

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076827.D
 Acq On : 27 Jul 2023 11:54
 Operator : KP/SY
 Sample : VD0727SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/28/2023

Quant Time: Jul 27 14:47:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	210037	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	371530	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	335016	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	157102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103824	49.628	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.260%		
35) Dibromofluoromethane	7.805	113	126044	53.987	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.980%		
50) Toluene-d8	10.269	98	421059	50.413	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.820%		
62) 4-Bromofluorobenzene	12.575	95	142345	52.683	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	36147	22.008	ug/l	99
3) Chloromethane	2.146	50	49803	17.578	ug/l	98
4) Vinyl Chloride	2.275	62	72450	19.183	ug/l	95
5) Bromomethane	2.670	94	56238	18.097	ug/l	99
6) Chloroethane	2.823	64	54439	19.091	ug/l	100
7) Trichlorofluoromethane	3.164	101	74319	22.114	ug/l	93
8) Diethyl Ether	3.593	74	23488	20.299	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.958	101	49977	22.623	ug/l	96
10) Methyl Iodide	4.152	142	46380	18.625	ug/l	94
11) Tert butyl alcohol	5.069	59	17185	110.082	ug/l	# 89
12) 1,1-Dichloroethene	3.934	96	43379	20.901	ug/l	94
13) Acrolein	3.793	56	14299	134.410	ug/l	99
14) Allyl chloride	4.558	41	52631	19.304	ug/l	92
15) Acrylonitrile	5.258	53	55651	97.926	ug/l	100
16) Acetone	4.022	43	49926	99.927	ug/l	91
17) Carbon Disulfide	4.258	76	80339	16.573	ug/l	100
18) Methyl Acetate	4.558	43	35758	19.049	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	114856	20.636	ug/l	98
20) Methylene Chloride	4.799	84	81897	21.698	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	47978	19.887	ug/l	96
22) Diisopropyl ether	6.216	45	130930	20.279	ug/l	96
23) Vinyl Acetate	6.158	43	307053	96.120	ug/l	# 89
24) 1,1-Dichloroethane	6.111	63	90968	20.898	ug/l	98
25) 2-Butanone	7.081	43	72066	107.775	ug/l	# 86
26) 2,2-Dichloropropane	7.069	77	84678	22.566	ug/l	93
27) cis-1,2-Dichloroethene	7.075	96	60424	20.317	ug/l	92
28) Bromochloromethane	7.422	49	24977	22.950	ug/l	83
29) Tetrahydrofuran	7.446	42	40002	101.252	ug/l	91
30) Chloroform	7.593	83	100059	20.986	ug/l	98
31) Cyclohexane	7.875	56	62630	20.342	ug/l	# 96
32) 1,1,1-Trichloroethane	7.799	97	87295	22.693	ug/l	97
36) 1,1-Dichloropropene	8.005	75	66791	21.893	ug/l	97
37) Ethyl Acetate	7.163	43	26322	19.292	ug/l	98
38) Carbon Tetrachloride	7.993	117	65210	22.323	ug/l	90
39) Methylcyclohexane	9.269	83	77169	21.906	ug/l	95
40) Benzene	8.246	78	199084	20.682	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	15963	19.159	ug/l #	89
42) 1,2-Dichloroethane	8.322	62	53254	21.292	ug/l	97
43) Isopropyl Acetate	8.363	43	57915	21.750	ug/l	91
44) Trichloroethene	9.028	130	54494	20.774	ug/l	79
45) 1,2-Dichloropropane	9.305	63	51222	20.614	ug/l	100
46) Dibromomethane	9.393	93	30931	21.266	ug/l	90
47) Bromodichloromethane	9.581	83	75989	20.819	ug/l	99
48) Methyl methacrylate	9.381	41	24436	20.164	ug/l	88
49) 1,4-Dioxane	9.387	88	7023	376.871	ug/l #	91
51) 4-Methyl-2-Pentanone	10.157	43	152407	107.503	ug/l	93
52) Toluene	10.334	92	128762	20.366	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	70442	20.793	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	84881	21.259	ug/l #	90
55) 1,1,2-Trichloroethane	10.728	97	45903	21.612	ug/l	93
56) Ethyl methacrylate	10.599	69	50795	20.721	ug/l #	90
57) 1,3-Dichloropropane	10.881	76	71999	20.816	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	102632	108.160	ug/l	99
59) 2-Hexanone	10.922	43	109711	108.454	ug/l	90
60) Dibromochloromethane	11.075	129	54237	21.982	ug/l	99
61) 1,2-Dibromoethane	11.175	107	41760	21.207	ug/l	99
64) Tetrachloroethene	10.810	164	42726	22.366	ug/l	97
65) Chlorobenzene	11.604	112	148257	22.004	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	53746	21.425	ug/l	99
67) Ethyl Benzene	11.681	91	257933	21.798	ug/l	95
68) m/p-Xylenes	11.793	106	199686	43.939	ug/l	93
69) o-Xylene	12.122	106	92668	21.086	ug/l	87
70) Styrene	12.134	104	167920	21.827	ug/l	97
71) Bromoform	12.298	173	30689	22.337	ug/l #	98
73) Isopropylbenzene	12.422	105	260031	22.814	ug/l	95
74) N-amyl acetate	12.234	43	52485	21.857	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.669	83	52842	21.592	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	33304m	22.292	ug/l	
77) Bromobenzene	12.704	156	56646	21.531	ug/l	86
78) n-propylbenzene	12.763	91	318655	23.061	ug/l	95
79) 2-Chlorotoluene	12.846	91	172071	22.711	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	208817	22.657	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	15077	21.477	ug/l	93
82) 4-Chlorotoluene	12.945	91	177350	22.407	ug/l	93
83) tert-Butylbenzene	13.163	119	186159	22.940	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	210430	22.343	ug/l	93
85) sec-Butylbenzene	13.345	105	289493	23.350	ug/l	96
86) p-Isopropyltoluene	13.457	119	236254	23.073	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	119548	22.092	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	117736	22.207	ug/l	97
89) n-Butylbenzene	13.787	91	228284	22.784	ug/l	99
90) Hexachloroethane	14.051	117	45201	23.878	ug/l	86
91) 1,2-Dichlorobenzene	13.828	146	104515	21.918	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7475	21.422	ug/l	95
93) 1,2,4-Trichlorobenzene	15.092	180	64795	22.258	ug/l	98
94) Hexachlorobutadiene	15.204	225	31907	22.790	ug/l	98
95) Naphthalene	15.334	128	158185	25.096	ug/l	99
96) 1,2,3-Trichlorobenzene	15.516	180	56653	21.686	ug/l	98

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Quant Title : SW846 8260
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Response via : Initial Calibration

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

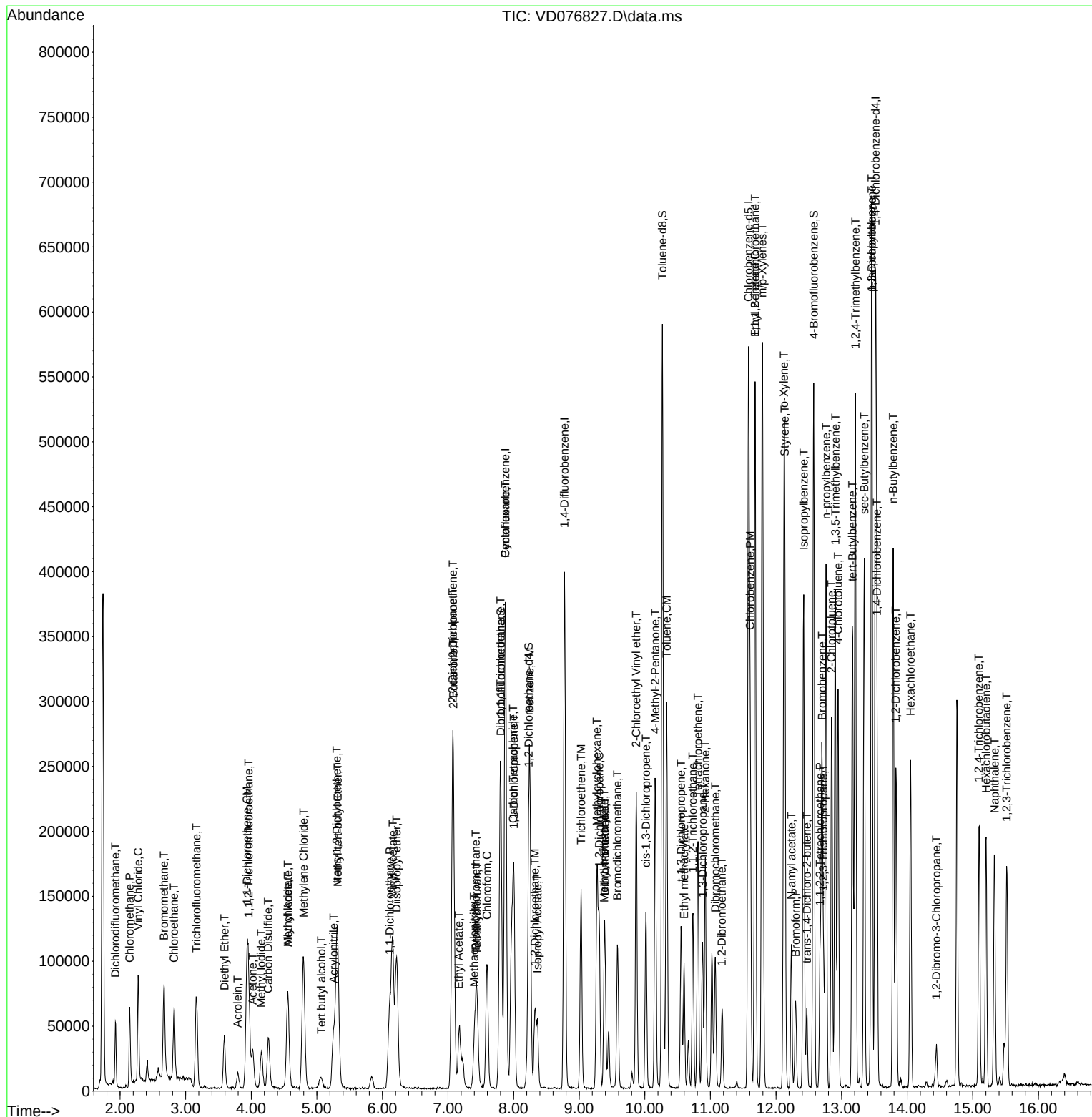
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
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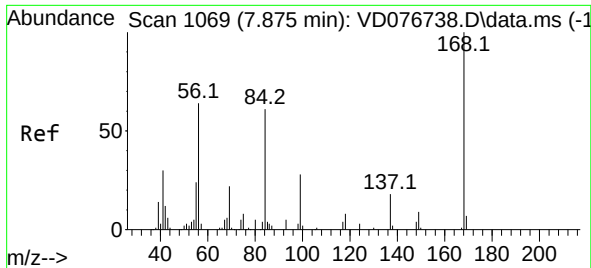
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Manual Integrations APPROVED

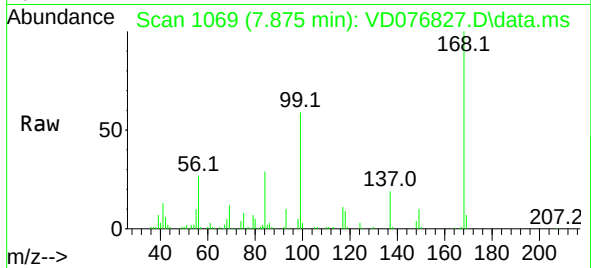
Reviewed By : John Carlone 07/28/2023
 Supervised By : Mahesh Dadoda 07/28/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076827.D
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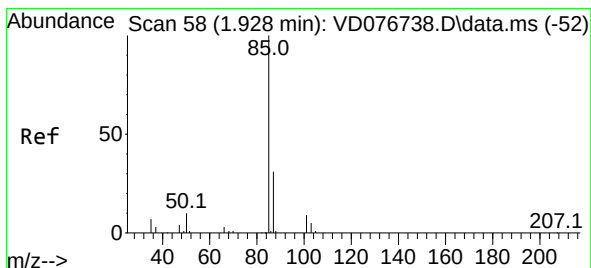
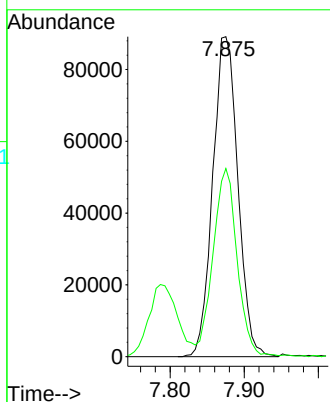
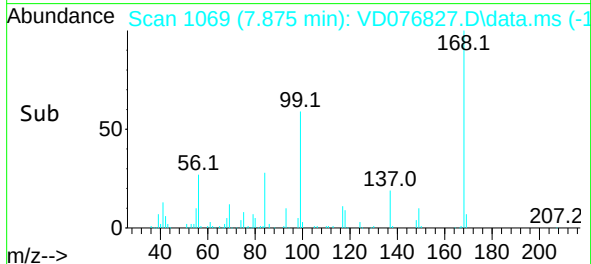
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



Tgt Ion:168 Resp: 21003
Ion Ratio Lower Upper
168 100
99 58.4 36.7 55.1

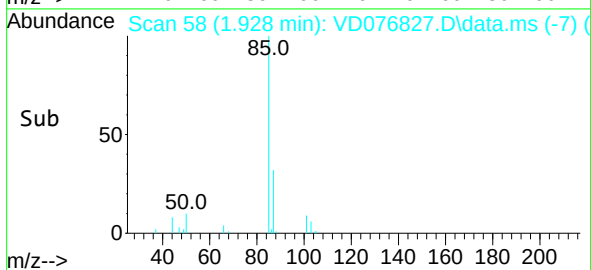
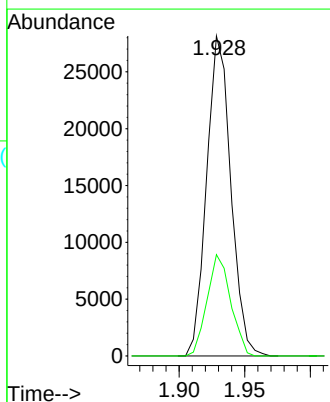
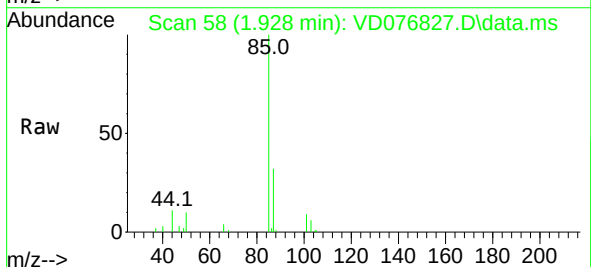
Manual Integrations
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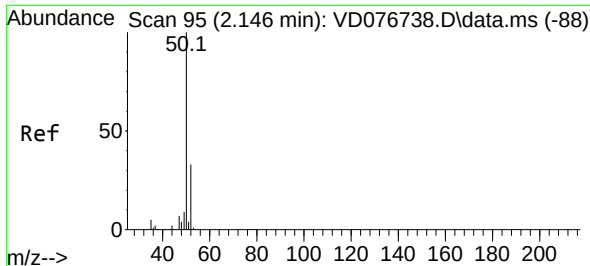
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#2
Dichlorodifluoromethane
Concen: 22.008 ug/l
RT: 1.928 min Scan# 58
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

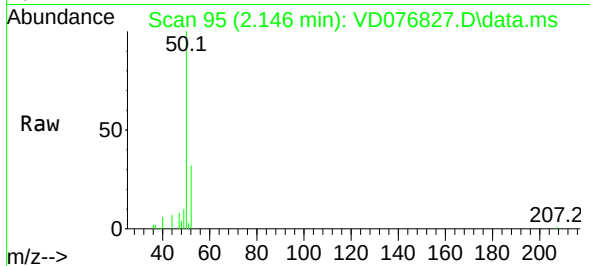
Tgt Ion: 85 Resp: 36147
Ion Ratio Lower Upper
85 100
87 31.7 15.7 47.0





#3
Chloromethane
Concen: 17.578 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

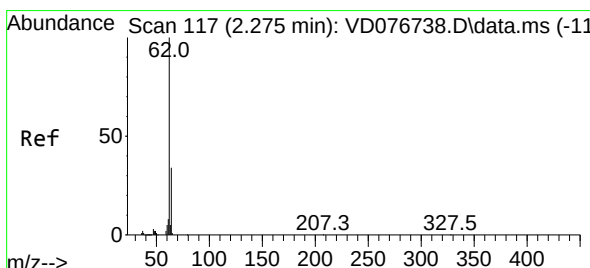
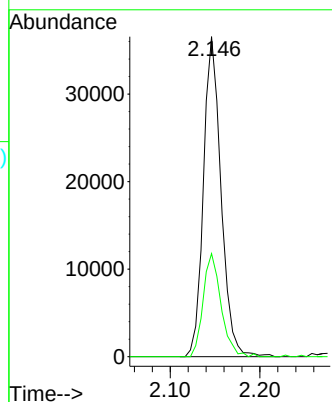
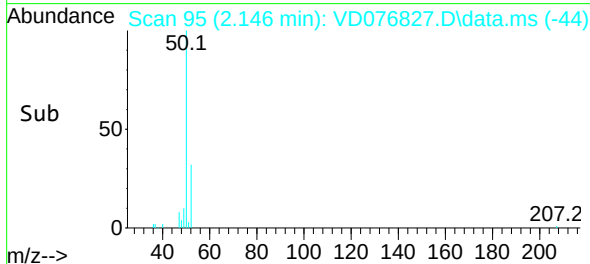
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



Tgt Ion: 50 Resp: 4980
Ion Ratio Lower Upper
50 100
52 32.2 26.6 40.0

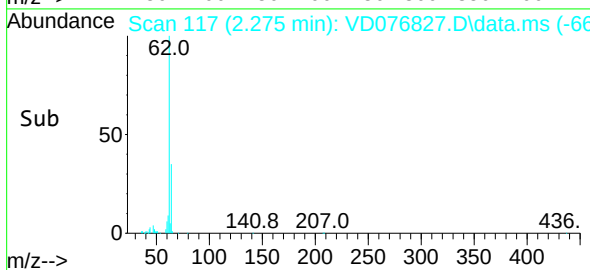
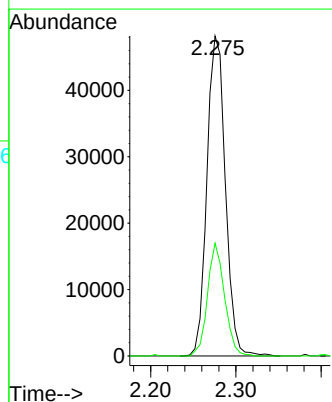
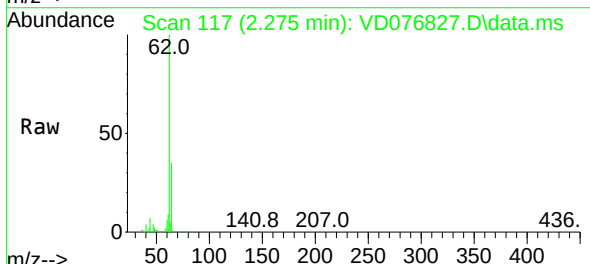
Manual Integrations
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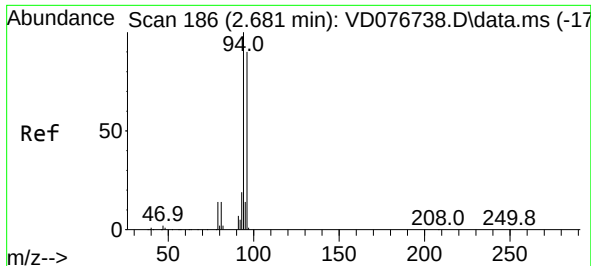
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#4
Vinyl Chloride
Concen: 19.183 ug/l
RT: 2.275 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

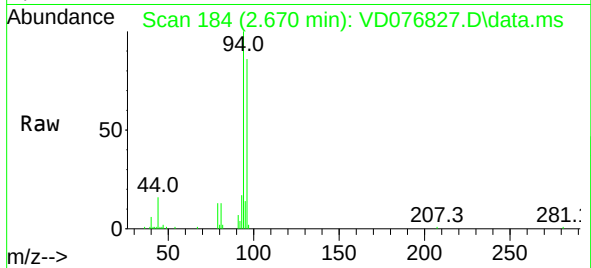
Tgt Ion: 62 Resp: 72450
Ion Ratio Lower Upper
62 100
64 35.2 26.0 39.0





#5
Bromomethane
Concen: 18.097 ug/l
RT: 2.670 min Scan# 184
Delta R.T. -0.011 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

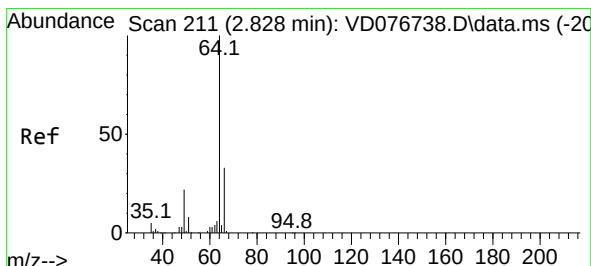
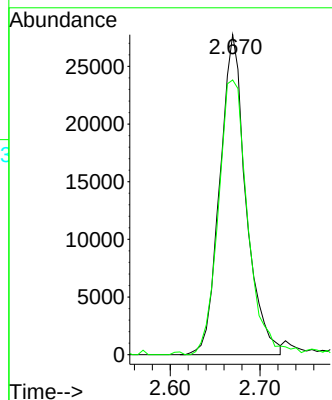
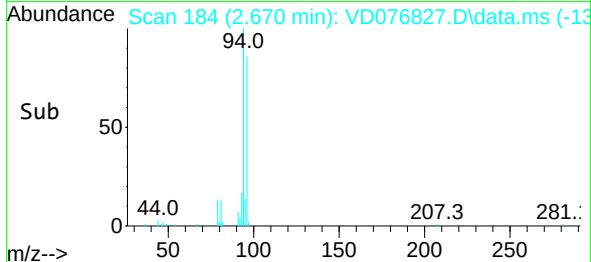
Instrument :
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Tgt Ion: 94 Resp: 56238
Ion Ratio Lower Upper
94 100
96 96.2 75.8 113.8

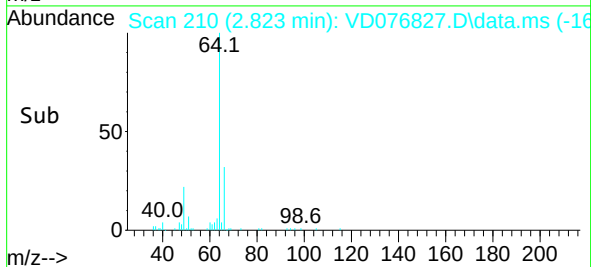
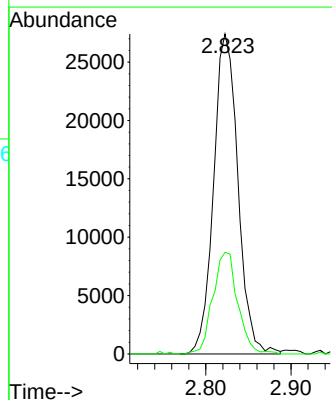
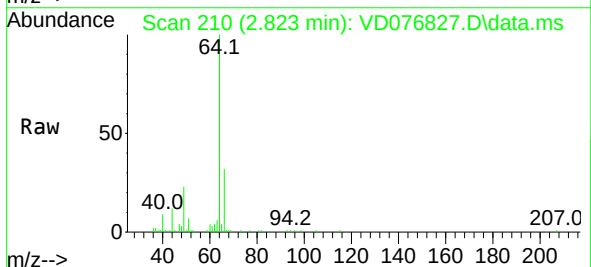
Manual Integrations
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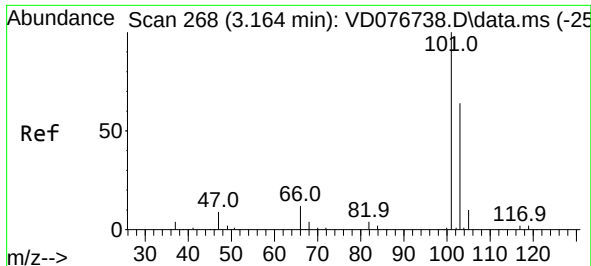
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#6
Chloroethane
Concen: 19.091 ug/l
RT: 2.823 min Scan# 210
Delta R.T. -0.005 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Tgt Ion: 64 Resp: 54439
Ion Ratio Lower Upper
64 100
66 31.7 25.5 38.3





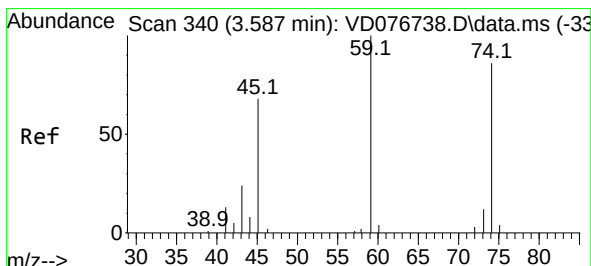
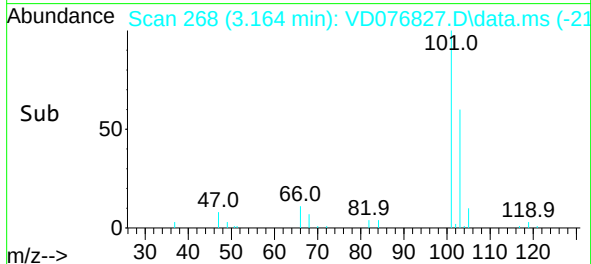
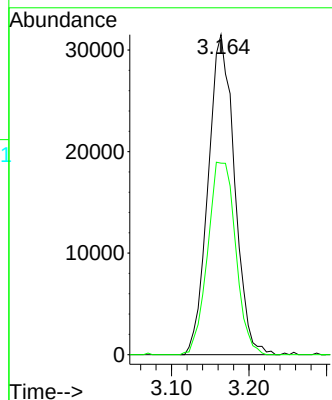
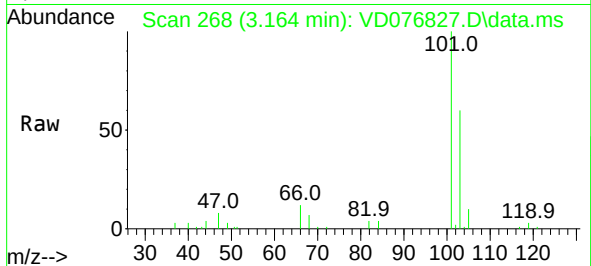
#7
Trichlorofluoromethane
Concen: 22.114 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion:101 Resp: 74319
Ion Ratio Lower Upper
101 100
103 59.8 52.3 78.5

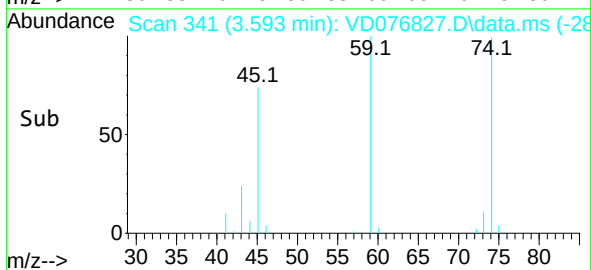
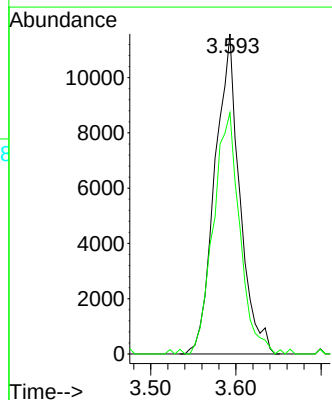
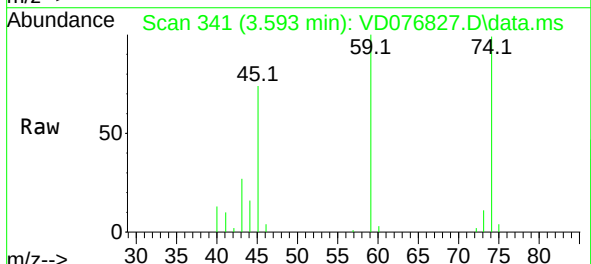
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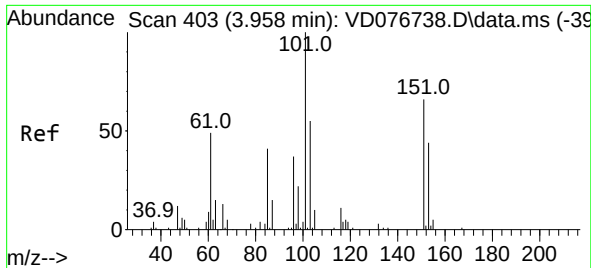
Reviewed By :John Carlone 07/28/2023
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#8
Diethyl Ether
Concen: 20.299 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Tgt Ion: 74 Resp: 23488
Ion Ratio Lower Upper
74 100
45 80.3 37.5 112.7





