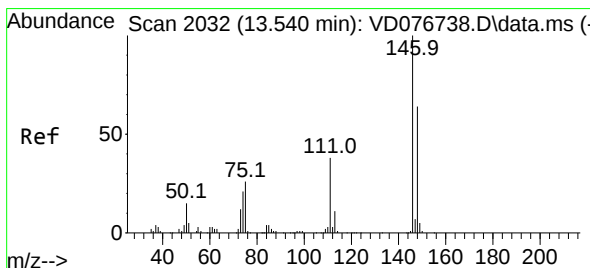
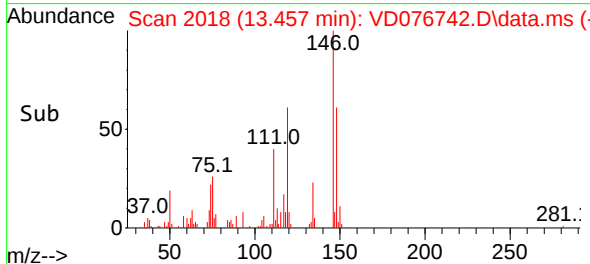
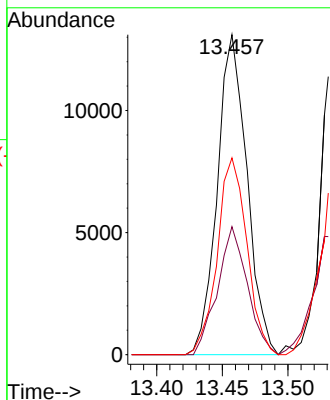
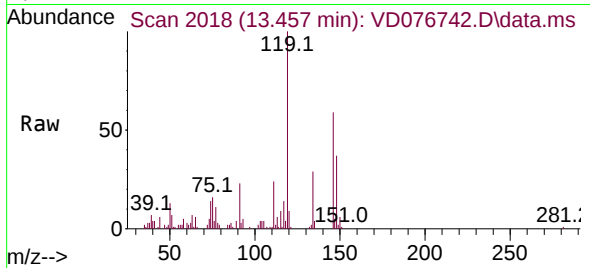
#87
1,3-Dichlorobenzene
Concen: 4.637 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 2061
Ion Ratio Lower Upper
146 100
111 40.3 17.9 53.8
148 61.5 32.3 96.8

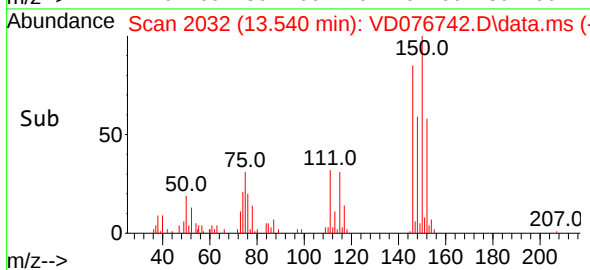
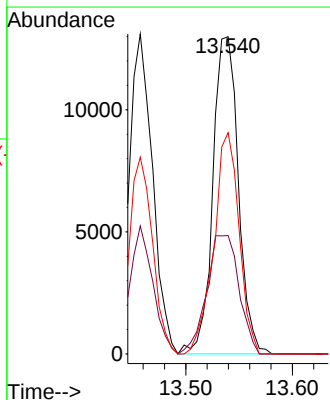
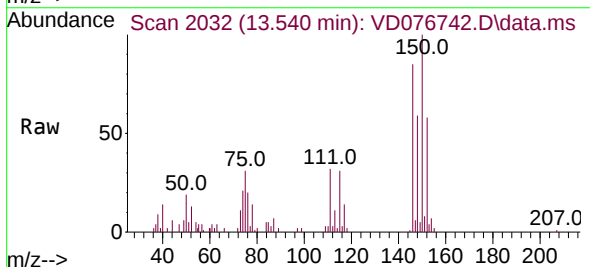
Manual Integrations
APPROVED

