

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033123\
 Data File : VN077244.D
 Acq On : 31 Mar 2023 09:44
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/03/2023
 Supervised By : Mahesh Dadoda 04/03/2023

Quant Time: Apr 01 00:11:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 00:11:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.225	168	582902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	907280	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	764806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	297911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	7973	1.329	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	2.660%#		
35) Dibromofluoromethane	8.160	113	6909	1.234	ug/l	-0.01
Spiked Amount 50.000	Range 75 - 124		Recovery =	2.460%#		
50) Toluene-d8	10.572	98	21369	1.055	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	2.120%#		
62) 4-Bromofluorobenzene	12.848	95	6898	1.029	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	2.060%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	3306	1.110	ug/l	91
4) Vinyl Chloride	2.525	62	4854	1.159	ug/l #	88
5) Bromomethane	2.937	94	4527	1.503	ug/l #	68
6) Chloroethane	3.107	64	3847	1.098	ug/l	93
7) Trichlorofluoromethane	3.507	101	10522	1.109	ug/l	87
8) Diethyl Ether	3.972	74	3698	1.012	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	5815	1.026	ug/l #	39
10) Methyl Iodide	4.584	142	6454	0.929	ug/l #	90
11) Tert butyl alcohol	5.531	59	3729	3.830	ug/l #	77
12) 1,1-Dichloroethene	4.349	96	5543	1.058	ug/l #	75
13) Acrolein	4.190	56	6752	6.535	ug/l	96
14) Allyl chloride	5.031	41	8537	0.940	ug/l	94
15) Acrylonitrile	5.731	53	15996	4.996	ug/l	98
16) Acetone	4.449	43	16091	5.393	ug/l #	86
17) Carbon Disulfide	4.713	76	16734	1.200	ug/l #	94
18) Methyl Acetate	5.037	43	14336	1.278	ug/l	100
19) Methyl tert-butyl Ether	5.807	73	16896	0.964	ug/l	100
20) Methylene Chloride	5.290	84	8007	1.199	ug/l #	78
21) trans-1,2-Dichloroethene	5.784	96	6029	1.052	ug/l #	87
22) Diisopropyl ether	6.678	45	17338	0.903	ug/l #	90
23) Vinyl Acetate	6.613	43	51691	4.485	ug/l	97
24) 1,1-Dichloroethane	6.578	63	11933	1.058	ug/l #	90
25) 2-Butanone	7.495	43	20151	4.751	ug/l #	80
26) 2,2-Dichloropropane	7.495	77	8421	1.009	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	7258	1.059	ug/l	98
28) Bromochloromethane	7.819	49	5070	1.030	ug/l #	94
29) Tetrahydrofuran	7.842	42	11434	4.288	ug/l	98
30) Chloroform	7.960	83	12049	1.084	ug/l	95
31) Cyclohexane	8.225	56	19889	1.879	ug/l #	7
32) 1,1,1-Trichloroethane	8.172	97	10235	1.092	ug/l #	45
36) 1,1-Dichloropropene	8.372	75	8357	1.017	ug/l	97
37) Ethyl Acetate	7.566	43	7289	0.884	ug/l #	93
38) Carbon Tetrachloride	8.360	117	9037	1.072	ug/l #	88
39) Methylcyclohexane	9.607	83	9248	0.917	ug/l	96
40) Benzene	8.607	78	26537	1.028	ug/l	96
41) Methacrylonitrile	7.784	41	4235	0.940	ug/l	86

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Quant Time: Apr 01 00:11:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033123W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 00:11:10 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.672	62	8548	1.012	ug/l	87
43) Isopropyl Acetate	8.695	43	12258	0.948	ug/l	94
44) Trichloroethene	9.354	130	7288	1.092	ug/l	93
45) 1,2-Dichloropropane	9.625	63	7280	1.061	ug/l #	88
46) Dibromomethane	9.713	93	4924	1.128	ug/l	92
47) Bromodichloromethane	9.889	83	8710	1.014	ug/l	99
48) Methyl methacrylate	9.684	41	5722	0.917	ug/l	97
49) 1,4-Dioxane	9.701	88	2106	17.742	ug/l #	85
51) 4-Methyl-2-Pentanone	10.442	43	34443	4.205	ug/l	94
52) Toluene	10.631	92	14349	0.919	ug/l	97
53) t-1,3-Dichloropropene	10.831	75	7486	0.883	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	9054	0.920	ug/l	93
55) 1,1,2-Trichloroethane	11.013	97	6764	1.048	ug/l	96
56) Ethyl methacrylate	10.872	69	7069	0.791	ug/l #	95
57) 1,3-Dichloropropane	11.166	76	10730	0.978	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	12763	4.131	ug/l	99
59) 2-Hexanone	11.195	43	24398	4.105	ug/l	89
60) Dibromochloromethane	11.354	129	6740	1.005	ug/l	98
61) 1,2-Dibromoethane	11.466	107	5908	0.942	ug/l	95
64) Tetrachloroethene	11.101	164	6273	1.120	ug/l	95
65) Chlorobenzene	11.895	112	16780	1.039	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.960	131	6734	1.088	ug/l #	63
67) Ethyl Benzene	11.966	91	25055	0.920	ug/l	93
68) m/p-Xylenes	12.072	106	19267	1.820	ug/l	94
69) o-Xylene	12.395	106	8962	0.878	ug/l	100
70) Styrene	12.413	104	13032	0.802	ug/l	99
71) Bromoform	12.577	173	4790	0.986	ug/l #	97
73) Isopropylbenzene	12.695	105	20848	0.938	ug/l	98
74) N-amyl acetate	12.495	43	7858	0.959	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.942	83	9622	1.245	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	9712	1.459	ug/l	61
77) Bromobenzene	12.989	156	6736	1.132	ug/l	97
78) n-propylbenzene	13.042	91	20831	0.850	ug/l	100
79) 2-Chlorotoluene	13.124	91	16162	1.026	ug/l	96
80) 1,3,5-Trimethylbenzene	13.177	105	14578	0.816	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	2231	0.958	ug/l	98
82) 4-Chlorotoluene	13.224	91	14253	0.963	ug/l	98
83) tert-Butylbenzene	13.442	119	14168	0.871	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	14118	0.810	ug/l	98
85) sec-Butylbenzene	13.619	105	18042	0.821	ug/l	96
86) p-Isopropyltoluene	13.730	119	13343	0.745	ug/l	95
87) 1,3-Dichlorobenzene	13.730	146	11070	1.061	ug/l	96
88) 1,4-Dichlorobenzene	13.730	146	11070	1.075	ug/l	95
89) n-Butylbenzene	14.060	91	12706	0.885	ug/l	99
90) Hexachloroethane	14.336	117	4432	1.189	ug/l	91
91) 1,2-Dichlorobenzene	14.107	146	10804	1.054	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.719	75	1466	1.136	ug/l	93
93) 1,2,4-Trichlorobenzene	15.377	180	2566	3.376	ug/l	94
94) Hexachlorobutadiene	15.471	225	3801	1.114	ug/l	98
95) Naphthalene	15.583	128	4732	3.646	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.754	180	2446	3.165	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Apr 01 00:11:10 2023
Response via : Initial Calibration

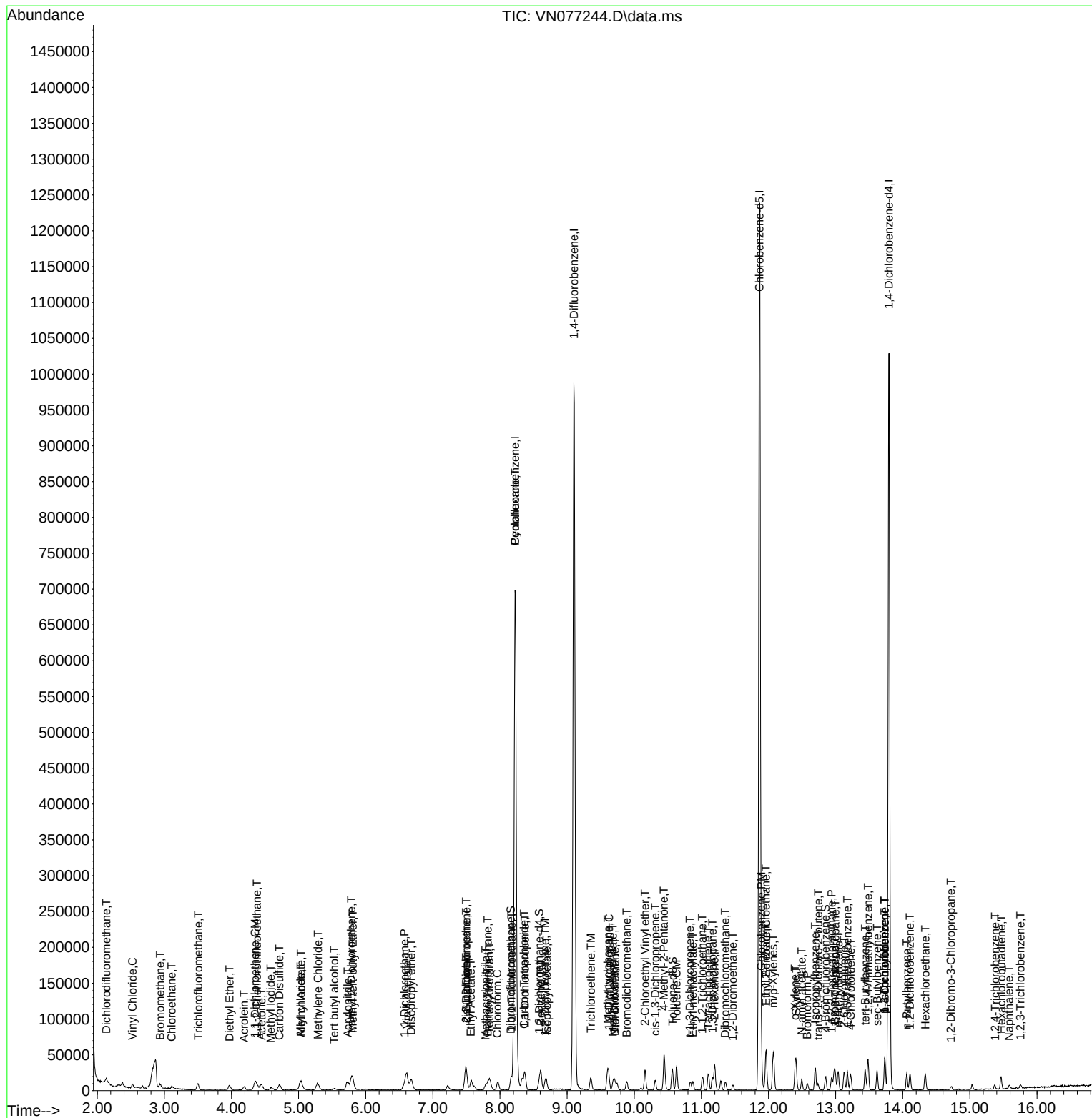
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

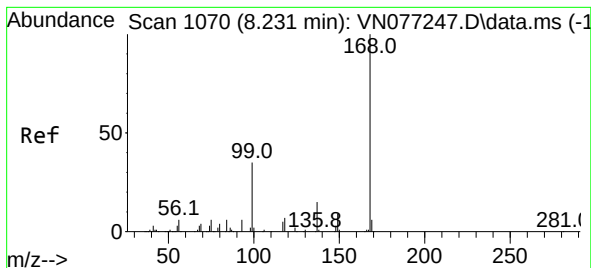
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Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Manual Integrations

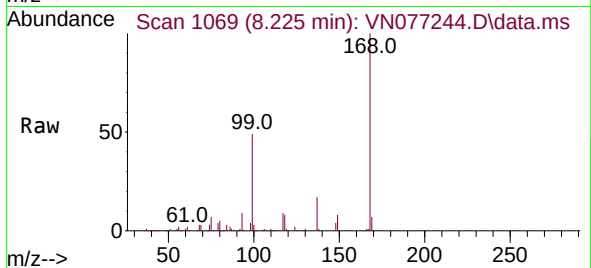
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1070
Delta R.T. -0.005 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

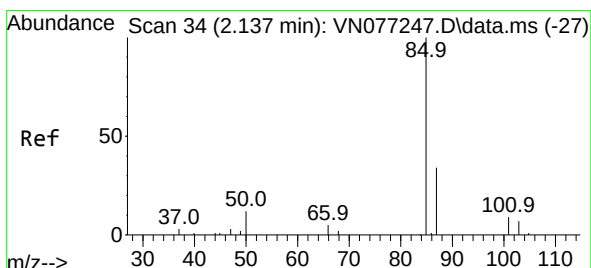
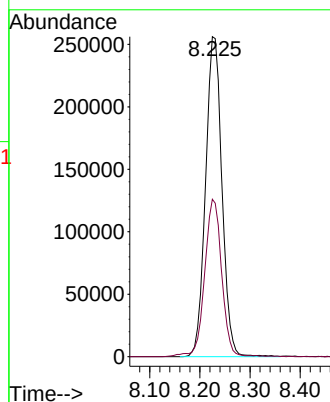
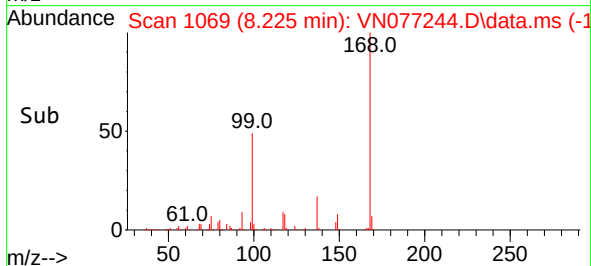
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 58290
Ion Ratio Lower Upper
168 100
99 49.1 41.8 62.8

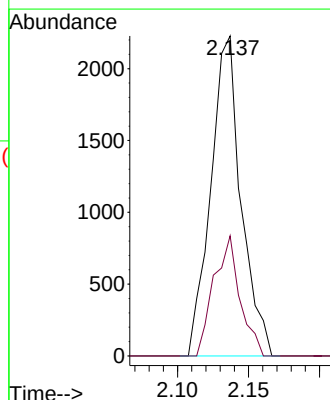
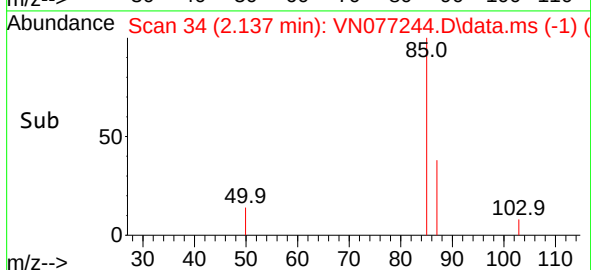
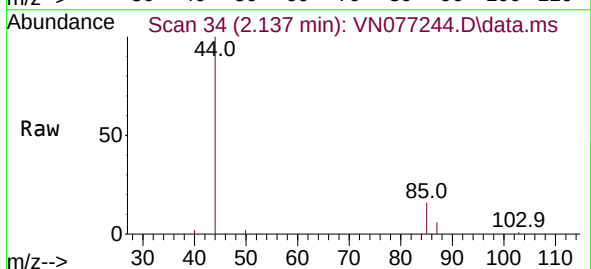
Manual Integrations
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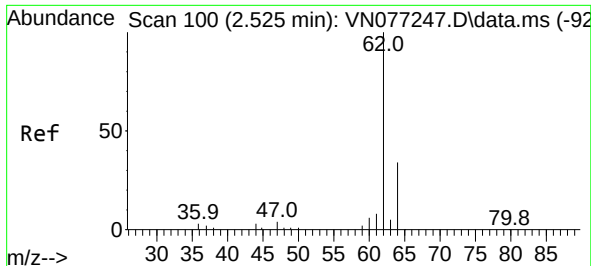
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#2
Dichlorodifluoromethane
Concen: 1.110 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion: 85 Resp: 3306
Ion Ratio Lower Upper
85 100
87 37.6 16.3 48.8





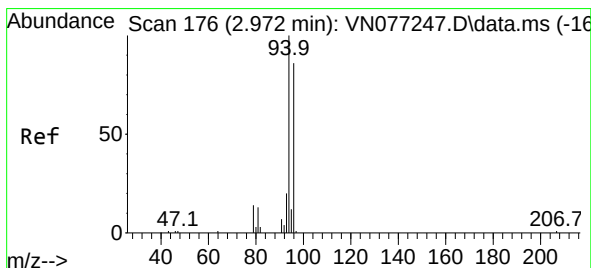
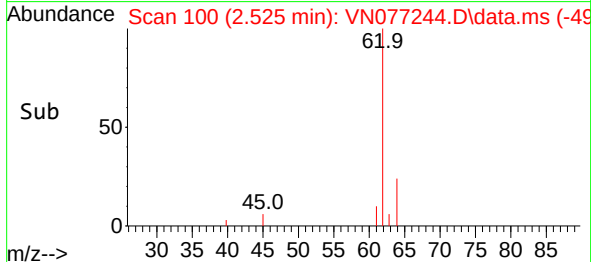
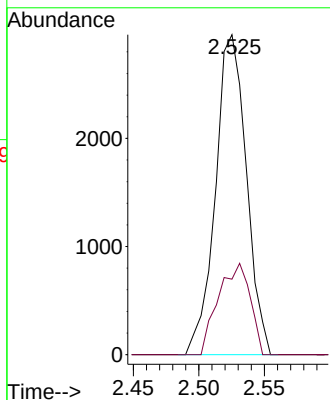
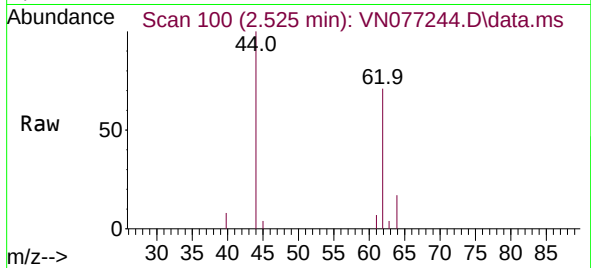
#4
 Vinyl Chloride
 Concen: 1.159 ug/l
 RT: 2.525 min Scan# 100
 Delta R.T. 0.000 min
 Lab File: VN077244.D
 Acq: 31 Mar 2023 09:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 62 Resp: 4854
 Ion Ratio Lower Upper
 62 100
 64 23.6 23.9 35.9

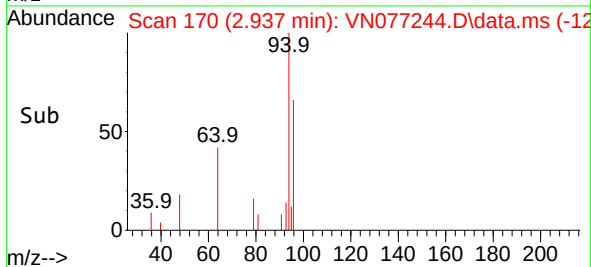
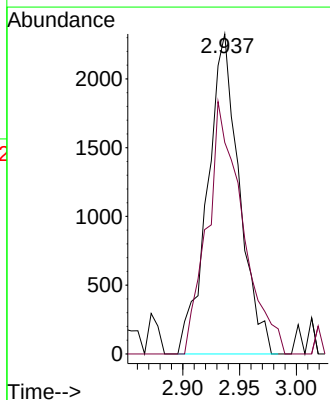
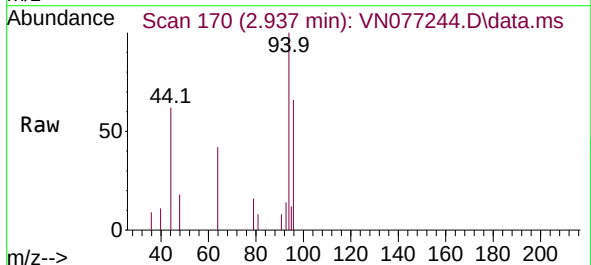
Manual Integrations
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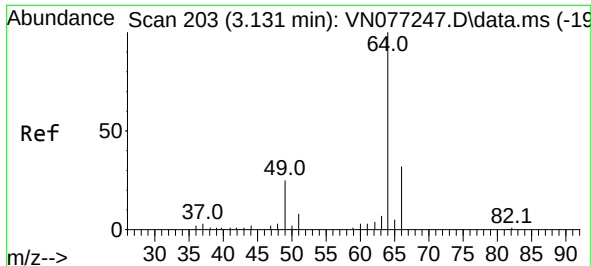
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#5
 Bromomethane
 Concen: 1.503 ug/l
 RT: 2.937 min Scan# 170
 Delta R.T. -0.012 min
 Lab File: VN077244.D
 Acq: 31 Mar 2023 09:44

Tgt Ion: 94 Resp: 4527
 Ion Ratio Lower Upper
 94 100
 96 66.1 78.1 117.1





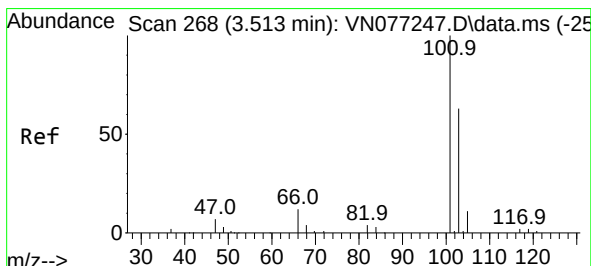
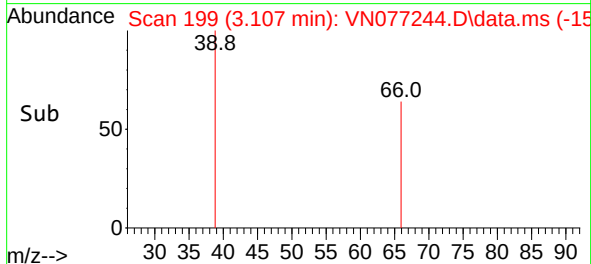
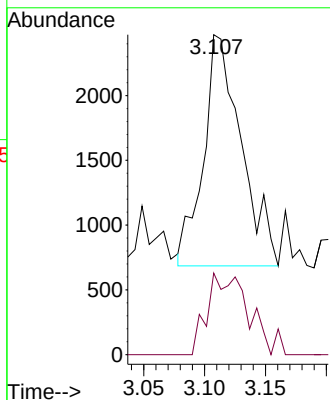
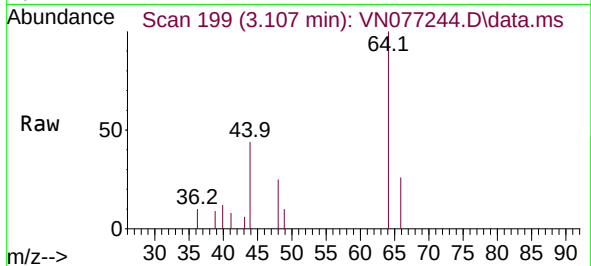
#6
Chloroethane
Concen: 1.098 ug/l
RT: 3.107 min Scan# 199
Delta R.T. -0.018 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 64 Resp: 384
Ion Ratio Lower Upper
64 100
66 35.3 25.0 37.6