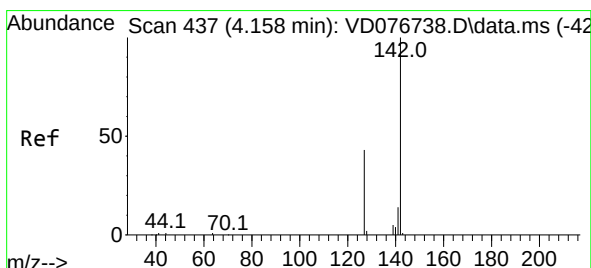
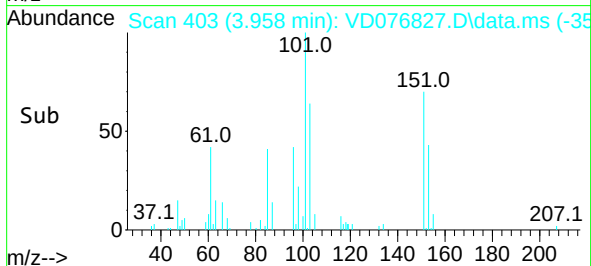
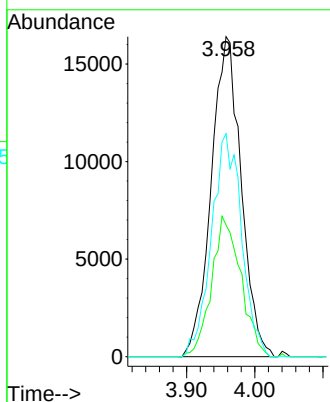
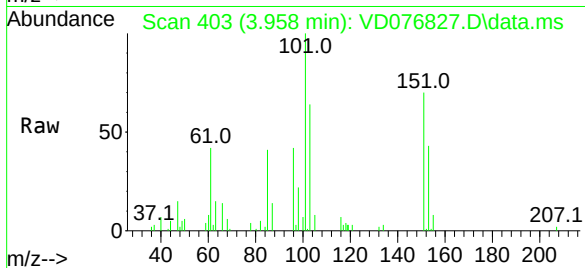
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.623 ug/l
RT: 3.958 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion:101 Resp: 4997
Ion Ratio Lower Upper
101 100
85 42.9 33.8 50.6
151 70.3 59.8 89.6

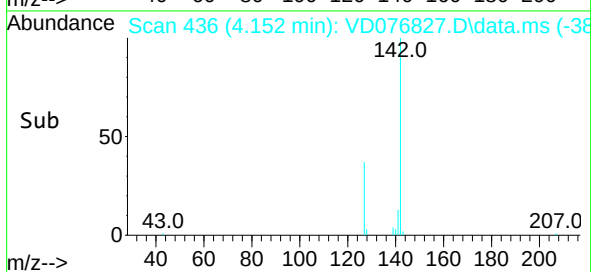
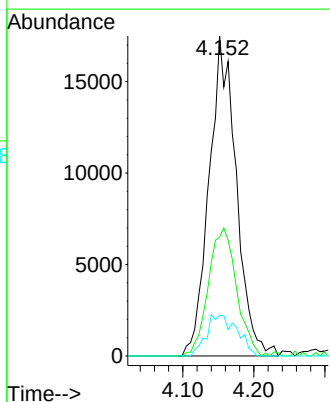
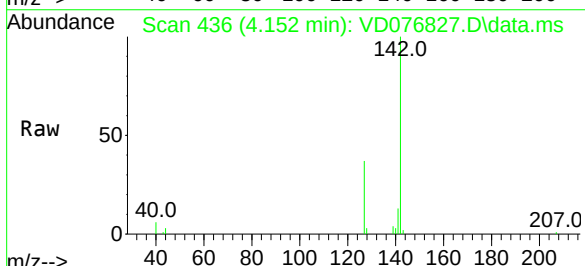
Manual Integrations
APPROVED

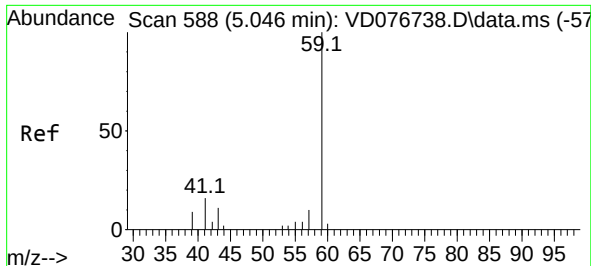
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#10
Methyl Iodide
Concen: 18.625 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Tgt Ion:142 Resp: 46380
Ion Ratio Lower Upper
142 100
127 41.6 29.4 44.0
141 14.5 11.1 16.7





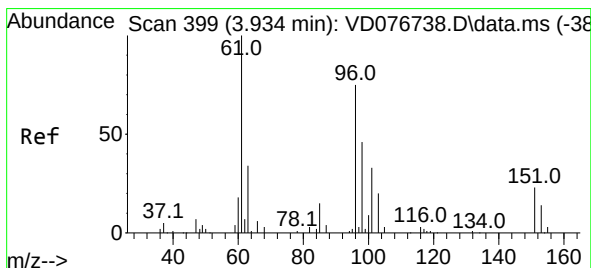
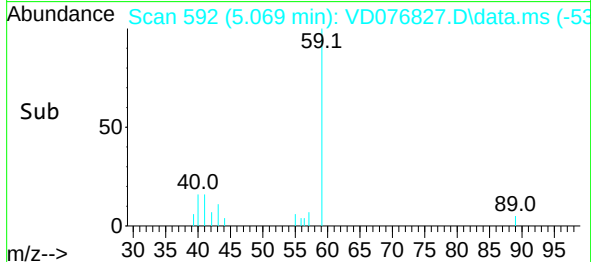
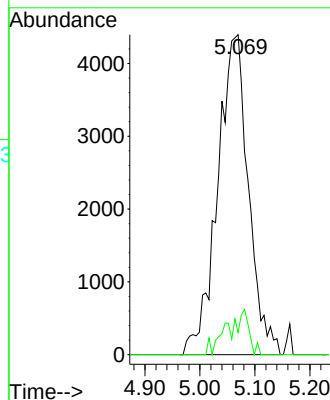
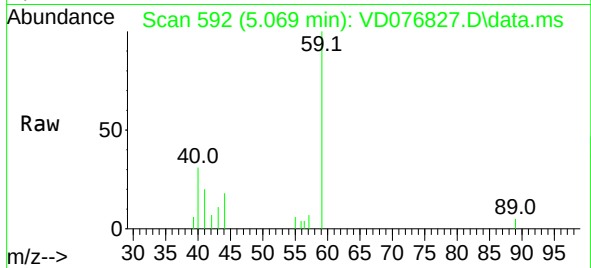
#11
Tert butyl alcohol
Concen: 110.082 ug/l
RT: 5.069 min Scan# 591
Delta R.T. 0.023 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion: 59 Resp: 1718
Ion Ratio Lower Upper
59 100
57 5.7 7.8 11.8

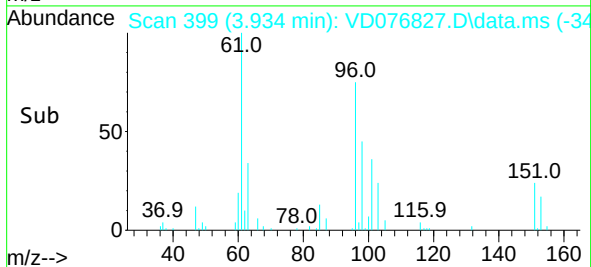
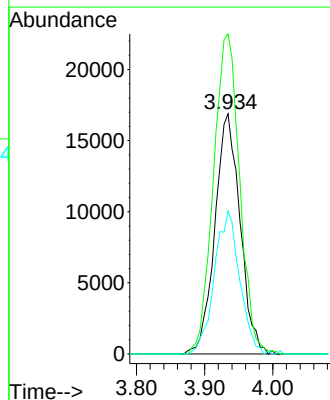
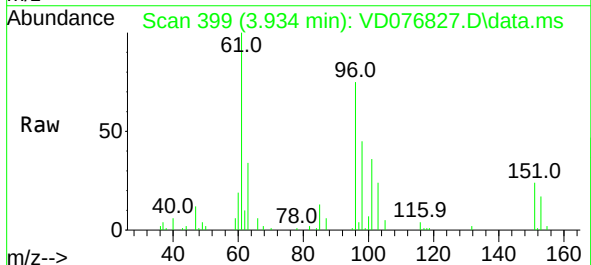
Manual Integrations
APPROVED

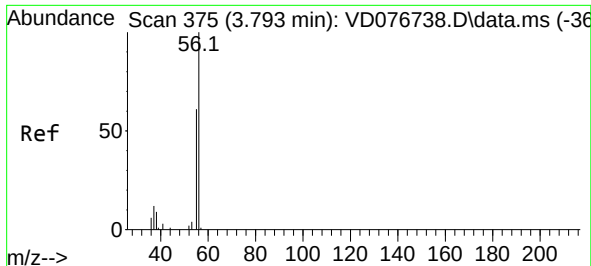
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#12
1,1-Dichloroethene
Concen: 20.901 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Tgt Ion: 96 Resp: 43379
Ion Ratio Lower Upper
96 100
61 133.2 100.6 150.8
98 59.5 50.2 75.2





#13

Acrolein

Concen: 134.410 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tgt Ion: 56 Resp: 1429

Ion Ratio Lower Upper

56 100

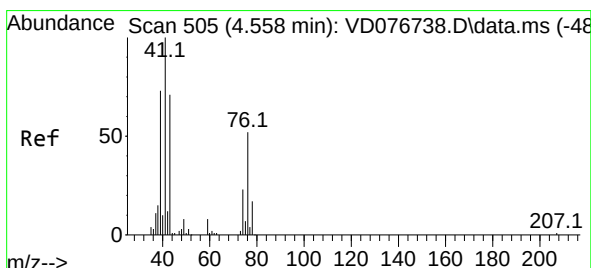
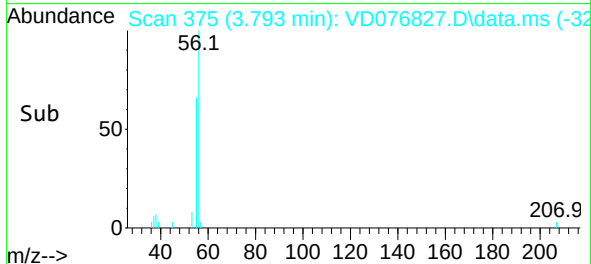
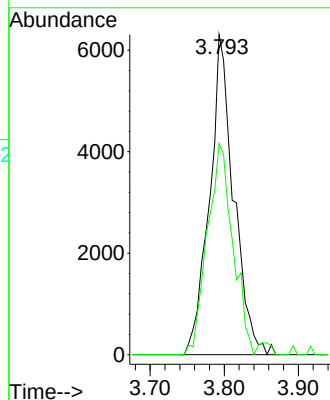
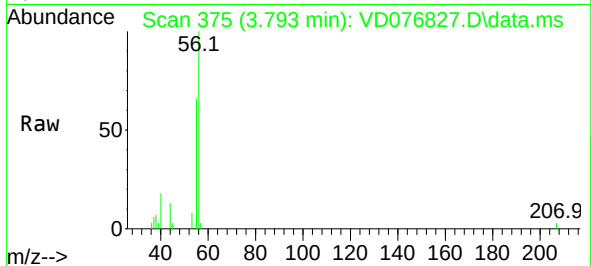
55 69.6 55.1 82.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#14

Allyl chloride

Concen: 19.304 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

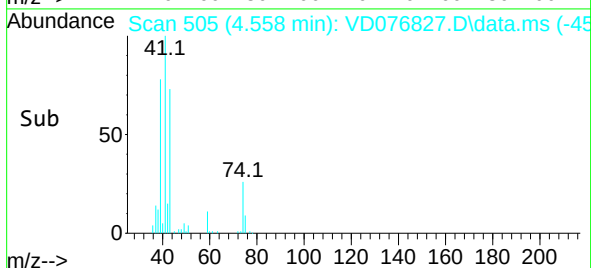
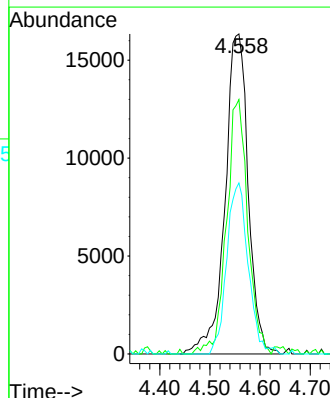
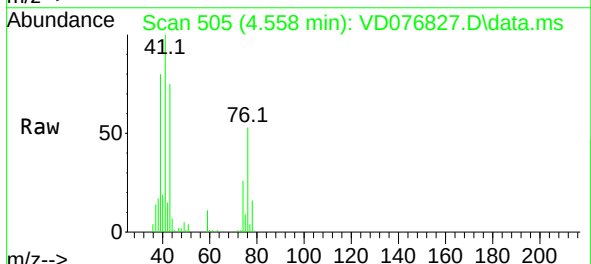
Tgt Ion: 41 Resp: 52631

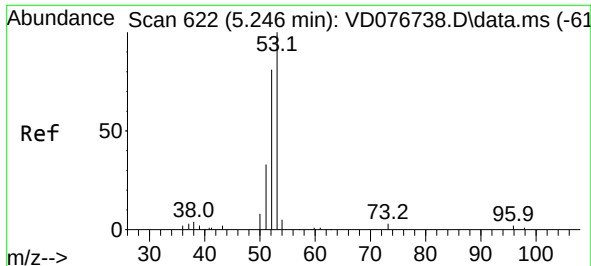
Ion Ratio Lower Upper

41 100

39 72.5 53.8 80.6

76 49.4 45.8 68.8





#15

Acrylonitrile

Concen: 97.926 ug/l

RT: 5.258 min Scan# 61

Delta R.T. 0.012 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

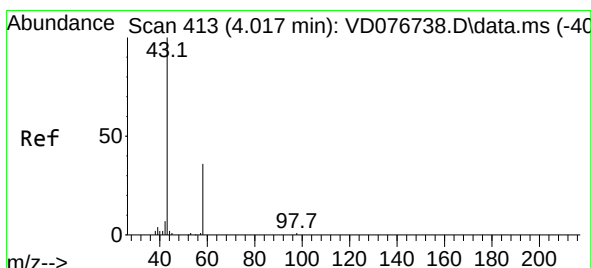
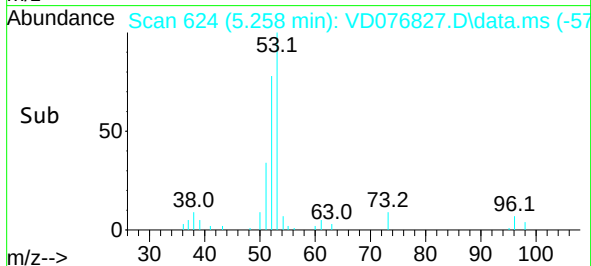
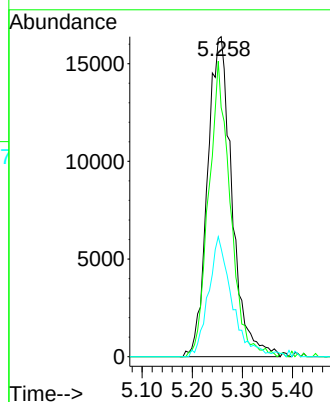
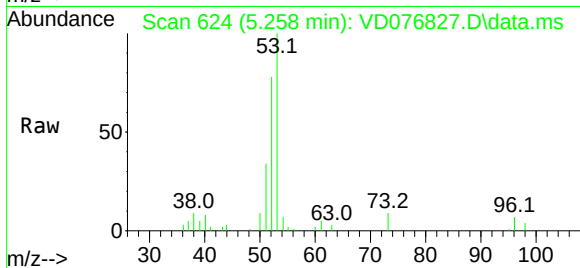
Tgt Ion: 53	Resp: 5565
Ion Ratio	Lower Upper
53 100	
52 81.3	65.0 97.4
51 35.8	28.3 42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#16

Acetone

Concen: 99.927 ug/l

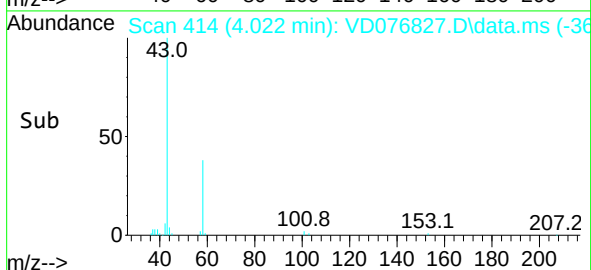
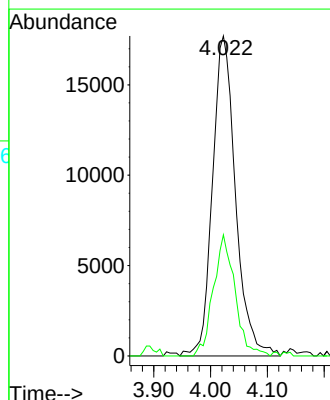
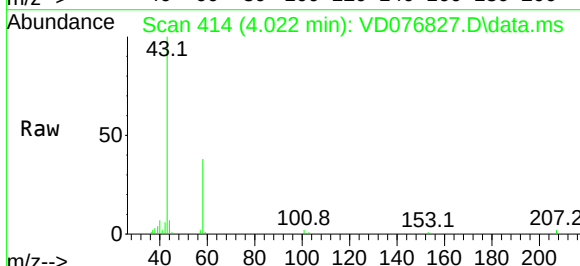
RT: 4.022 min Scan# 414

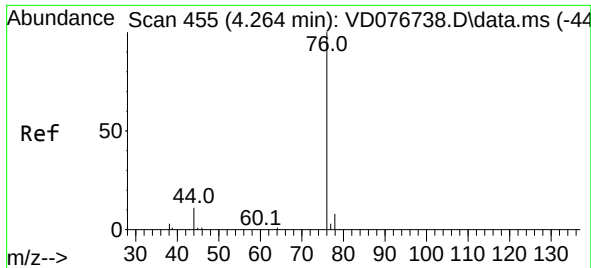
Delta R.T. 0.005 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Tgt Ion: 43	Resp: 49926
Ion Ratio	Lower Upper
43 100	
58 37.9	34.7 52.1





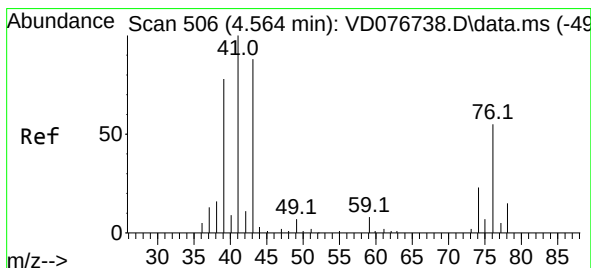
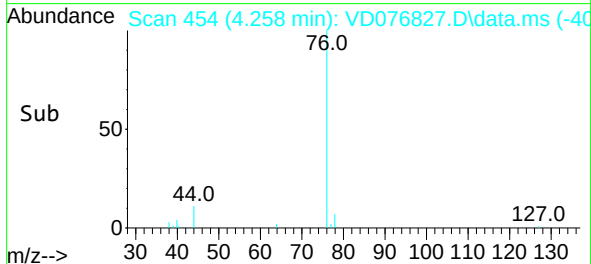
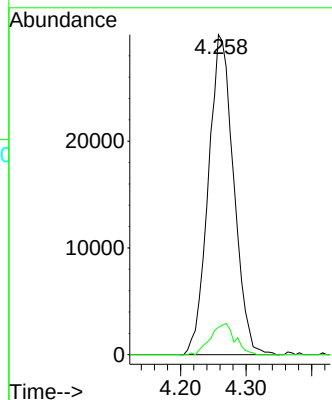
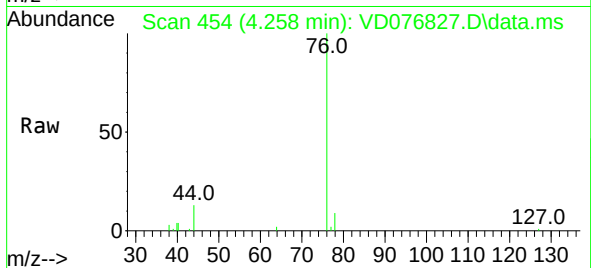
#17
Carbon Disulfide
Concen: 16.573 ug/l
RT: 4.258 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion: 76 Resp: 80339
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2

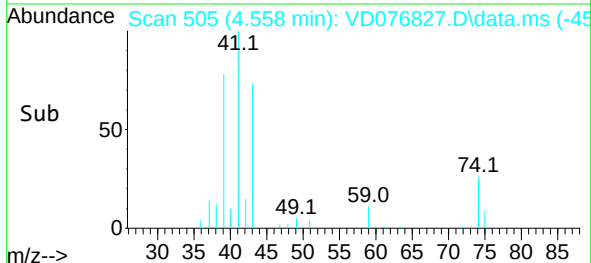
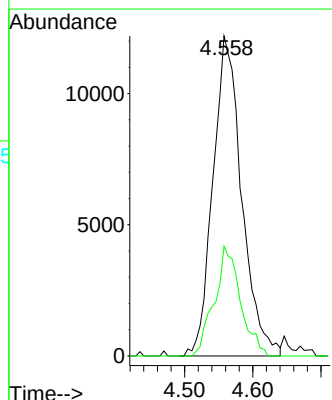
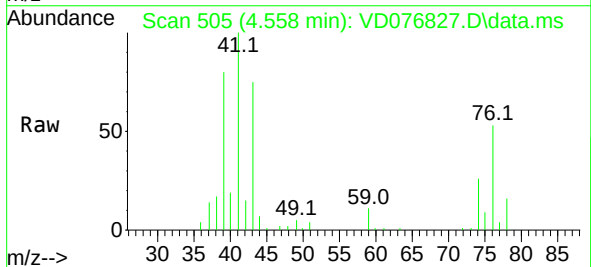
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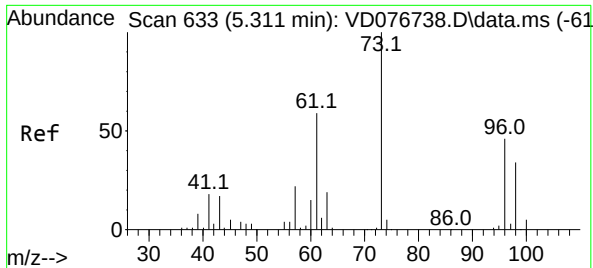
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#18
Methyl Acetate
Concen: 19.049 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Tgt Ion: 43 Resp: 35758
Ion Ratio Lower Upper
43 100
74 31.1 26.4 39.6





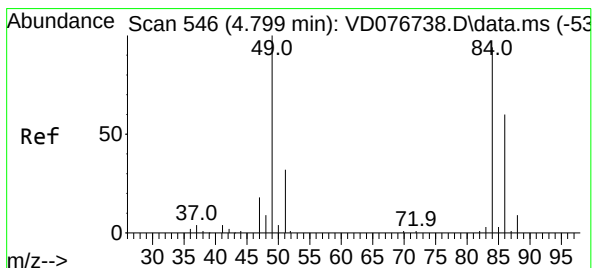
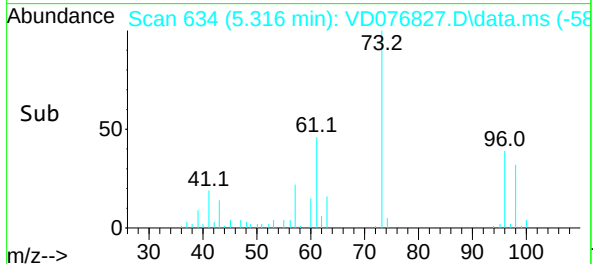
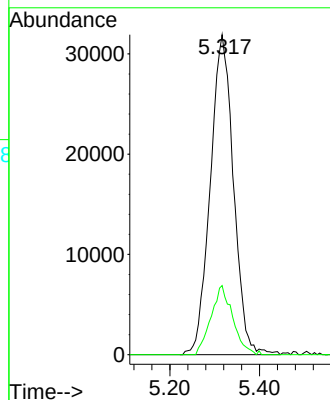
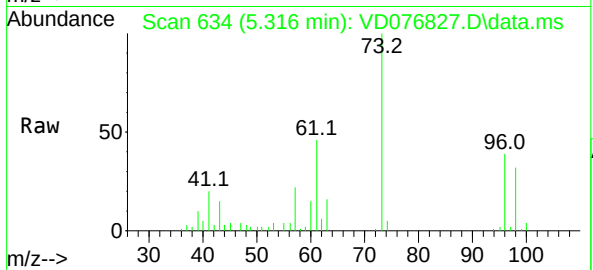
#19
Methyl tert-butyl Ether
Concen: 20.636 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.005 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion: 73 Resp: 11485
Ion Ratio Lower Upper
73 100
57 21.6 16.6 25.0

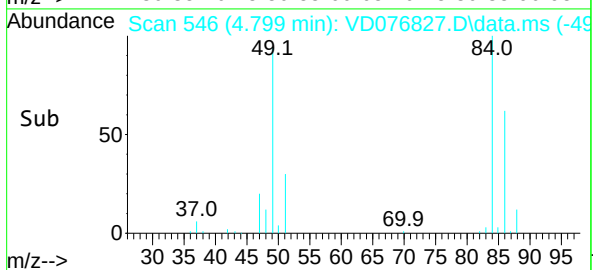
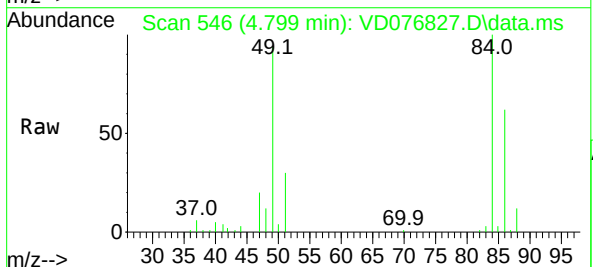
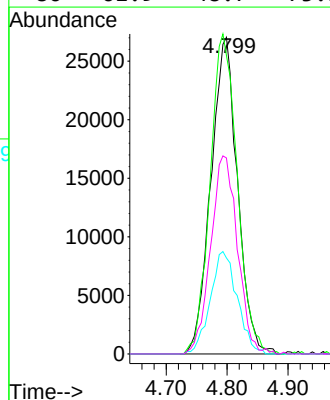
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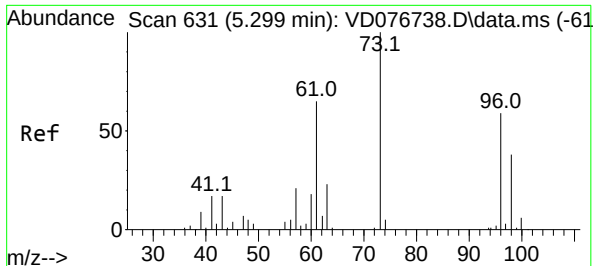
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#20
Methylene Chloride
Concen: 21.698 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Tgt Ion: 84 Resp: 81897
Ion Ratio Lower Upper
84 100
49 94.3 71.4 107.2
51 30.3 24.5 36.7
86 61.9 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 19.887 ug/l

RT: 5.305 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD076827.D

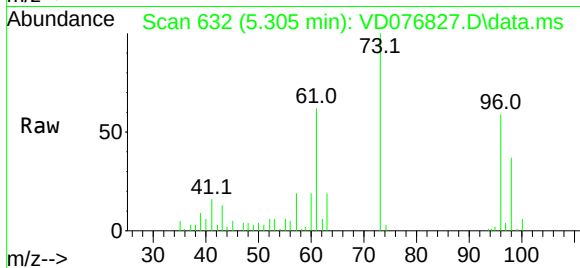
Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01