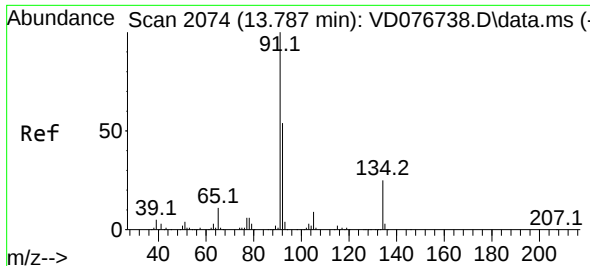
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#88
1,4-Dichlorobenzene
Concen: 4.946 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:146 Resp: 21541
Ion Ratio Lower Upper
146 100
111 47.4 17.4 52.3
148 69.3 31.7 95.1





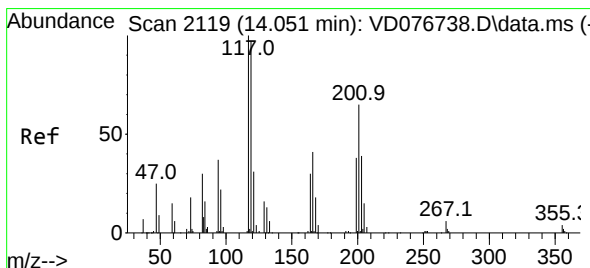
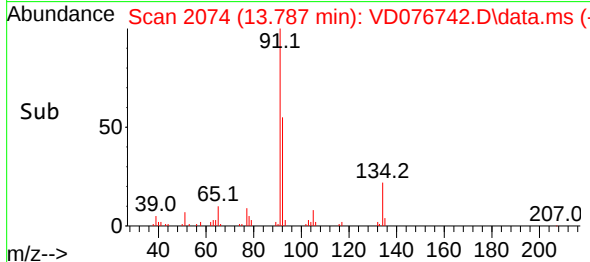
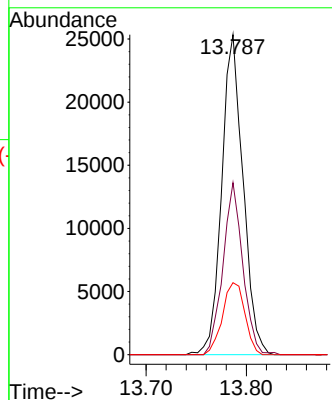
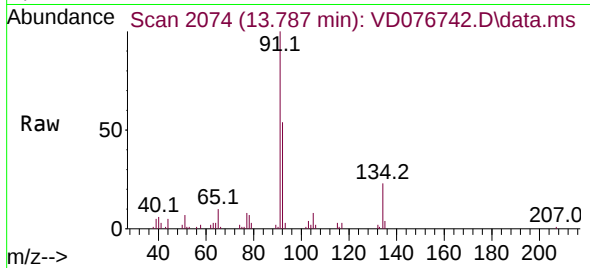
#89
n-Butylbenzene
Concen: 4.541 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 37378
Ion Ratio Lower Upper
91 100
92 50.1 26.5 79.5
134 23.7 13.8 41.3

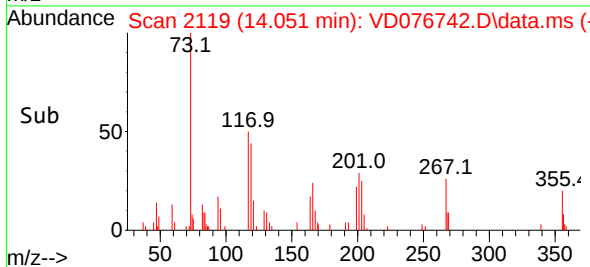
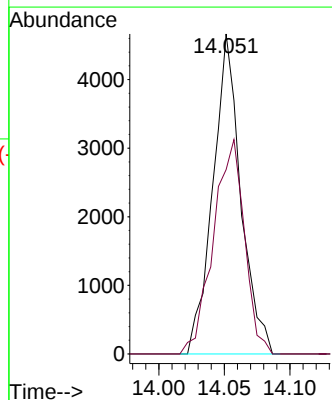
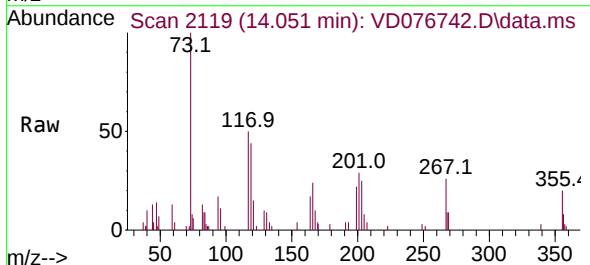
Manual Integrations
APPROVED