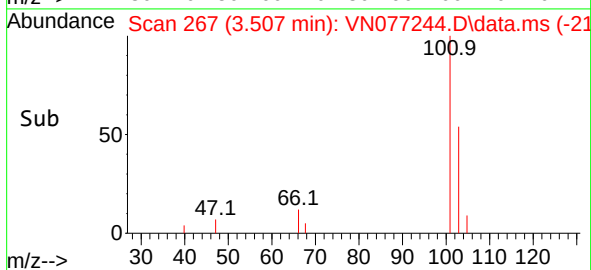
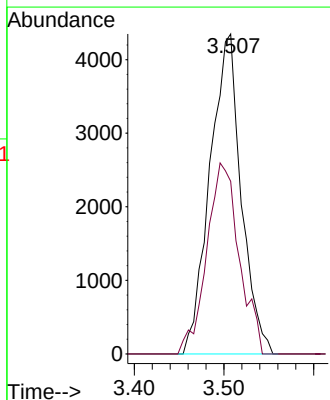
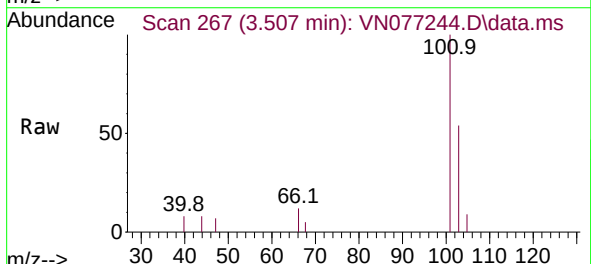
Manual Integrations
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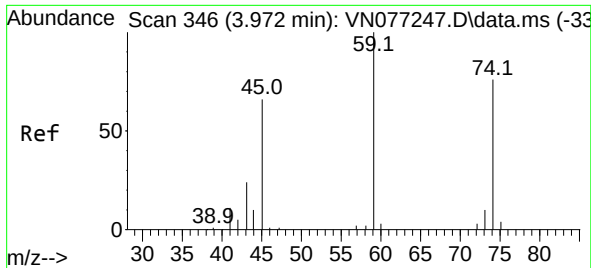
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#7
Trichlorofluoromethane
Concen: 1.109 ug/l
RT: 3.507 min Scan# 267
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

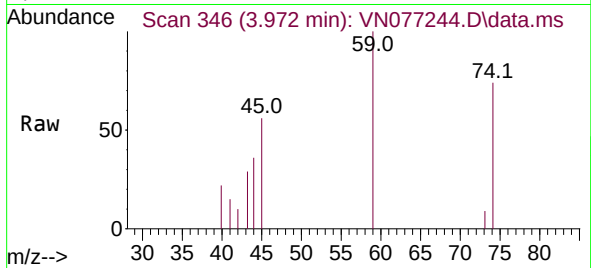
Tgt Ion:101 Resp: 10522
Ion Ratio Lower Upper
101 100
103 54.0 51.4 77.2





#8
Diethyl Ether
Concen: 1.012 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

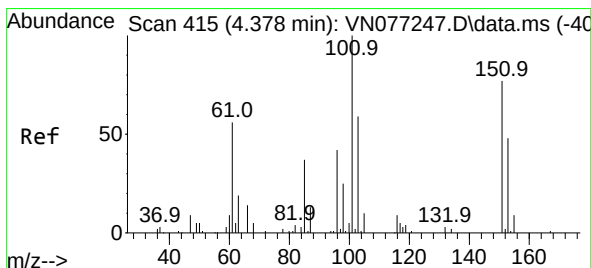
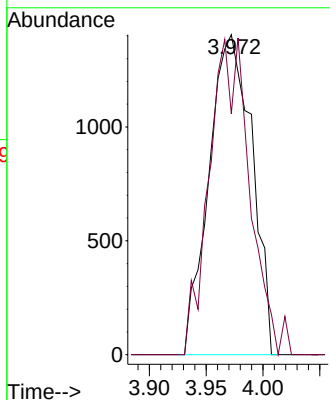
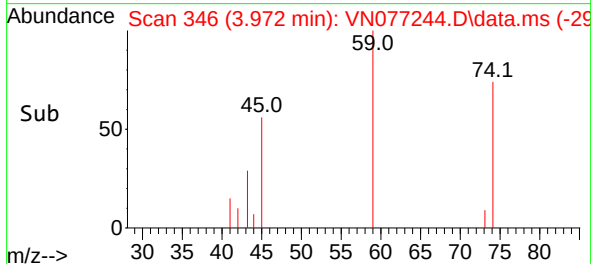
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



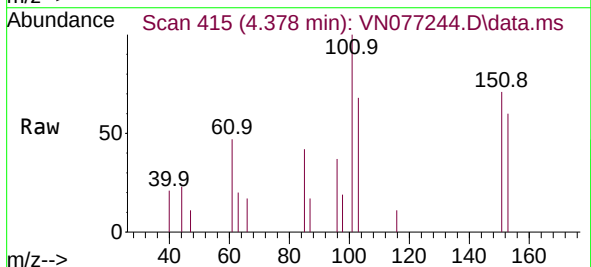
Tgt Ion: 74 Resp: 3698
Ion Ratio Lower Upper
74 100
45 93.6 47.8 143.3

Manual Integrations
APPROVED

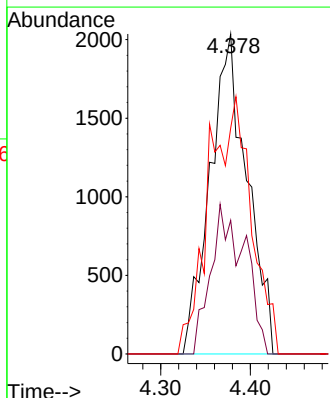
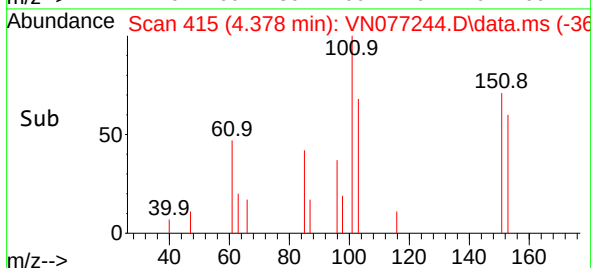
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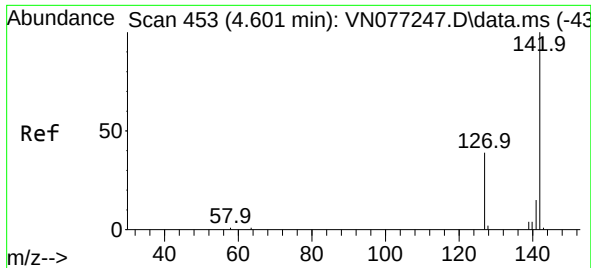


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.026 ug/l
RT: 4.378 min Scan# 415
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



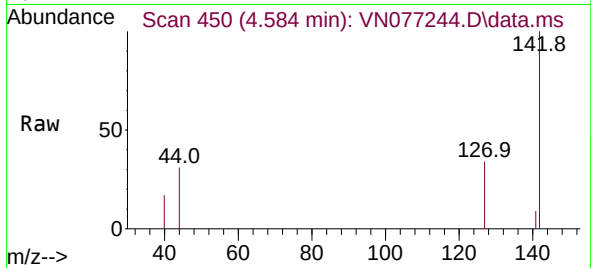
Tgt Ion:101 Resp: 5815
Ion Ratio Lower Upper
101 100
85 43.2 33.5 50.3
151 0.0 65.3 97.9#





#10
Methyl Iodide
Concen: 0.929 ug/l
RT: 4.584 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

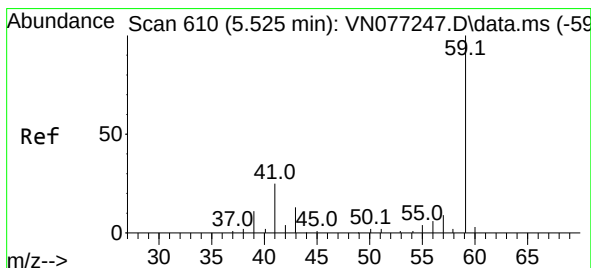
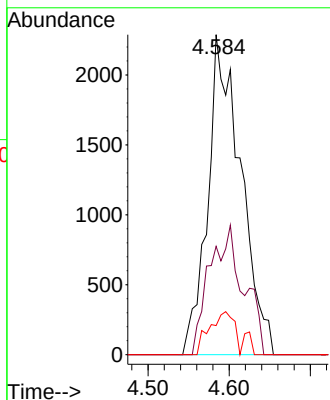
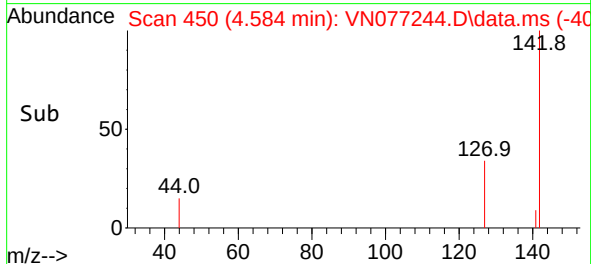
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:142 Resp: 6454
Ion Ratio Lower Upper
142 100
127 33.8 31.8 47.8
141 9.1 11.2 16.8

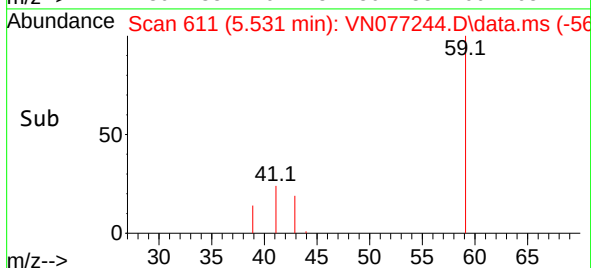
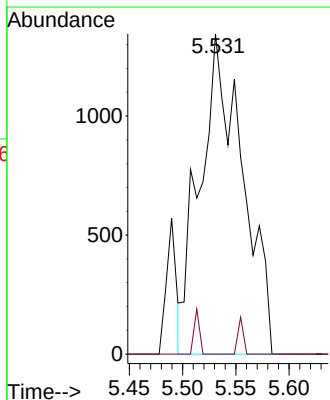
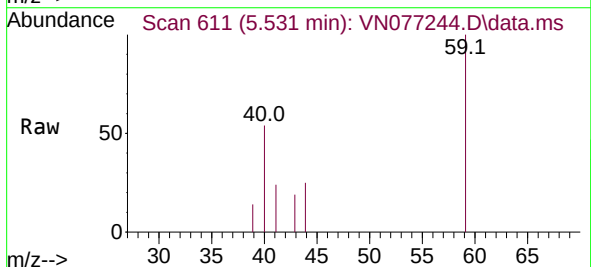
Manual Integrations
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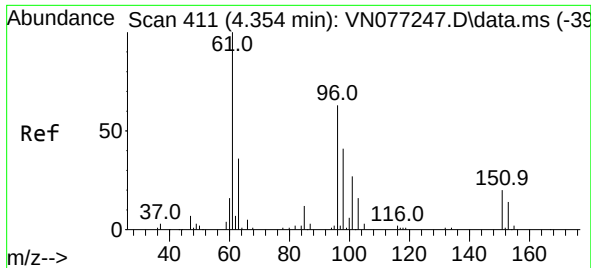
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#11
Tert butyl alcohol
Concen: 3.830 ug/l
RT: 5.531 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion: 59 Resp: 3729
Ion Ratio Lower Upper
59 100
57 1.8 8.5 12.7#





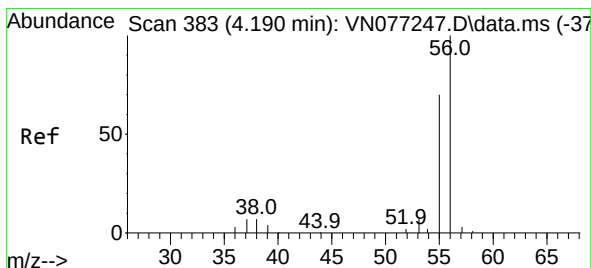
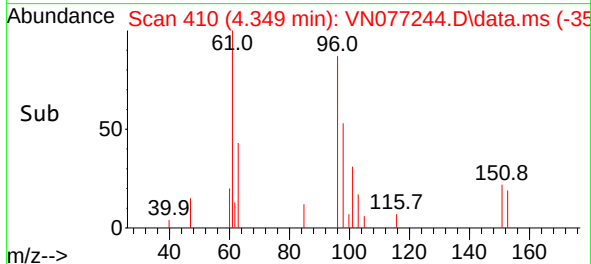
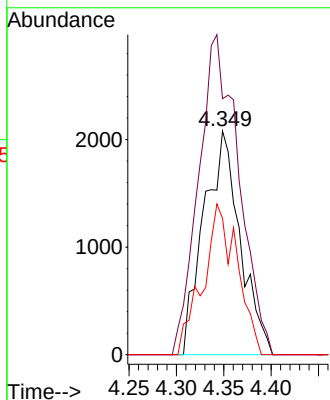
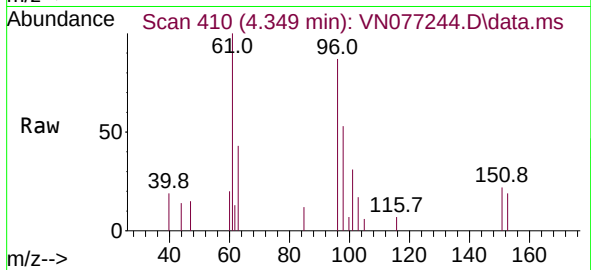
#12
1,1-Dichloroethene
Concen: 1.058 ug/l
RT: 4.349 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 96 Resp: 5543
Ion Ratio Lower Upper
96 100
61 114.4 126.4 189.6
98 60.9 50.8 76.2

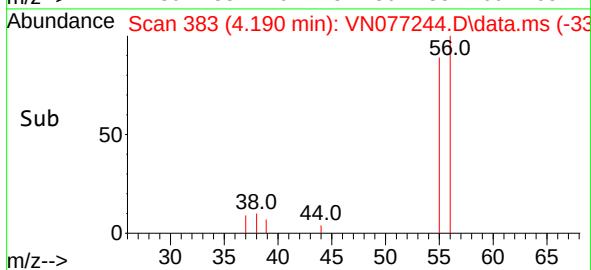
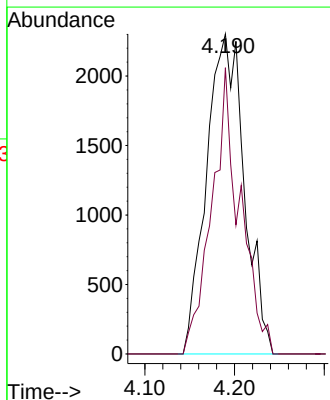
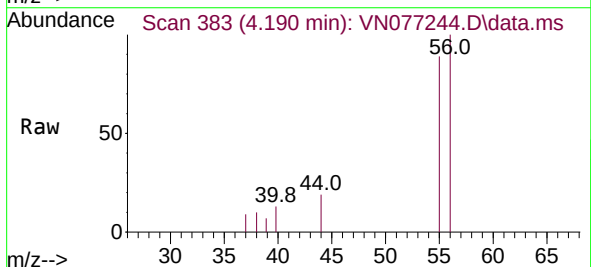
Manual Integrations
APPROVED

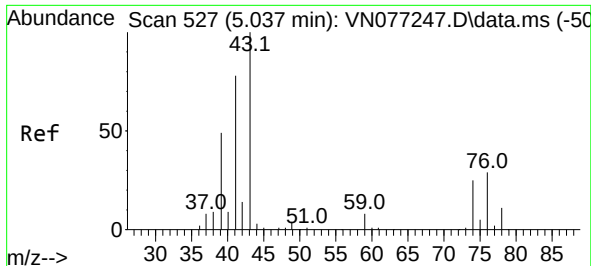
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#13
Acrolein
Concen: 6.535 ug/l
RT: 4.190 min Scan# 383
Delta R.T. 0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

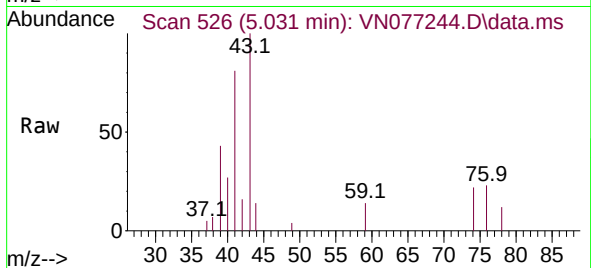
Tgt Ion: 56 Resp: 6752
Ion Ratio Lower Upper
56 100
55 66.9 56.0 84.0





#14
 Allyl chloride
 Concen: 0.940 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN077244.D
 Acq: 31 Mar 2023 09:44

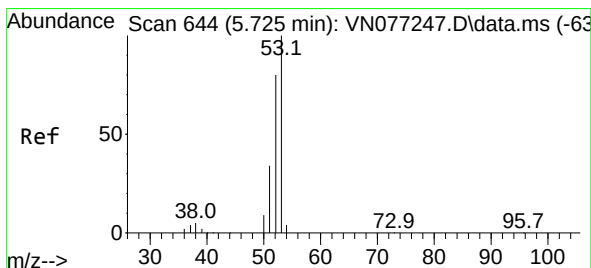
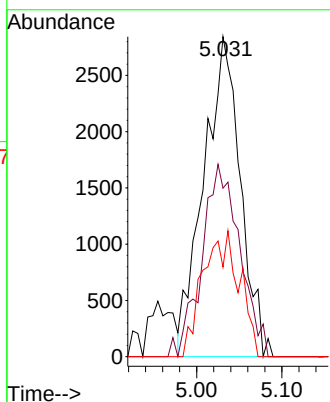
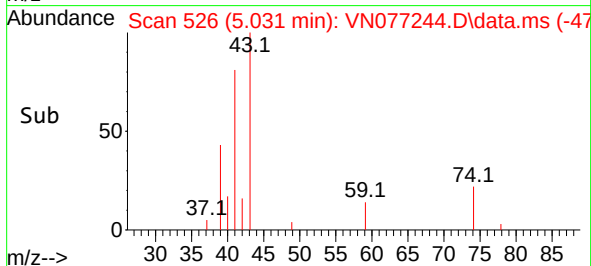
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



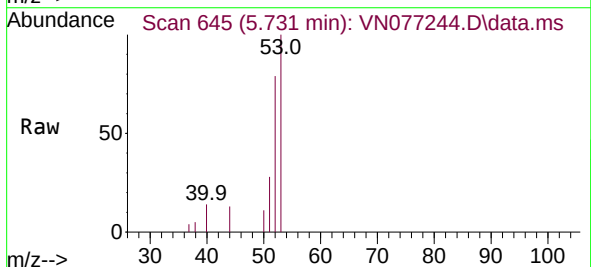
Tgt Ion: 41 Resp: 853
 Ion Ratio Lower Upper
 41 100
 39 62.2 46.8 70.2
 76 38.8 27.3 40.9

Manual Integrations
 APPROVED

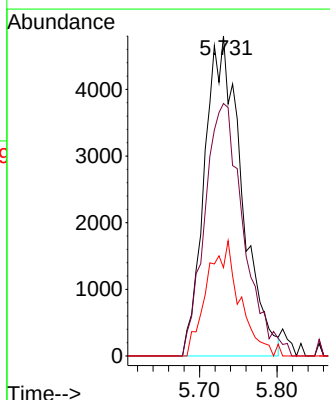
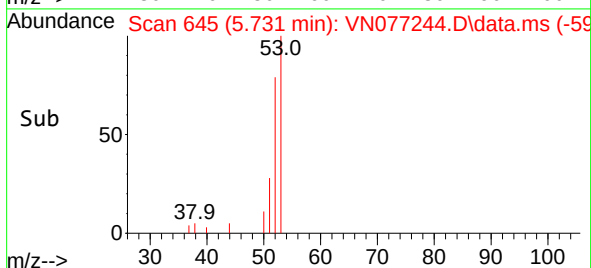
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

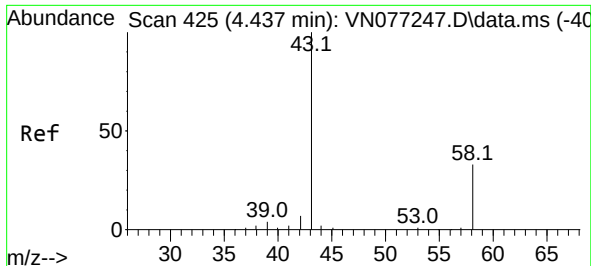


#15
 Acrylonitrile
 Concen: 4.996 ug/l
 RT: 5.731 min Scan# 645
 Delta R.T. 0.006 min
 Lab File: VN077244.D
 Acq: 31 Mar 2023 09:44



Tgt Ion: 53 Resp: 15996
 Ion Ratio Lower Upper
 53 100
 52 82.4 65.8 98.6
 51 32.0 28.2 42.2





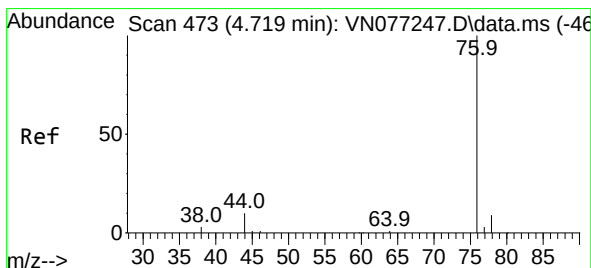
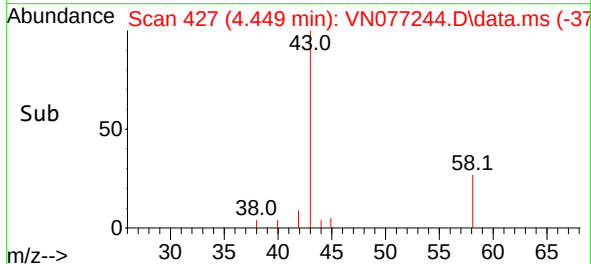
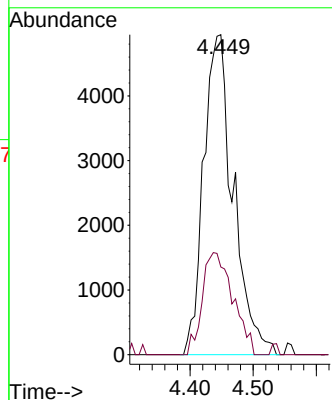
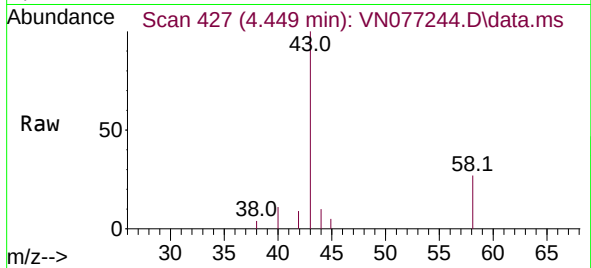
#16
Acetone
Concen: 5.393 ug/l
RT: 4.449 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001