Tgt Ion: 96 Resp: 47978

Ion Ratio Lower Upper

96 100

61 105.6 89.3 133.9

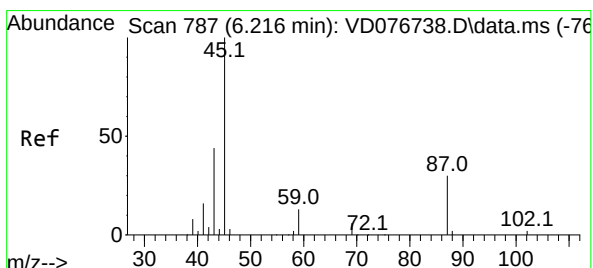
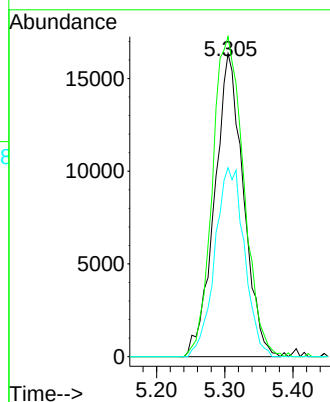
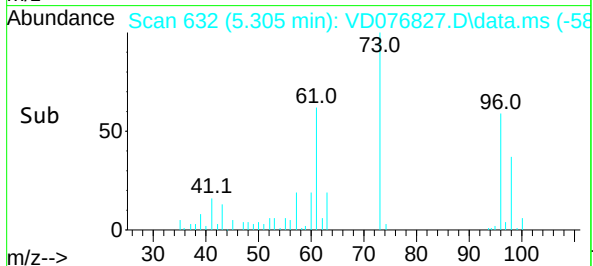
98 62.4 48.6 73.0

Manual Integrations

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Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#22

Diisopropyl ether

Concen: 20.279 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Tgt Ion: 45 Resp: 130930

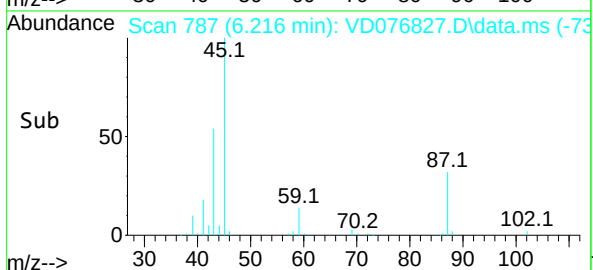
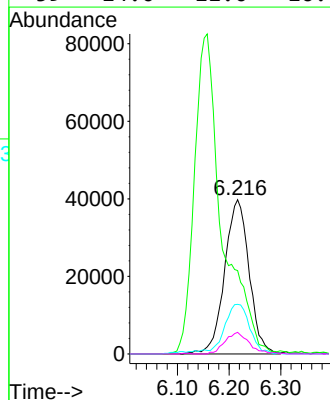
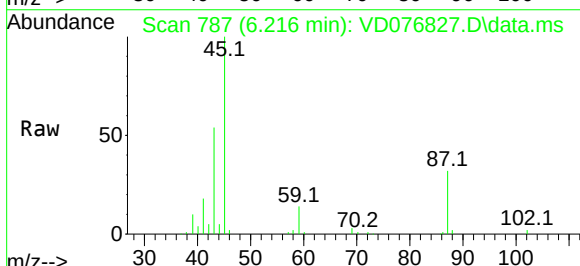
Ion Ratio Lower Upper

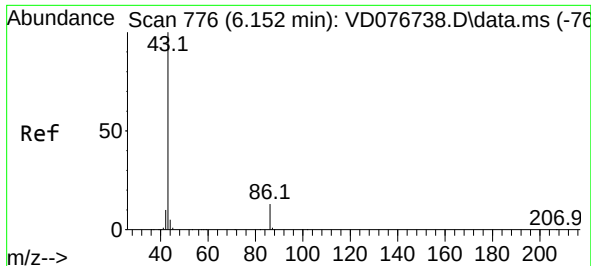
45 100

43 51.9 40.0 60.0

87 31.7 28.2 42.4

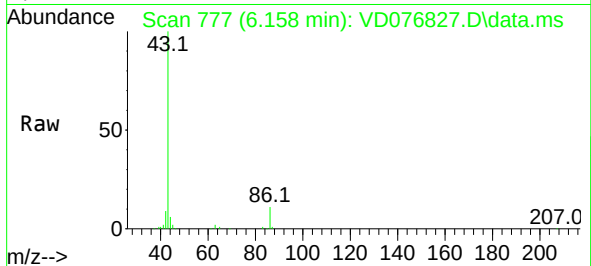
59 14.0 11.0 16.4





#23
 Vinyl Acetate
 Concen: 96.120 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD076827.D
 Acq: 27 Jul 2023 11:54

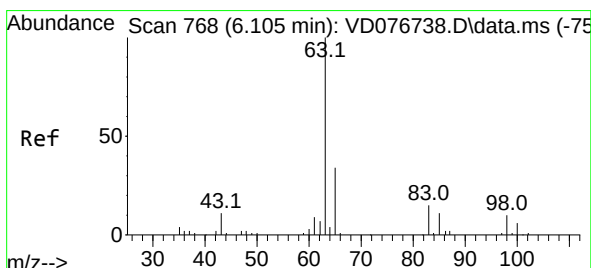
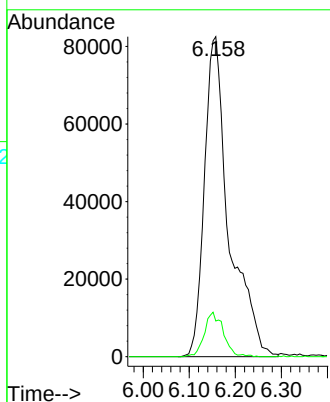
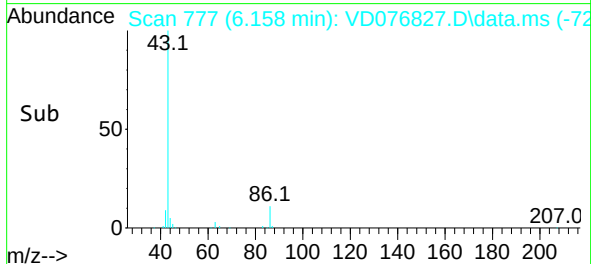
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01



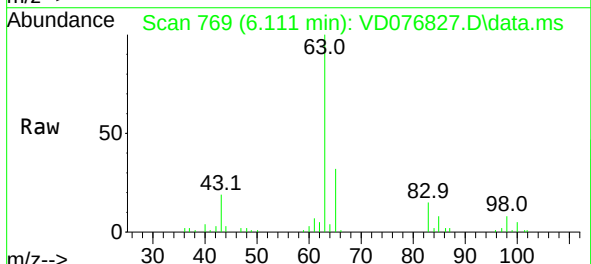
Tgt Ion: 43 Resp: 30705
 Ion Ratio Lower Upper
 43 100
 86 11.2 12.5 18.7

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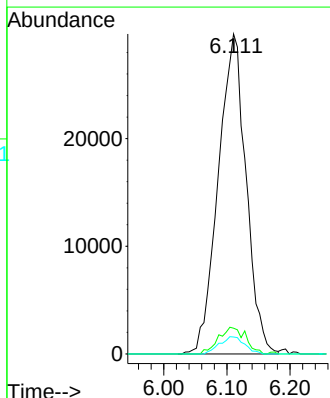
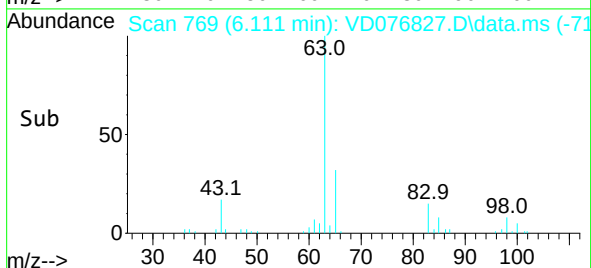
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023

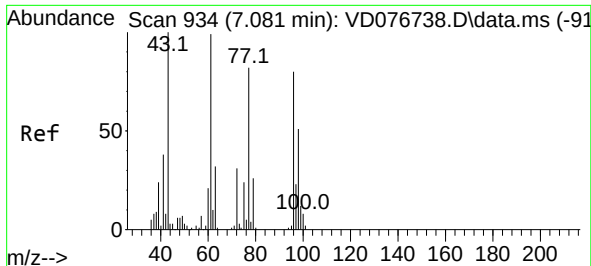


#24
 1,1-Dichloroethane
 Concen: 20.898 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD076827.D
 Acq: 27 Jul 2023 11:54



Tgt Ion: 63 Resp: 90968
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.7
 100 5.3 2.5 7.5





#25

2-Butanone

Concen: 107.775 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tgt Ion: 43 Resp: 7206

Ion Ratio Lower Upper

43 100

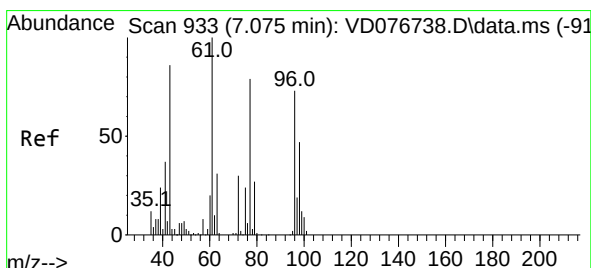
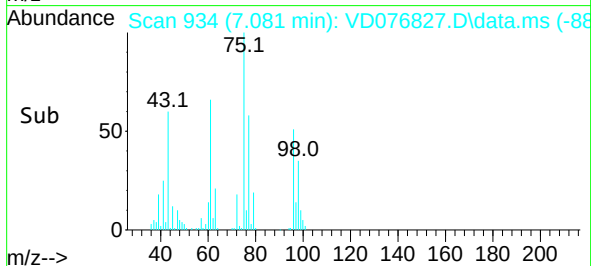
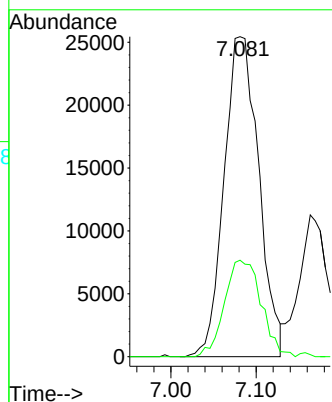
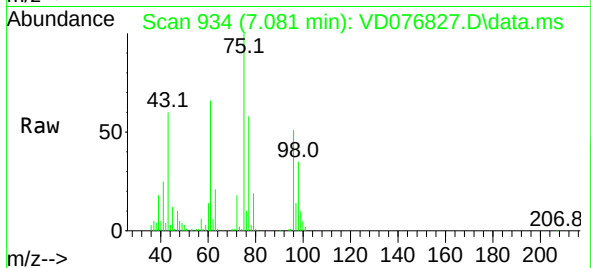
72 30.2 30.7 46.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#26

2,2-Dichloropropane

Concen: 22.566 ug/l

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD076827.D

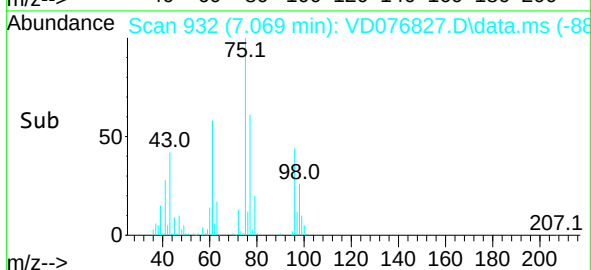
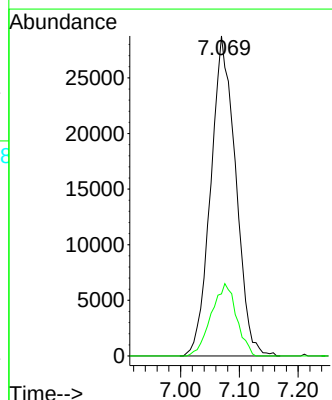
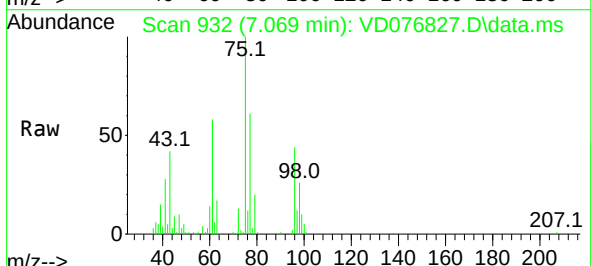
Acq: 27 Jul 2023 11:54

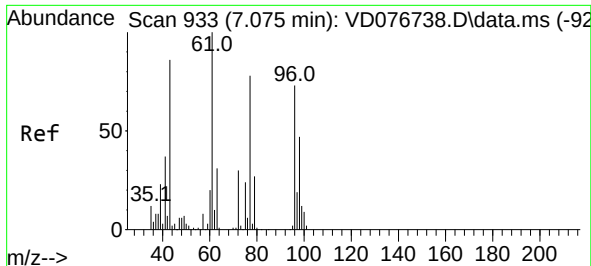
Tgt Ion: 77 Resp: 84678

Ion Ratio Lower Upper

77 100

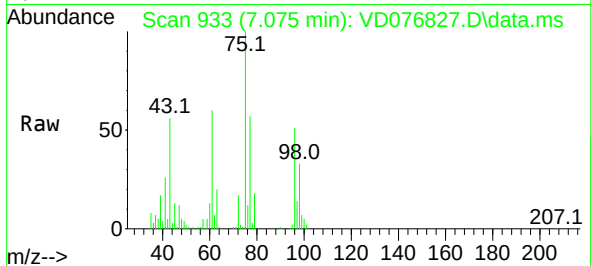
97 22.9 13.2 39.6





#27
 cis-1,2-Dichloroethene
 Concen: 20.317 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD076827.D
 Acq: 27 Jul 2023 11:54

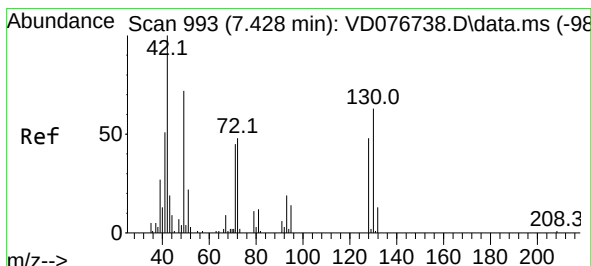
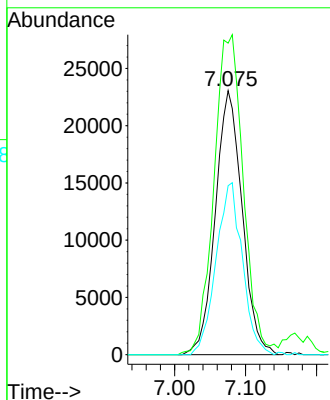
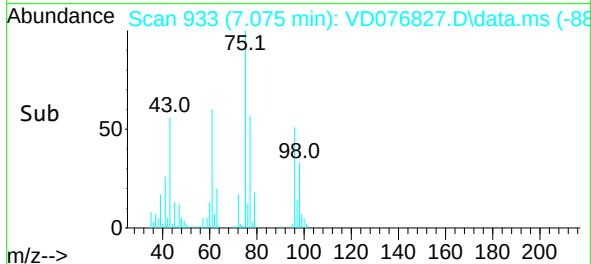
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01



Tgt Ion: 96 Resp: 60424
 Ion Ratio Lower Upper
 96 100
 61 132.1 0.0 239.2
 98 63.8 0.0 128.6

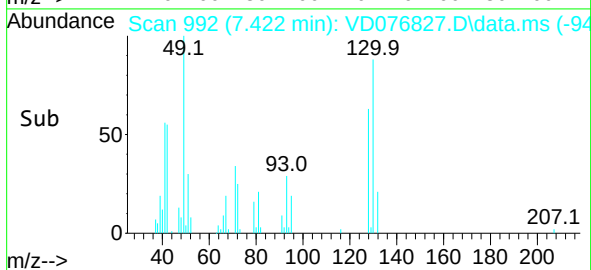
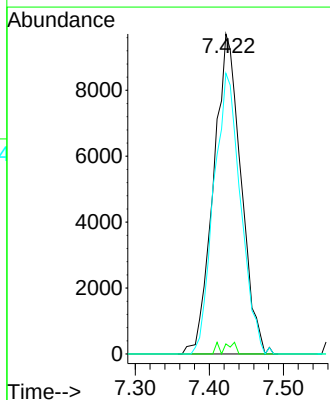
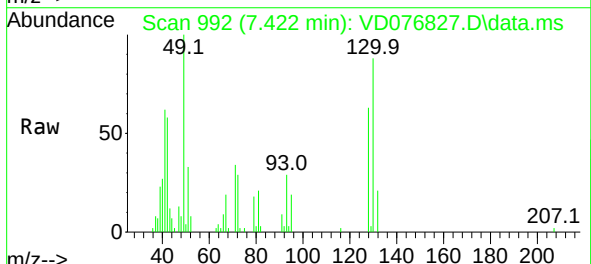
Manual Integrations
 APPROVED

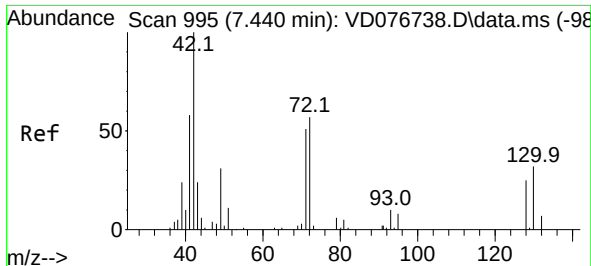
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023



#28
 Bromochloromethane
 Concen: 22.950 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD076827.D
 Acq: 27 Jul 2023 11:54

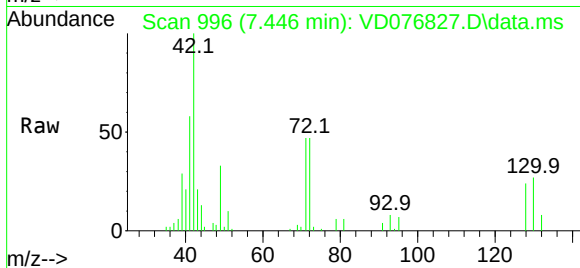
Tgt Ion: 49 Resp: 24977
 Ion Ratio Lower Upper
 49 100
 129 1.2 0.0 6.0
 130 85.8 83.2 124.8





#29
Tetrahydrofuran
Concen: 101.252 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

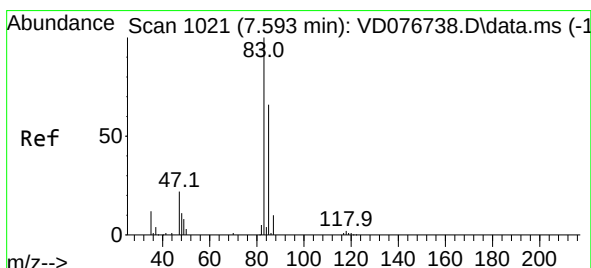
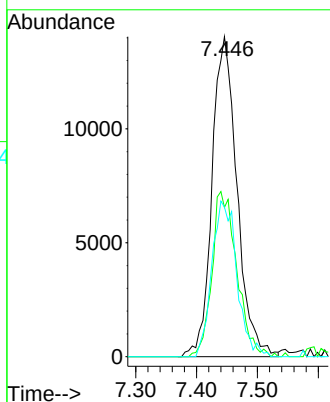
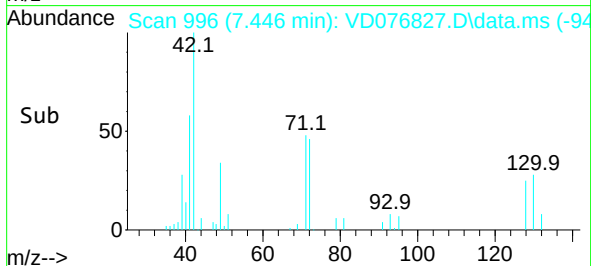
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



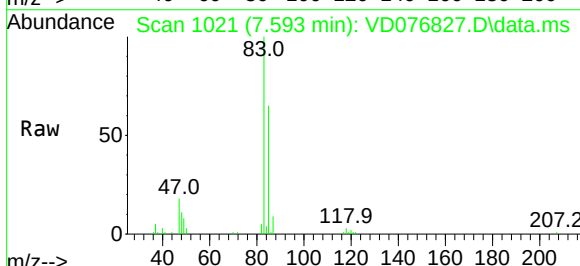
Tgt Ion: 42 Resp: 4000
Ion Ratio Lower Upper
42 100
72 51.4 46.5 69.7
71 48.7 44.5 66.7

Manual Integrations
APPROVED

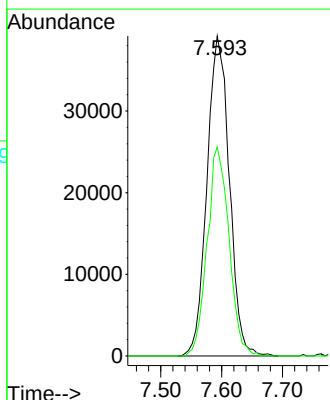
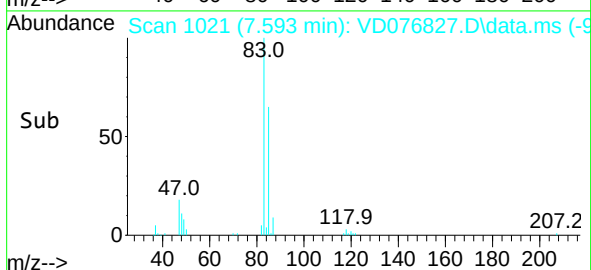
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

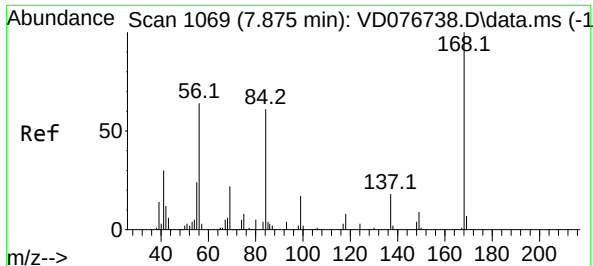


#30
Chloroform
Concen: 20.986 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54



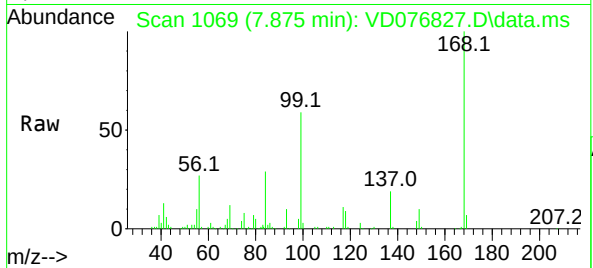
Tgt Ion: 83 Resp: 100059
Ion Ratio Lower Upper
83 100
85 65.3 53.4 80.2





#31
Cyclohexane
Concen: 20.342 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

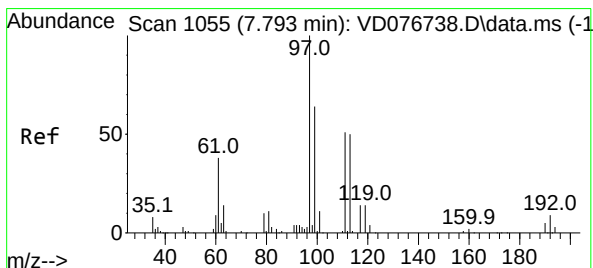
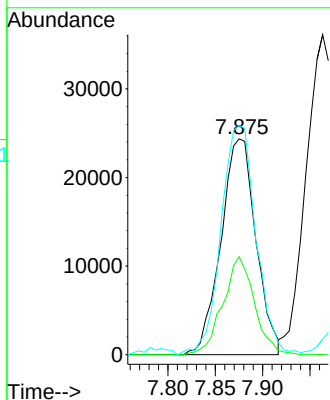
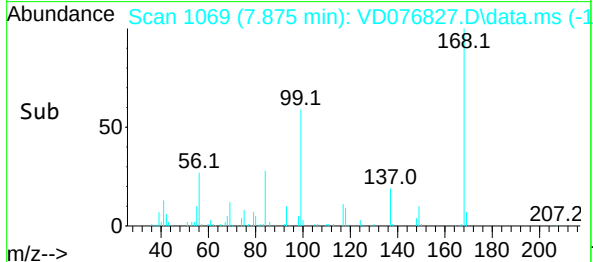
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



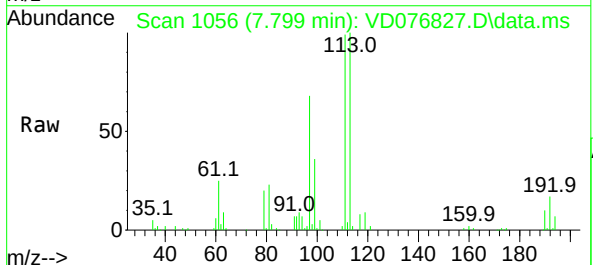
Tgt Ion: 56 Resp: 62630
Ion Ratio Lower Upper
56 100
69 45.4 28.6 43.0
84 106.1 84.8 127.2

Manual Integrations
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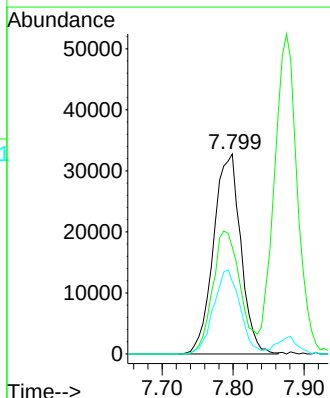
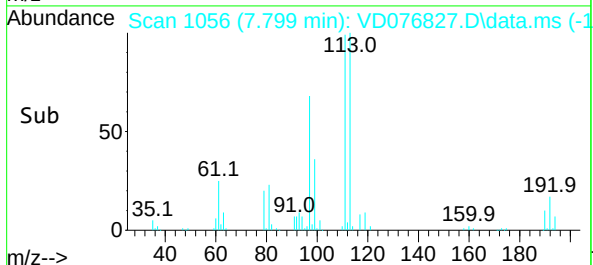
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

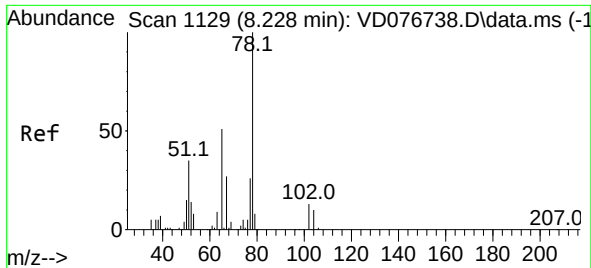


#32
1,1,1-Trichloroethane
Concen: 22.693 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54



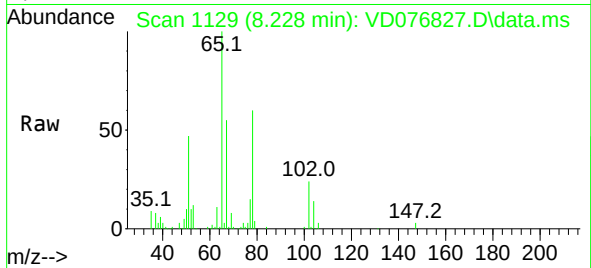
Tgt Ion: 97 Resp: 87295
Ion Ratio Lower Upper
97 100
99 62.6 52.0 78.0
61 40.7 33.8 50.8





#33
1,2-Dichloroethane-d4
Concen: 49.628 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

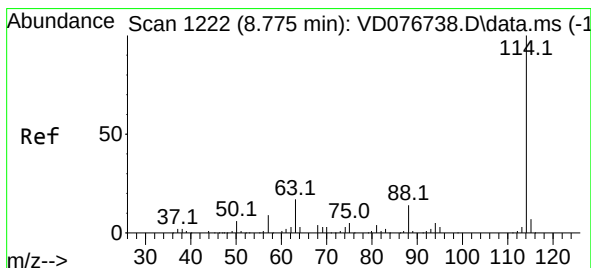
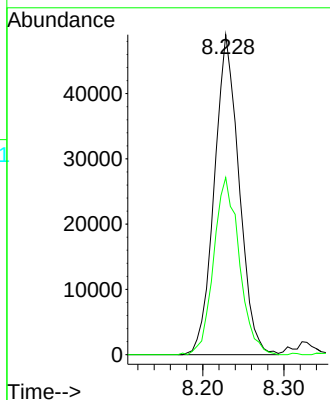
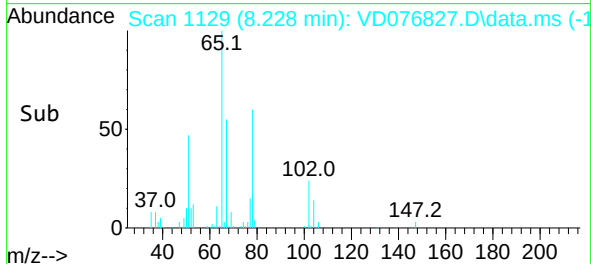
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