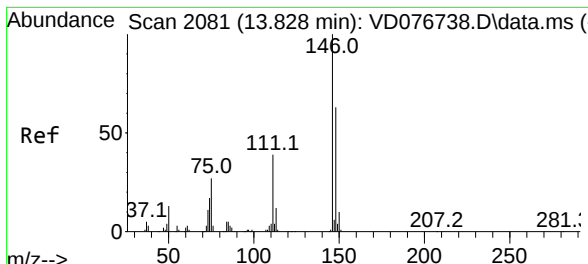
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#90
Hexachloroethane
Concen: 4.428 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:117 Resp: 6886
Ion Ratio Lower Upper
117 100
201 74.8 38.5 115.5





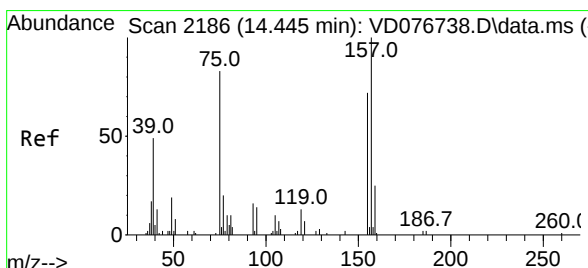
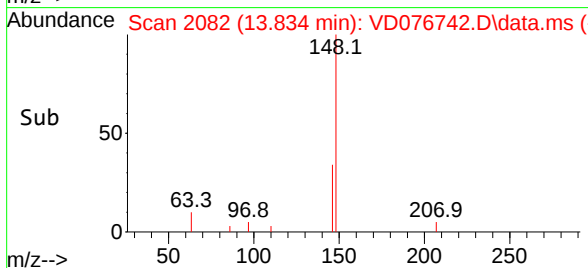
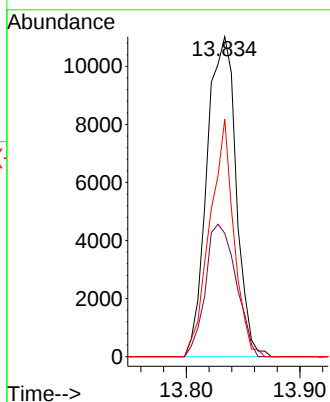
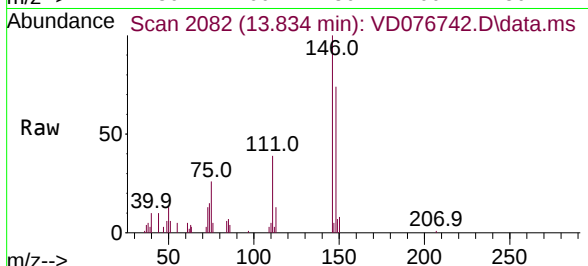
#91
1,2-Dichlorobenzene
Concen: 5.010 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 1962
Ion Ratio Lower Upper
146 100
111 43.4 18.3 54.8
148 61.4 31.6 94.7

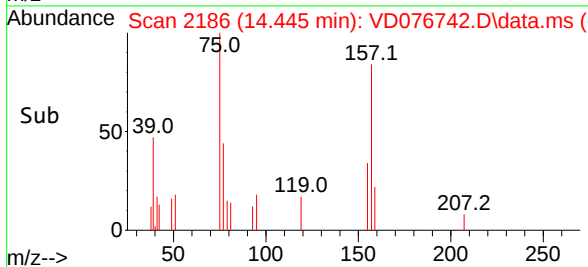
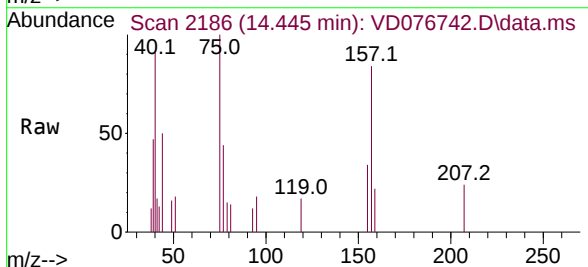
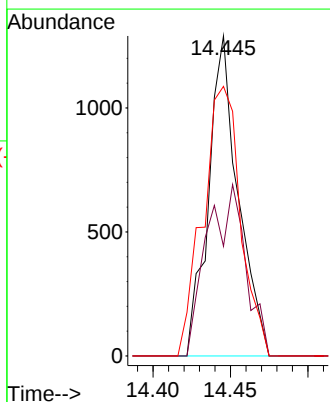
Manual Integrations
APPROVED