Tgt Ion: 43 Resp: 1609
Ion Ratio Lower Upper
43 100
58 27.4 28.2 42.4

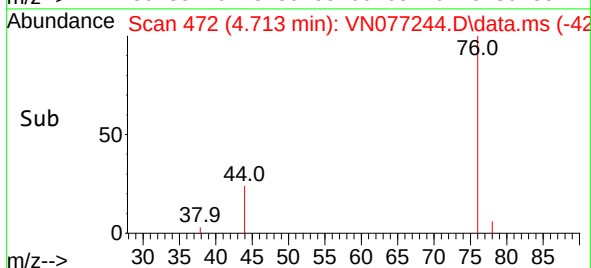
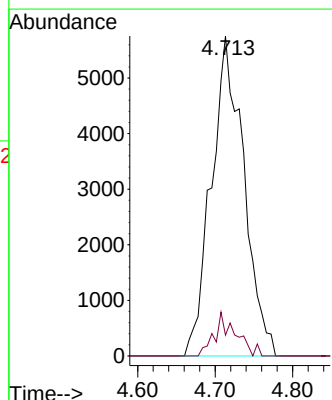
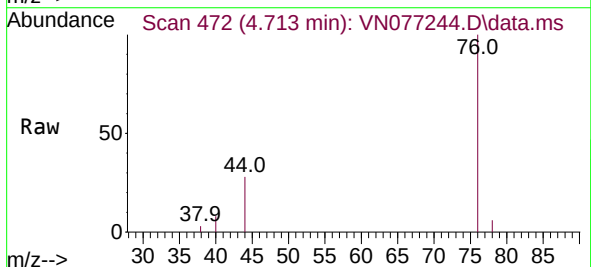
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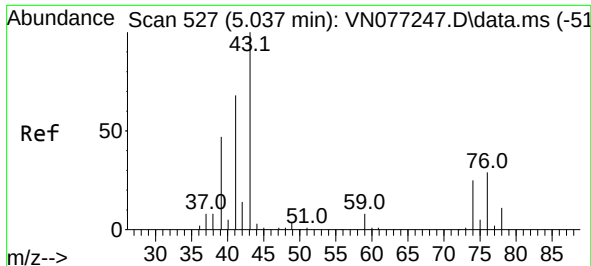
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#17
Carbon Disulfide
Concen: 1.200 ug/l
RT: 4.713 min Scan# 472
Delta R.T. -0.012 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion: 76 Resp: 16734
Ion Ratio Lower Upper
76 100
78 6.5 6.8 10.2





#18

Methyl Acetate

Concen: 1.278 ug/l

RT: 5.037 min Scan# 51

Delta R.T. 0.006 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 14336

Ion Ratio Lower Upper

43 100

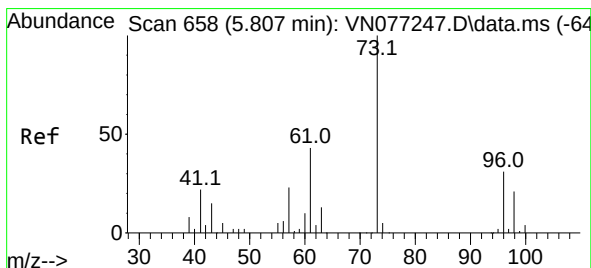
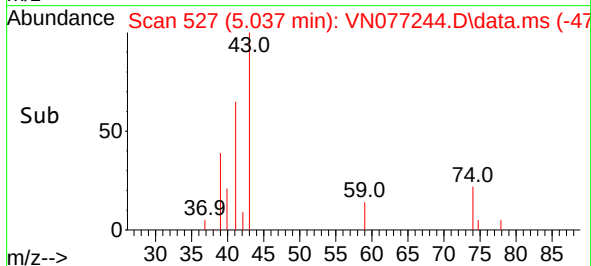
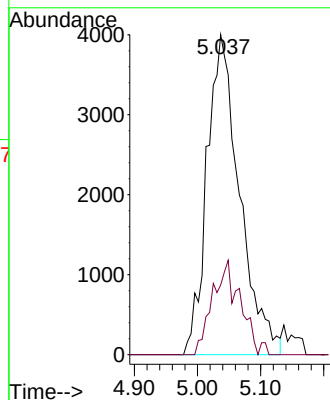
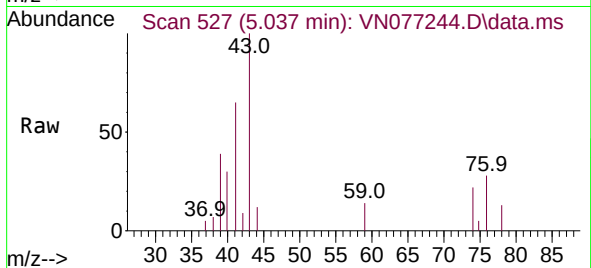
74 24.6 19.6 29.4

Manual Integrations

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Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#19

Methyl tert-butyl Ether

Concen: 0.964 ug/l

RT: 5.807 min Scan# 658

Delta R.T. 0.006 min

Lab File: VN077244.D

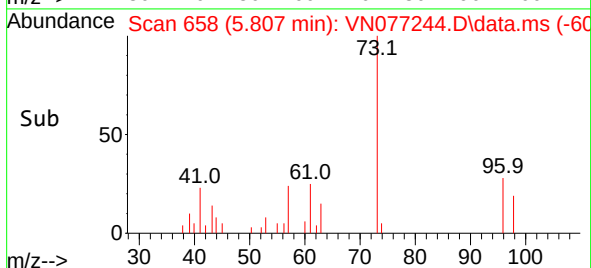
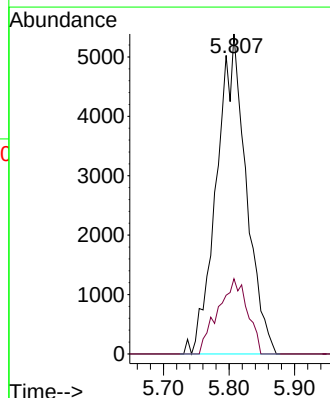
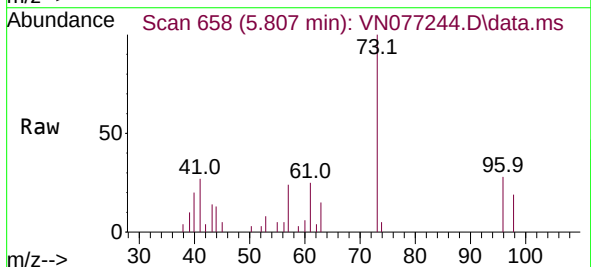
Acq: 31 Mar 2023 09:44

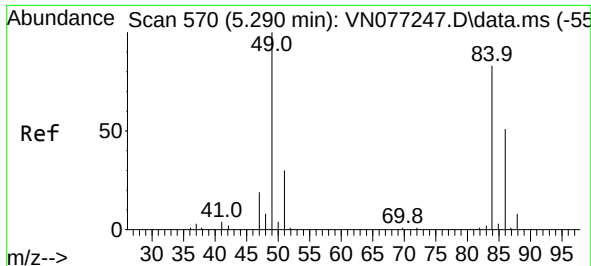
Tgt Ion: 73 Resp: 16896

Ion Ratio Lower Upper

73 100

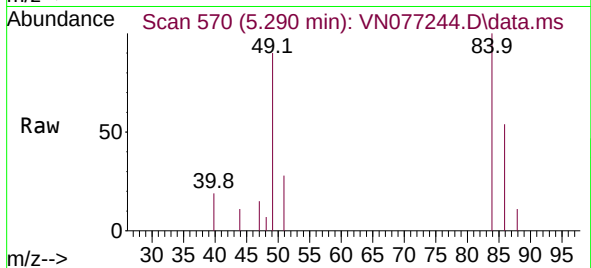
57 23.5 18.7 28.1





#20
Methylene Chloride
Concen: 1.199 ug/l
RT: 5.290 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

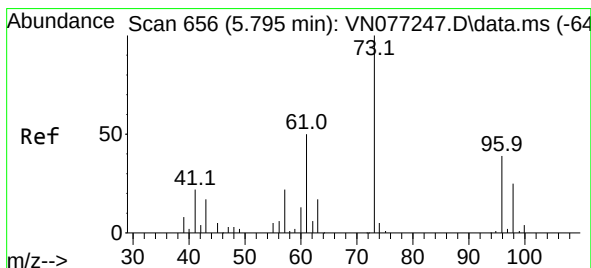
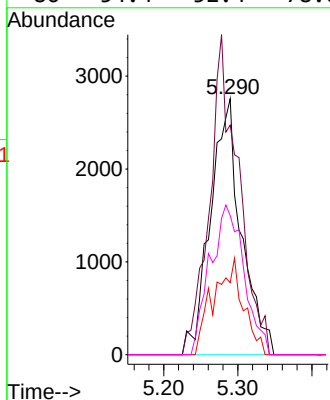
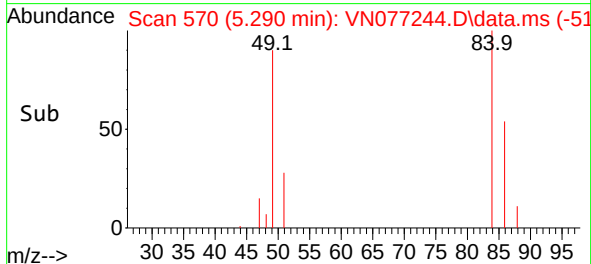
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



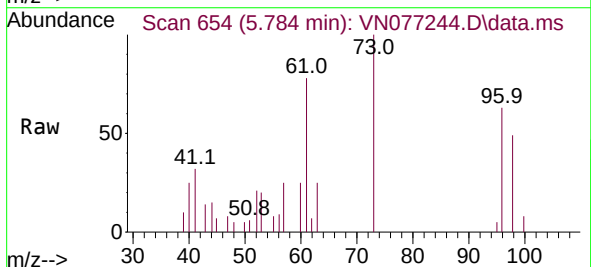
Tgt Ion:	84	Resp:	800
Ion	Ratio	Lower	Upper
84	100		
49	89.7	97.8	146.8
51	28.1	29.8	44.8
86	54.4	52.4	78.6

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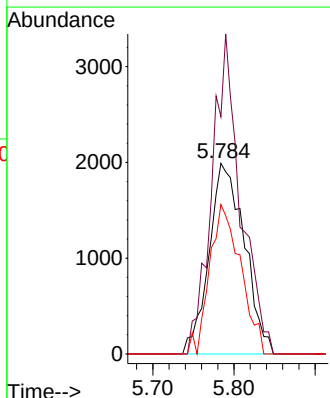
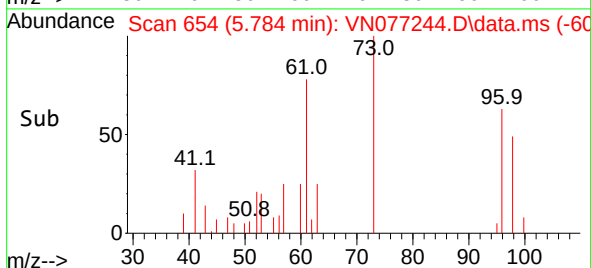
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

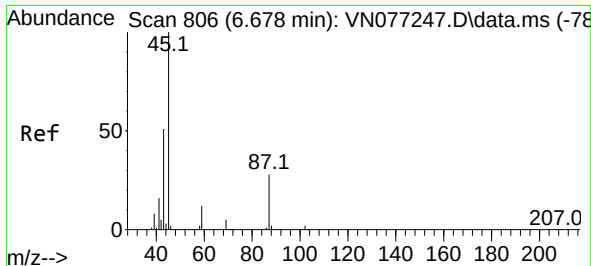


#21
trans-1,2-Dichloroethene
Concen: 1.052 ug/l
RT: 5.784 min Scan# 654
Delta R.T. -0.012 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



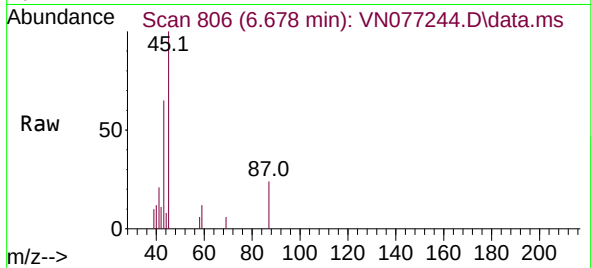
Tgt Ion:	96	Resp:	6029
Ion	Ratio	Lower	Upper
96	100		
61	124.5	109.7	164.5
98	78.4	50.4	75.6





#22
Diisopropyl ether
Concen: 0.903 ug/l
RT: 6.678 min Scan# 806
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

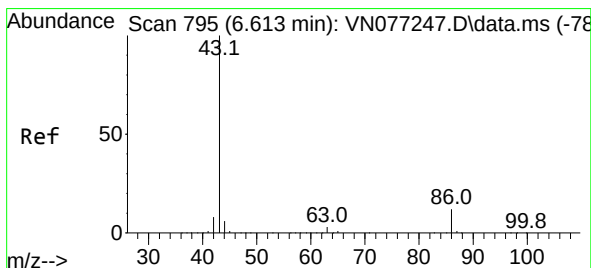
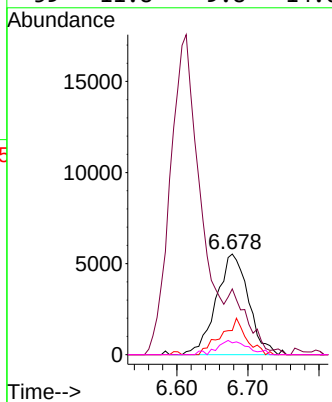
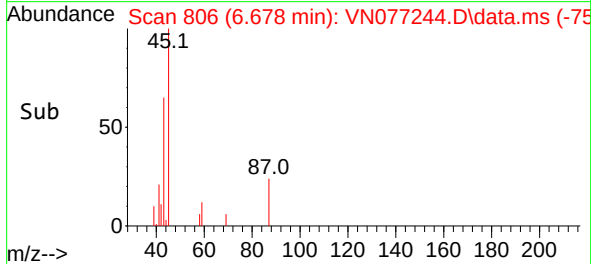
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC001



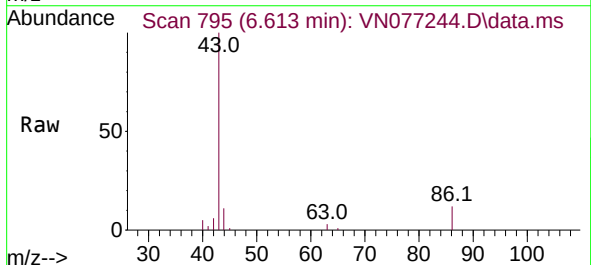
Tgt Ion: 45 Resp: 17338
Ion Ratio Lower Upper
45 100
43 59.7 39.6 59.4
87 24.0 21.0 31.4
59 11.8 9.8 14.6

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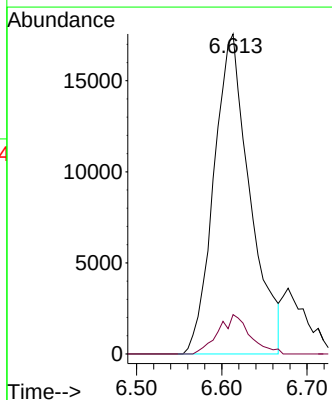
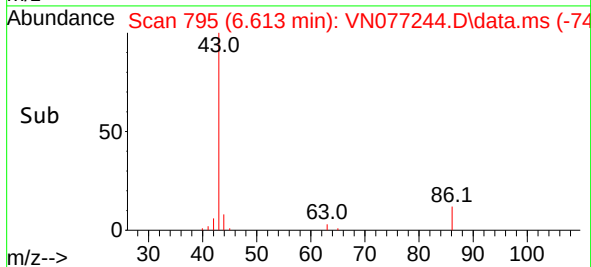
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

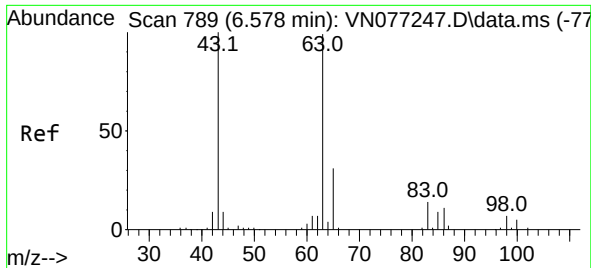


#23
Vinyl Acetate
Concen: 4.485 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



Tgt Ion: 43 Resp: 51691
Ion Ratio Lower Upper
43 100
86 12.3 9.0 13.4





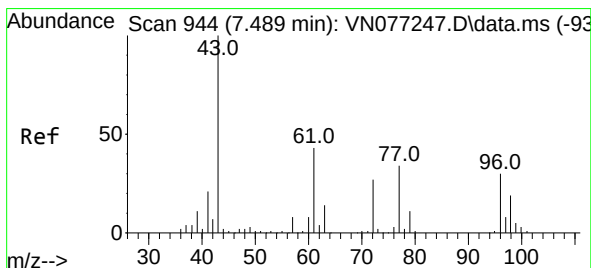
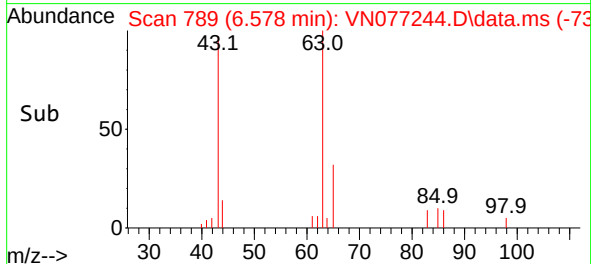
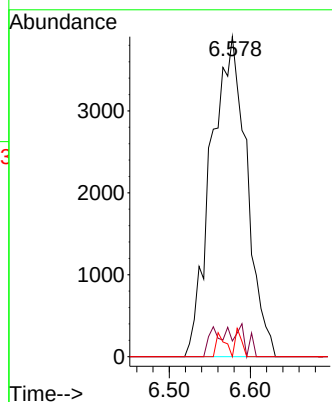
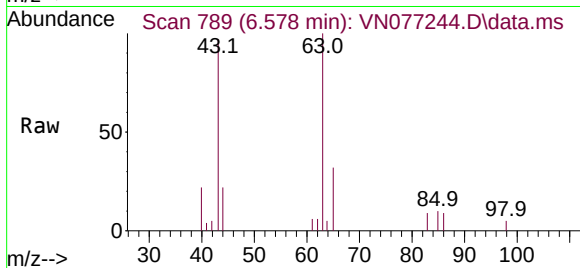
#24
1,1-Dichloroethane
Concen: 1.058 ug/l
RT: 6.578 min Scan# 789
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 1193
Ion Ratio Lower Upper
63 100
98 4.9 3.9 11.5
100 0.0 2.4 7.1

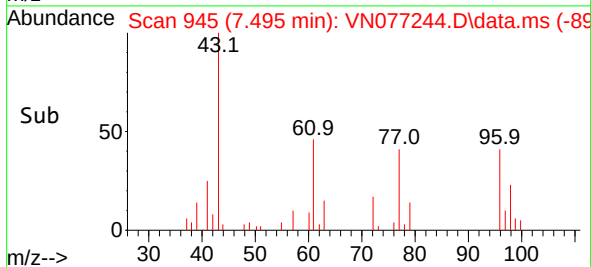
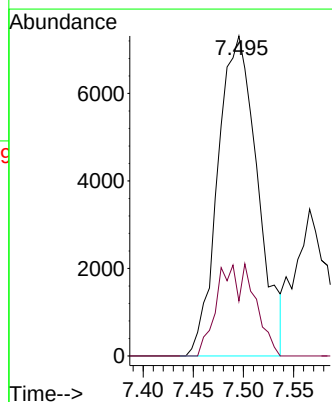
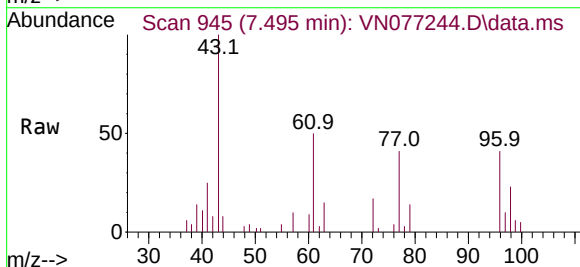
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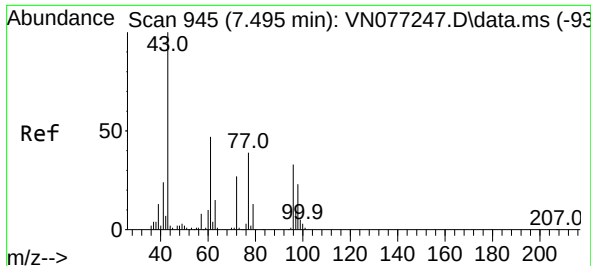
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#25
2-Butanone
Concen: 4.751 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion: 43 Resp: 20151
Ion Ratio Lower Upper
43 100
72 17.2 22.2 33.2#





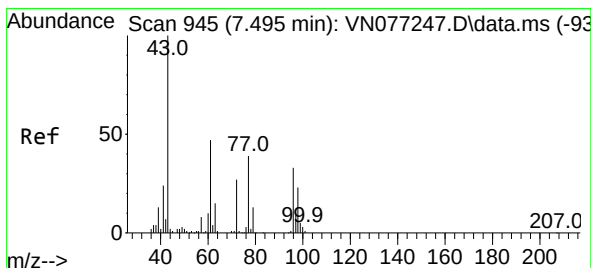
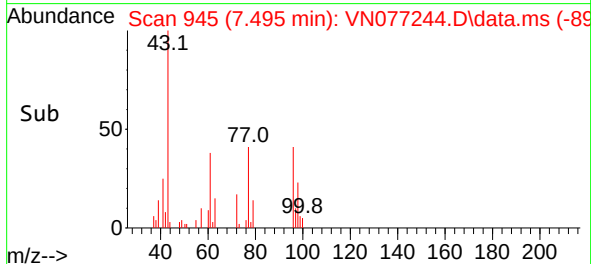
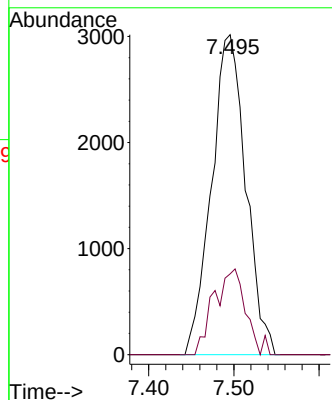
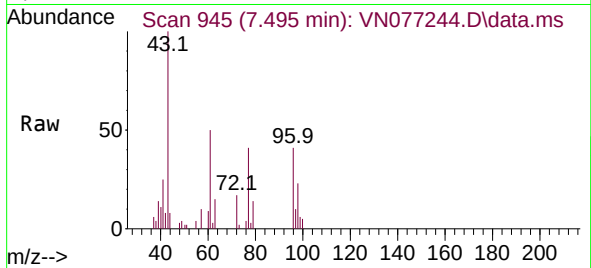
#26
2,2-Dichloropropane
Concen: 1.009 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 77 Resp: 842
Ion Ratio Lower Upper
77 100
97 24.2 11.6 34.7

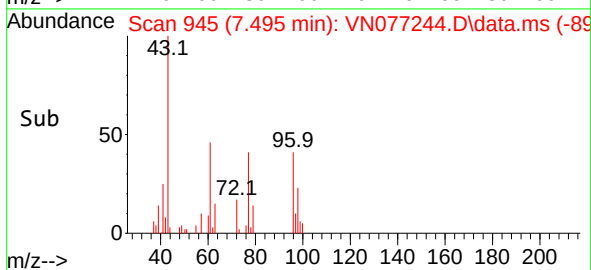
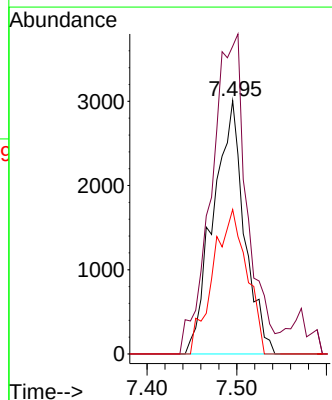
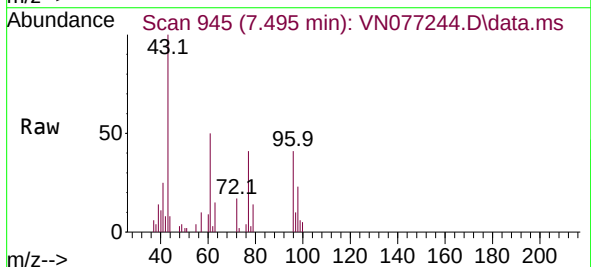
Manual Integrations
APPROVED