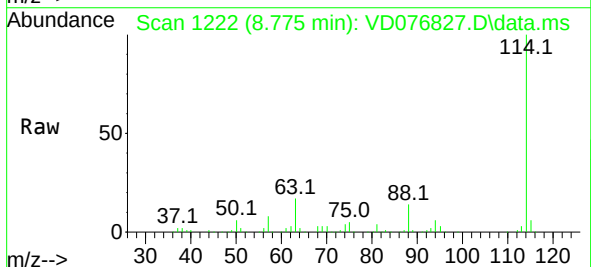
Tgt Ion: 65 Resp: 103824
Ion Ratio Lower Upper
65 100
67 57.3 0.0 115.0

Manual Integrations
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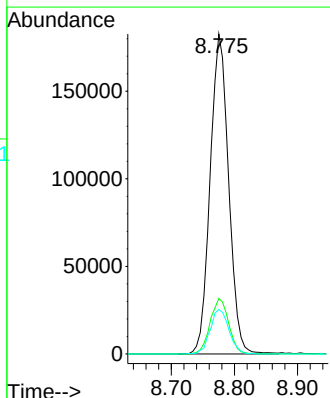
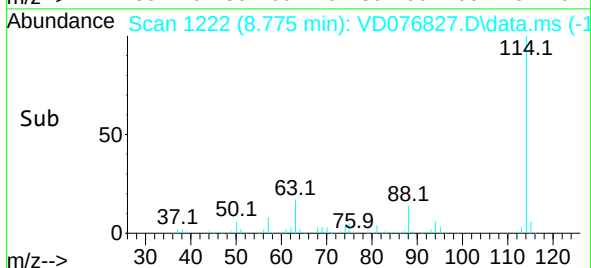
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

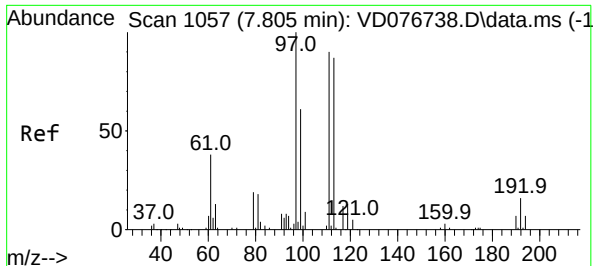


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54



Tgt Ion:114 Resp: 371530
Ion Ratio Lower Upper
114 100
63 17.3 0.0 33.4
88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 53.987 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tgt Ion: 113 Resp: 126044

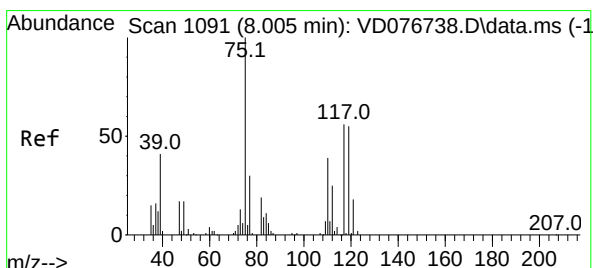
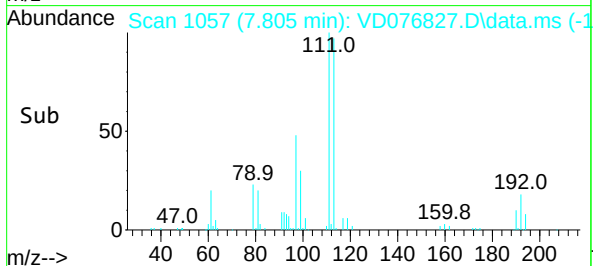
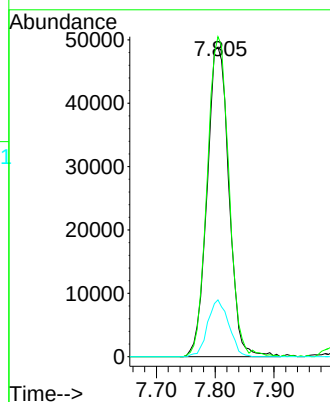
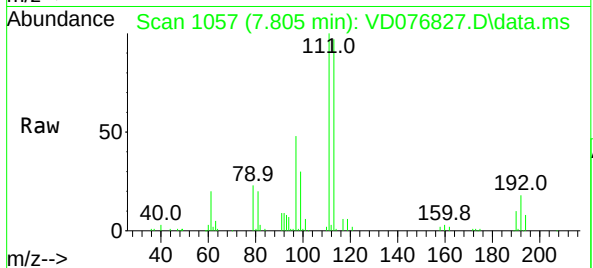
Ion	Ratio	Lower	Upper
113	100		
111	102.9	84.7	127.1
192	17.8	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#36

1,1-Dichloropropene

Concen: 21.893 ug/l

RT: 8.005 min Scan# 1091

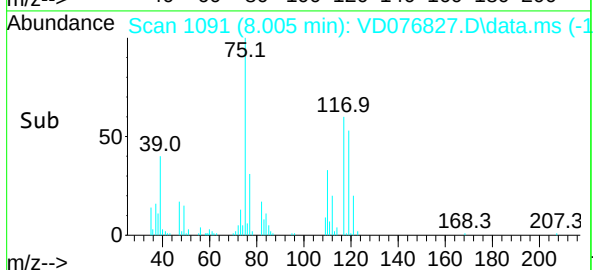
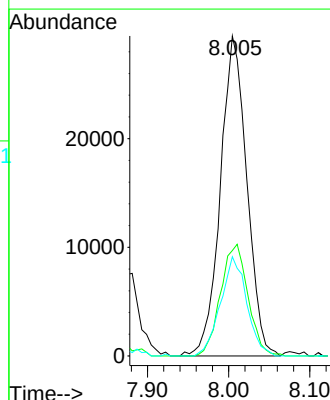
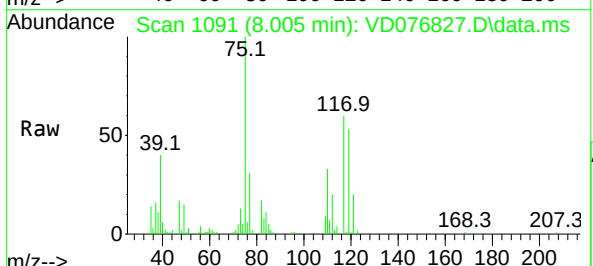
Delta R.T. -0.000 min

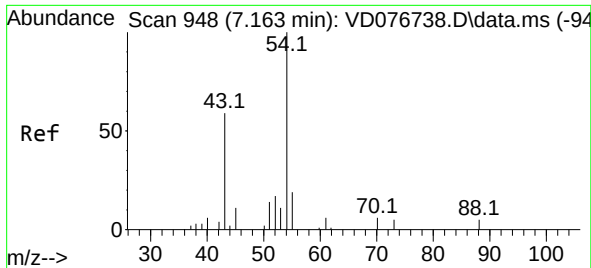
Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Tgt Ion: 75 Resp: 66791

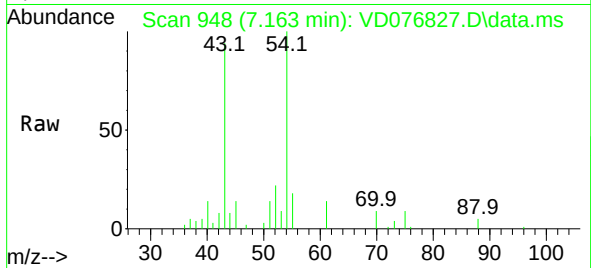
Ion	Ratio	Lower	Upper
75	100		
110	36.2	19.9	59.6
77	30.8	24.7	37.1





#37
Ethyl Acetate
Concen: 19.292 ug/l
RT: 7.163 min Scan# 948
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

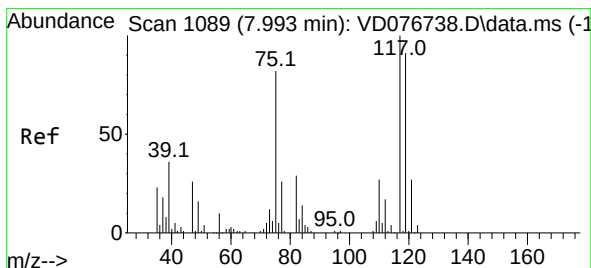
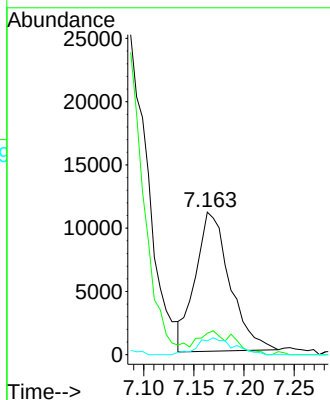
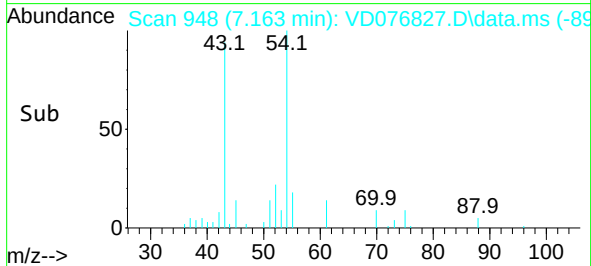
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



Tgt Ion: 43 Resp: 2632
Ion Ratio Lower Upper
43 100
61 17.2 14.9 22.3
70 12.6 10.0 15.0

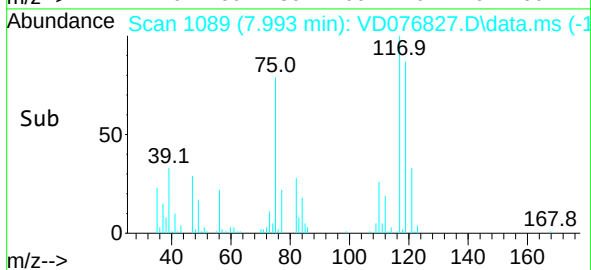
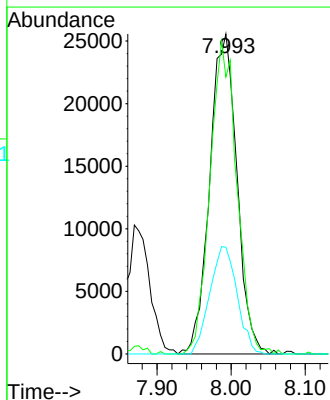
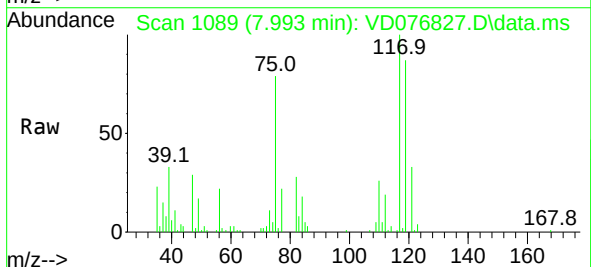
Manual Integrations
APPROVED

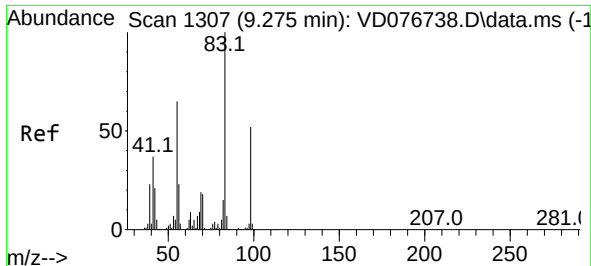
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#38
Carbon Tetrachloride
Concen: 22.323 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Tgt Ion:117 Resp: 65210
Ion Ratio Lower Upper
117 100
119 86.5 78.0 117.0
121 33.3 24.2 36.2





#39

Methylcyclohexane

Concen: 21.906 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

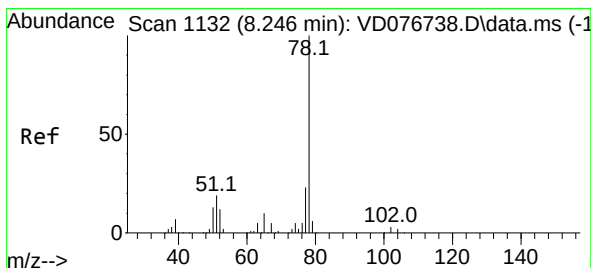
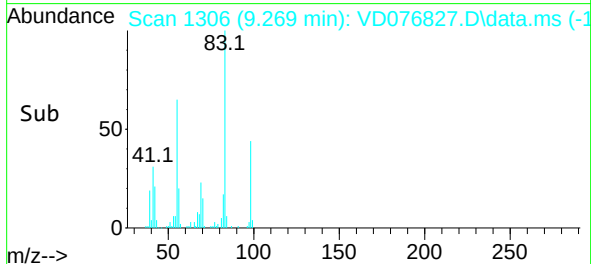
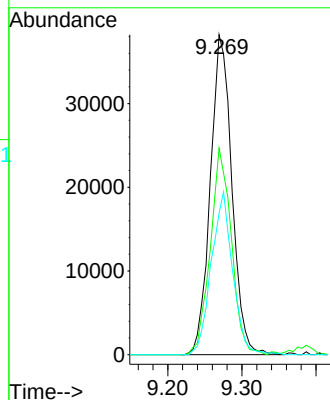
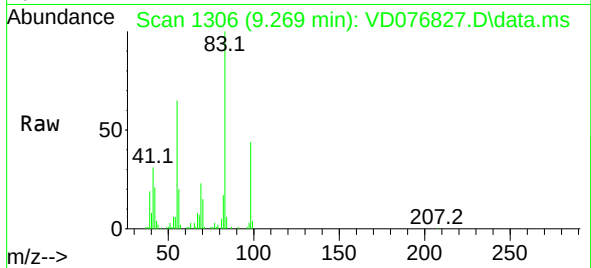
Tgt Ion:	83	Resp:	77169
Ion	Ratio	Lower	Upper
83	100		
55	64.6	49.4	74.0
98	44.3	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#40

Benzene

Concen: 20.682 ug/l

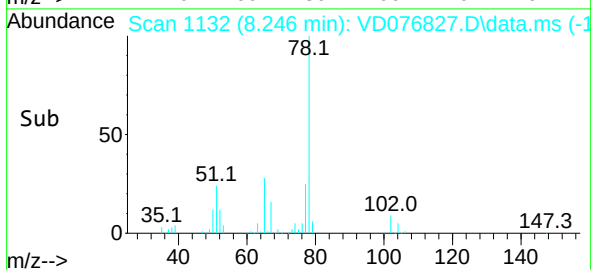
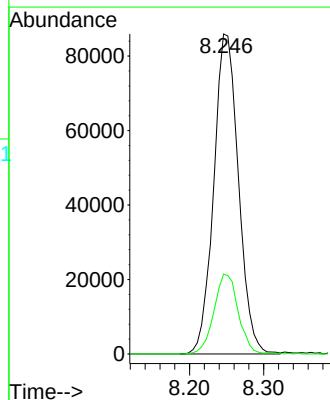
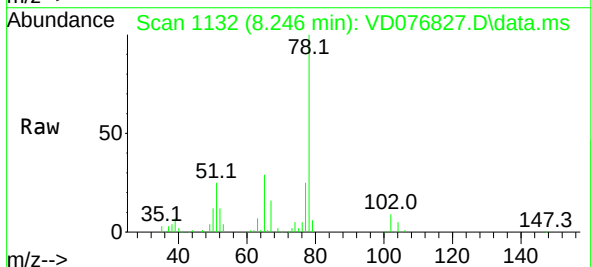
RT: 8.246 min Scan# 1132

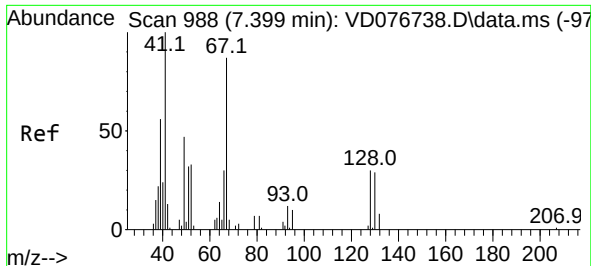
Delta R.T. -0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

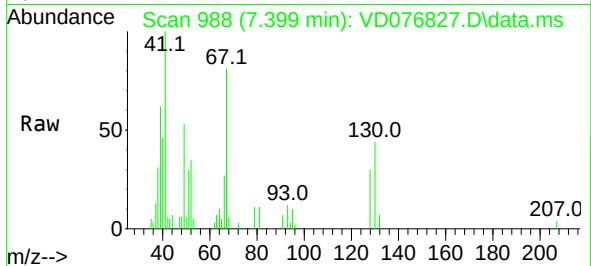
Tgt Ion:	78	Resp:	199084
Ion	Ratio	Lower	Upper
78	100		
77	24.9	19.4	29.0





#41
Methacrylonitrile
Concen: 19.159 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

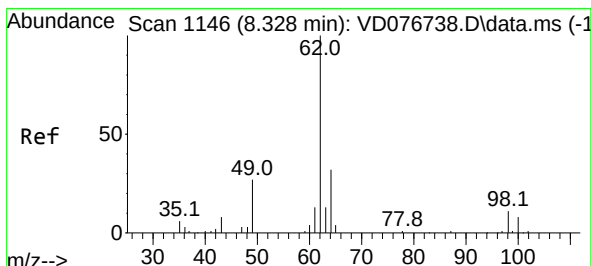
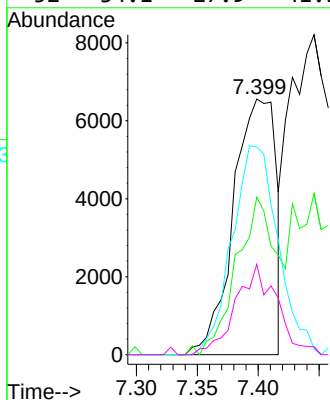
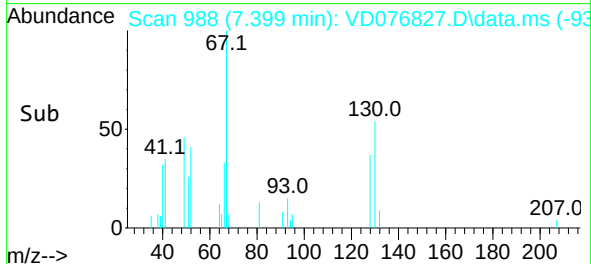
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



Tgt Ion: 41 Resp: 1596
Ion Ratio Lower Upper
41 100
39 59.0 34.0 51.0
67 88.1 77.0 115.4
52 34.1 27.9 41.9

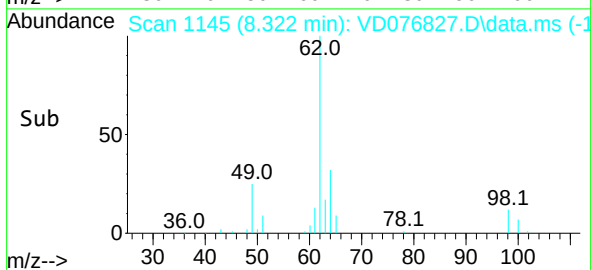
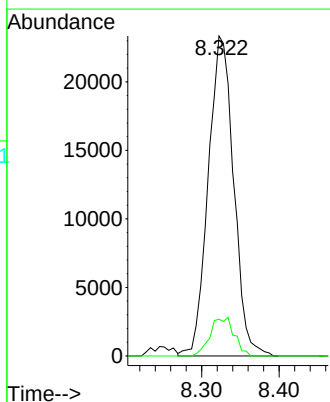
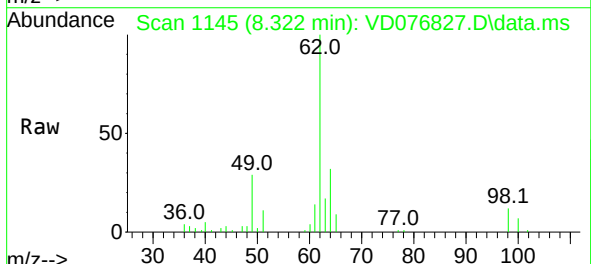
Manual Integrations
APPROVED

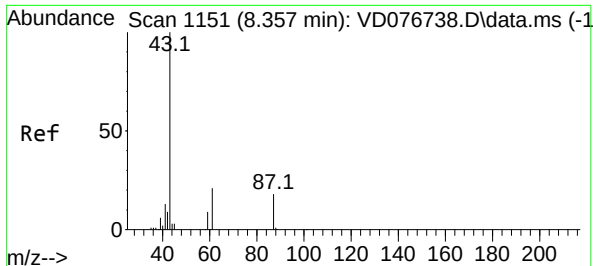
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#42
1,2-Dichloroethane
Concen: 21.292 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Tgt Ion: 62 Resp: 53254
Ion Ratio Lower Upper
62 100
98 11.3 0.0 25.4





#43

Isopropyl Acetate

Concen: 21.750 ug/l

RT: 8.363 min Scan# 1151

Delta R.T. 0.006 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

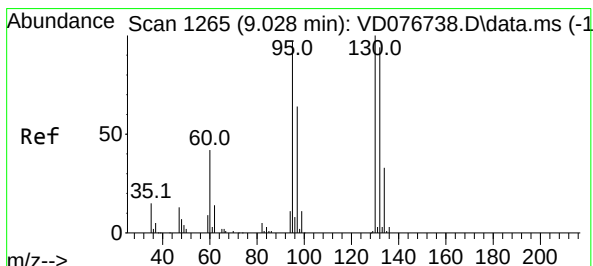
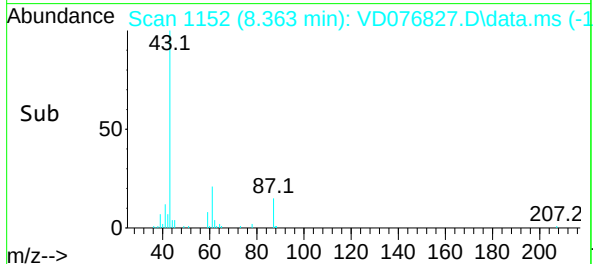
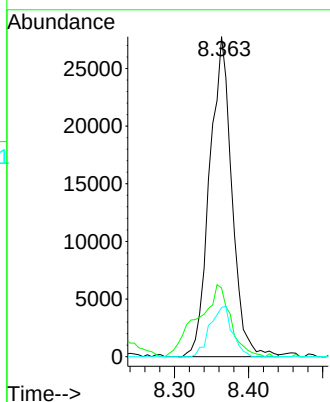
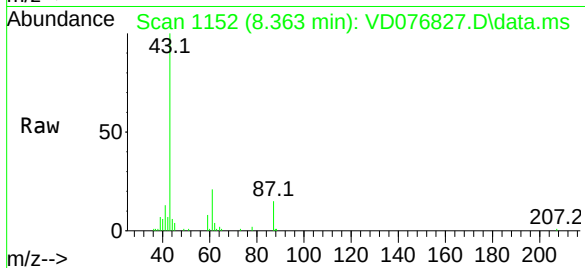
Tgt Ion: 43	Resp: 5791
Ion Ratio	Lower Upper
43 100	
61 33.1	31.4 47.0
87 15.7	14.9 22.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#44

Trichloroethene

Concen: 20.774 ug/l

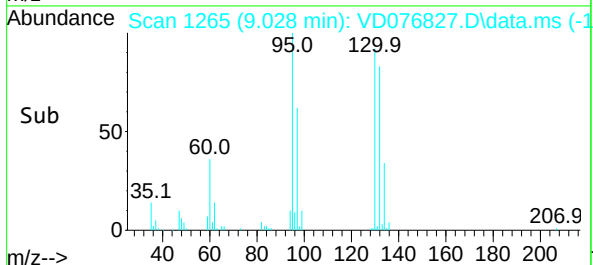
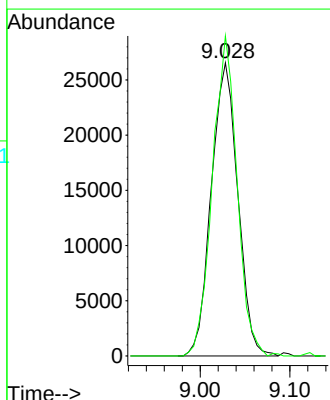
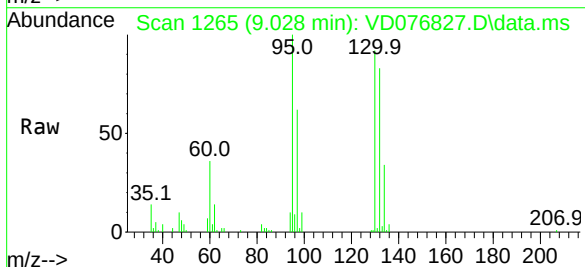
RT: 9.028 min Scan# 1265

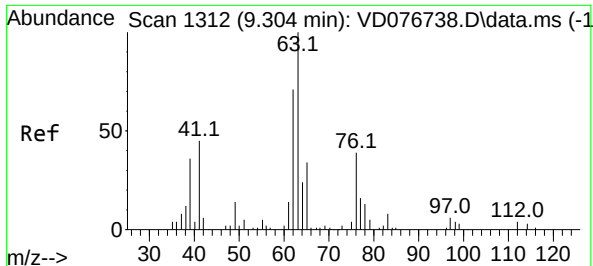
Delta R.T. 0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Tgt Ion:130	Resp: 54494
Ion Ratio	Lower Upper
130 100	
95 109.2	0.0 179.2





#45

1,2-Dichloropropane

Concen: 20.614 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.001 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

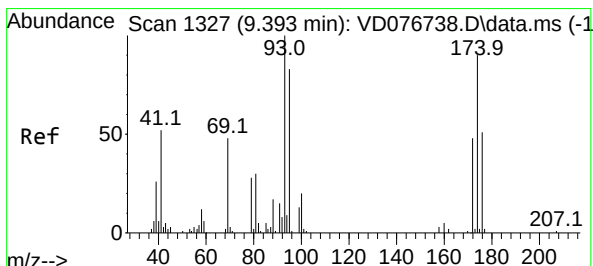
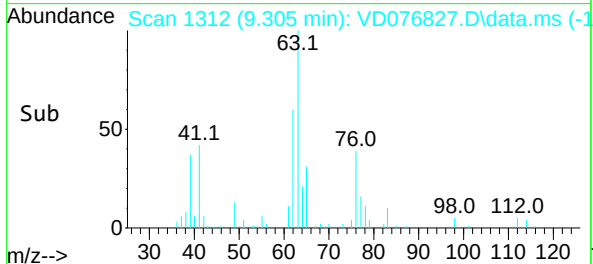
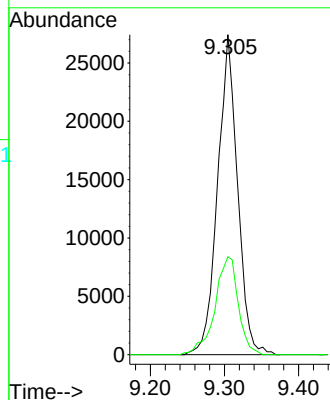
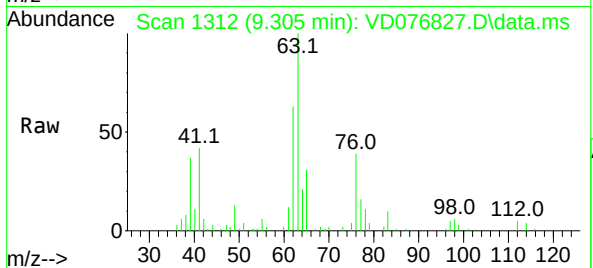
Tgt Ion: 63 Resp: 5122
 Ion Ratio Lower Upper
 63 100
 65 30.6 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#46