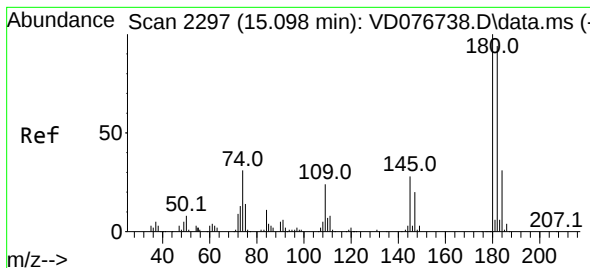
Reviewed By :John Carlone 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 6.015 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion: 75 Resp: 1724
Ion Ratio Lower Upper
75 100
155 68.9 47.9 143.8
157 106.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 4.952 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Instrument :

MSVOA_D

ClientSampleId :

VSTDICC005

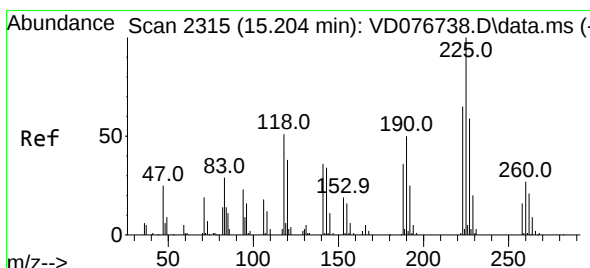
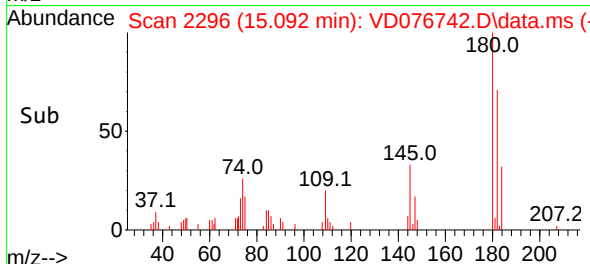
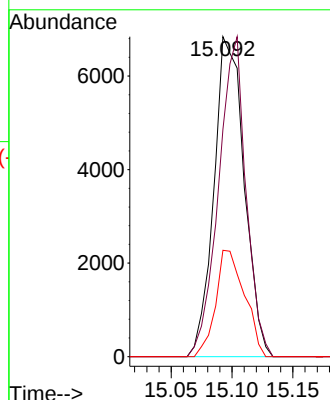
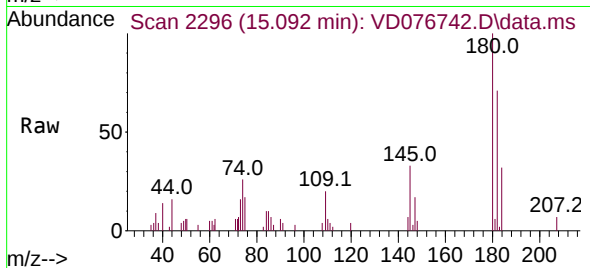
Tgt Ion:180	Resp:	1184
Ion Ratio	Lower	Upper
180	100	
182	90.5	48.5 145.6
145	31.8	14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#94