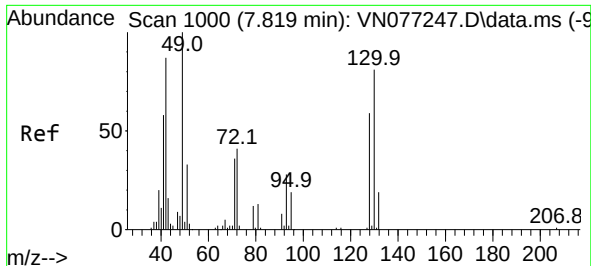
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#27
cis-1,2-Dichloroethene
Concen: 1.059 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

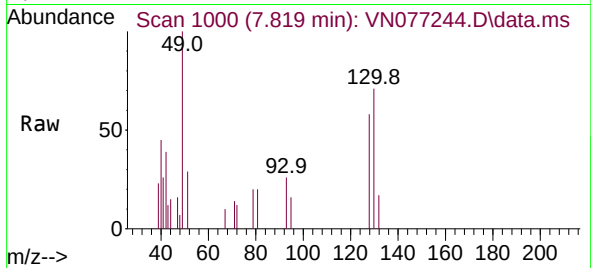
Tgt Ion: 96 Resp: 7258
Ion Ratio Lower Upper
96 100
61 146.0 0.0 286.0
98 61.8 0.0 127.8





#28
Bromochloromethane
Concen: 1.030 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

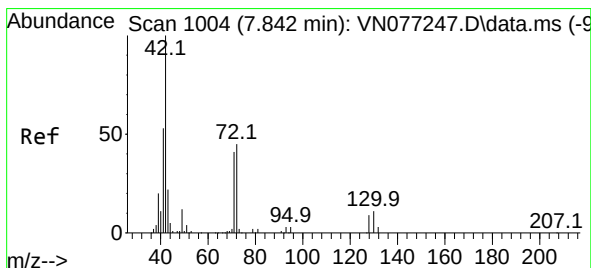
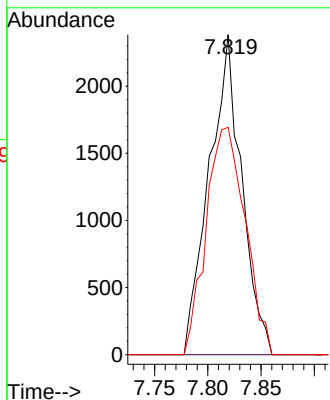
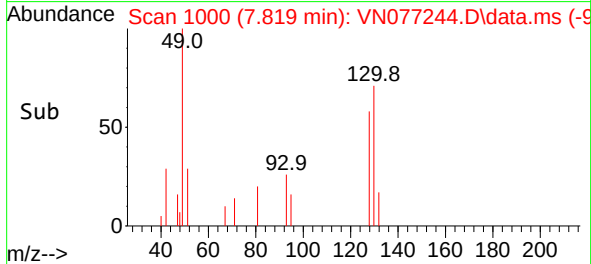
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



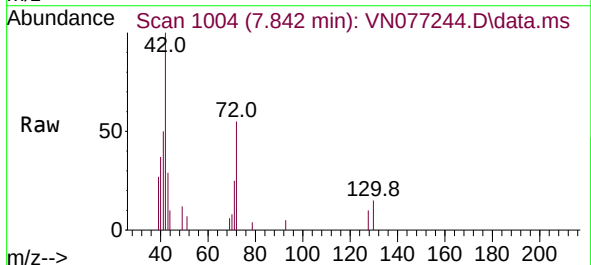
Tgt Ion: 49 Resp: 5070
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 85.1 63.9 95.9

Manual Integrations
APPROVED

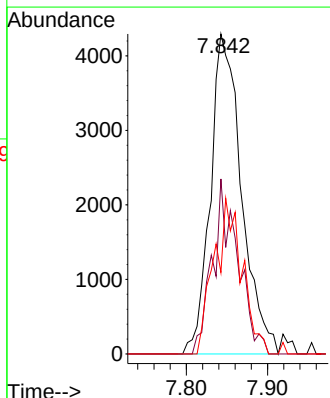
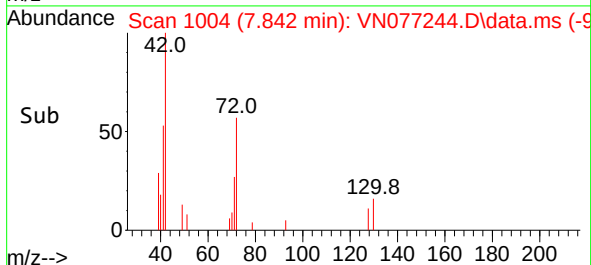
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

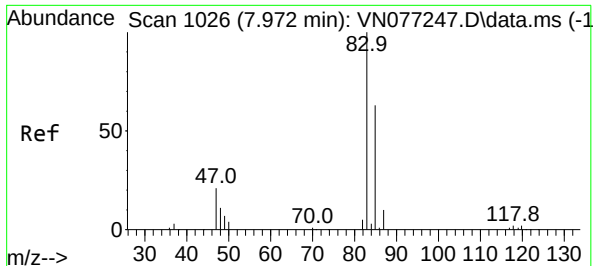


#29
Tetrahydrofuran
Concen: 4.288 ug/l
RT: 7.842 min Scan# 1004
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



Tgt Ion: 42 Resp: 11434
Ion Ratio Lower Upper
42 100
72 44.4 35.6 53.4
71 43.7 33.2 49.8





#30

Chloroform

Concen: 1.084 ug/l

RT: 7.960 min Scan# 1069

Delta R.T. -0.012 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 83 Resp: 12049

Ion Ratio Lower Upper

83 100

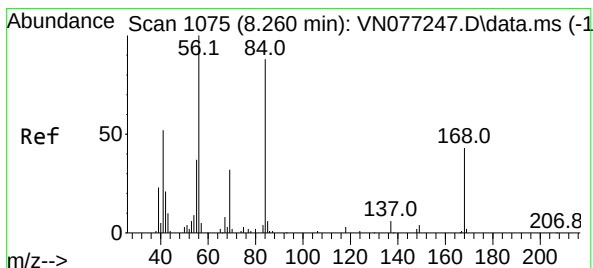
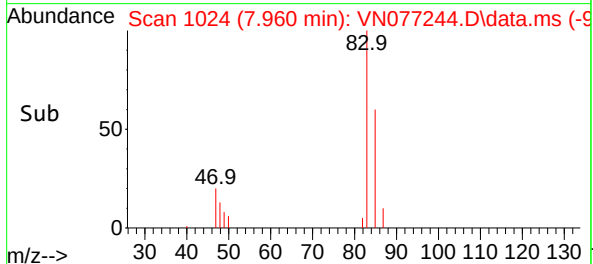
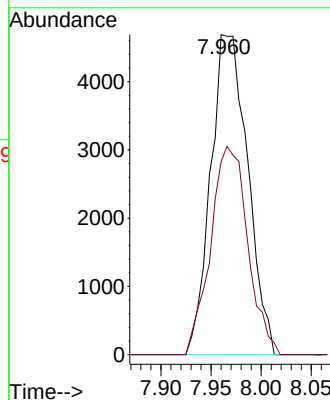
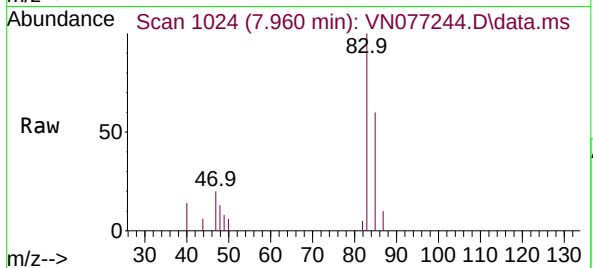
85 60.4 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#31

Cyclohexane

Concen: 1.879 ug/l

RT: 8.225 min Scan# 1069

Delta R.T. -0.035 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

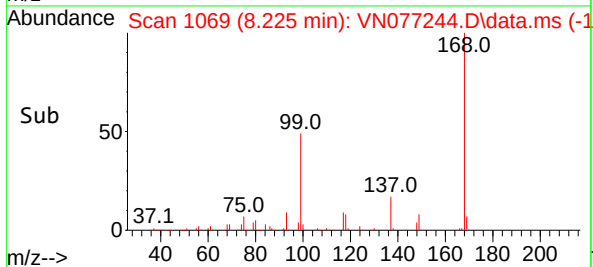
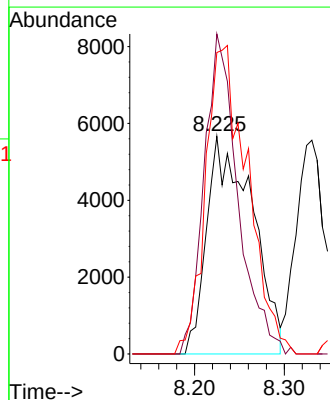
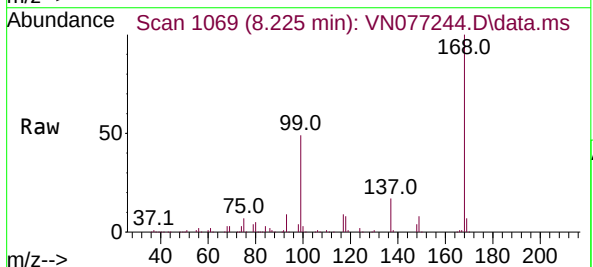
Tgt Ion: 56 Resp: 19889

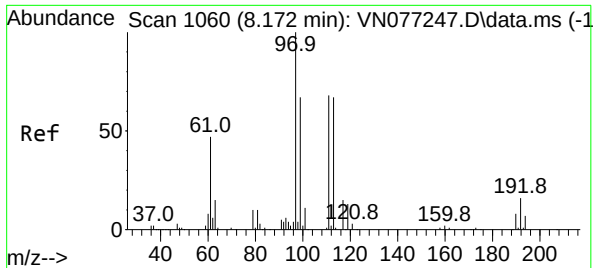
Ion Ratio Lower Upper

56 100

69 147.0 25.1 37.7#

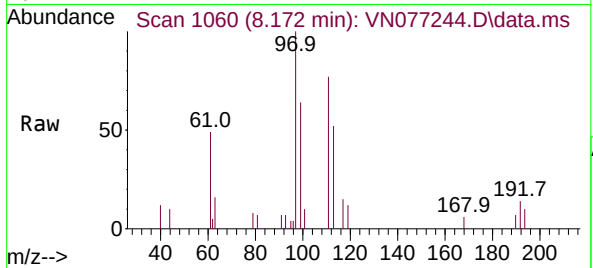
84 132.4 69.0 103.4#





#32
1,1,1-Trichloroethane
Concen: 1.092 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

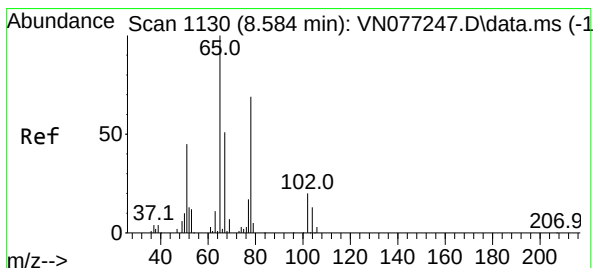
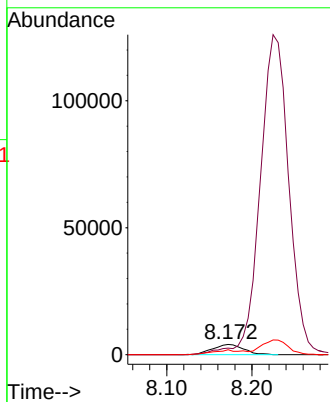
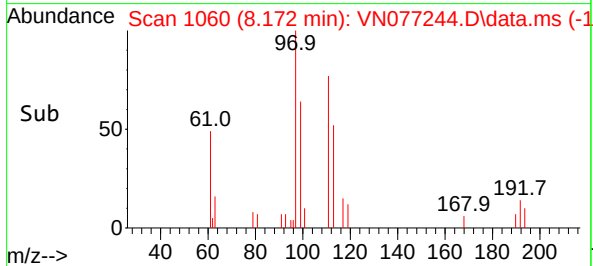
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 97 Resp: 1023
Ion Ratio Lower Upper
97 100
99 0.0 51.8 77.8
61 35.5 37.1 55.7

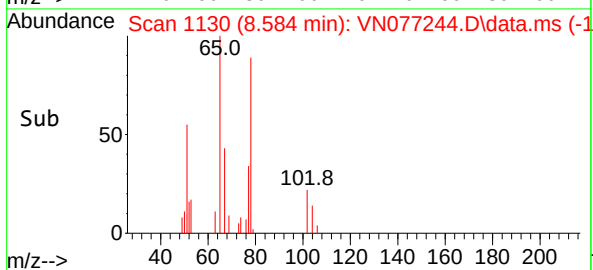
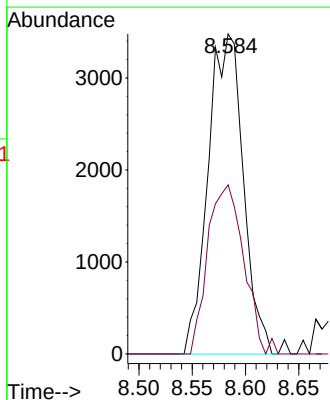
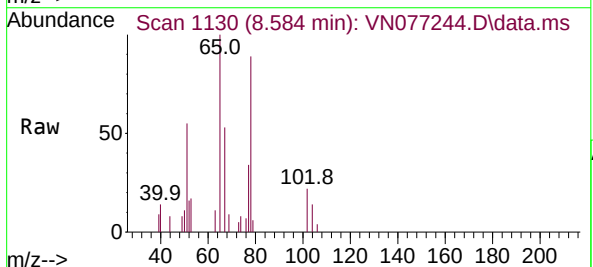
Manual Integrations
APPROVED

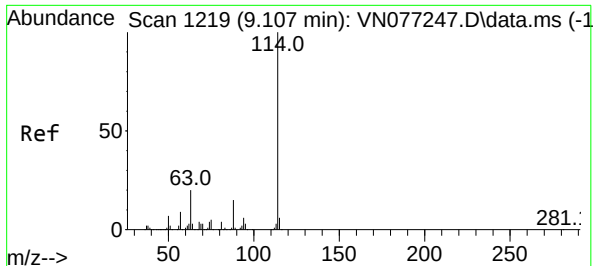
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#33
1,2-Dichloroethane-d4
Concen: 1.329 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion: 65 Resp: 7973
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:114 Resp: 907280

Ion Ratio Lower Upper

114 100

63 20.1 0.0 39.2

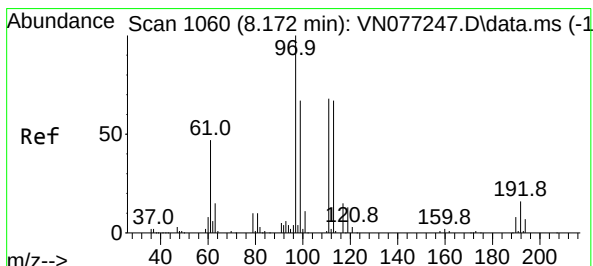
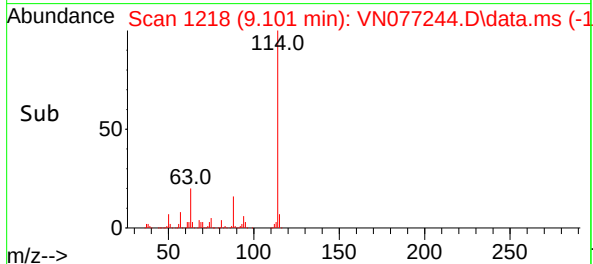
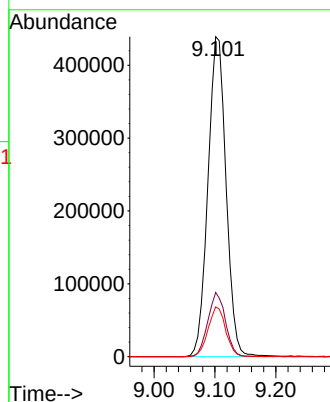
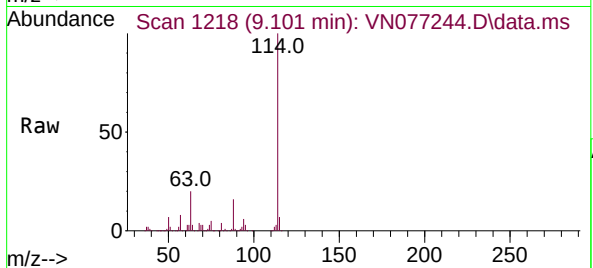
88 15.6 0.0 29.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#35

Dibromofluoromethane

Concen: 1.234 ug/l

RT: 8.160 min Scan# 1058

Delta R.T. -0.012 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

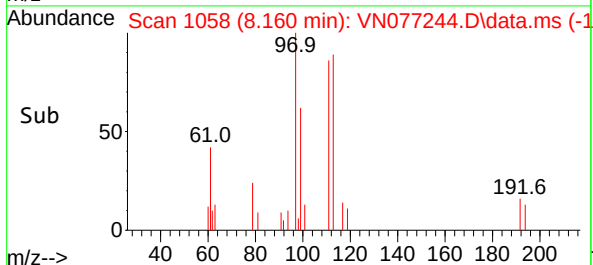
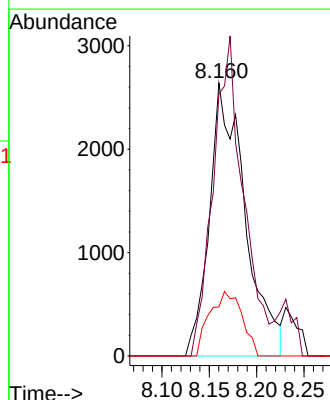
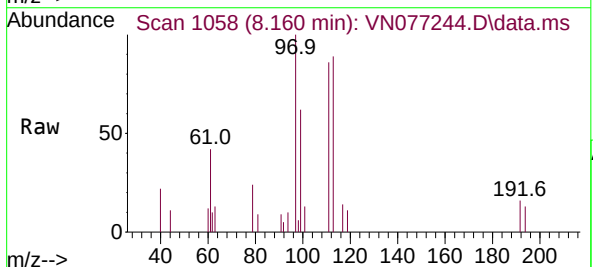
Tgt Ion:113 Resp: 6909

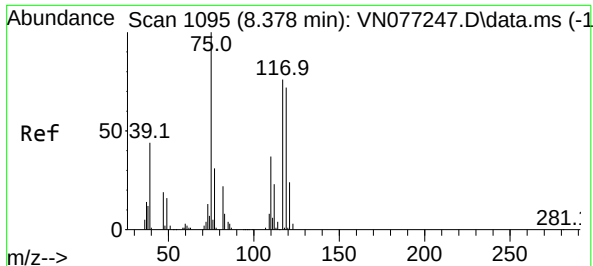
Ion Ratio Lower Upper

113 100

111 98.9 82.2 123.2

192 21.3 18.5 27.7





#36

1,1-Dichloropropene

Concen: 1.017 ug/l

RT: 8.372 min Scan# 1095

Delta R.T. -0.006 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

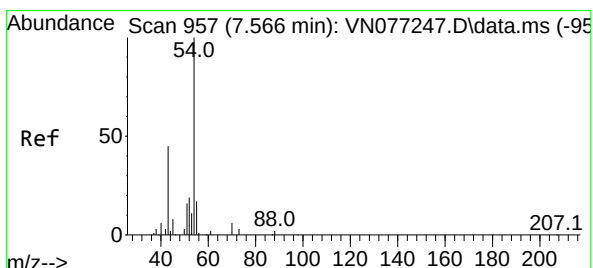
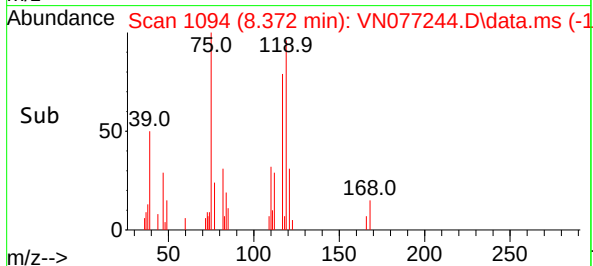
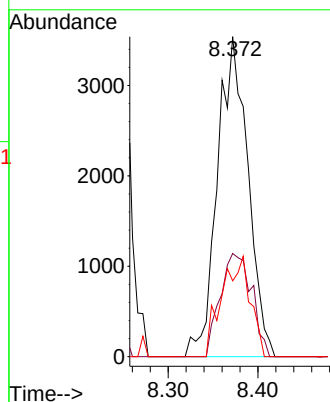
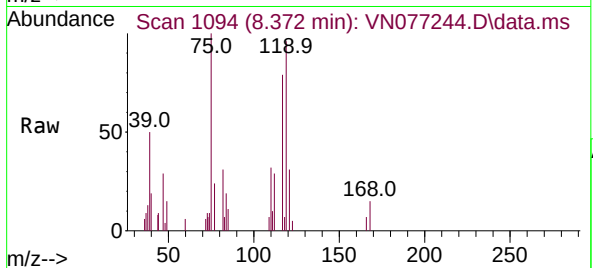
Tgt Ion: 75	Resp: 835
Ion Ratio	Lower Upper
75 100	
110 33.3	17.6 52.9
77 29.4	24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#37

Ethyl Acetate

Concen: 0.884 ug/l

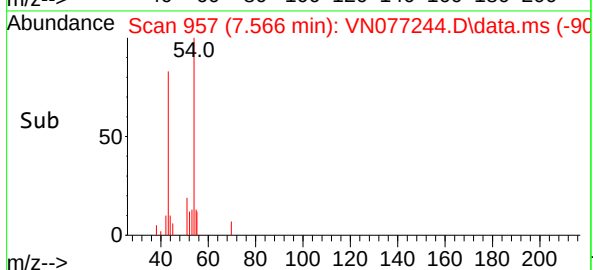
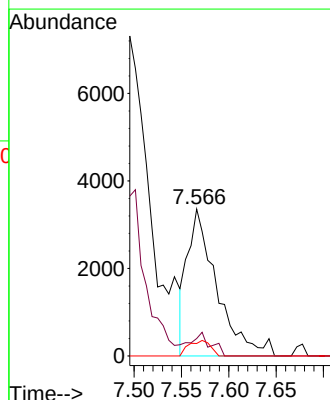
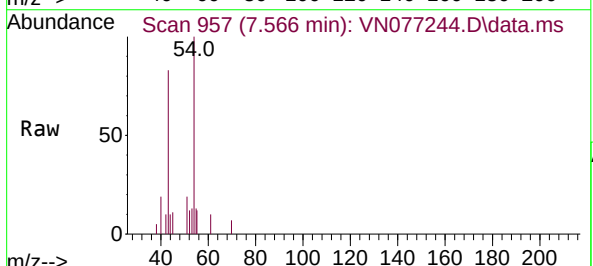
RT: 7.566 min Scan# 957

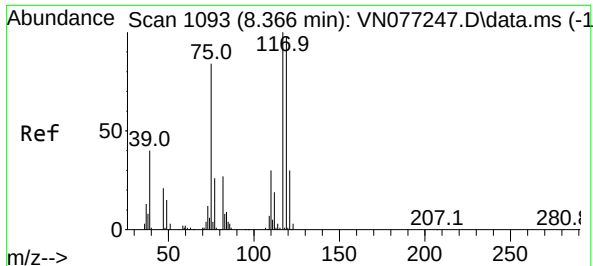
Delta R.T. 0.000 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