Dibromomethane

Concen: 21.266 ug/l

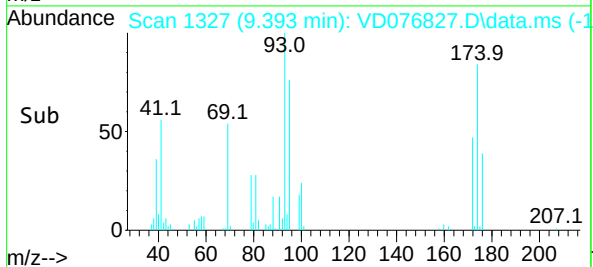
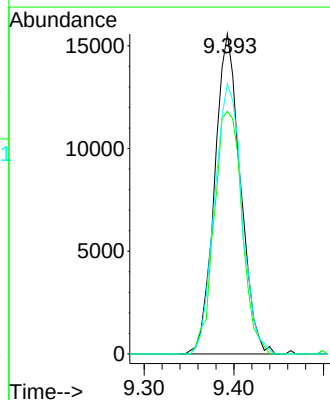
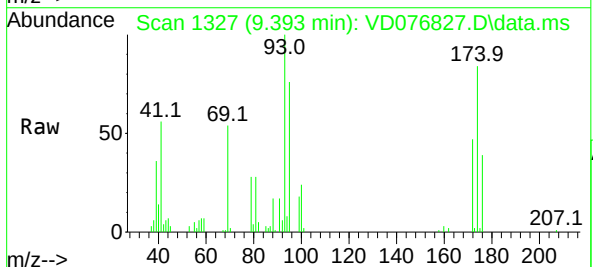
RT: 9.393 min Scan# 1327

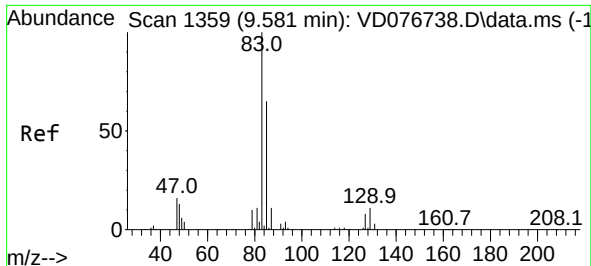
Delta R.T. -0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Tgt Ion: 93 Resp: 30931
 Ion Ratio Lower Upper
 93 100
 95 82.5 67.7 101.5
 174 89.9 85.4 128.2





#47

Bromodichloromethane

Concen: 20.819 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

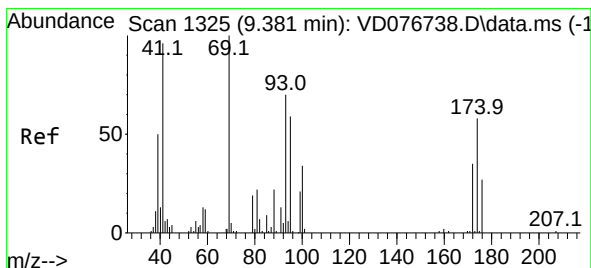
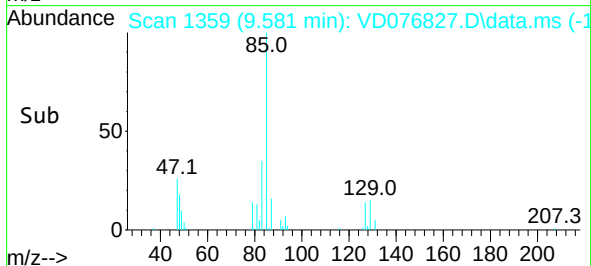
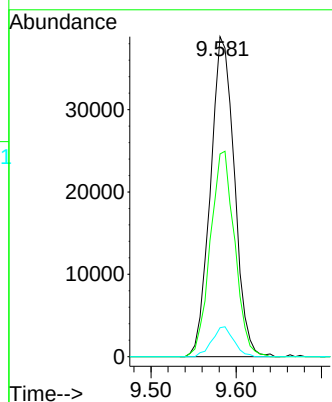
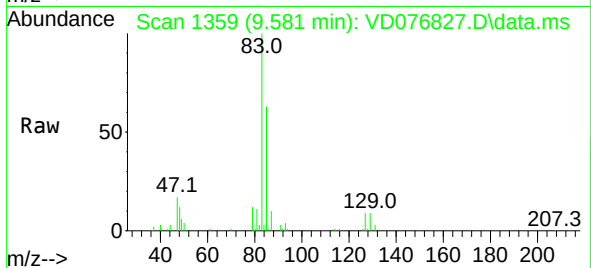
Tgt Ion:	83	Resp:	75989
Ion	Ratio	Lower	Upper
83	100		
85	63.4	50.2	75.4
127	9.1	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#48

Methyl methacrylate

Concen: 20.164 ug/l

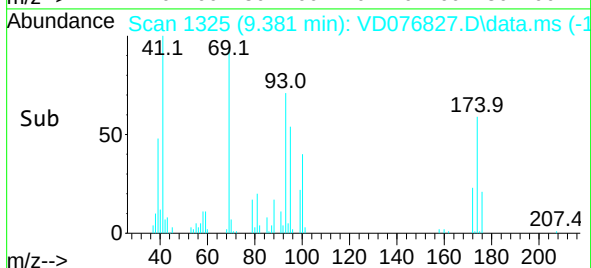
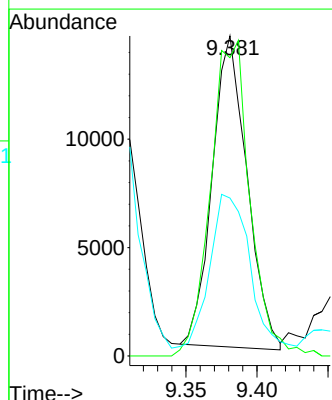
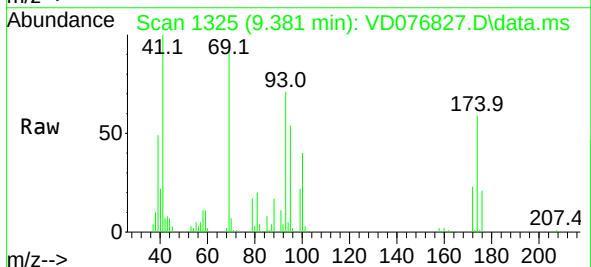
RT: 9.381 min Scan# 1325

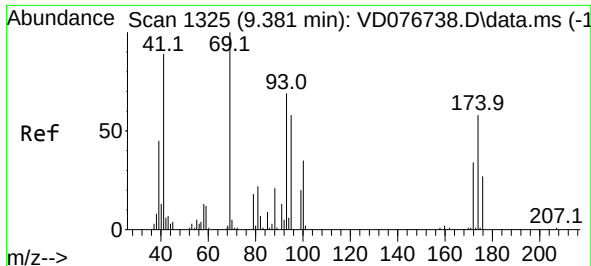
Delta R.T. -0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

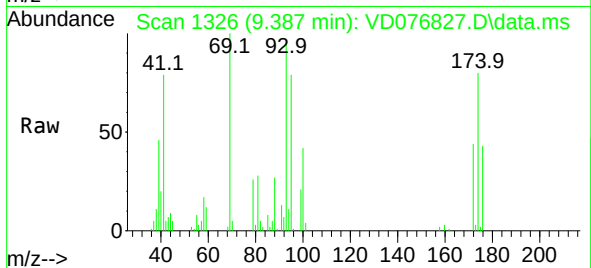
Tgt Ion:	41	Resp:	24436
Ion	Ratio	Lower	Upper
41	100		
69	114.7	102.2	153.2
39	60.8	41.4	62.2





#49
1,4-Dioxane
Concen: 376.871 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

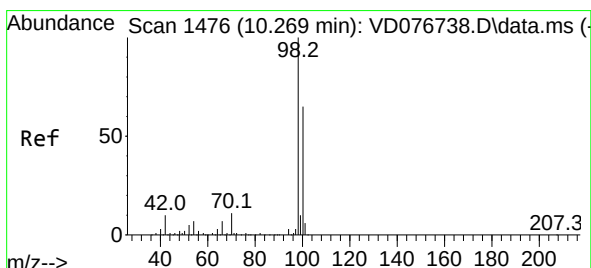
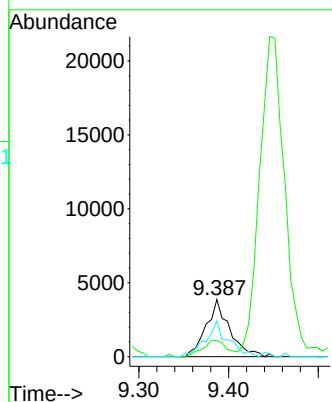
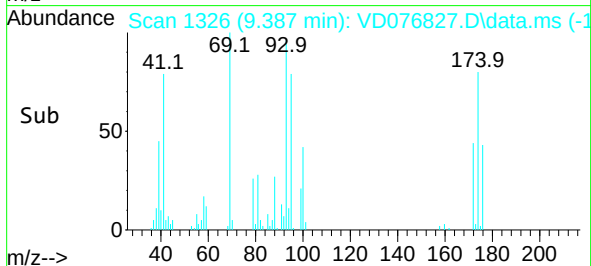
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



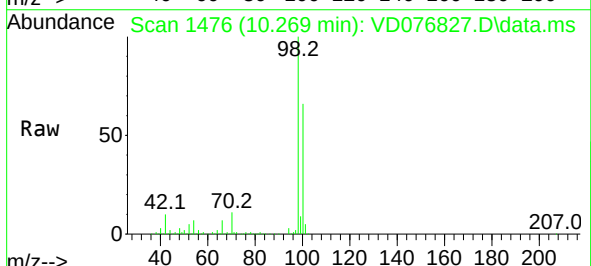
Tgt Ion: 88 Resp: 702
Ion Ratio Lower Upper
88 100
43 30.4 19.0 28.6
58 59.3 43.5 65.3

Manual Integrations
APPROVED

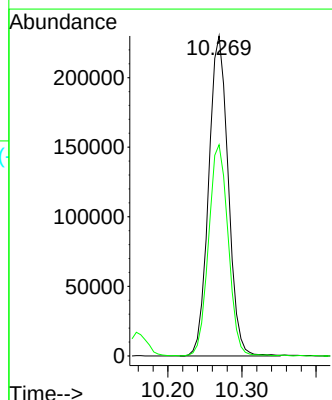
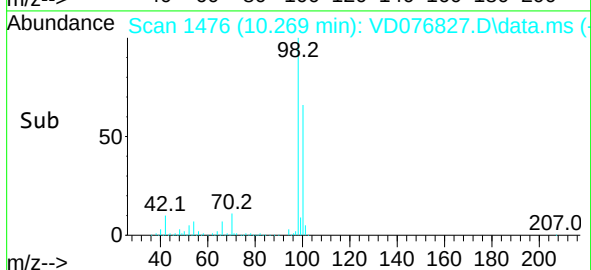
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

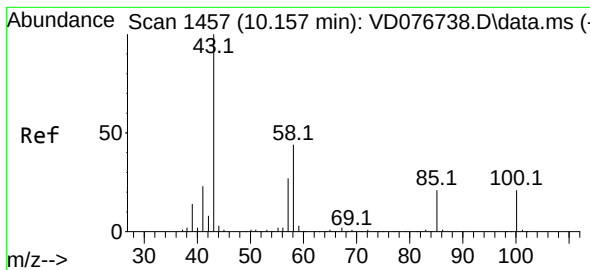


#50
Toluene-d8
Concen: 50.413 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54



Tgt Ion: 98 Resp: 421059
Ion Ratio Lower Upper
98 100
100 66.2 50.3 75.5





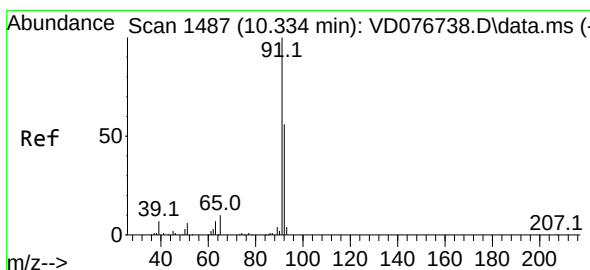
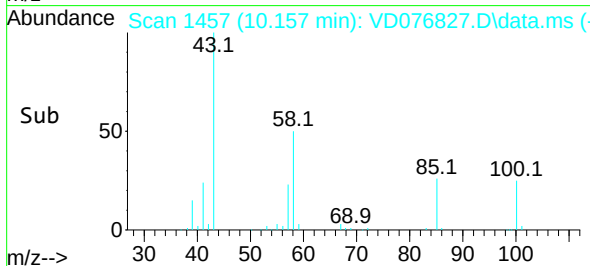
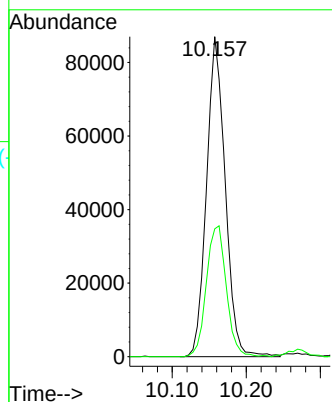
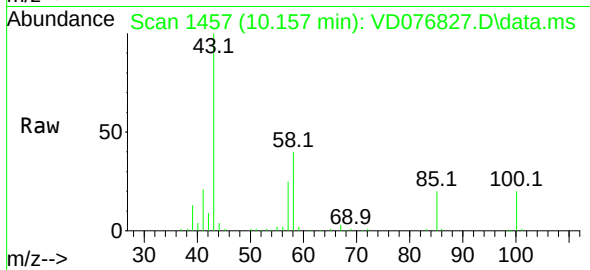
#51
4-Methyl-2-Pentanone
Concen: 107.503 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion: 43 Resp: 15240
Ion Ratio Lower Upper
43 100
58 43.7 38.9 58.3

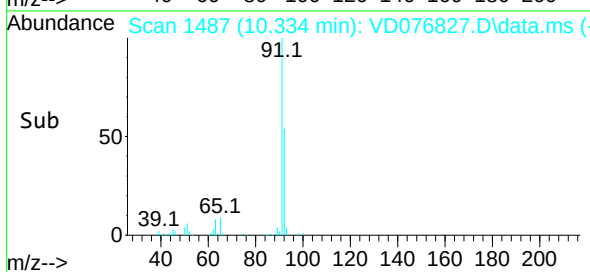
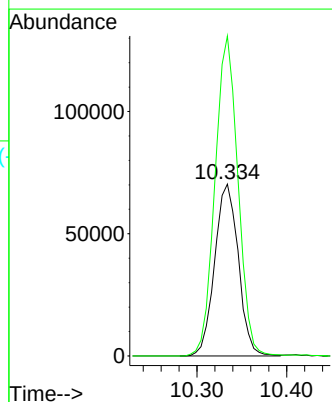
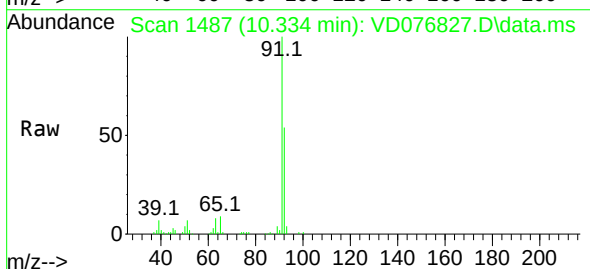
Manual Integrations
APPROVED

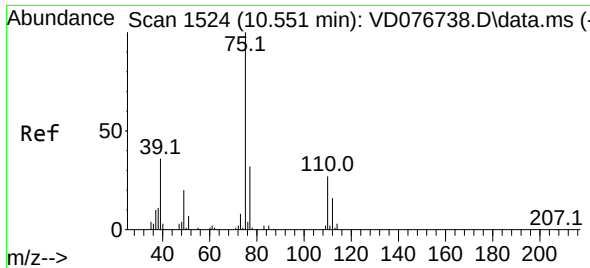
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#52
Toluene
Concen: 20.366 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

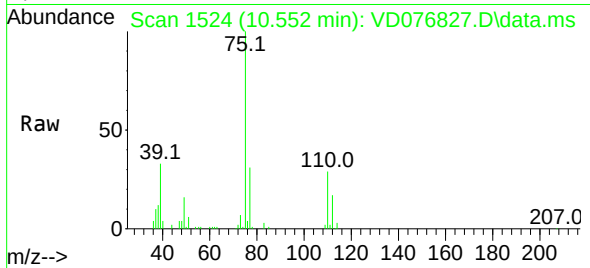
Tgt Ion: 92 Resp: 128762
Ion Ratio Lower Upper
92 100
91 180.4 143.0 214.4





#53
 t-1,3-Dichloropropene
 Concen: 20.793 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: VD076827.D
 Acq: 27 Jul 2023 11:54

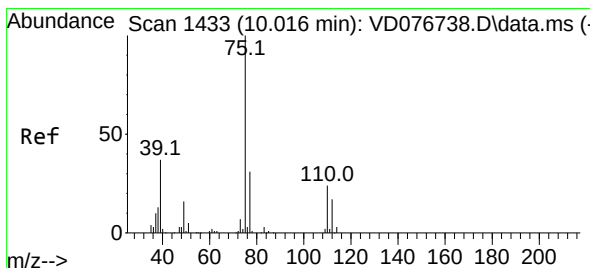
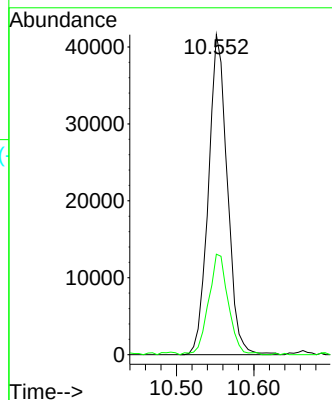
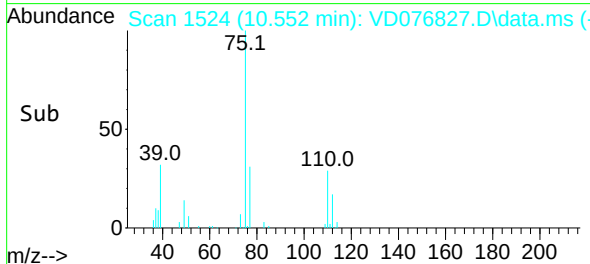
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01



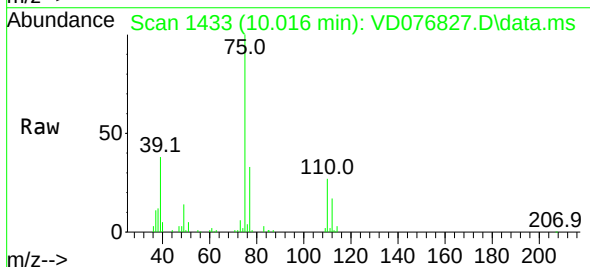
Tgt Ion: 75 Resp: 7044
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9

Manual Integrations
 APPROVED

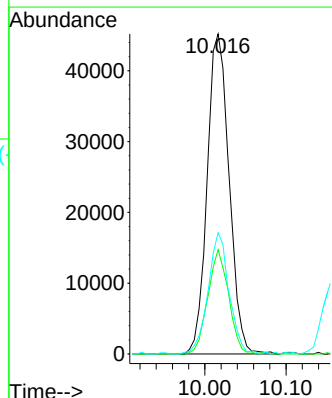
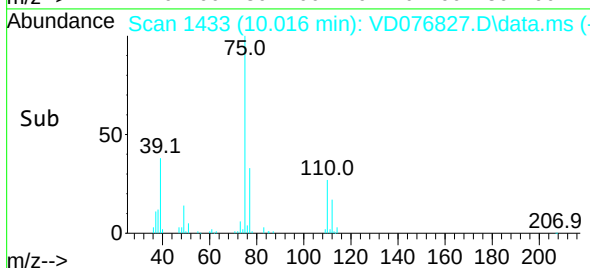
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023

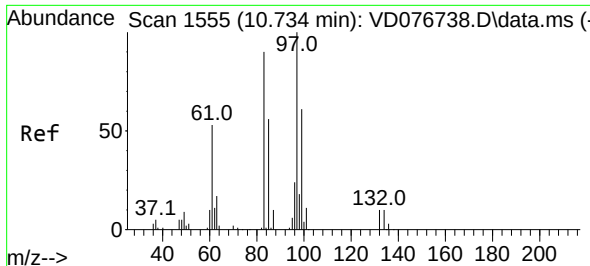


#54
 cis-1,3-Dichloropropene
 Concen: 21.259 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD076827.D
 Acq: 27 Jul 2023 11:54



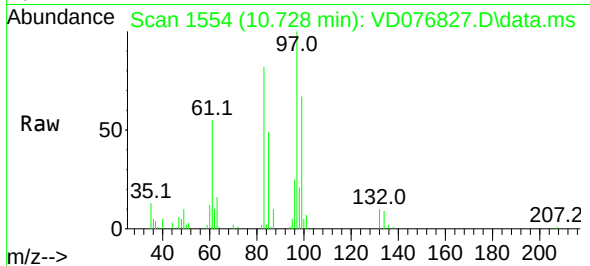
Tgt Ion: 75 Resp: 84881
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.5 38.3
 39 37.9 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 21.612 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

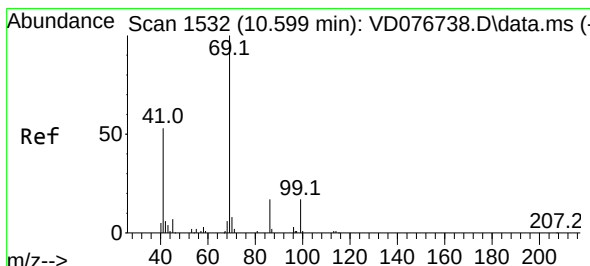
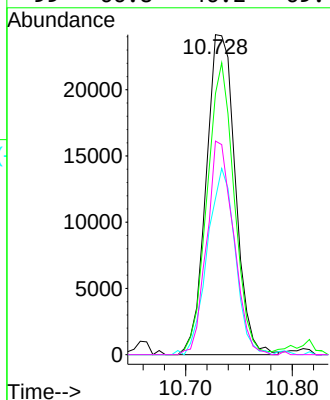
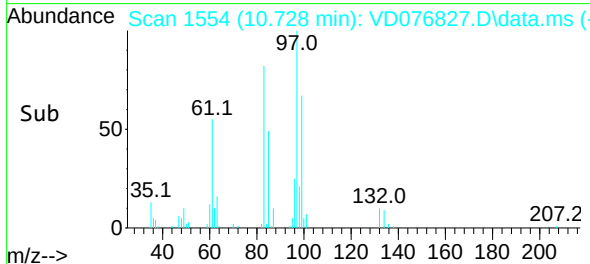
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



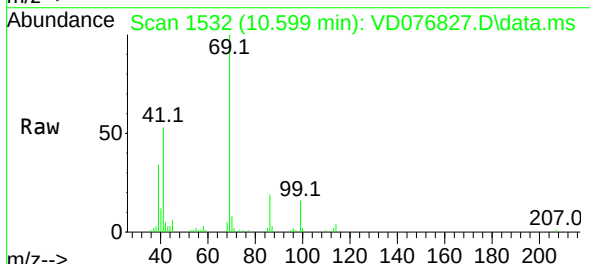
Tgt Ion:	97	Resp:	4590
Ion Ratio	Lower	Upper	
97	100		
83	81.6	65.8	98.6
85	47.9	45.7	68.5
99	66.8	46.2	69.4

Manual Integrations
APPROVED

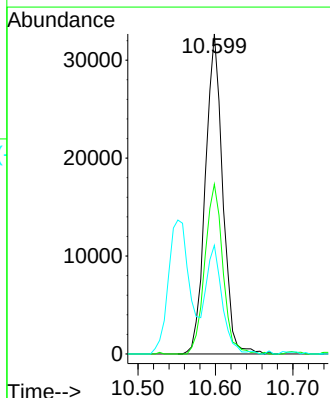
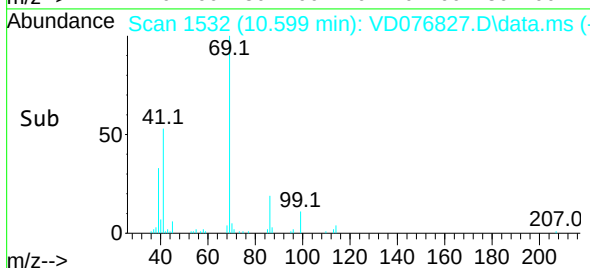
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

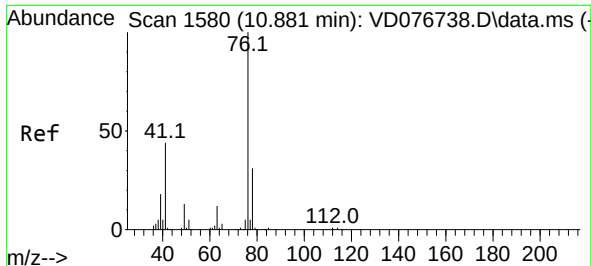


#56
Ethyl methacrylate
Concen: 20.721 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54



Tgt Ion:	69	Resp:	50795
Ion Ratio	Lower	Upper	
69	100		
41	55.0	39.1	58.7
39	31.1	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 20.816 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tgt Ion: 76 Resp: 71998

Ion Ratio Lower Upper

76 100

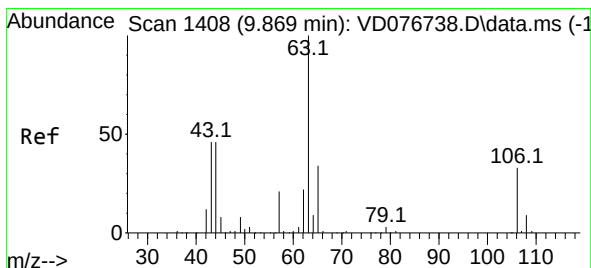
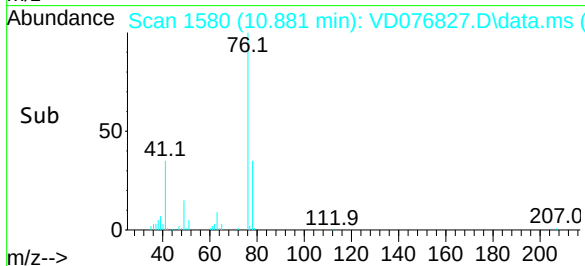
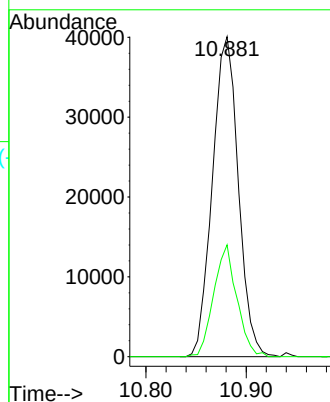
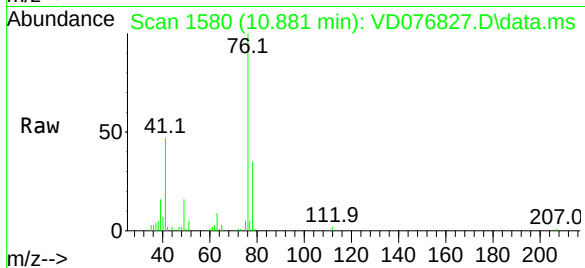
78 31.2 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#58

2-Chloroethyl Vinyl ether

Concen: 108.160 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD076827.D

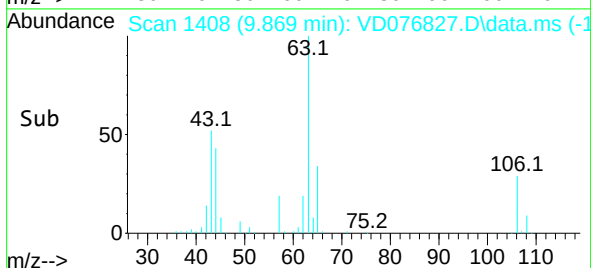
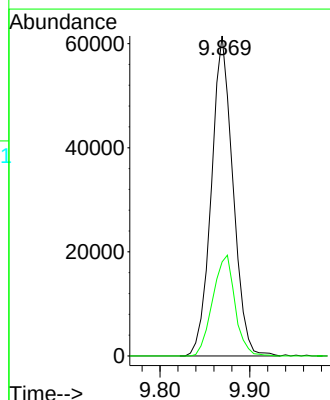
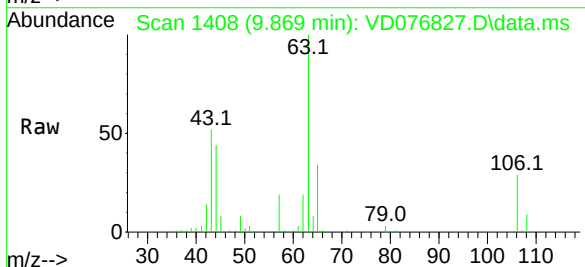
Acq: 27 Jul 2023 11:54