Hexachlorobutadiene

Concen: 5.253 ug/l

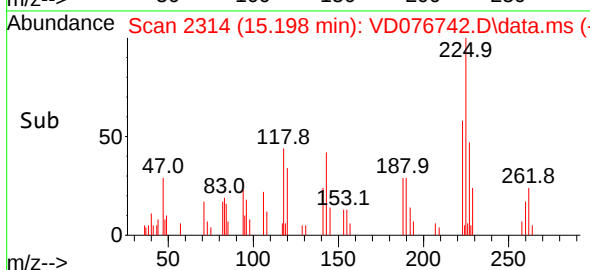
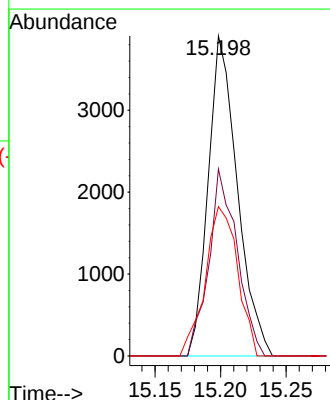
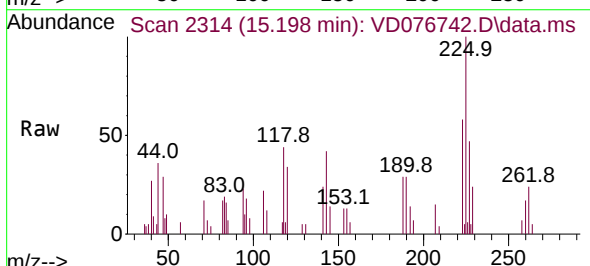
RT: 15.198 min Scan# 2314

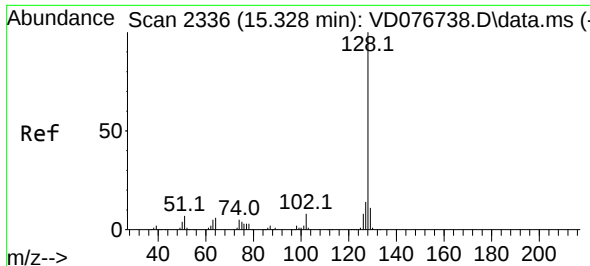
Delta R.T. -0.006 min

Lab File: VD076742.D

Acq: 14 Jul 2023 15:57

Tgt Ion:225	Resp:	6041
Ion Ratio	Lower	Upper
225	100	
223	56.6	31.6 94.8
227	51.6	31.7 95.1





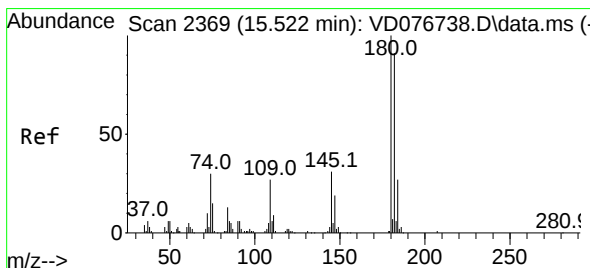
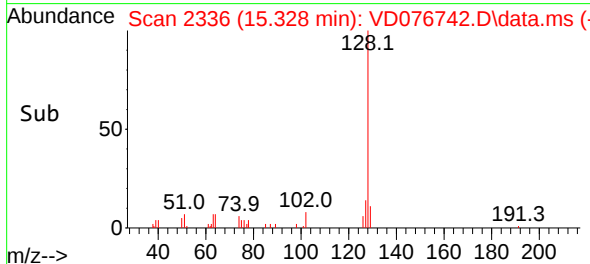
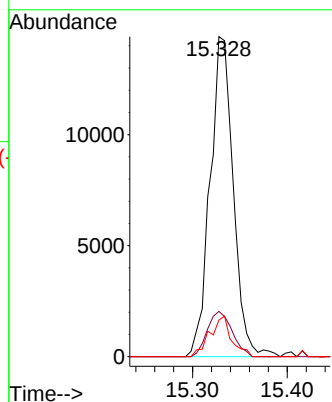
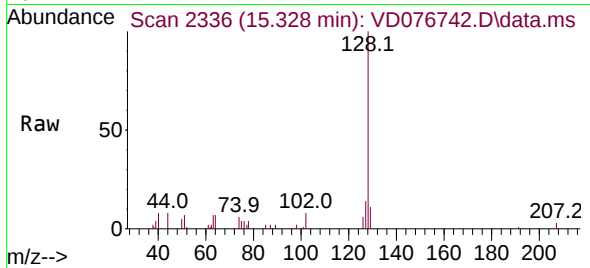
#95
Naphthalene
Concen: 4.755 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Instrument :
MSVOA_D
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 24618
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 11.4 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 5.124 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD076742.D
Acq: 14 Jul 2023 15:57

Tgt Ion:180 Resp: 10995
Ion Ratio Lower Upper
180 100
182 89.1 47.3 141.9
145 33.9 15.1 45.3