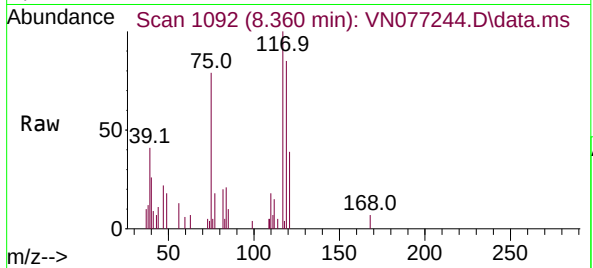
Tgt Ion: 43	Resp: 7289
Ion Ratio	Lower Upper
43 100	
61 11.0	10.9 16.3
70 7.7	8.8 13.2





#38
Carbon Tetrachloride
Concen: 1.072 ug/l
RT: 8.360 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

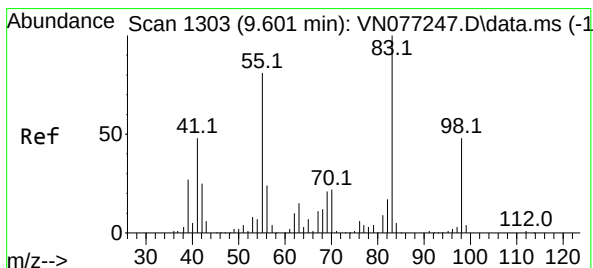
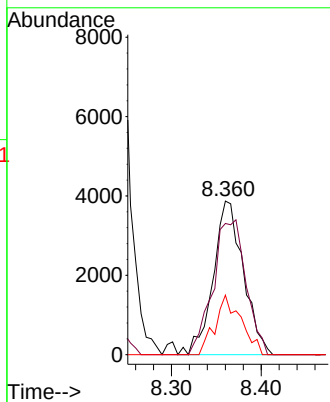
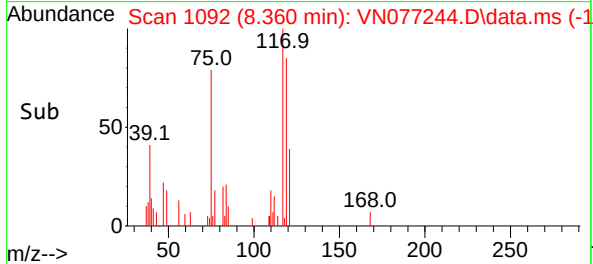
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 117 Resp: 903
Ion Ratio Lower Upper
117 100
119 85.4 76.5 114.7
121 38.8 23.8 35.8

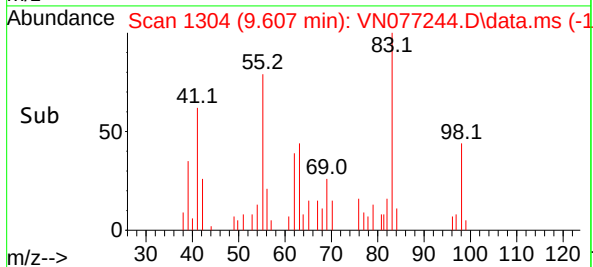
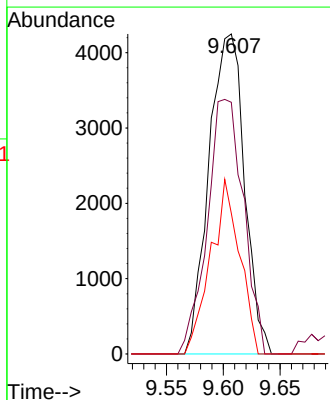
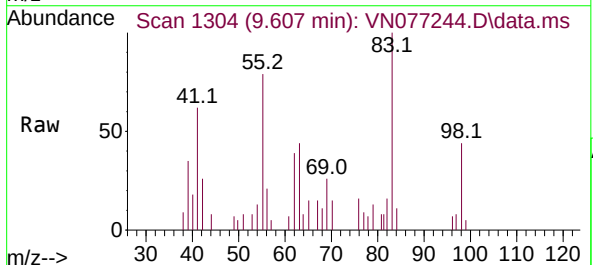
Manual Integrations
APPROVED

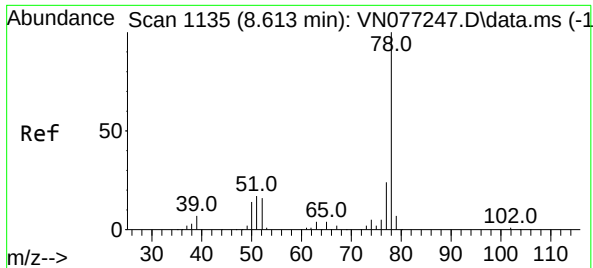
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#39
Methylcyclohexane
Concen: 0.917 ug/l
RT: 9.607 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion: 83 Resp: 9248
Ion Ratio Lower Upper
83 100
55 78.7 59.7 89.5
98 44.0 37.2 55.8





#40

Benzene

Concen: 1.028 ug/l

RT: 8.607 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 78 Resp: 2653

Ion Ratio Lower Upper

78 100

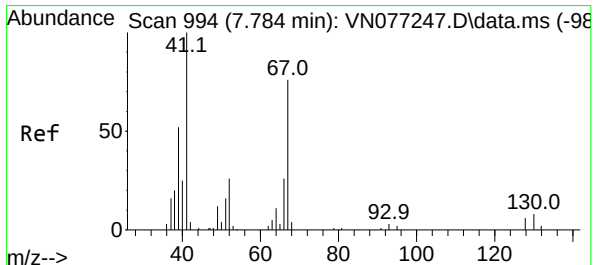
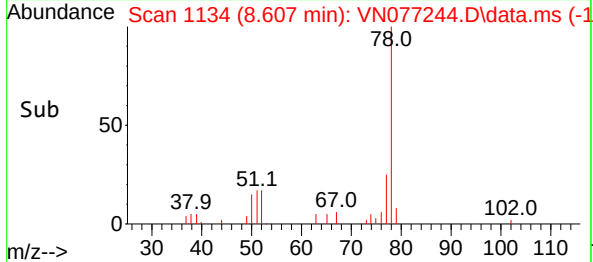
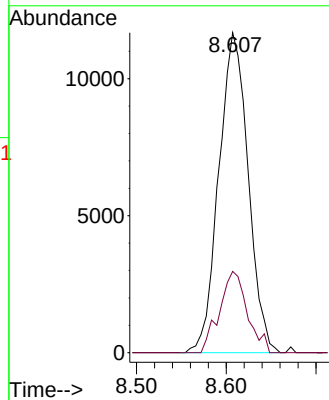
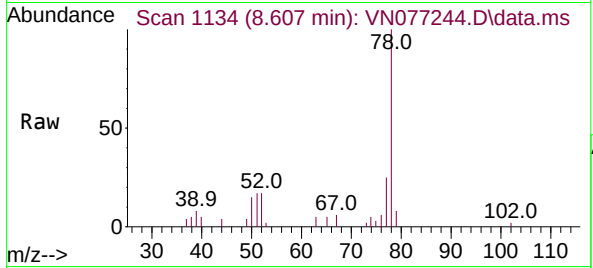
77 25.4 18.7 28.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#41

Methacrylonitrile

Concen: 0.940 ug/l

RT: 7.784 min Scan# 994

Delta R.T. 0.000 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Tgt Ion: 41 Resp: 4235

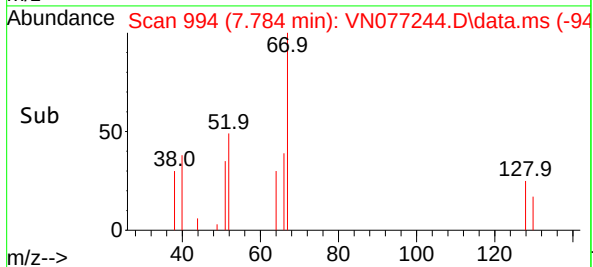
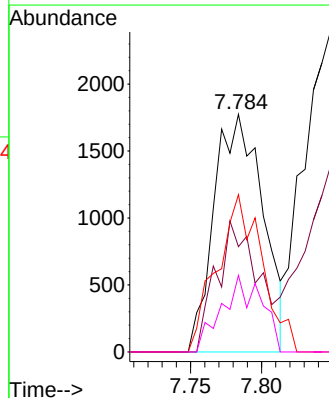
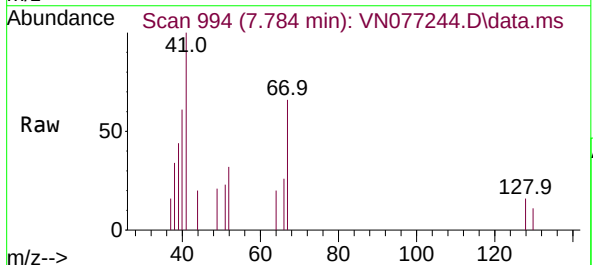
Ion Ratio Lower Upper

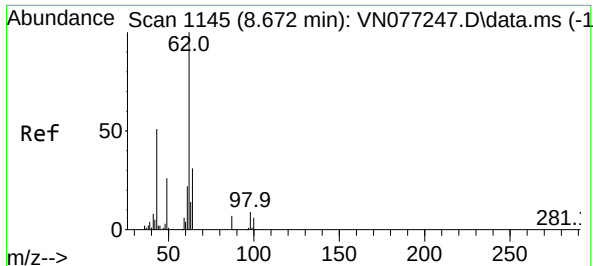
41 100

39 46.2 44.0 66.0

67 61.1 60.7 91.1

52 26.0 23.9 35.9





#42

1,2-Dichloroethane

Concen: 1.012 ug/l

RT: 8.672 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 62 Resp: 8548

Ion Ratio Lower Upper

62 100

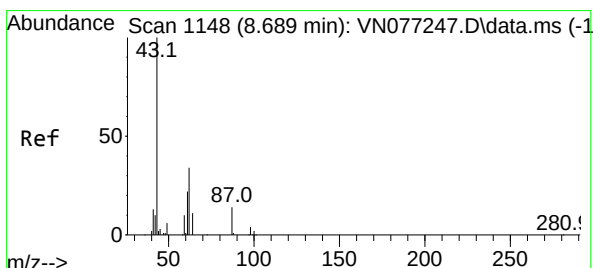
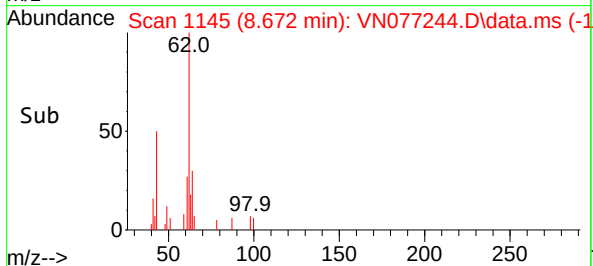
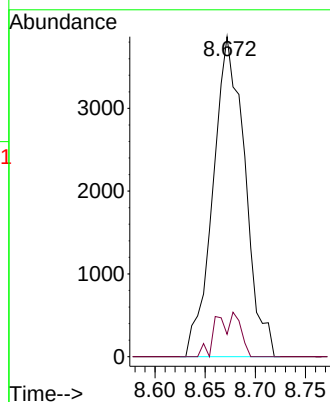
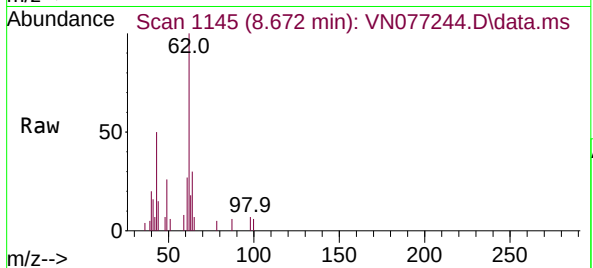
98 5.7 0.0 20.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#43

Isopropyl Acetate

Concen: 0.948 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.006 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

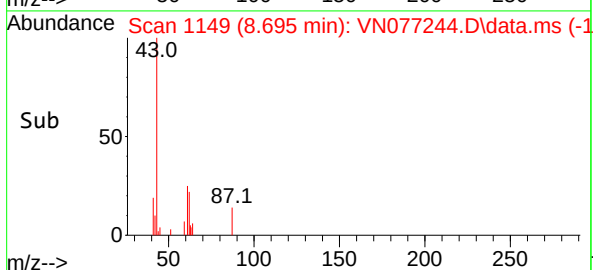
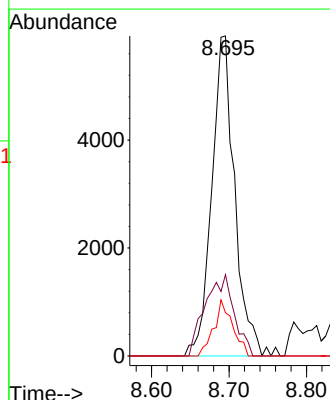
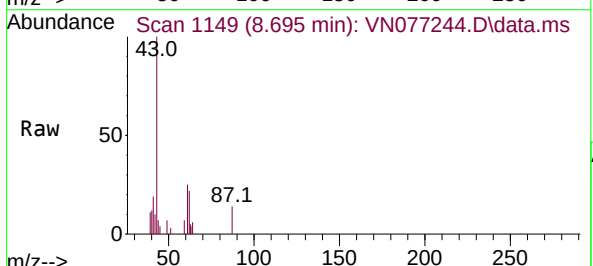
Tgt Ion: 43 Resp: 12258

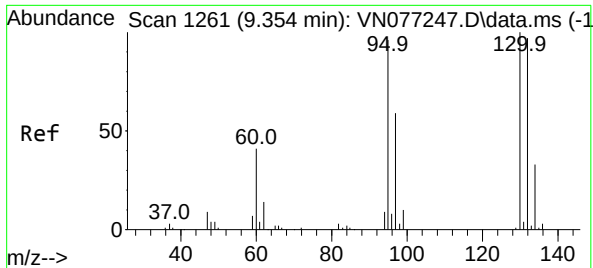
Ion Ratio Lower Upper

43 100

61 32.0 22.2 33.2

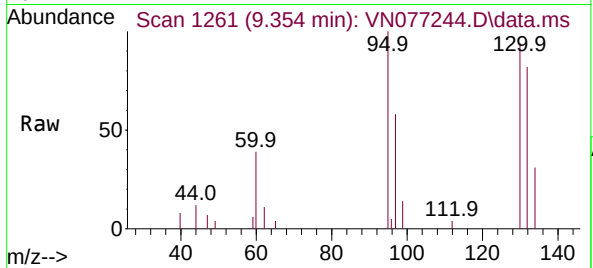
87 14.3 11.3 16.9





#44
Trichloroethene
Concen: 1.092 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

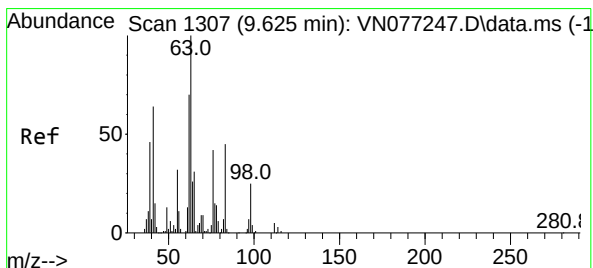
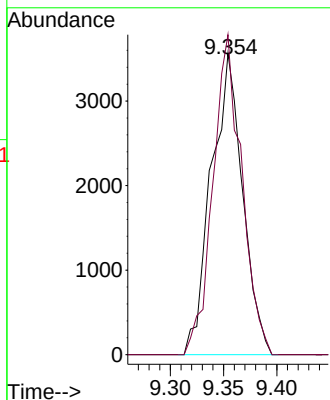
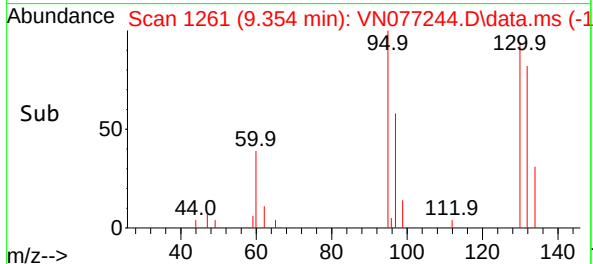
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



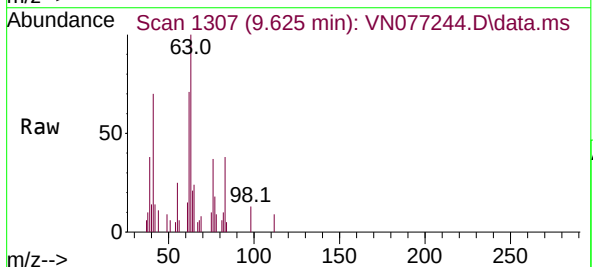
Tgt Ion:130 Resp: 7288
Ion Ratio Lower Upper
130 100
95 106.3 0.0 197.8

Manual Integrations
APPROVED

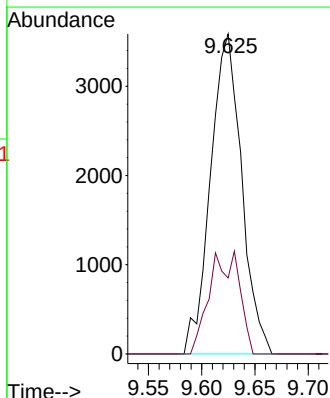
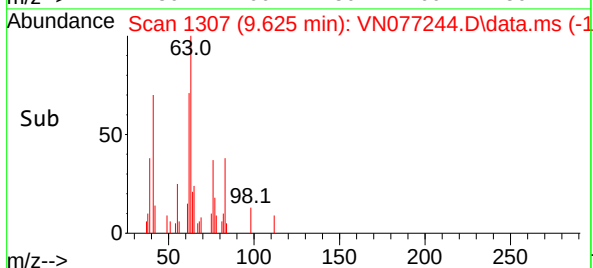
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

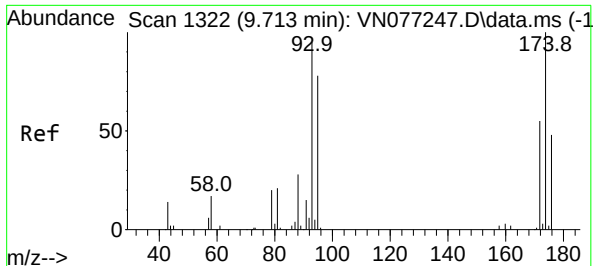


#45
1,2-Dichloropropane
Concen: 1.061 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



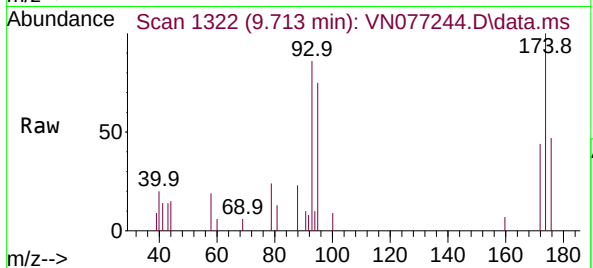
Tgt Ion: 63 Resp: 7280
Ion Ratio Lower Upper
63 100
65 23.8 24.2 36.4#





#46
Dibromomethane
Concen: 1.128 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

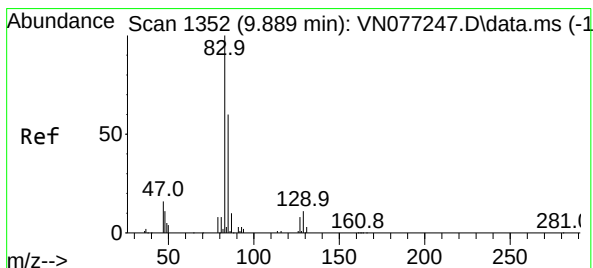
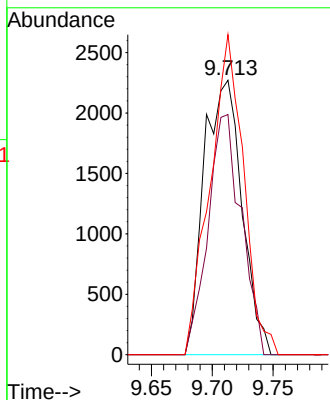
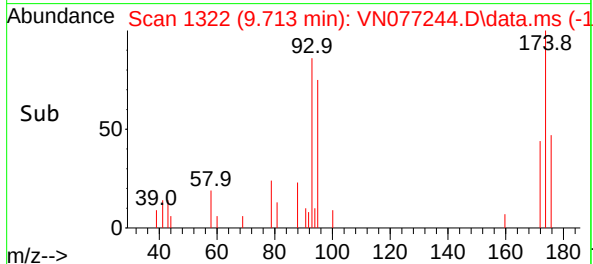
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



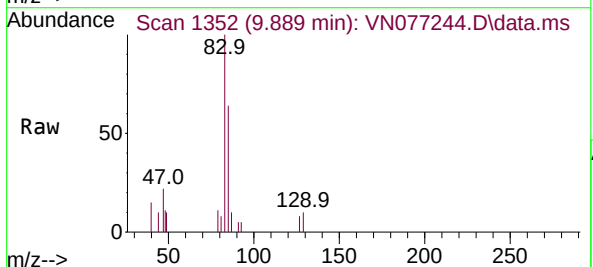
Tgt Ion: 93 Resp: 4924
Ion Ratio Lower Upper
93 100
95 76.8 66.1 99.1
174 103.3 91.0 136.4

Manual Integrations
APPROVED

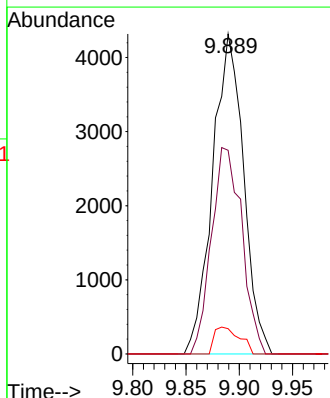
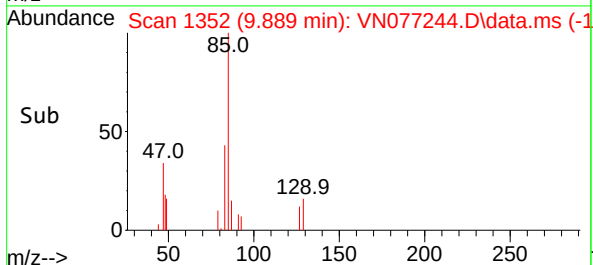
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

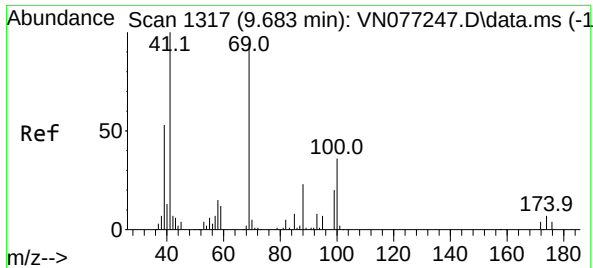


#47
Bromodichloromethane
Concen: 1.014 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



Tgt Ion: 83 Resp: 8710
Ion Ratio Lower Upper
83 100
85 63.6 51.3 76.9
127 7.9 6.6 10.0