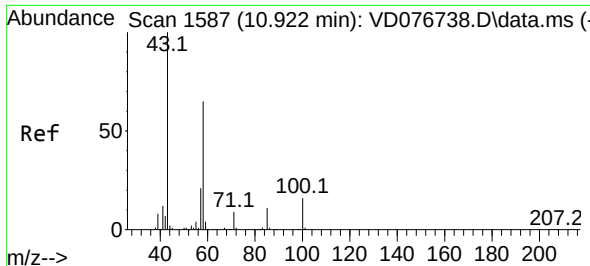
Tgt Ion: 63 Resp: 102632

Ion Ratio Lower Upper

63 100

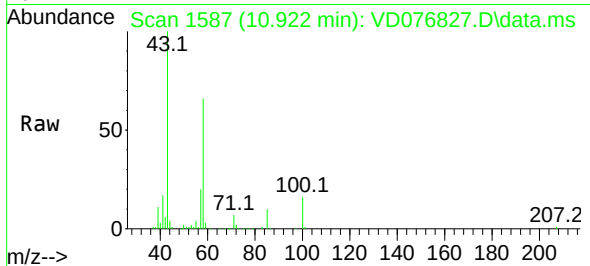
106 32.4 25.3 37.9





#59
2-Hexanone
Concen: 108.454 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

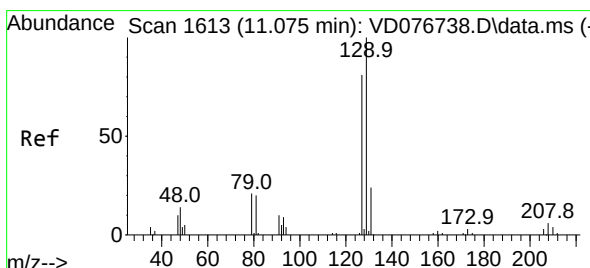
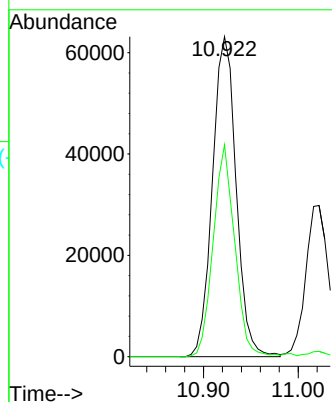
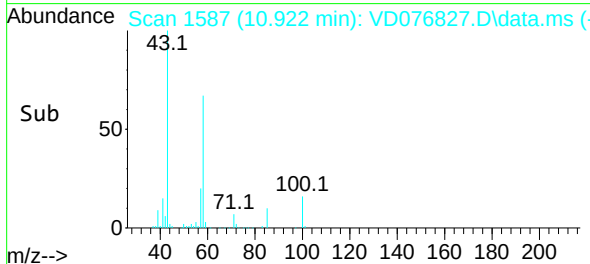
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



Tgt Ion: 43 Resp: 10971
Ion Ratio Lower Upper
43 100
58 60.1 34.1 102.2

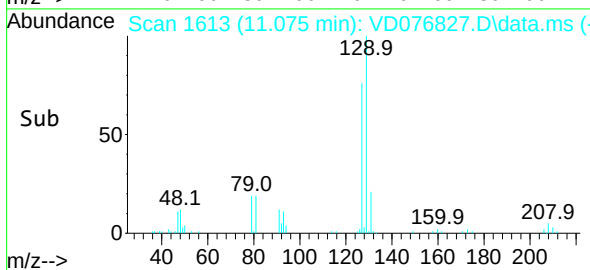
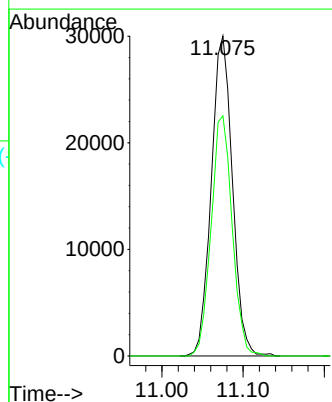
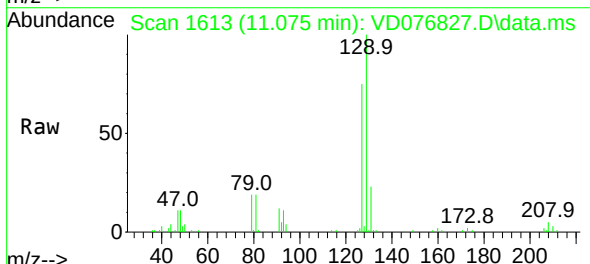
Manual Integrations
APPROVED

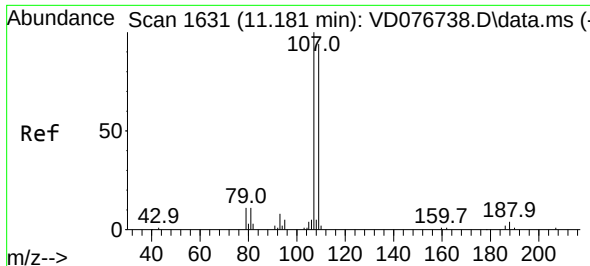
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#60
Dibromochloromethane
Concen: 21.982 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Tgt Ion:129 Resp: 54237
Ion Ratio Lower Upper
129 100
127 74.9 37.1 111.5





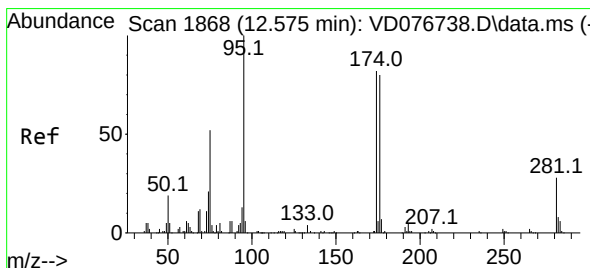
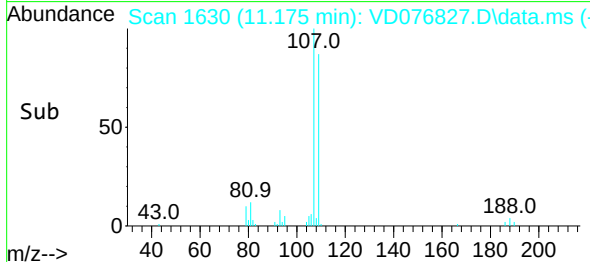
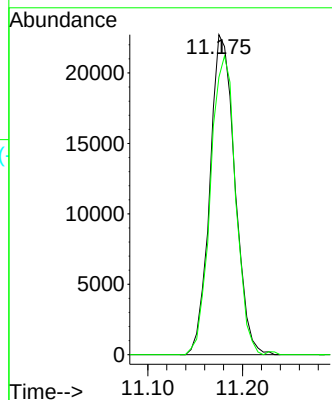
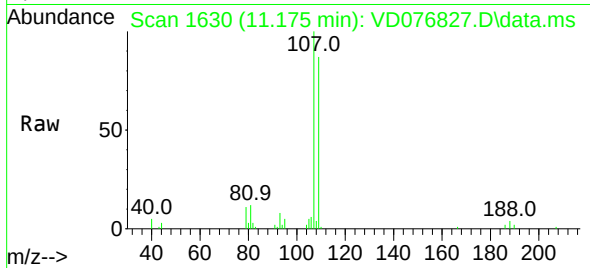
#61
1,2-Dibromoethane
Concen: 21.207 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion:107 Resp: 41760
Ion Ratio Lower Upper
107 100
109 93.8 75.6 113.4

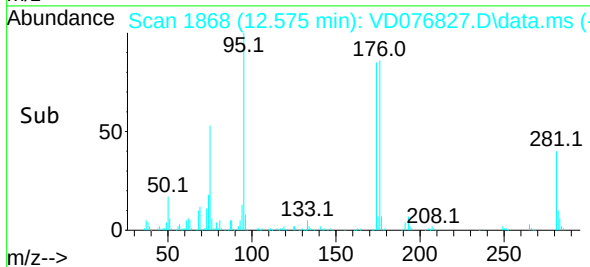
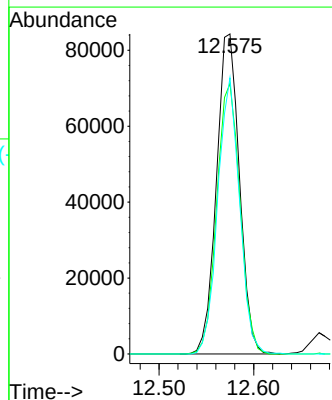
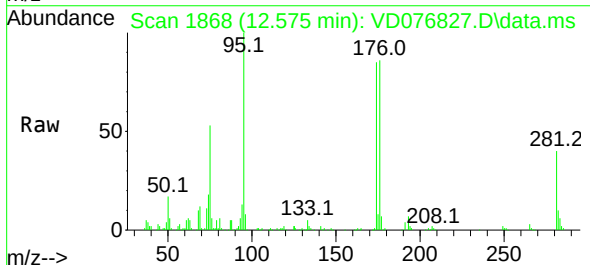
Manual Integrations
APPROVED

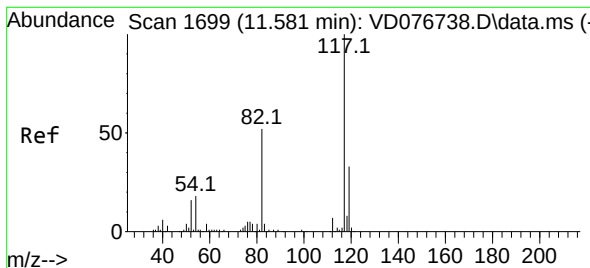
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#62
4-Bromofluorobenzene
Concen: 52.683 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

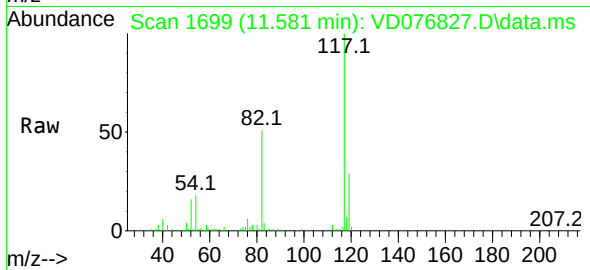
Tgt Ion: 95 Resp: 142345
Ion Ratio Lower Upper
95 100
174 85.2 0.0 201.8
176 81.7 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

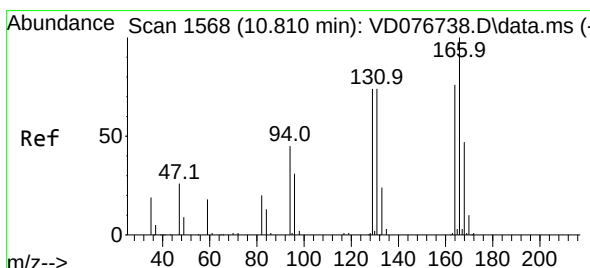
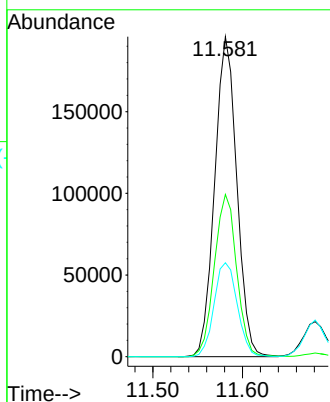
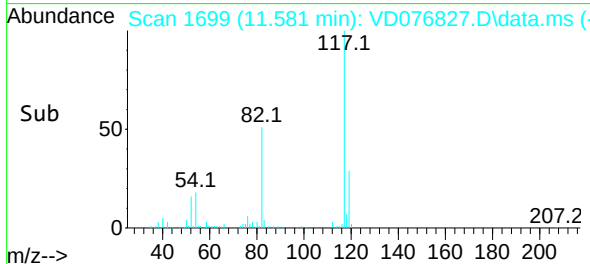
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



Tgt Ion:117 Resp: 335010
Ion Ratio Lower Upper
117 100
82 50.7 38.3 57.5
119 29.3 25.0 37.4

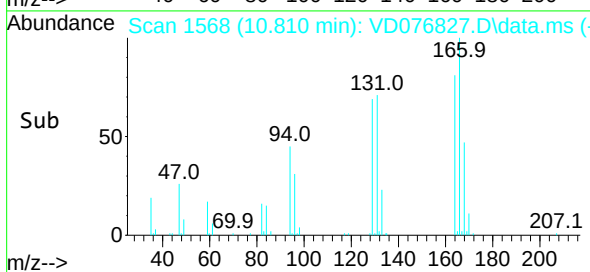
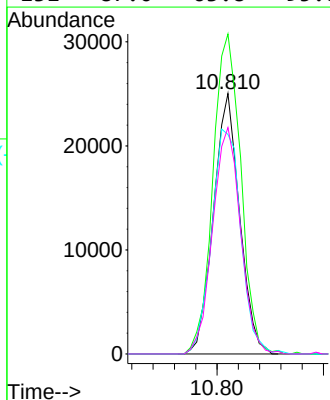
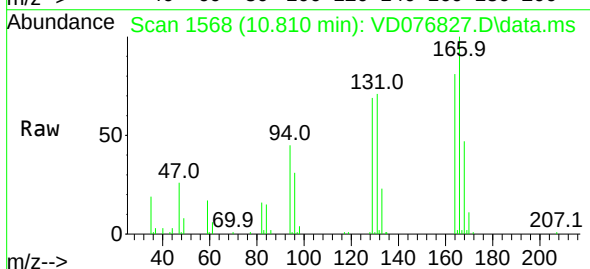
Manual Integrations
APPROVED

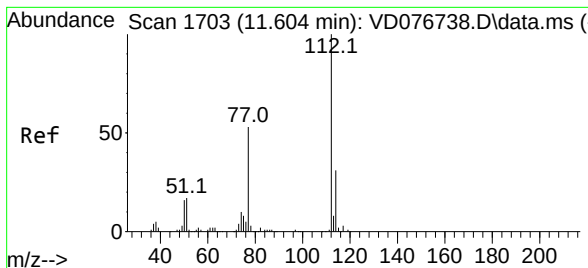
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#64
Tetrachloroethene
Concen: 22.366 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

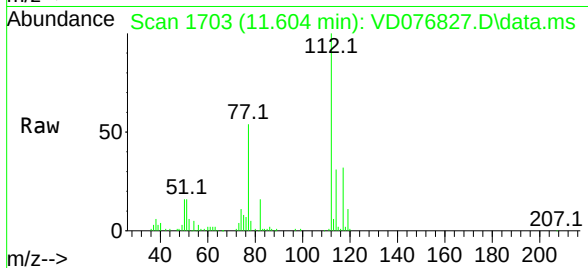
Tgt Ion:164 Resp: 42726
Ion Ratio Lower Upper
164 100
166 122.9 99.2 148.8
129 84.3 68.4 102.6
131 87.0 63.8 95.8





#65
Chlorobenzene
Concen: 22.004 ug/l
RT: 11.604 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

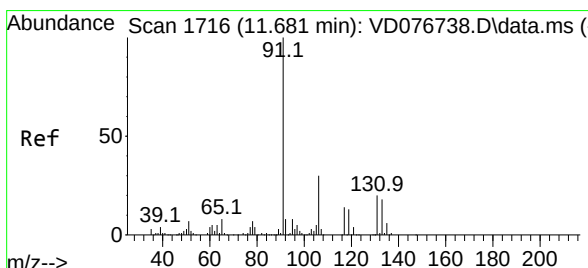
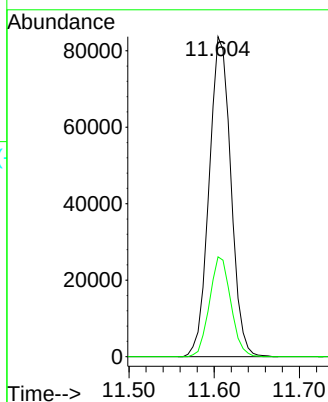
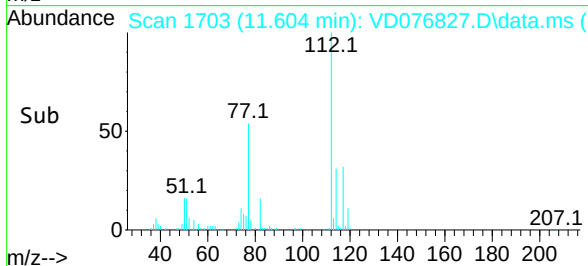
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



Tgt Ion:112 Resp: 14825
Ion Ratio Lower Upper
112 100
114 31.2 25.1 37.7

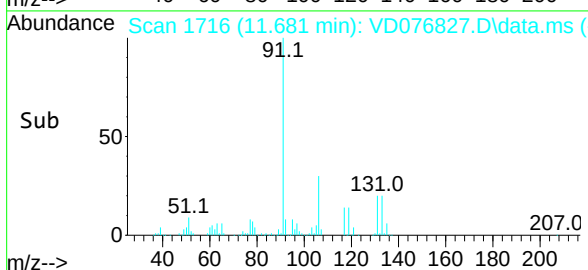
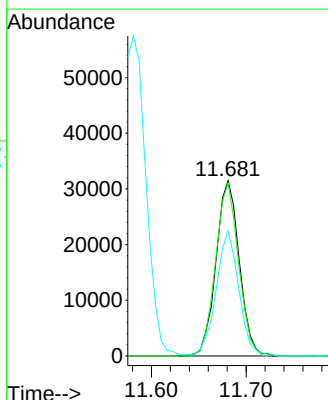
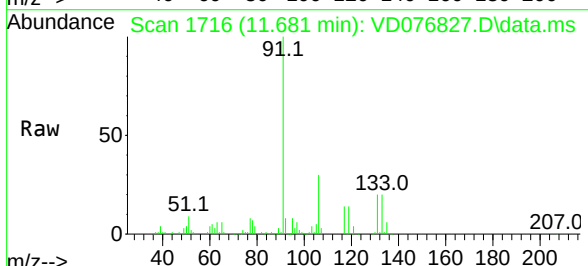
Manual Integrations
APPROVED

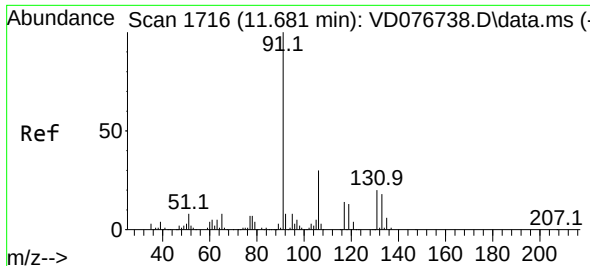
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 21.425 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

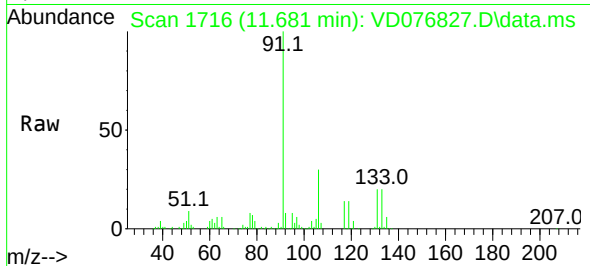
Tgt Ion:131 Resp: 53746
Ion Ratio Lower Upper
131 100
133 97.3 48.5 145.5
119 69.2 35.6 106.9





#67
Ethyl Benzene
Concen: 21.798 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

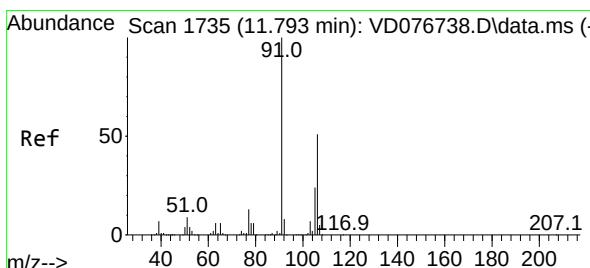
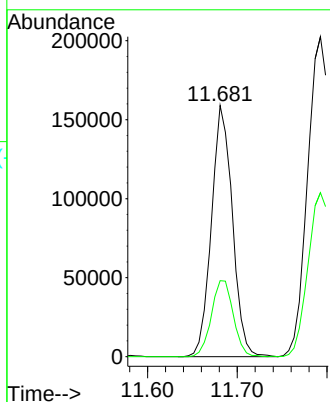
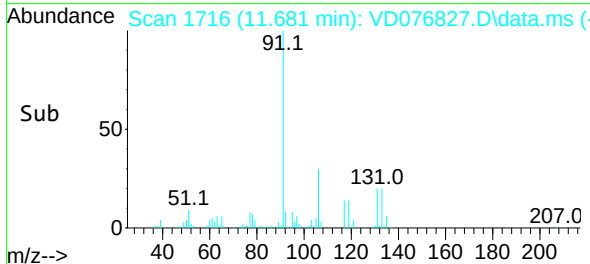
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



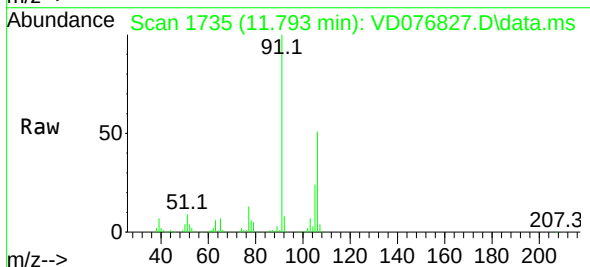
Tgt Ion: 91 Resp: 257933
Ion Ratio Lower Upper
91 100
106 30.3 26.5 39.7

Manual Integrations
APPROVED

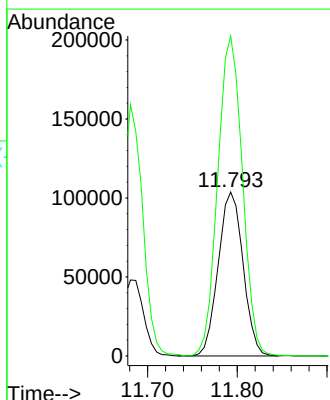
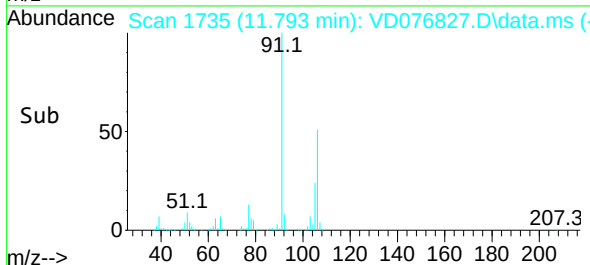
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

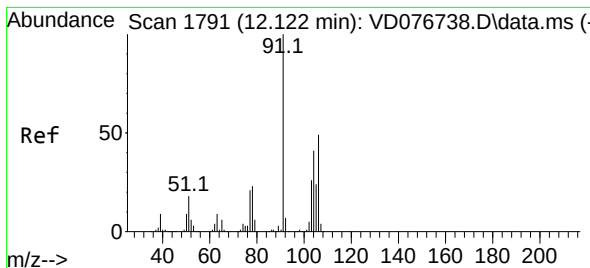


#68
m/p-Xylenes
Concen: 43.939 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54



Tgt Ion:106 Resp: 199686
Ion Ratio Lower Upper
106 100
91 193.6 147.0 220.6





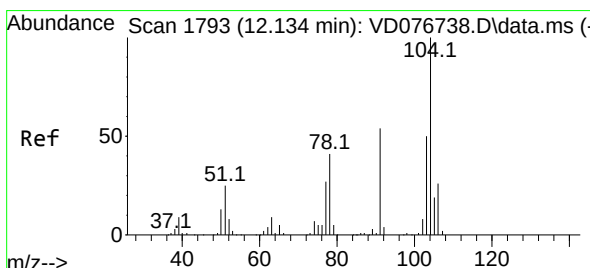
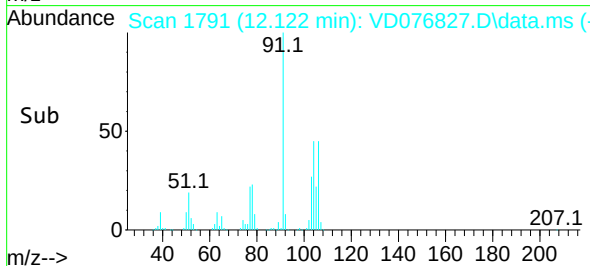
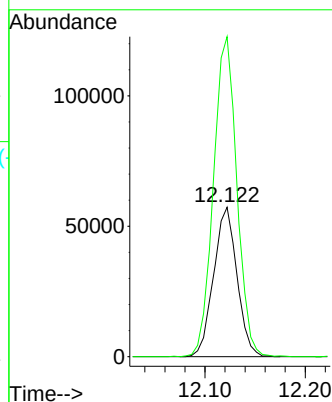
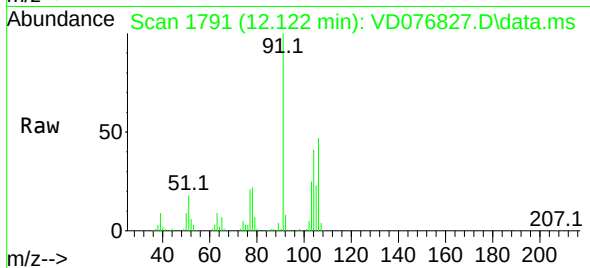
#69
o-Xylene
Concen: 21.086 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion:106 Resp: 92668
Ion Ratio Lower Upper
106 100
91 214.5 97.9 293.6

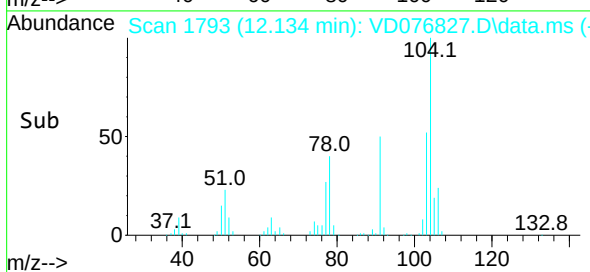
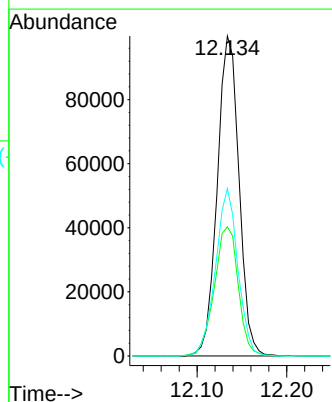
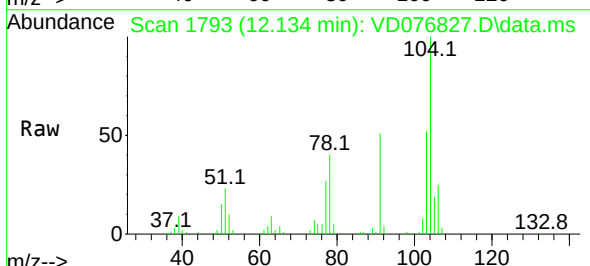
Manual Integrations
APPROVED

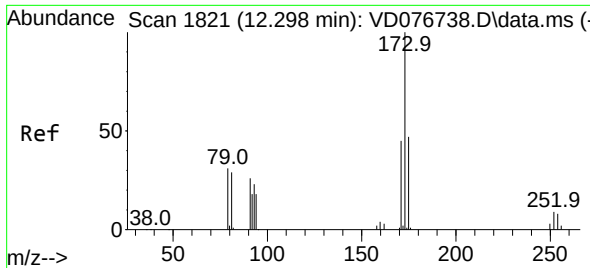
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#70
Styrene
Concen: 21.827 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

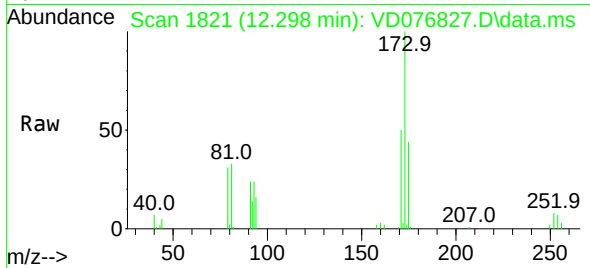
Tgt Ion:104 Resp: 167920
Ion Ratio Lower Upper
104 100
78 44.5 33.2 49.8
103 53.8 43.6 65.4





#71
Bromoform
Concen: 22.337 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