#48

Methyl methacrylate

Concen: 0.917 ug/l

RT: 9.684 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

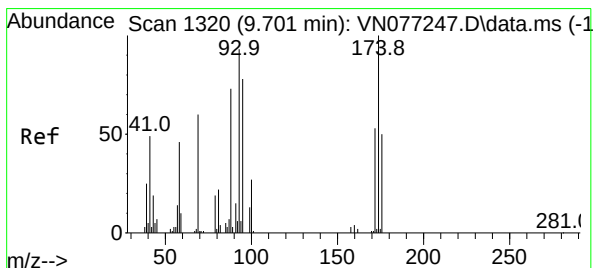
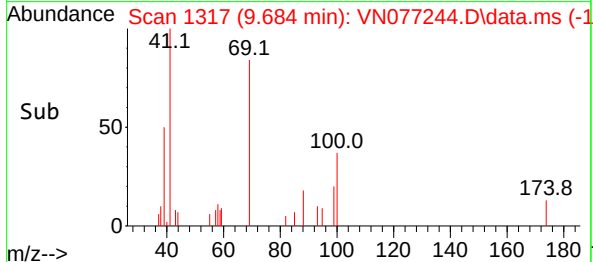
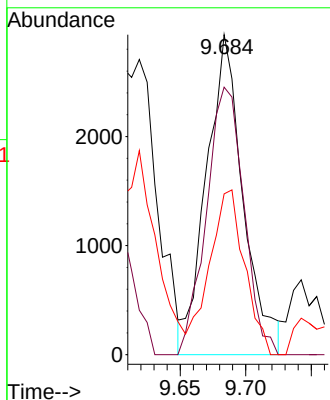
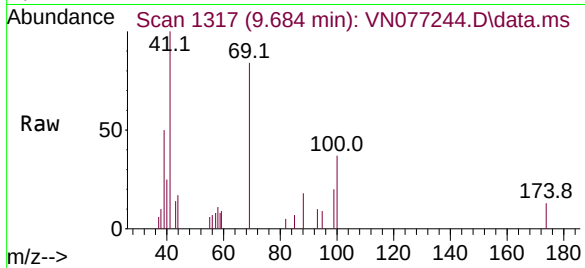
Tgt Ion: 41	Resp: 572
Ion Ratio	Lower Upper
41	100
69	85.3 70.7 106.1
39	49.2 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#49

1,4-Dioxane

Concen: 17.742 ug/l

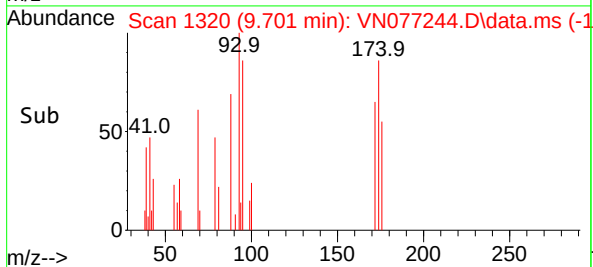
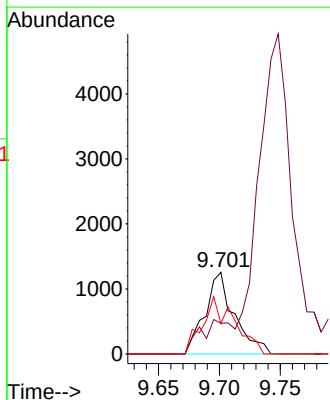
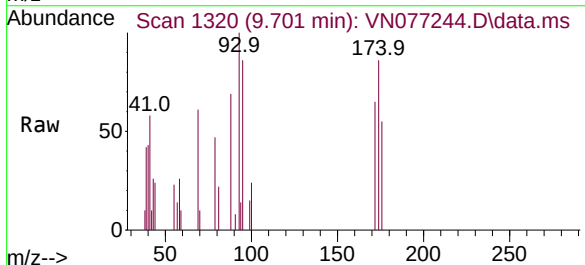
RT: 9.701 min Scan# 1320

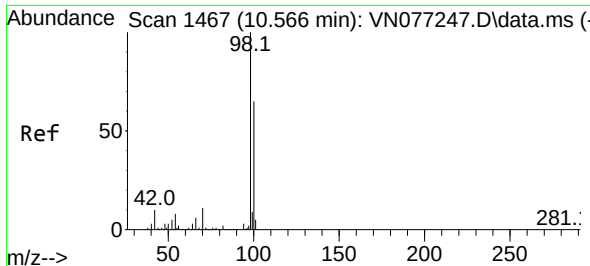
Delta R.T. 0.006 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

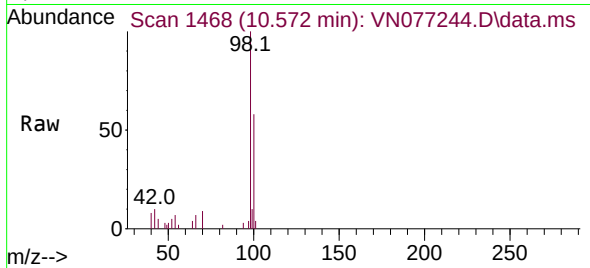
Tgt Ion: 88	Resp: 2106
Ion Ratio	Lower Upper
88	100
43	46.4 21.2 31.8
58	76.2 56.5 84.7





#50
Toluene-d8
Concen: 1.055 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

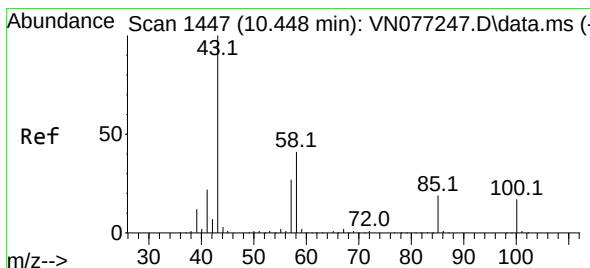
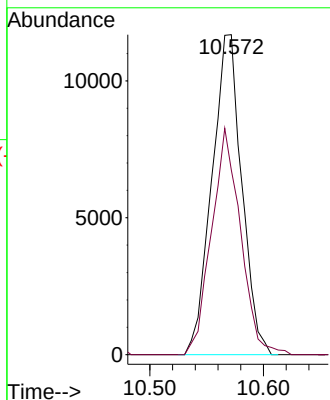
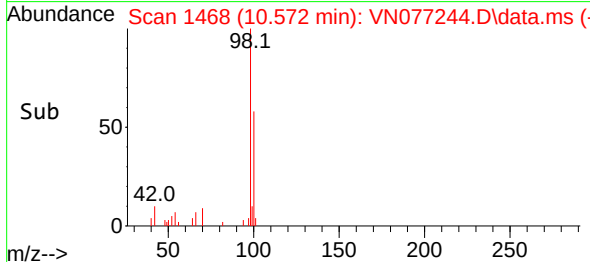
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



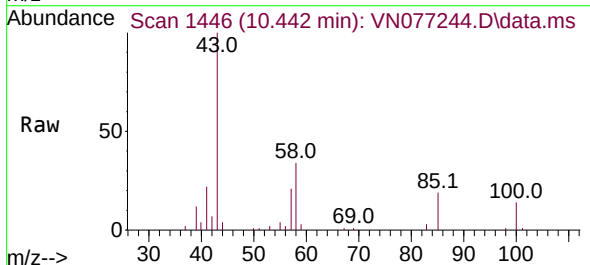
Tgt Ion: 98 Resp: 21369
Ion Ratio Lower Upper
98 100
100 68.8 52.0 78.0

Manual Integrations
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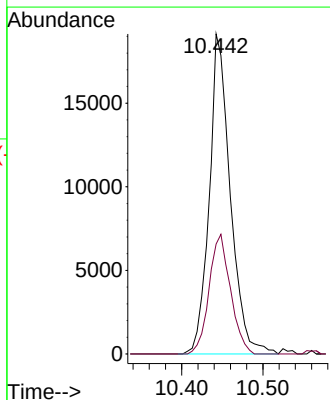
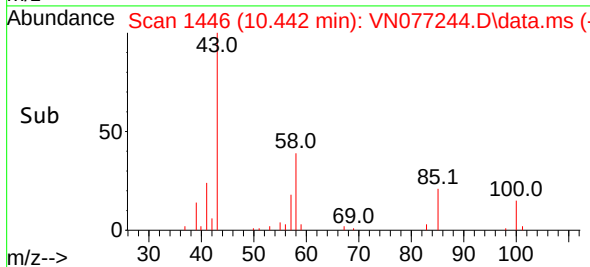
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

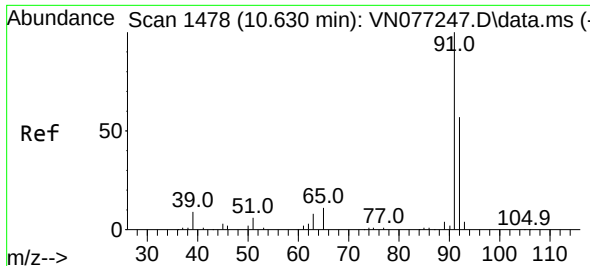


#51
4-Methyl-2-Pentanone
Concen: 4.205 ug/l
RT: 10.442 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



Tgt Ion: 43 Resp: 34443
Ion Ratio Lower Upper
43 100
58 38.0 33.3 49.9





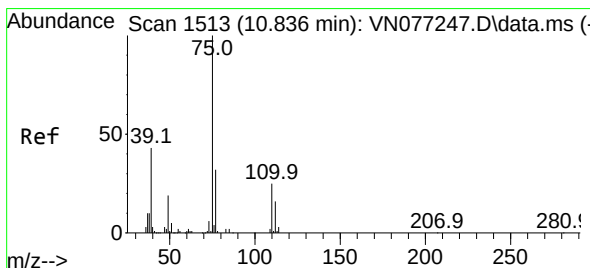
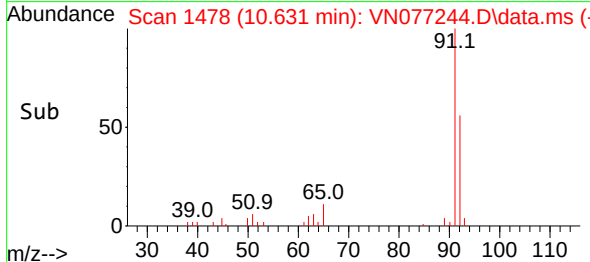
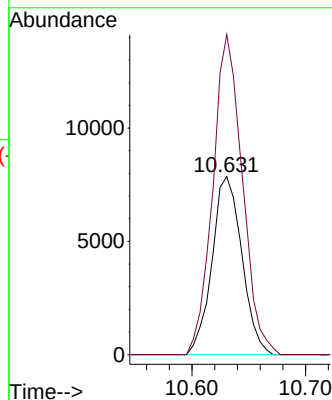
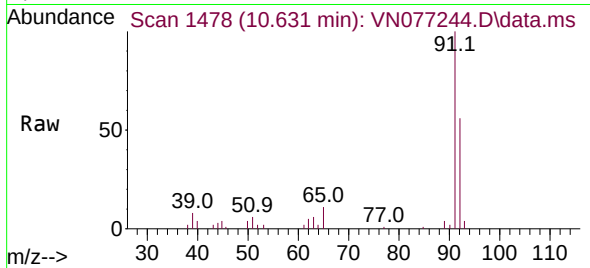
#52
Toluene
Concen: 0.919 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 92 Resp: 14349
Ion Ratio Lower Upper
92 100
91 177.9 138.8 208.2

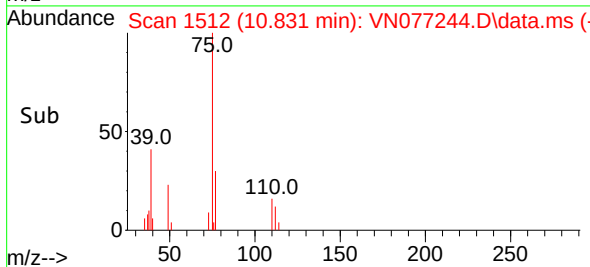
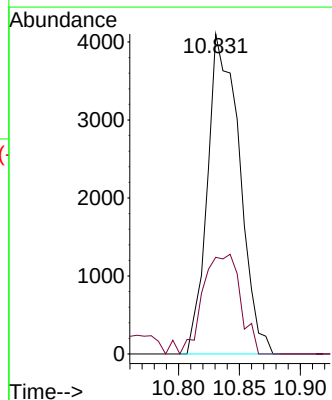
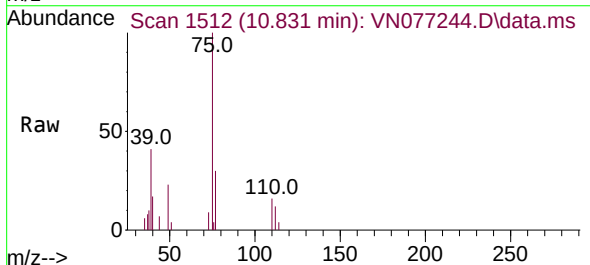
Manual Integrations
APPROVED

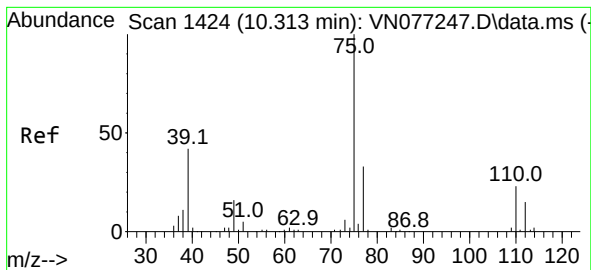
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#53
t-1,3-Dichloropropene
Concen: 0.883 ug/l
RT: 10.831 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

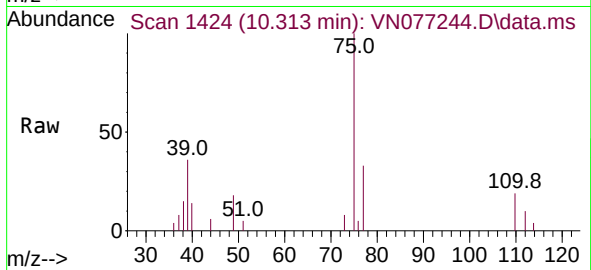
Tgt Ion: 75 Resp: 7486
Ion Ratio Lower Upper
75 100
77 30.2 25.8 38.8





#54
 cis-1,3-Dichloropropene
 Concen: 0.920 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077244.D
 Acq: 31 Mar 2023 09:44

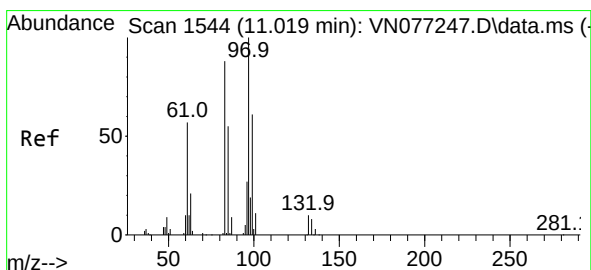
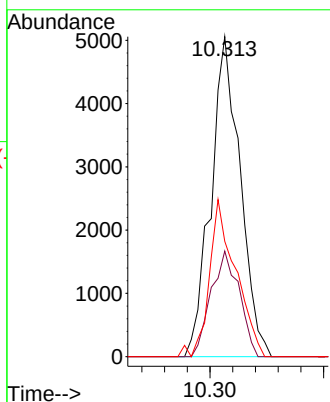
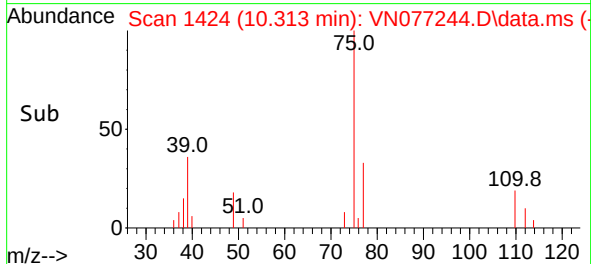
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 75 Resp: 9054
 Ion Ratio Lower Upper
 75 100
 77 33.0 24.8 37.2
 39 36.0 33.3 49.9

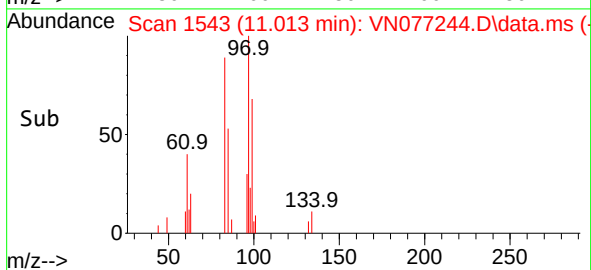
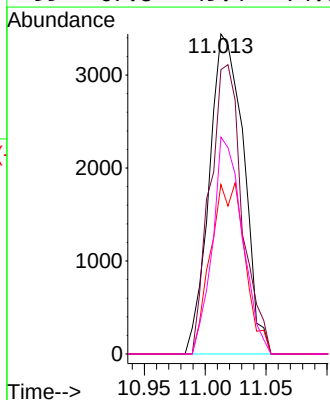
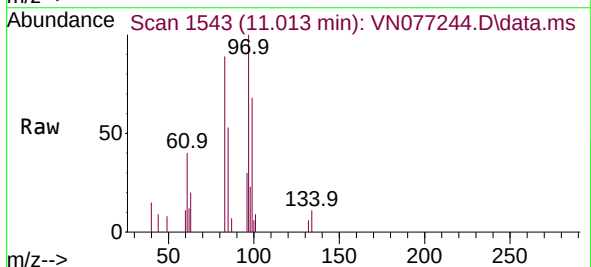
Manual Integrations
 APPROVED

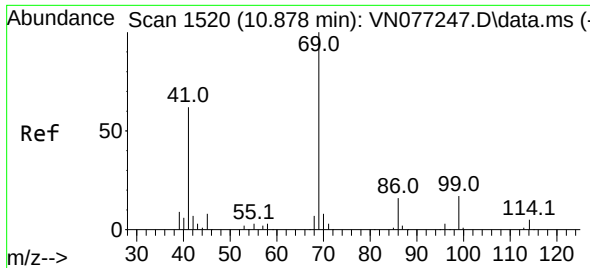
Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023



#55
 1,1,2-Trichloroethane
 Concen: 1.048 ug/l
 RT: 11.013 min Scan# 1543
 Delta R.T. -0.006 min
 Lab File: VN077244.D
 Acq: 31 Mar 2023 09:44

Tgt Ion: 97 Resp: 6764
 Ion Ratio Lower Upper
 97 100
 83 88.8 68.4 102.6
 85 52.9 43.2 64.8
 99 67.8 49.4 74.0





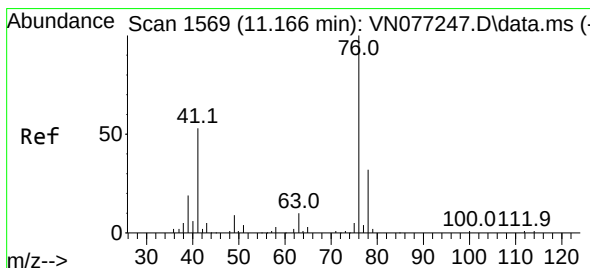
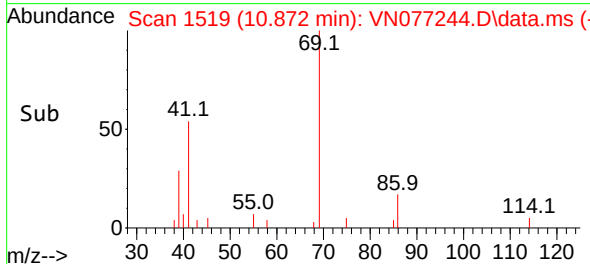
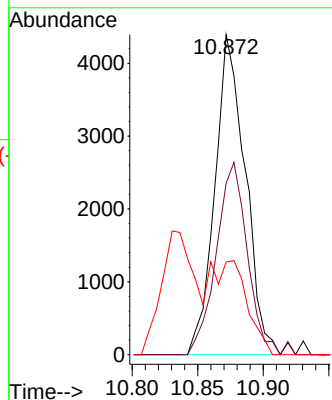
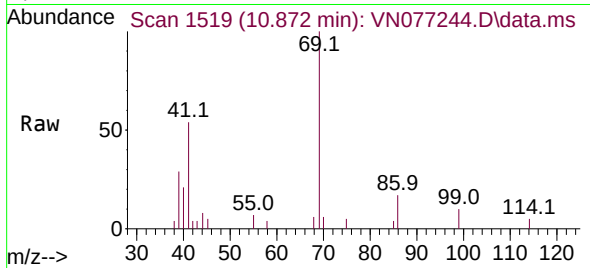
#56
Ethyl methacrylate
Concen: 0.791 ug/l
RT: 10.872 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 69 Resp: 7069
Ion Ratio Lower Upper
69 100
41 62.1 49.9 74.9
39 34.9 21.9 32.9

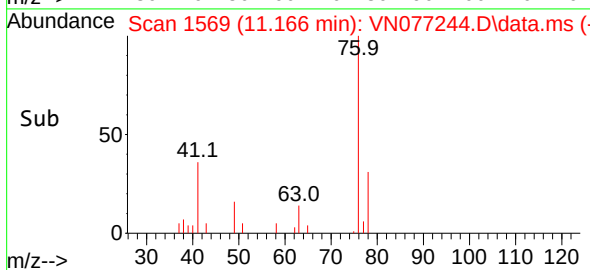
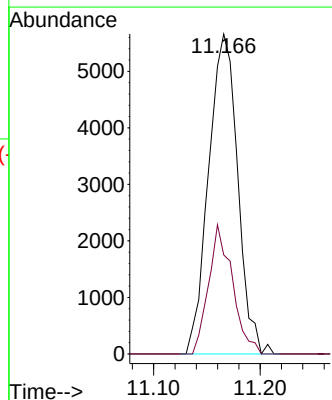
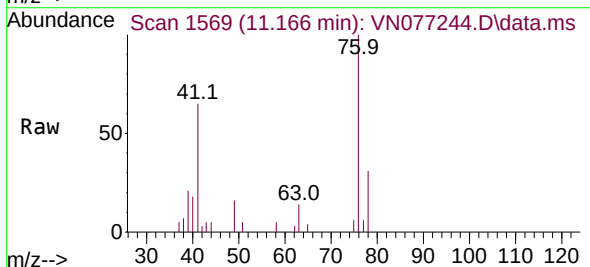
Manual Integrations
APPROVED

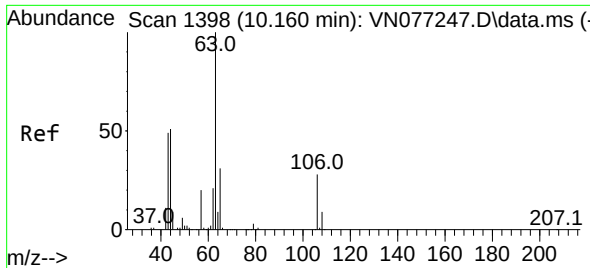
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#57
1,3-Dichloropropane
Concen: 0.978 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion: 76 Resp: 10730
Ion Ratio Lower Upper
76 100
78 33.2 25.9 38.9





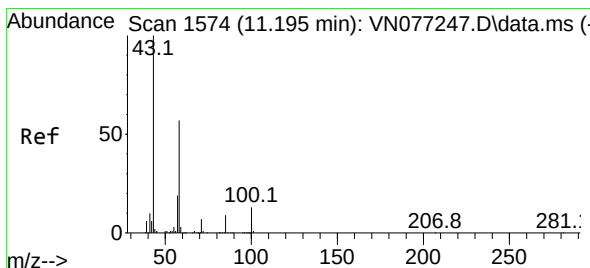
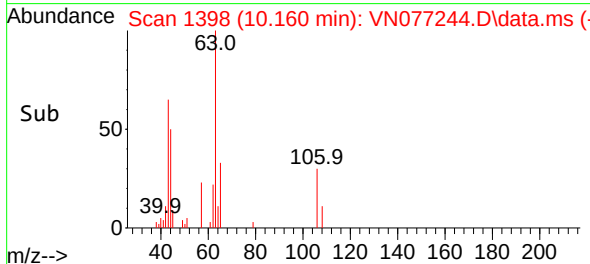
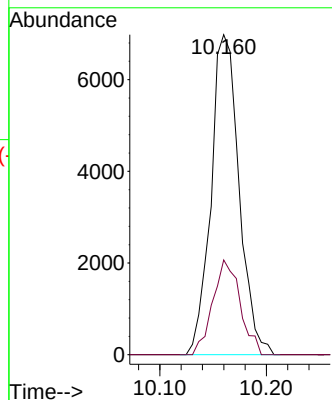
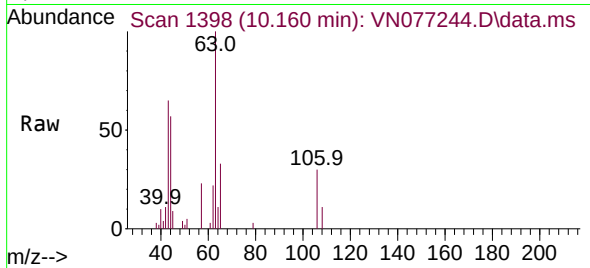
#58
2-Chloroethyl Vinyl ether
Concen: 4.131 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 63 Resp: 1276
Ion Ratio Lower Upper
63 100
106 28.8 22.6 33.8

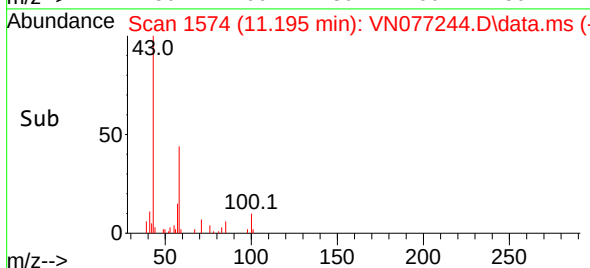
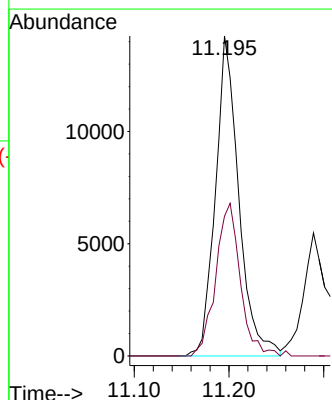
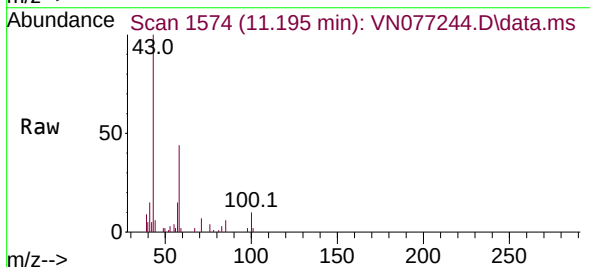
Manual Integrations
APPROVED

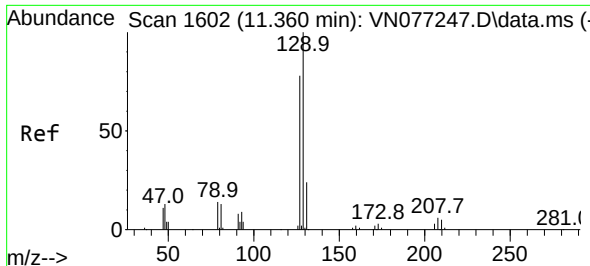
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#59
2-Hexanone
Concen: 4.105 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

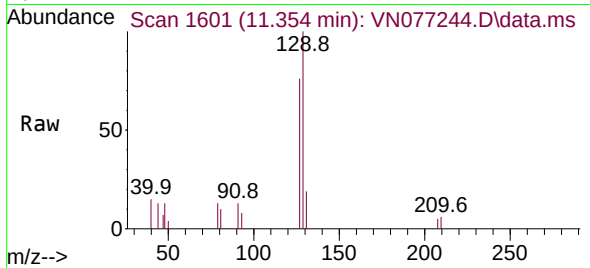
Tgt Ion: 43 Resp: 24398
Ion Ratio Lower Upper
43 100
58 50.6 29.3 88.0





#60
Dibromochloromethane
Concen: 1.005 ug/l
RT: 11.354 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

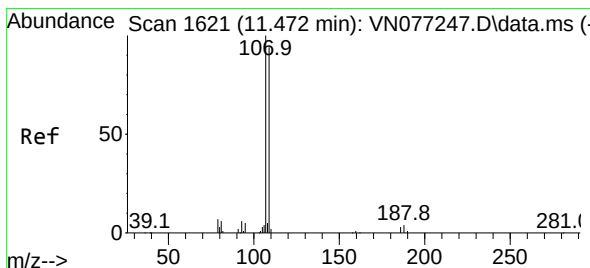
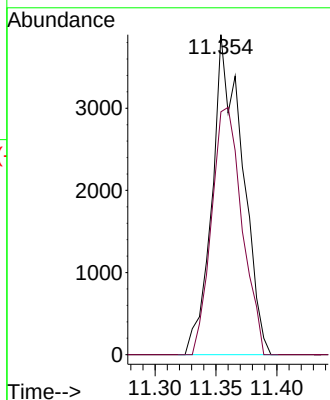
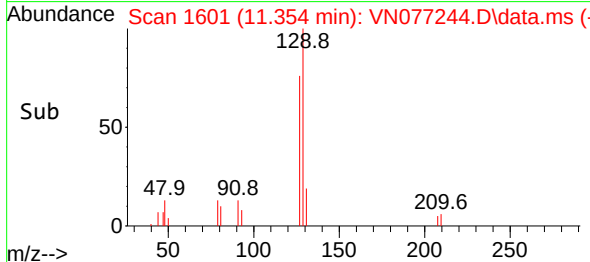
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



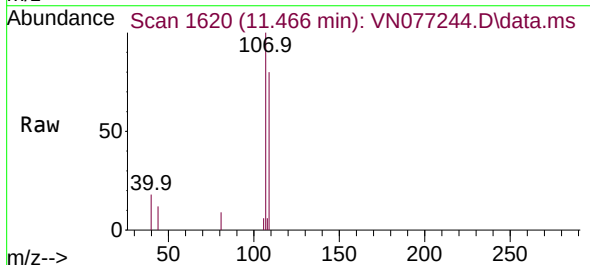
Tgt Ion:129 Resp: 6740
Ion Ratio Lower Upper
129 100
127 77.6 38.1 114.3

Manual Integrations
APPROVED

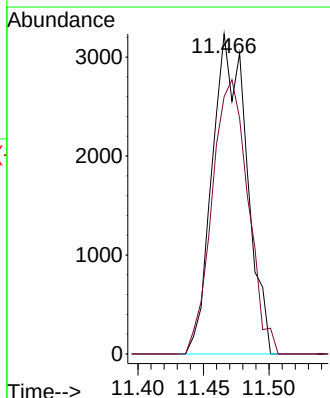
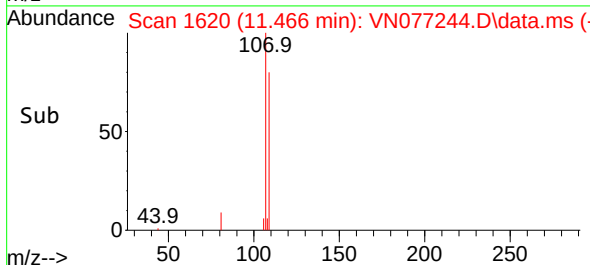
Reviewed By :John Carbone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

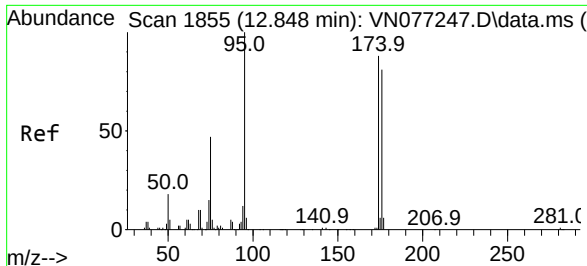


#61
1,2-Dibromoethane
Concen: 0.942 ug/l
RT: 11.466 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



Tgt Ion:107 Resp: 5908
Ion Ratio Lower Upper
107 100
109 89.5 75.7 113.5





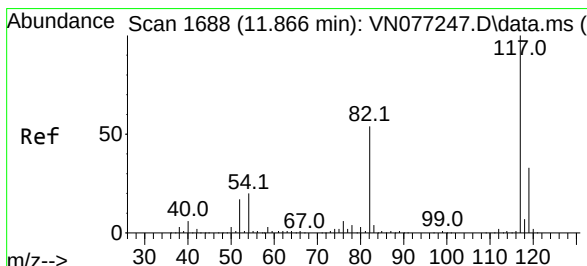
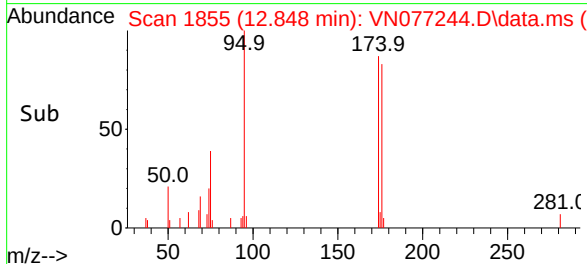
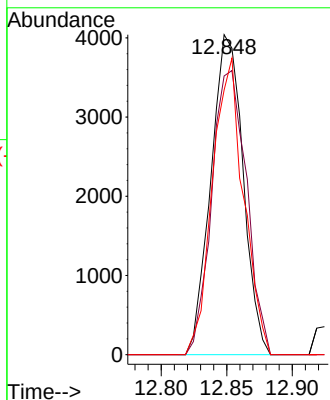
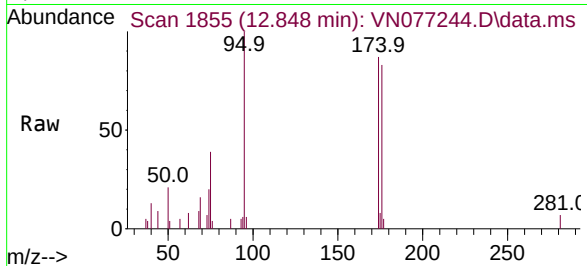
#62
4-Bromofluorobenzene
Concen: 1.029 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 95 Resp: 6898
Ion Ratio Lower Upper
95 100
174 95.7 0.0 179.2
176 89.8 0.0 171.6

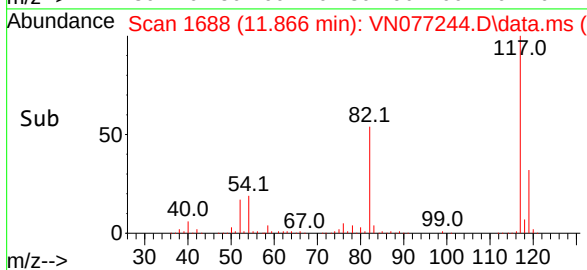
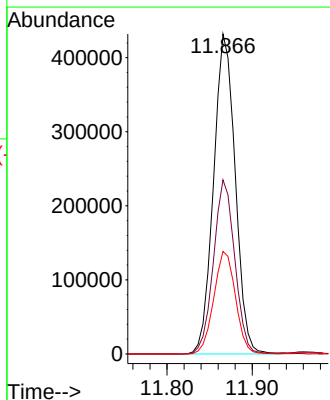
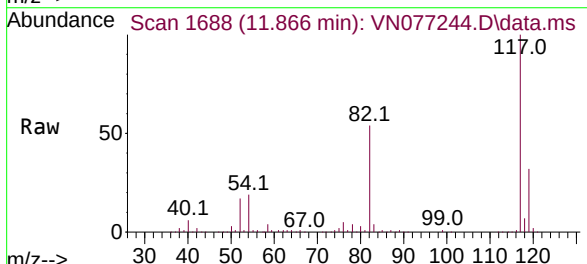
Manual Integrations
APPROVED

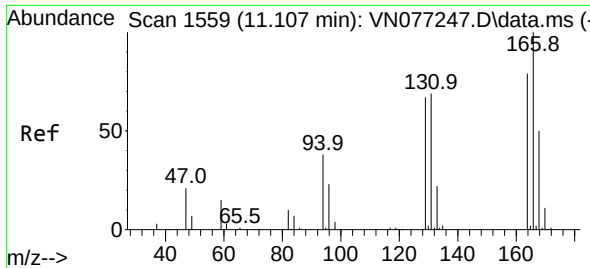
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

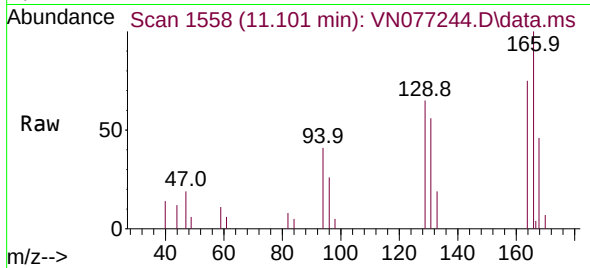
Tgt Ion:117 Resp: 764806
Ion Ratio Lower Upper
117 100
82 54.4 42.9 64.3
119 32.1 25.3 37.9





#64
Tetrachloroethene
Concen: 1.120 ug/l
RT: 11.101 min Scan# 1558
Delta R.T. -0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

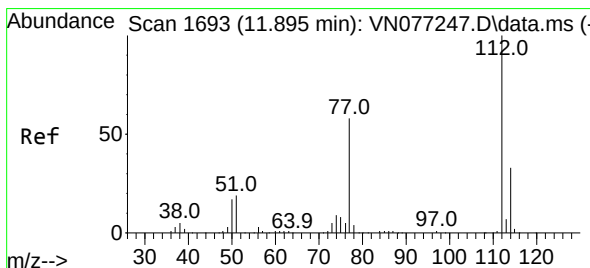
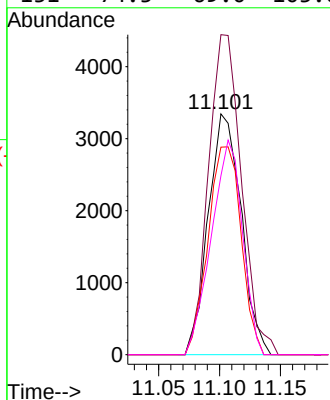
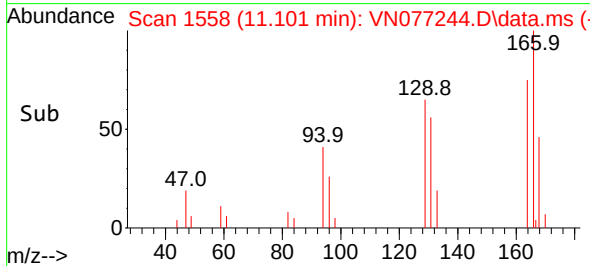
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



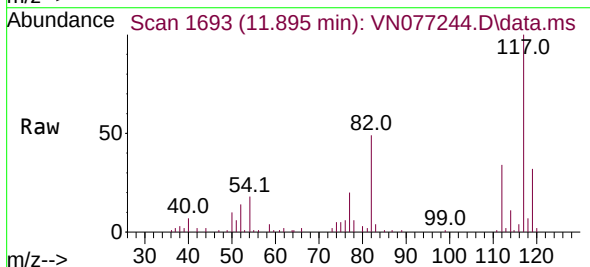
Tgt Ion:164 Resp: 627
Ion Ratio Lower Upper
164 100
166 132.8 106.0 159.0
129 86.2 72.4 108.6
131 74.3 69.0 103.6

Manual Integrations
APPROVED

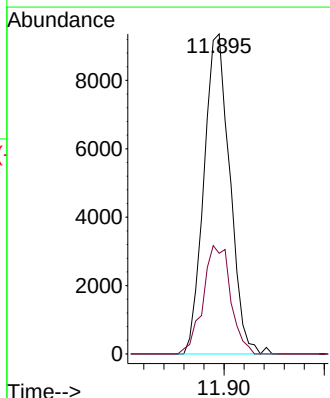
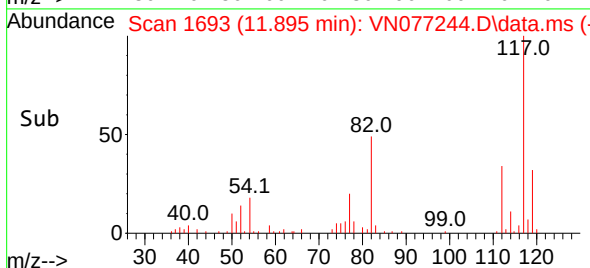
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

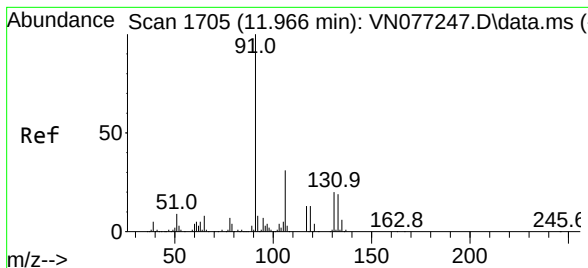


#65
Chlorobenzene
Concen: 1.039 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



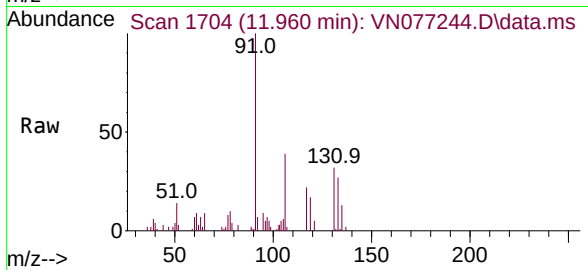
Tgt Ion:112 Resp: 16780
Ion Ratio Lower Upper
112 100
114 31.4 25.9 38.9





#66
1,1,1,2-Tetrachloroethane
Concen: 1.088 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

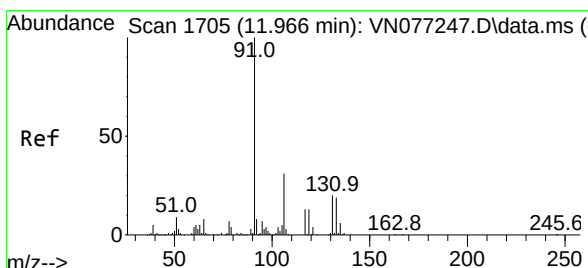
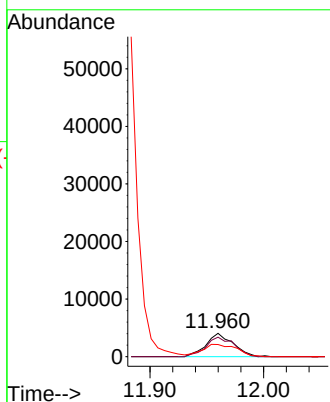
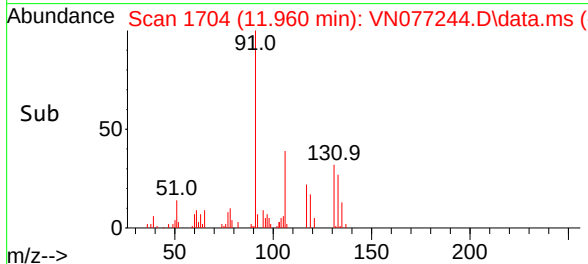
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 6734
Ion Ratio Lower Upper
131 100
133 87.0 46.5 139.5
119 0.0 32.0 96.2

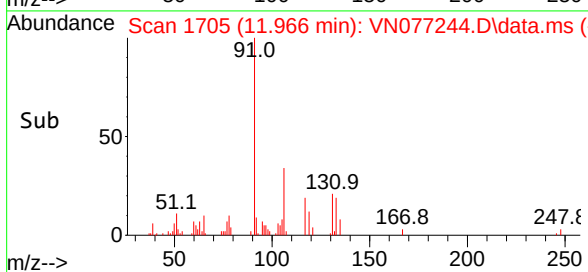
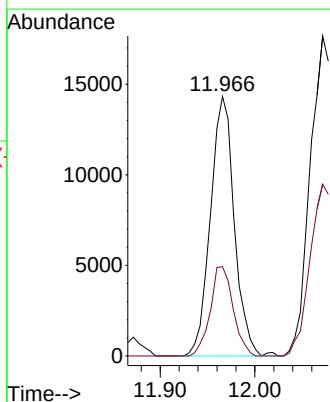
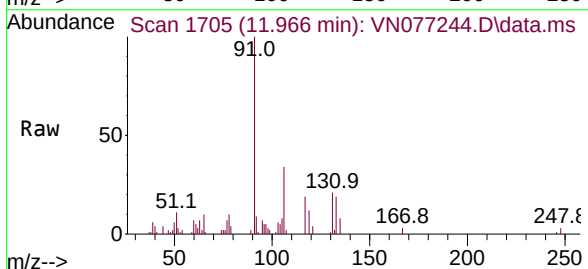
Manual Integrations
APPROVED

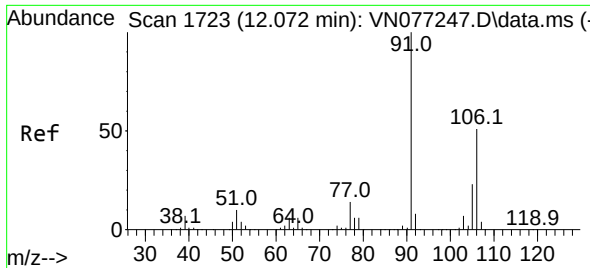
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#67
Ethyl Benzene
Concen: 0.920 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion: 91 Resp: 25055
Ion Ratio Lower Upper
91 100
106 34.4 24.3 36.5





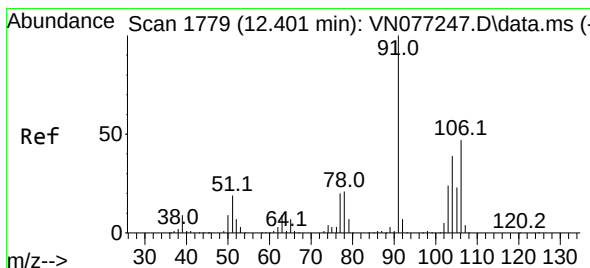
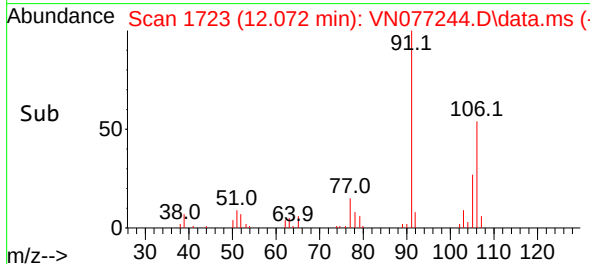
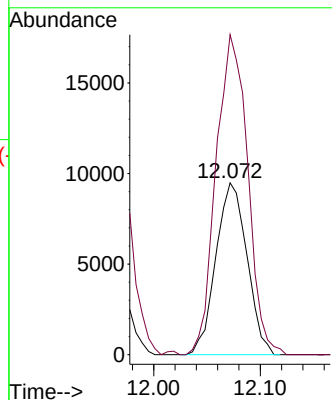
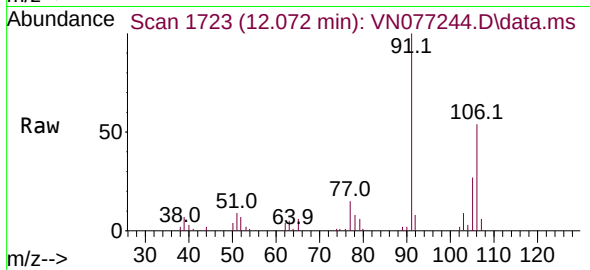
#68
m/p-Xylenes
Concen: 1.820 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 1926
Ion Ratio Lower Upper
106 100
91 189.2 158.6 238.0