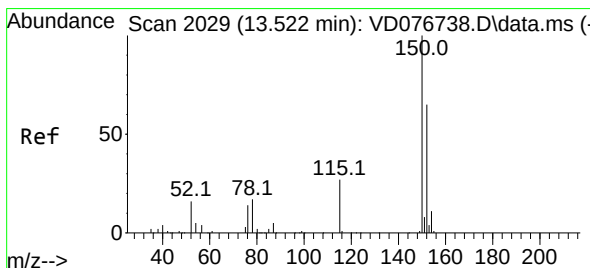
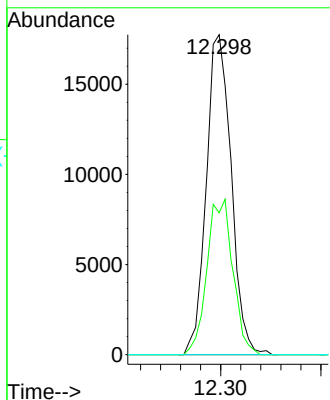
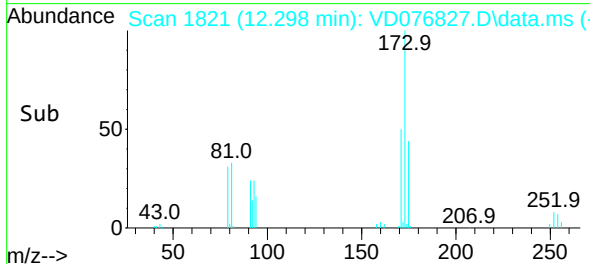
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



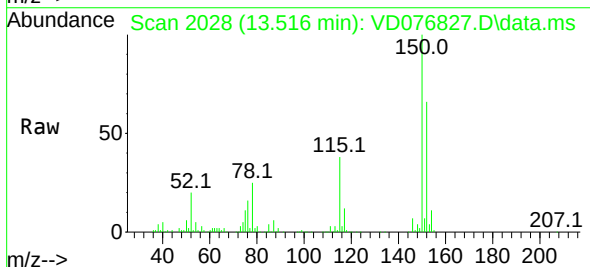
Tgt Ion:173 Resp: 30689
Ion Ratio Lower Upper
173 100
175 50.5 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

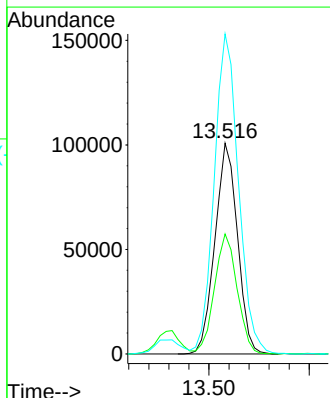
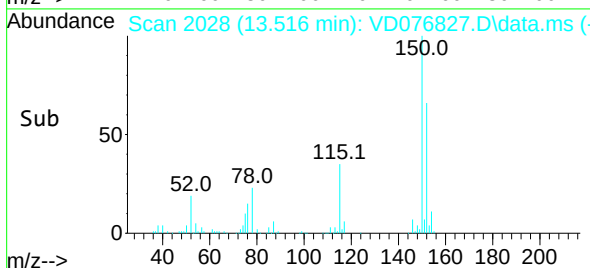
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

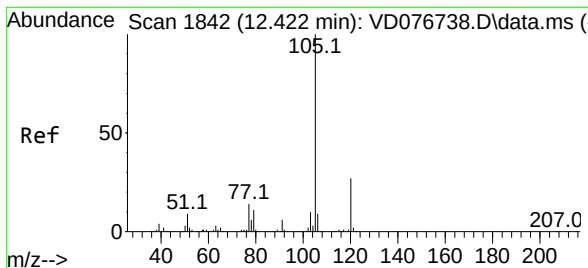


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54



Tgt Ion:152 Resp: 157102
Ion Ratio Lower Upper
152 100
115 57.2 27.1 81.3
150 163.7 0.0 353.6





#73

Isopropylbenzene

Concen: 22.814 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

Tgt Ion:105 Resp: 26003

Ion Ratio Lower Upper

105 100

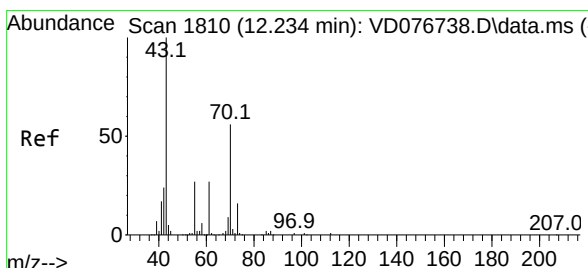
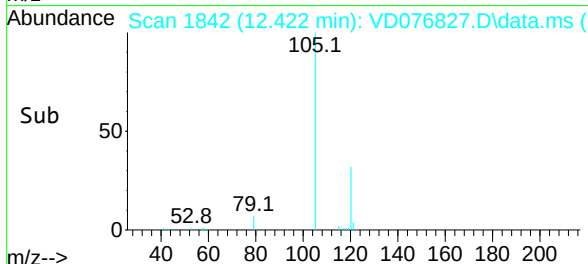
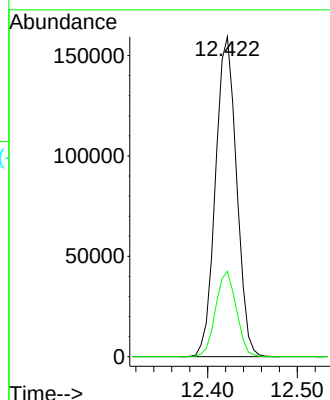
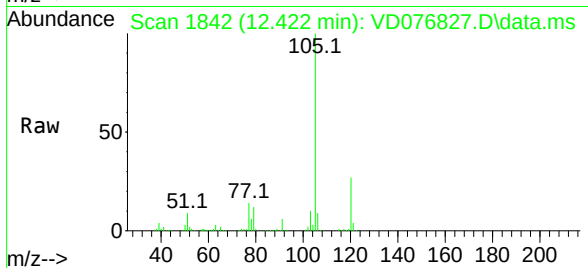
120 26.1 14.3 42.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#74

N-ethyl acetate

Concen: 21.857 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Tgt Ion: 43 Resp: 52485

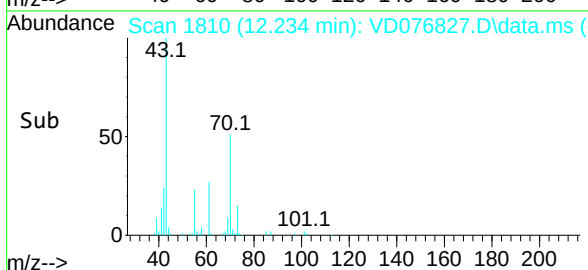
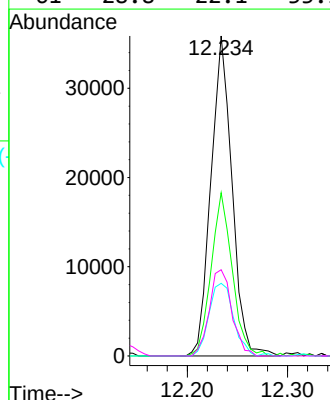
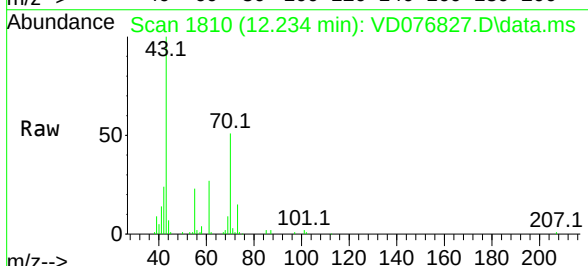
Ion Ratio Lower Upper

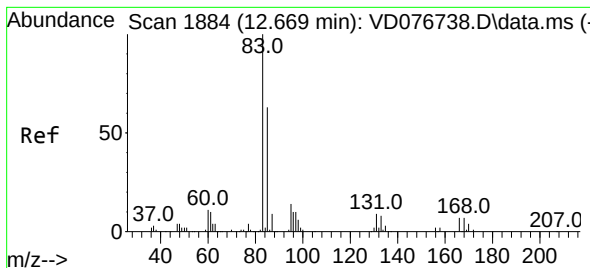
43 100

70 51.1 45.0 67.4

55 26.3 23.8 35.6

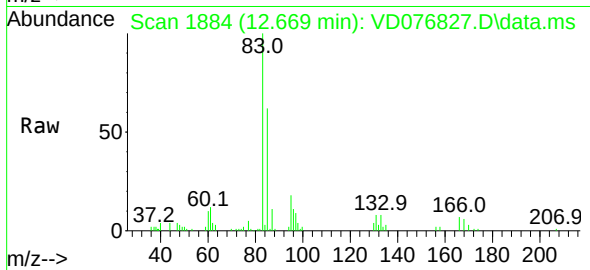
61 28.8 22.1 33.1





#75
1,1,2,2-Tetrachloroethane
Concen: 21.592 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

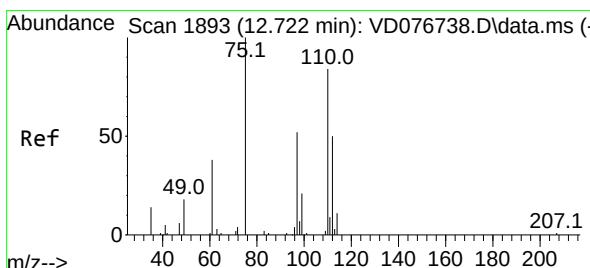
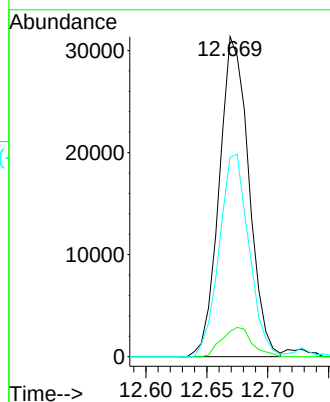
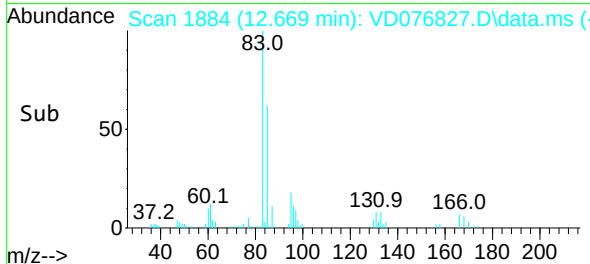
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



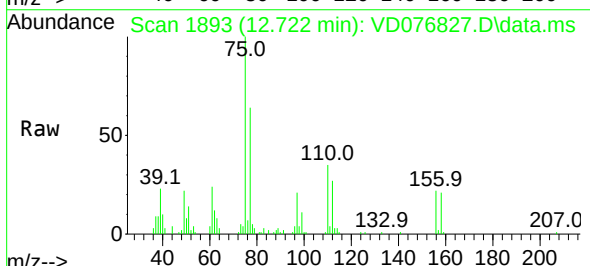
Tgt Ion: 83 Resp: 5284
Ion Ratio Lower Upper
83 100
131 9.3 5.1 15.3
85 63.8 32.6 97.8

Manual Integrations
APPROVED

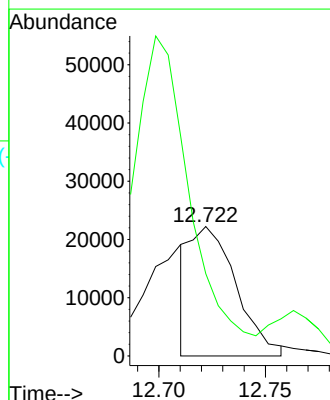
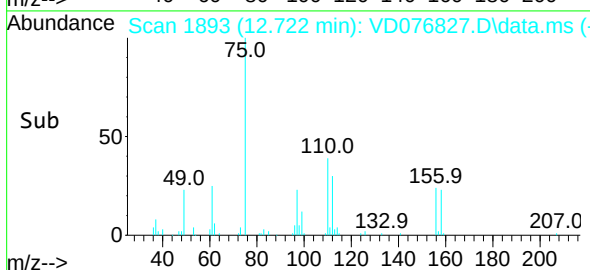
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

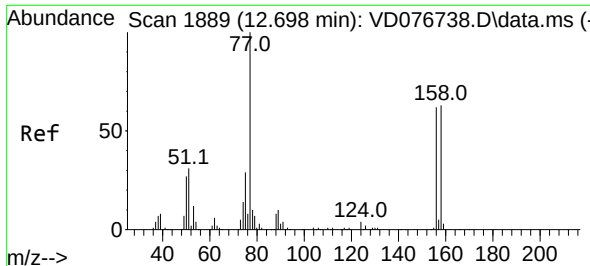


#76
1,2,3-Trichloropropane
Concen: 22.292 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54



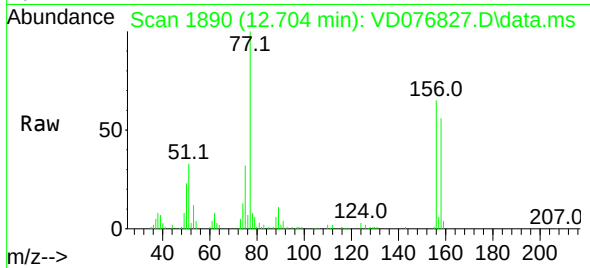
Tgt Ion: 75 Resp: 33304
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 21.531 ug/l
RT: 12.704 min Scan# 1889
Delta R.T. 0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

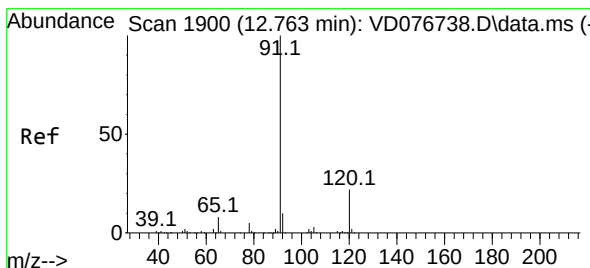
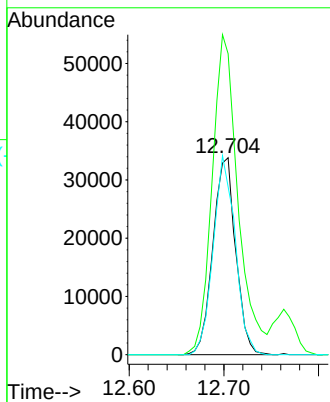
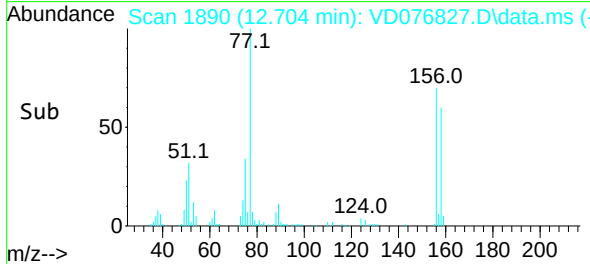
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



Tgt Ion:156 Resp: 56640
Ion Ratio Lower Upper
156 100
77 183.8 76.8 230.4
158 97.6 48.6 145.9

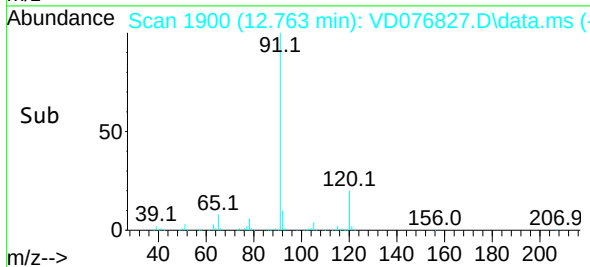
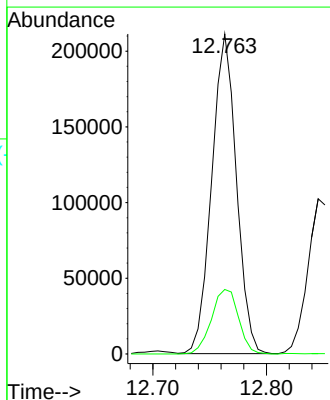
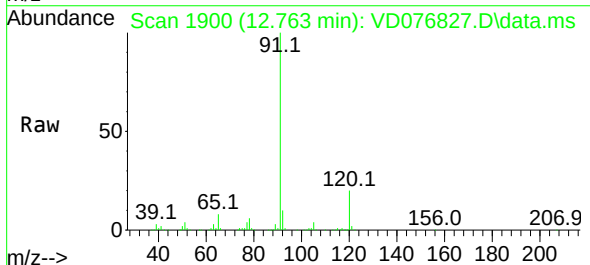
Manual Integrations
APPROVED

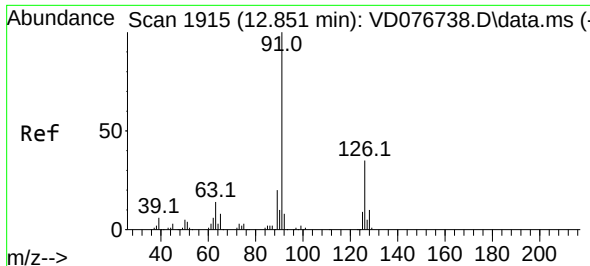
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#78
n-propylbenzene
Concen: 23.061 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Tgt Ion: 91 Resp: 318655
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2





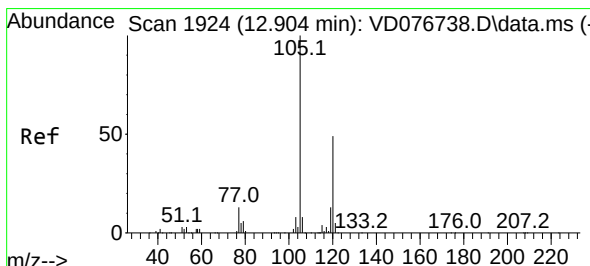
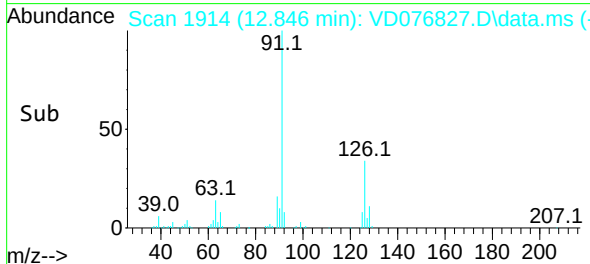
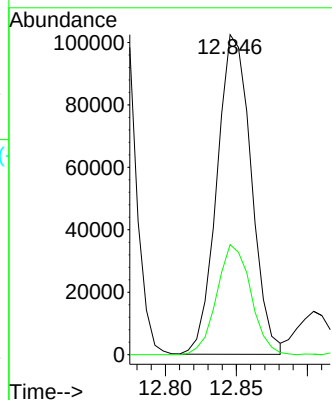
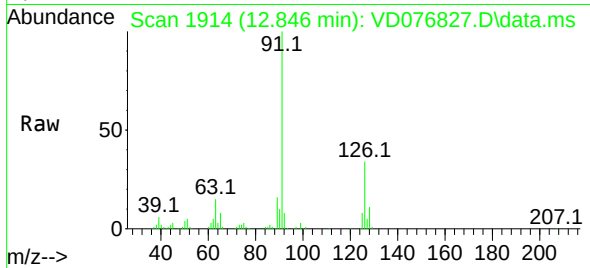
#79
2-Chlorotoluene
Concen: 22.711 ug/l
RT: 12.846 min Scan# 1915
Delta R.T. -0.005 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01

Tgt Ion: 91 Resp: 17207
Ion Ratio Lower Upper
91 100
126 34.2 19.4 58.1

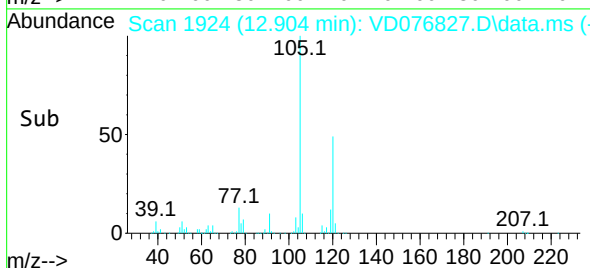
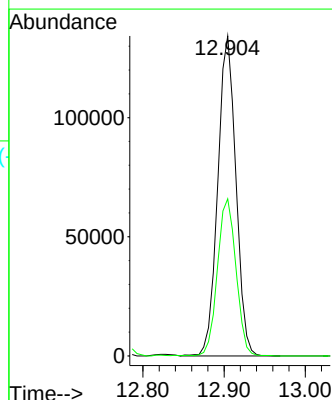
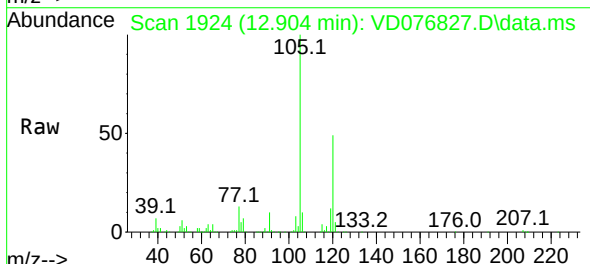
Manual Integrations
APPROVED

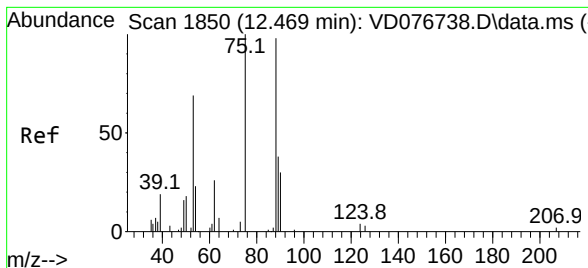
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#80
1,3,5-Trimethylbenzene
Concen: 22.657 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

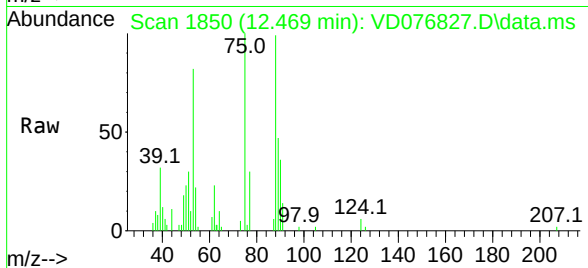
Tgt Ion:105 Resp: 208817
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 21.477 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

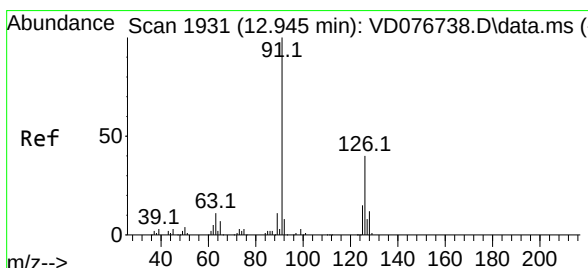
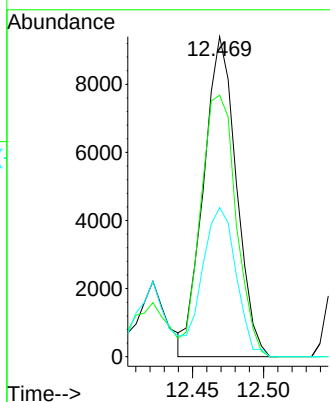
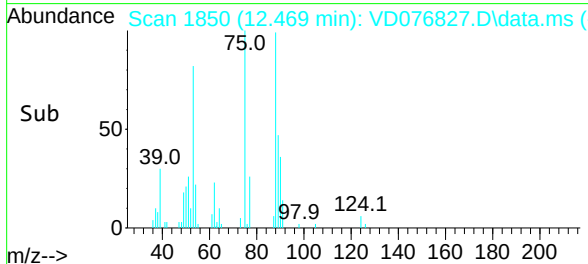
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



Tgt Ion: 75 Resp: 1507
Ion Ratio Lower Upper
75 100
53 88.2 63.0 94.4
89 48.5 37.9 56.9

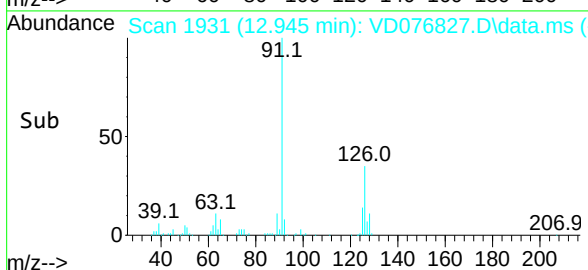
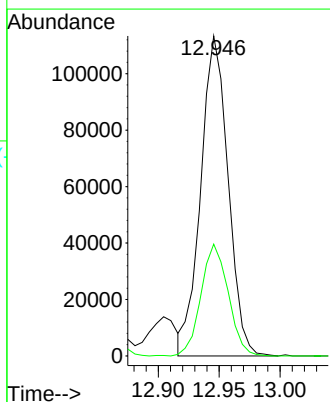
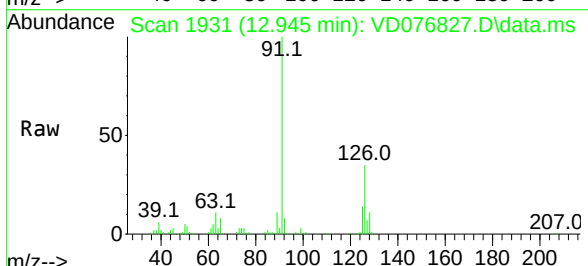
Manual Integrations
APPROVED

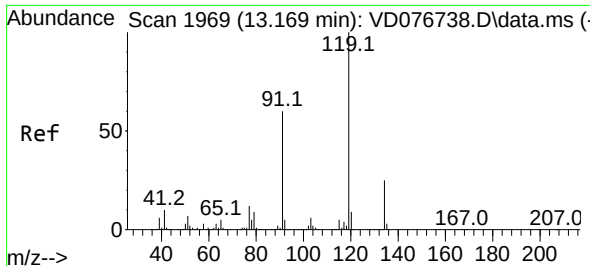
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023



#82
4-Chlorotoluene
Concen: 22.407 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

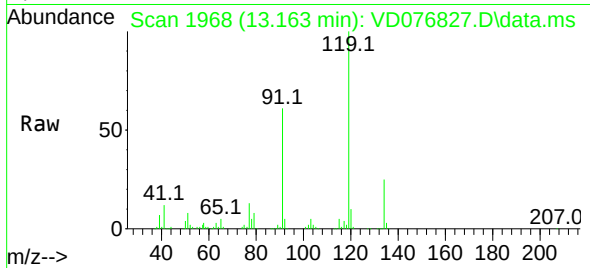
Tgt Ion: 91 Resp: 177350
Ion Ratio Lower Upper
91 100
126 34.8 19.4 58.4





#83
tert-Butylbenzene
Concen: 22.940 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

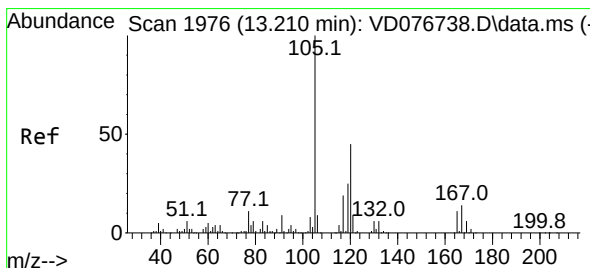
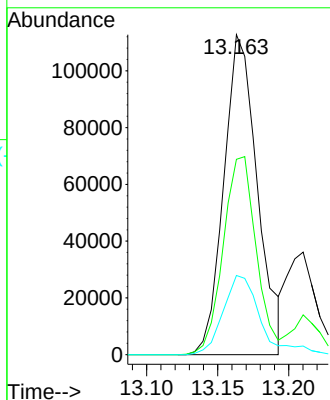
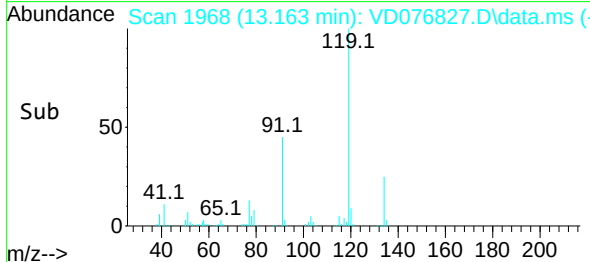
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



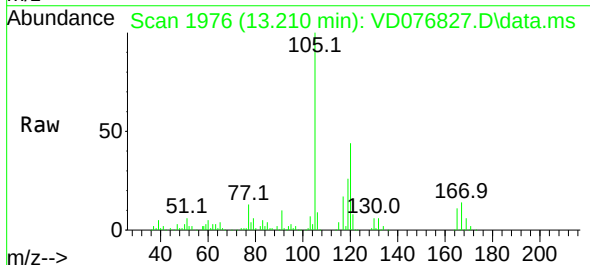
Tgt Ion:119 Resp: 186159
Ion Ratio Lower Upper
119 100
91 60.7 29.3 87.8
134 27.5 14.1 42.3

Manual Integrations
APPROVED

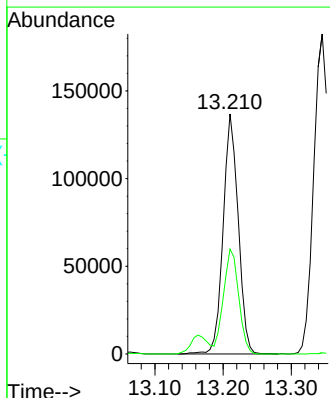
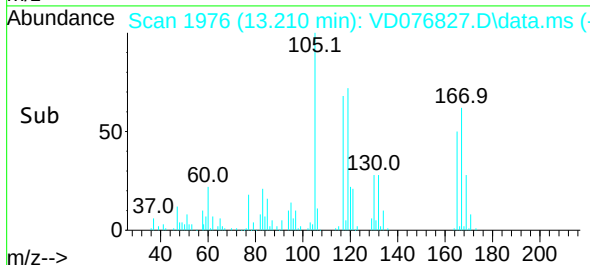
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

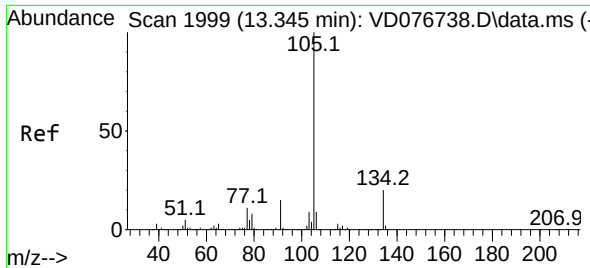


#84
1,2,4-Trimethylbenzene
Concen: 22.343 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54



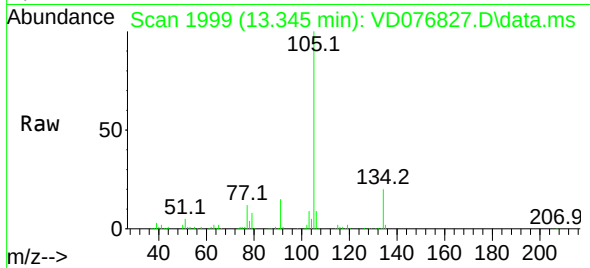
Tgt Ion:105 Resp: 210430
Ion Ratio Lower Upper
105 100
120 44.0 24.3 72.9





#85
 sec-Butylbenzene
 Concen: 23.350 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD076827.D
 Acq: 27 Jul 2023 11:54

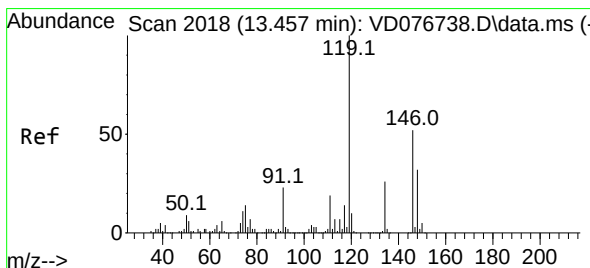
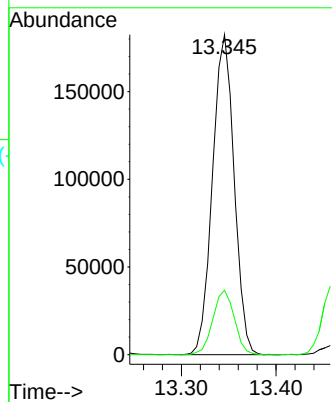
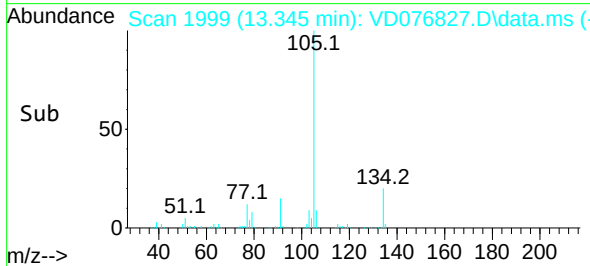
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01



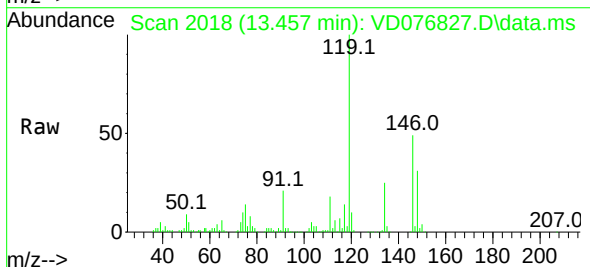
Tgt Ion:105 Resp: 28949
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9

Manual Integrations
 APPROVED

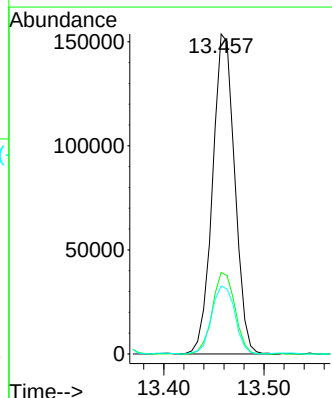
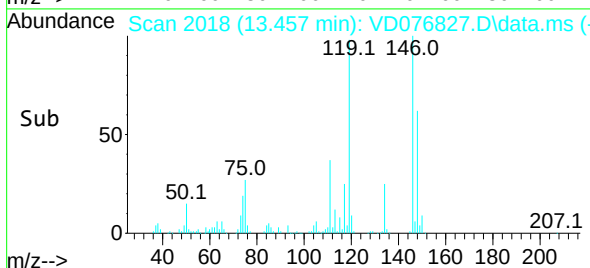
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023

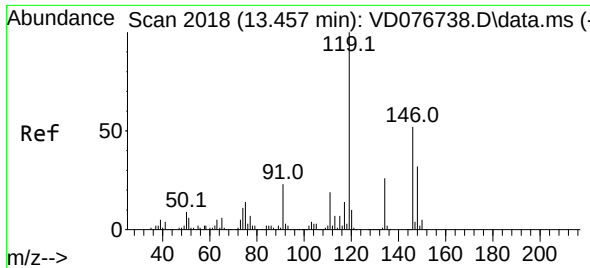


#86
 p-Isopropyltoluene
 Concen: 23.073 ug/l
 RT: 13.457 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: VD076827.D
 Acq: 27 Jul 2023 11:54



Tgt Ion:119 Resp: 236254
 Ion Ratio Lower Upper
 119 100
 134 25.8 14.2 42.6
 91 22.3 10.5 31.5





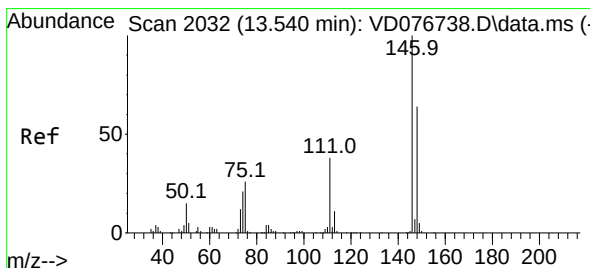
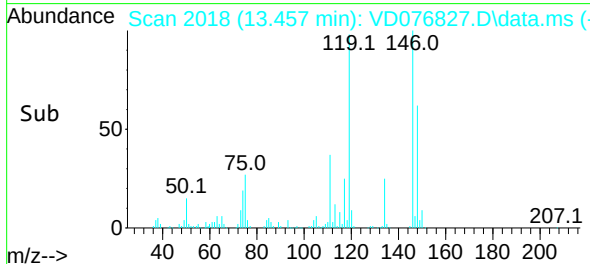
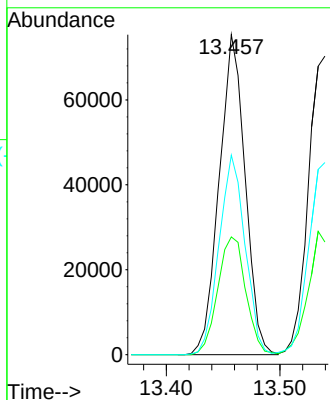
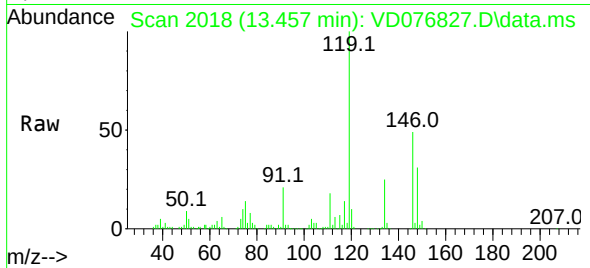
#87
 1,3-Dichlorobenzene
 Concen: 22.092 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD076827.D
 Acq: 27 Jul 2023 11:54

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0727SBS01

Tgt Ion:146 Resp: 119548
 Ion Ratio Lower Upper
 146 100
 111 39.9 17.9 53.8
 148 62.7 32.3 96.8

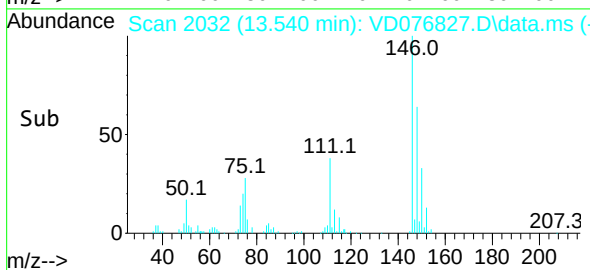
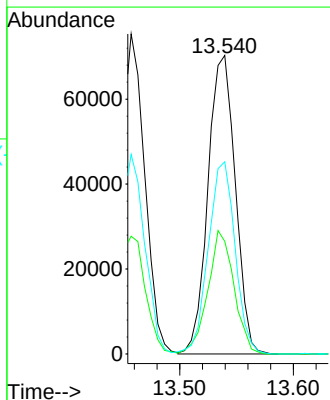
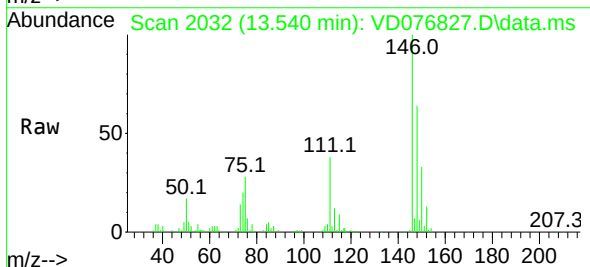
Manual Integrations
 APPROVED

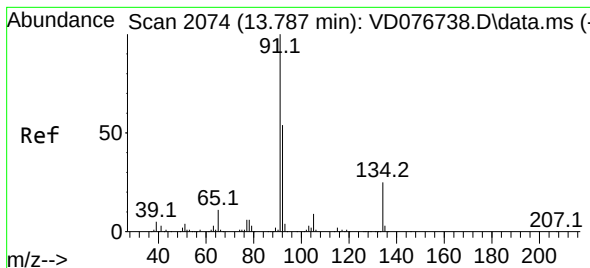
Reviewed By :John Carlone 07/28/2023
 Supervised By :Mahesh Dadoda 07/28/2023



#88
 1,4-Dichlorobenzene
 Concen: 22.207 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. -0.000 min
 Lab File: VD076827.D
 Acq: 27 Jul 2023 11:54

Tgt Ion:146 Resp: 117736
 Ion Ratio Lower Upper
 146 100
 111 39.5 17.4 52.3
 148 63.3 31.7 95.1





#89

n-Butylbenzene

Concen: 22.784 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. -0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

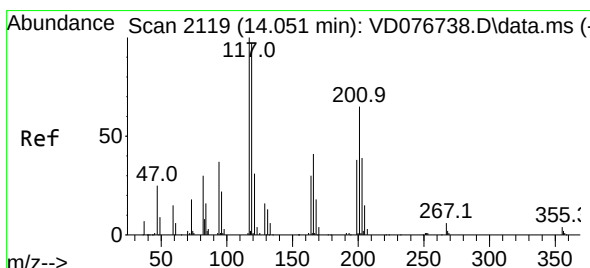
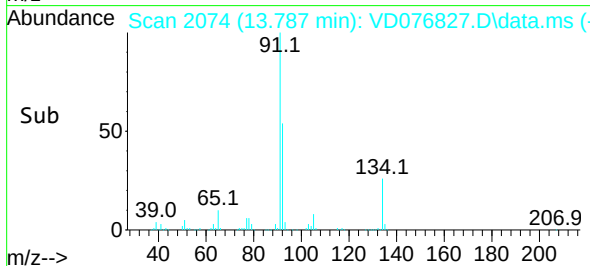
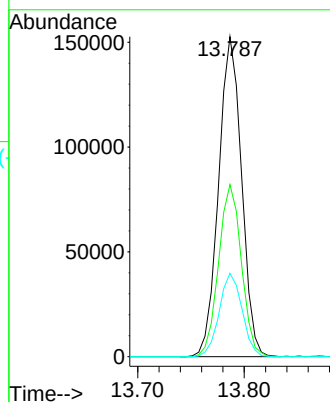
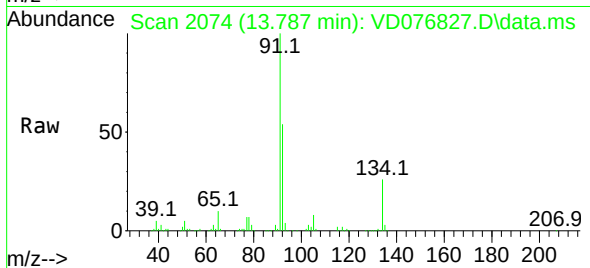
Tgt Ion:	91	Resp:	228284
Ion Ratio	Lower	Upper	
91	100		
92	53.3	26.5	79.5
134	25.9	13.8	41.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#90

Hexachloroethane

Concen: 23.878 ug/l

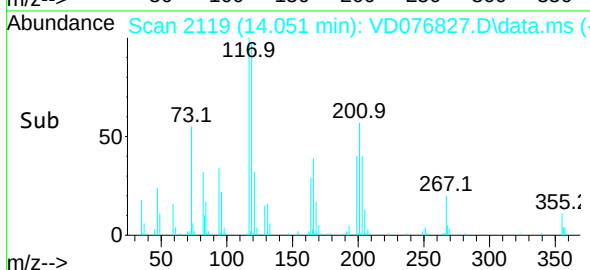
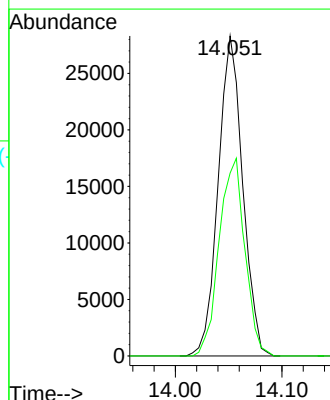
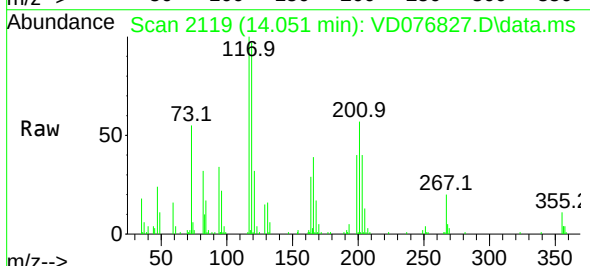
RT: 14.051 min Scan# 2119

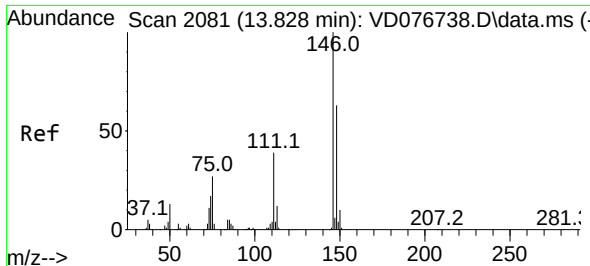
Delta R.T. 0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

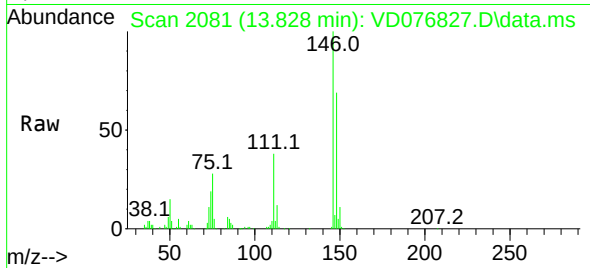
Tgt Ion:	117	Resp:	45201
Ion Ratio	Lower	Upper	
117	100		
201	64.9	38.5	115.5





#91
1,2-Dichlorobenzene
Concen: 21.918 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54

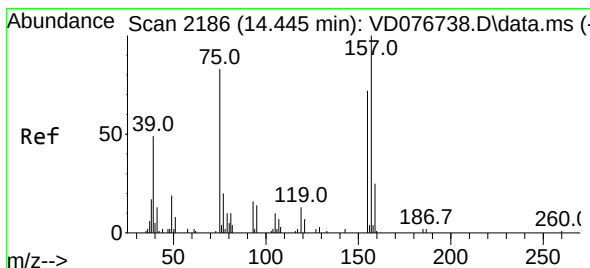
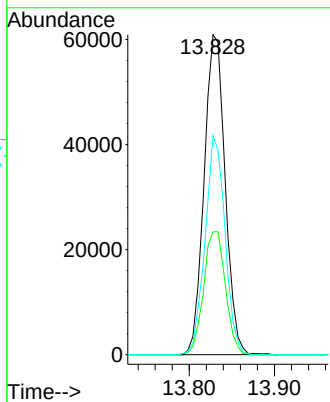
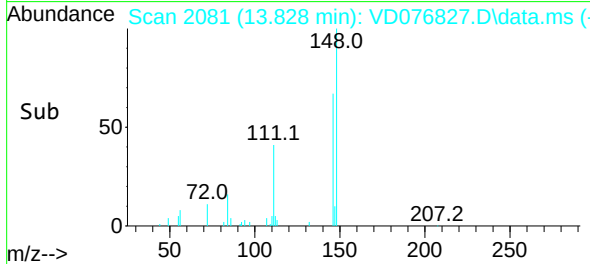
Instrument :
MSVOA_D
ClientSampleId :
VD0727SBS01



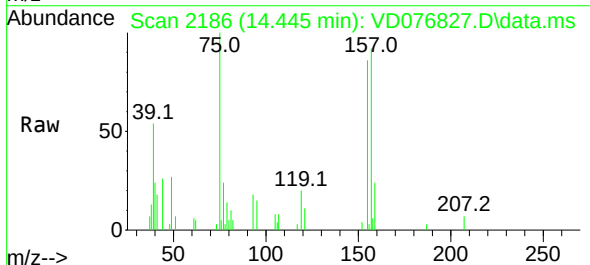
Tgt Ion:146 Resp: 104519
Ion Ratio Lower Upper
146 100
111 40.0 18.3 54.8
148 65.1 31.6 94.7

Manual Integrations
APPROVED

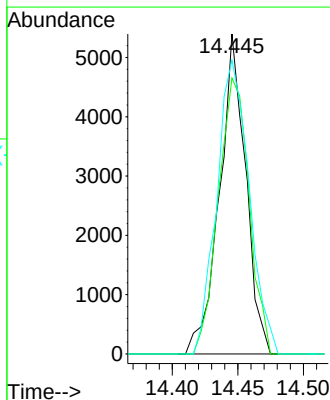
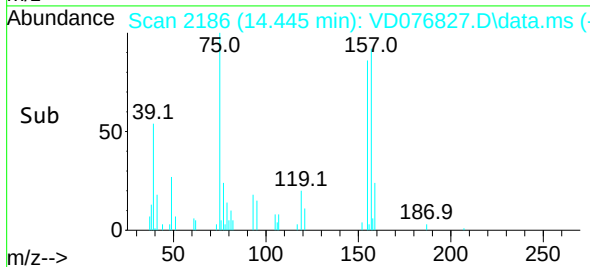
Reviewed By :John Carlone 07/28/2023
Supervised By :Mahesh Dadoda 07/28/2023

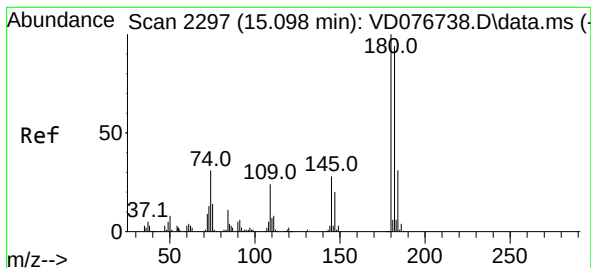


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.422 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD076827.D
Acq: 27 Jul 2023 11:54



Tgt Ion: 75 Resp: 7475
Ion Ratio Lower Upper
75 100
155 101.5 47.9 143.8
157 113.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 22.258 ug/l

RT: 15.092 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

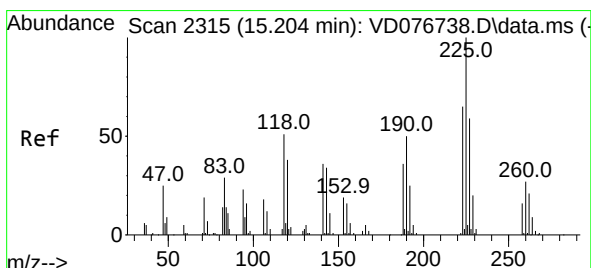
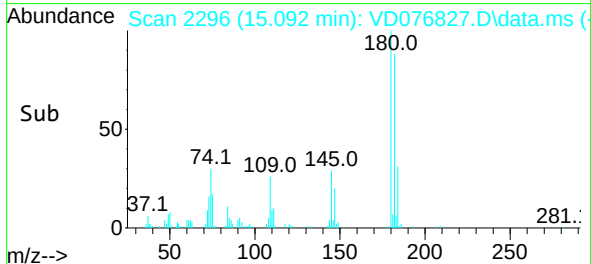
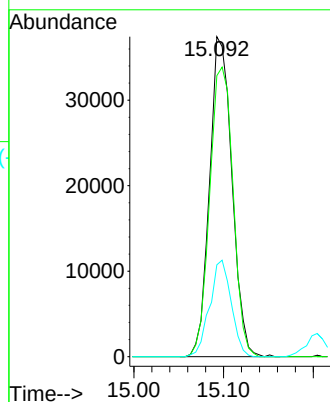
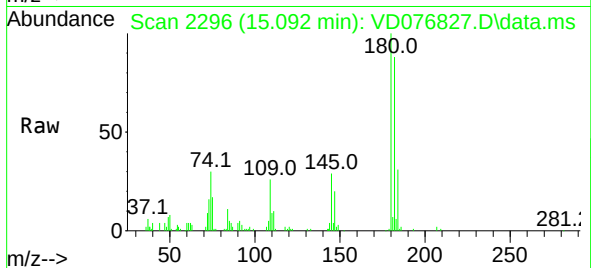
Tgt Ion:180 Resp: 64795
 Ion Ratio Lower Upper
 180 100
 182 94.3 48.5 145.6
 145 29.1 14.2 42.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#94

Hexachlorobutadiene

Concen: 22.790 ug/l

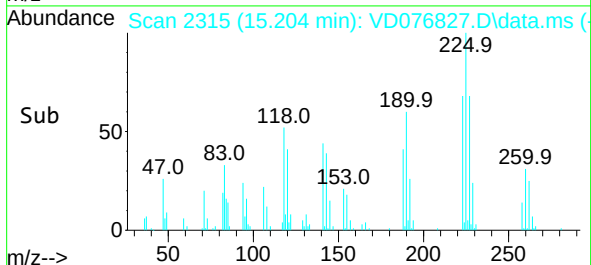
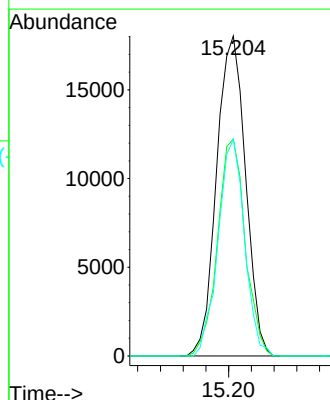
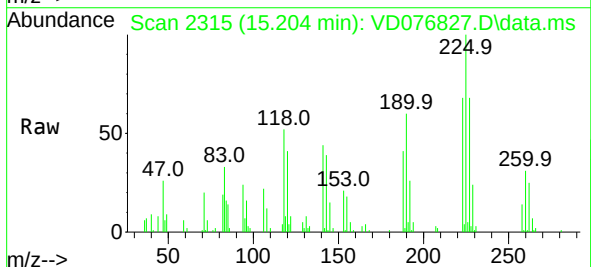
RT: 15.204 min Scan# 2315

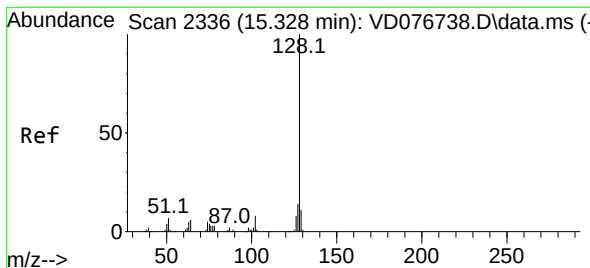
Delta R.T. 0.000 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Tgt Ion:225 Resp: 31907
 Ion Ratio Lower Upper
 225 100
 223 64.9 31.6 94.8
 227 61.7 31.7 95.1





#95

Naphthalene

Concen: 25.096 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.006 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Instrument :

MSVOA_D

ClientSampleId :

VD0727SBS01

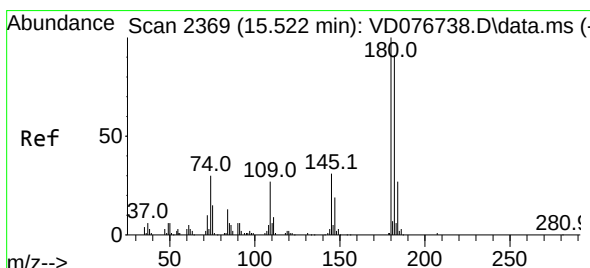
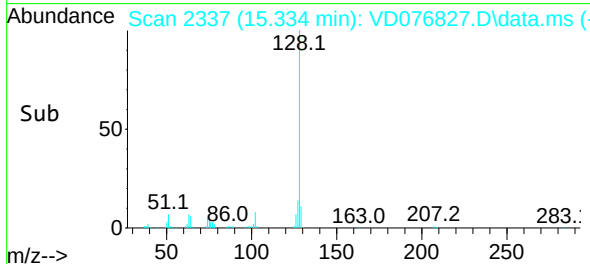
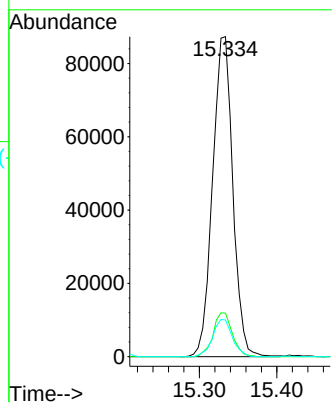
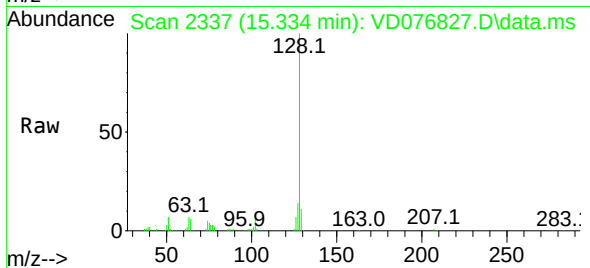
Tgt Ion:	128	Resp:	15818
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.5	15.7
129	11.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 07/28/2023

Supervised By :Mahesh Dadoda 07/28/2023



#96

1,2,3-Trichlorobenzene

Concen: 21.686 ug/l

RT: 15.516 min Scan# 2368

Delta R.T. -0.006 min

Lab File: VD076827.D

Acq: 27 Jul 2023 11:54

Tgt Ion:	180	Resp:	56653
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.3	141.9
145	33.0	15.1	45.3