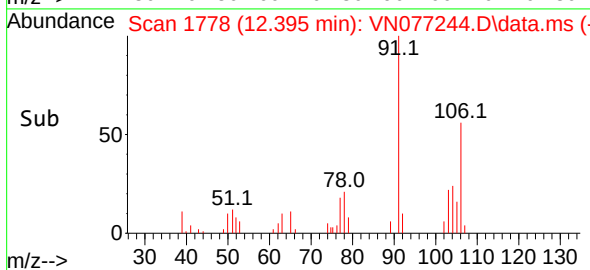
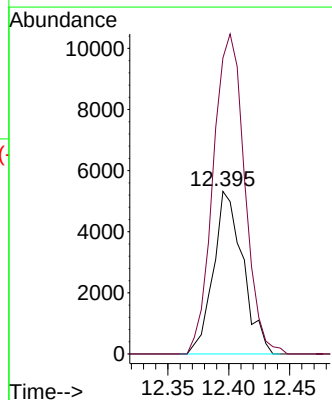
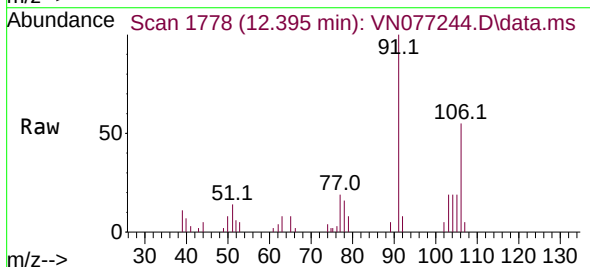
Manual Integrations
APPROVED

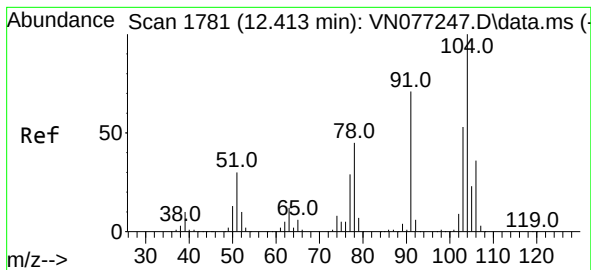
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#69
o-Xylene
Concen: 0.878 ug/l
RT: 12.395 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion:106 Resp: 8962
Ion Ratio Lower Upper
106 100
91 210.0 104.7 314.1





#70

Styrene

Concen: 0.802 ug/l

RT: 12.413 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

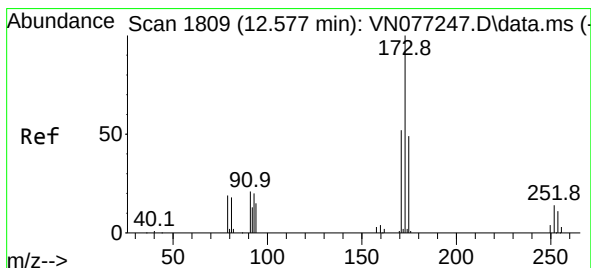
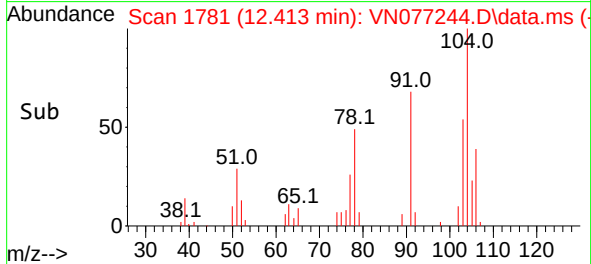
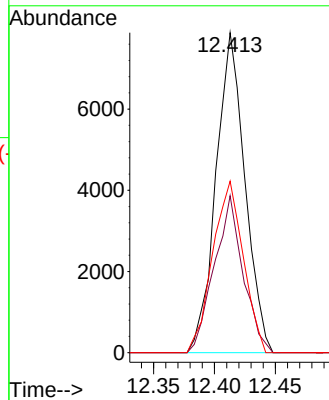
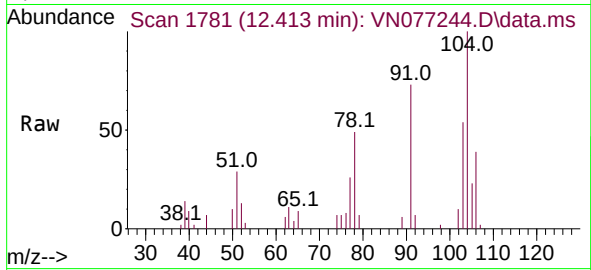
Tgt Ion:	104	Resp:	1303
Ion Ratio	Lower	Upper	
104	100		
78	48.8	38.7	58.1
103	56.8	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#71

Bromoform

Concen: 0.986 ug/l

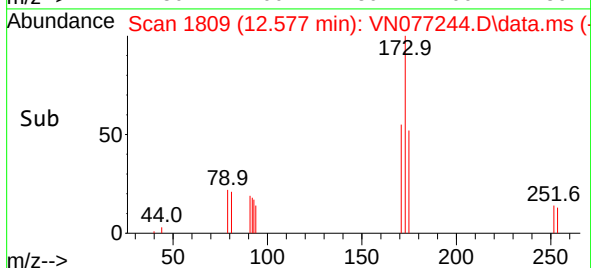
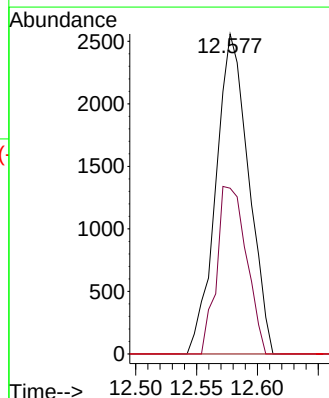
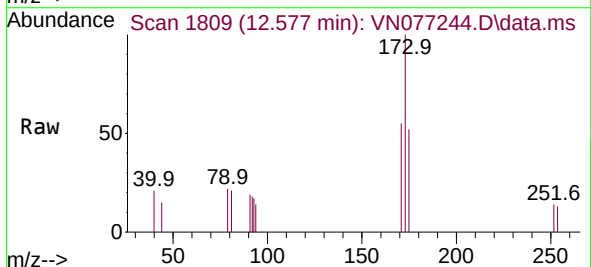
RT: 12.577 min Scan# 1809

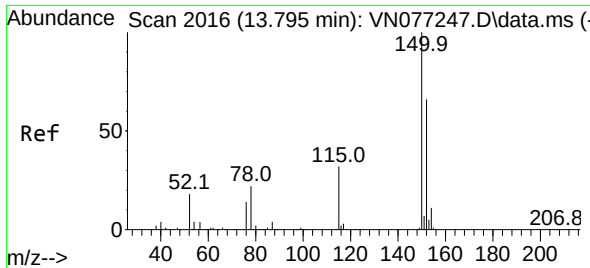
Delta R.T. 0.000 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

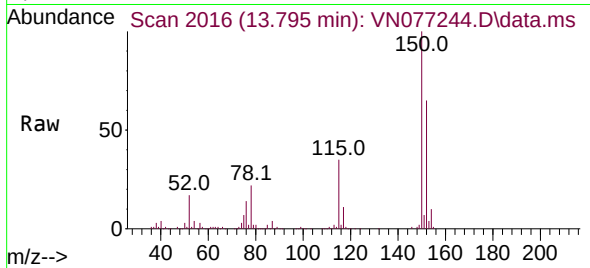
Tgt Ion:	173	Resp:	4790
Ion Ratio	Lower	Upper	
173	100		
175	47.3	24.6	73.8
254	0.0	0.1	0.1#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

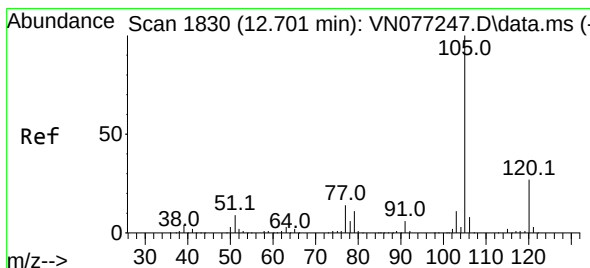
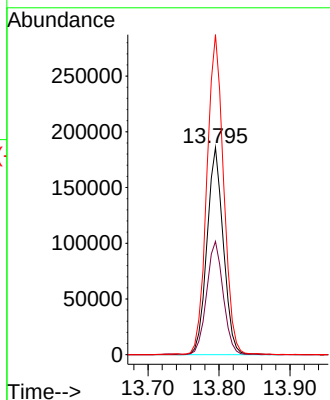
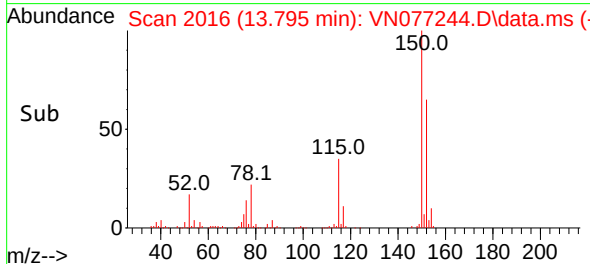
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



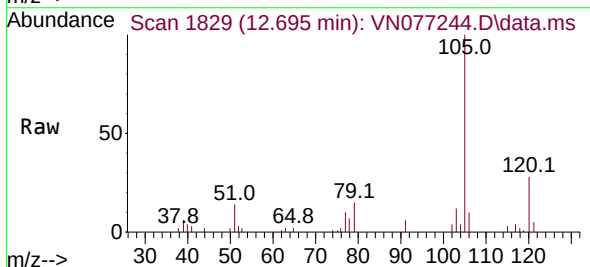
Tgt Ion:152 Resp: 29791
Ion Ratio Lower Upper
152 100
115 55.4 27.9 83.6
150 158.8 0.0 346.4

Manual Integrations
APPROVED

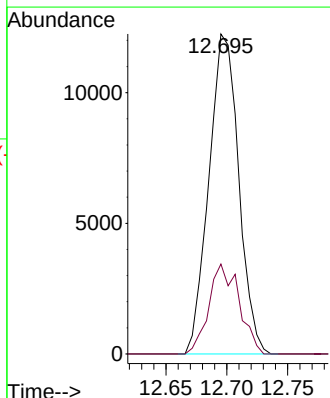
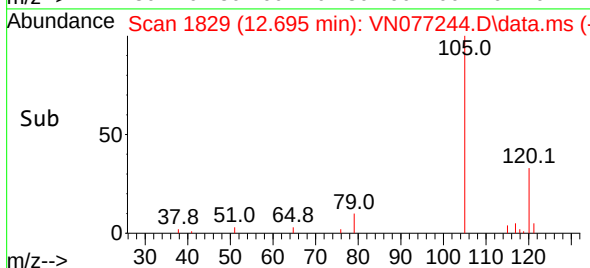
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

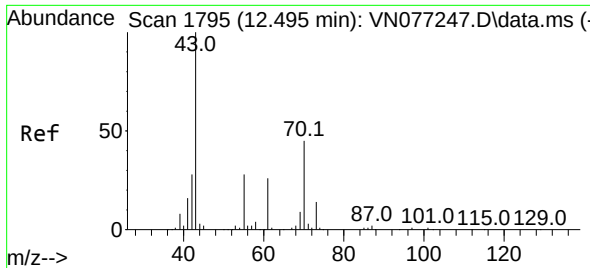


#73
Isopropylbenzene
Concen: 0.938 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



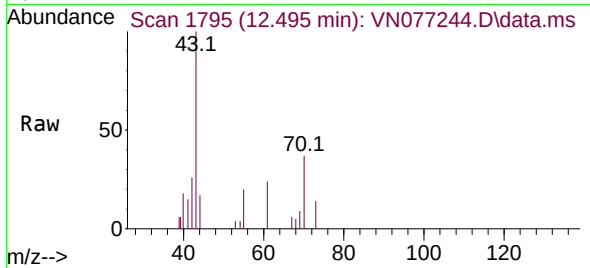
Tgt Ion:105 Resp: 20848
Ion Ratio Lower Upper
105 100
120 28.6 13.7 41.1





#74
N-ethyl acetate
Concen: 0.959 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

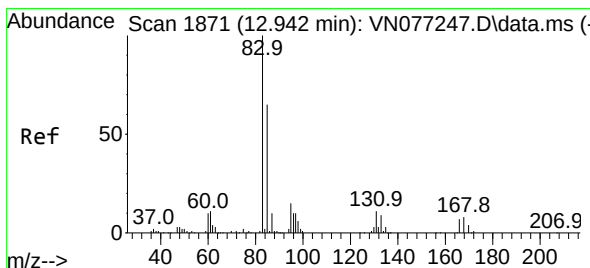
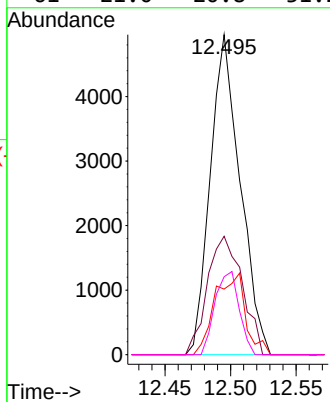
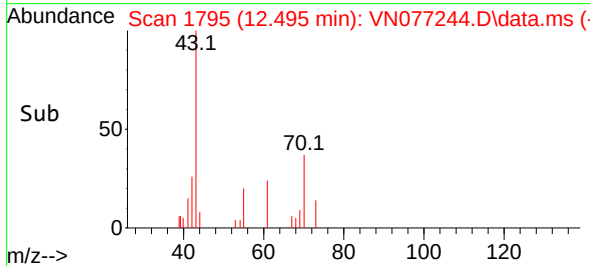
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 43 Resp: 7858
Ion Ratio Lower Upper
43 100
70 43.2 37.5 56.3
55 26.0 21.4 32.0
61 21.0 20.8 31.2

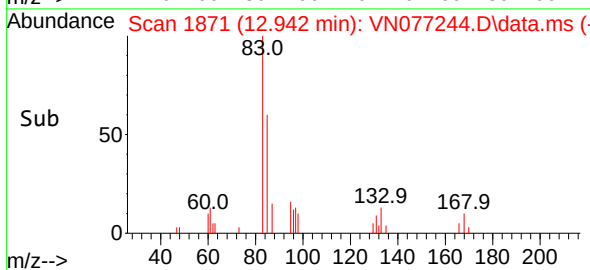
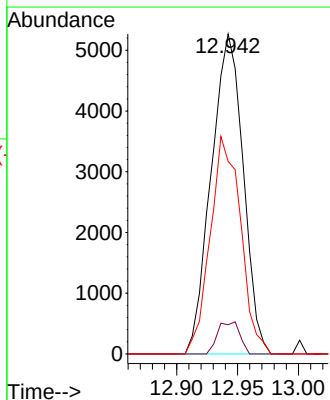
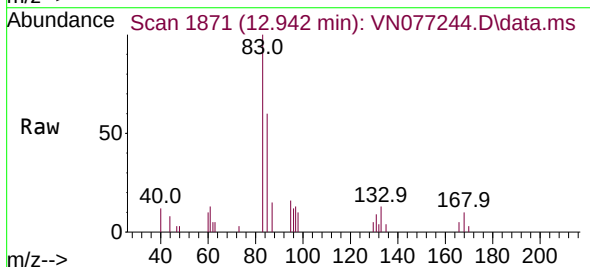
Manual Integrations
APPROVED

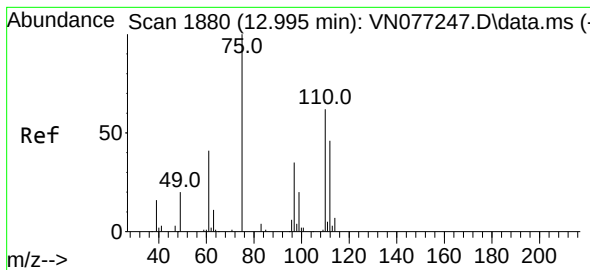
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#75
1,1,2,2-Tetrachloroethane
Concen: 1.245 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion: 83 Resp: 9622
Ion Ratio Lower Upper
83 100
131 7.0 5.1 15.3
85 64.7 32.3 96.9





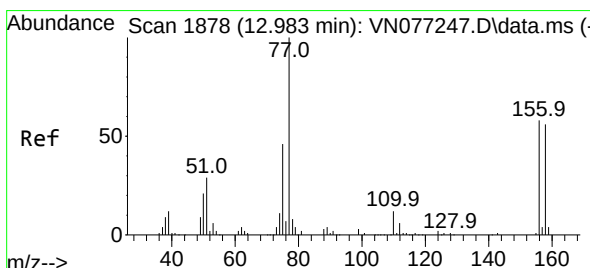
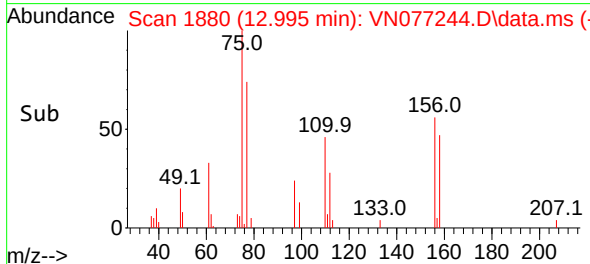
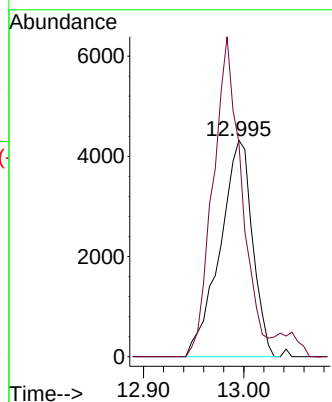
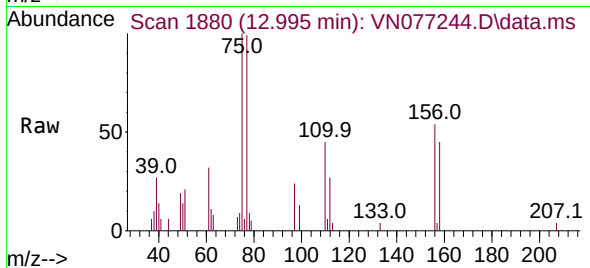
#76
1,2,3-Trichloropropane
Concen: 1.459 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 971
Ion Ratio Lower Upper
75 100
77 130.3 93.7 280.9

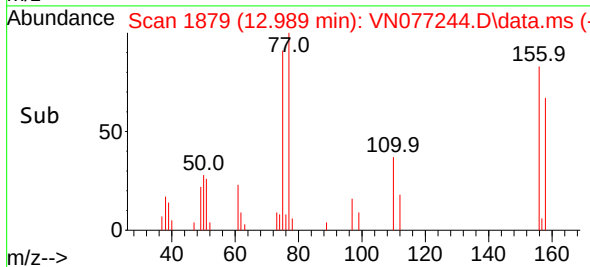
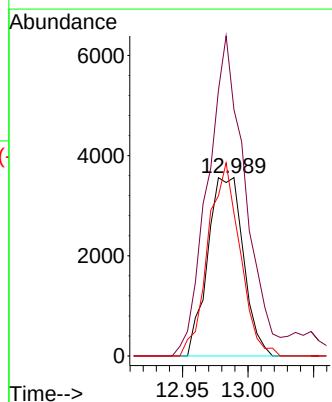
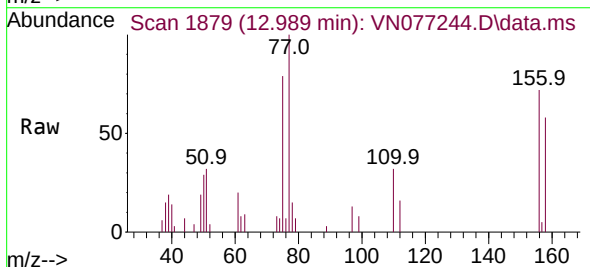
Manual Integrations
APPROVED

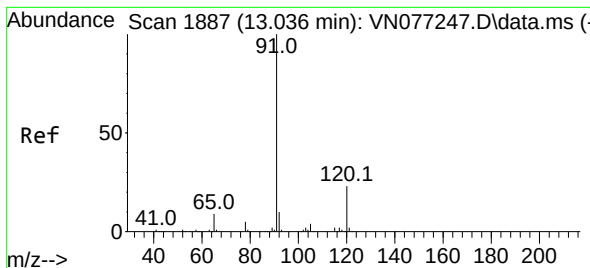
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#77
Bromobenzene
Concen: 1.132 ug/l
RT: 12.989 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion:156 Resp: 6736
Ion Ratio Lower Upper
156 100
77 187.9 97.0 291.2
158 96.9 49.1 147.3





#78

n-propylbenzene

Concen: 0.850 ug/l

RT: 13.042 min Scan# 1887

Delta R.T. 0.006 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 91 Resp: 2083

Ion Ratio Lower Upper

91 100

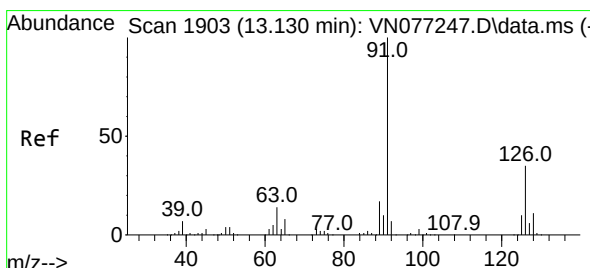
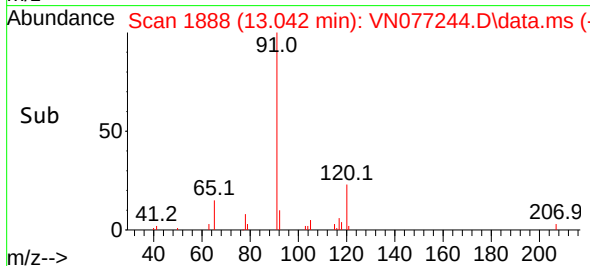
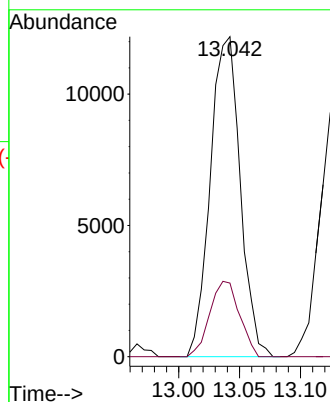
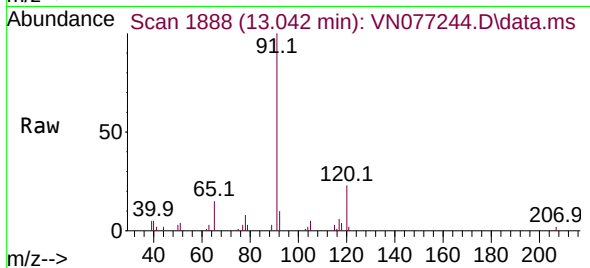
120 23.4 11.7 35.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#79

2-Chlorotoluene

Concen: 1.026 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VN077244.D

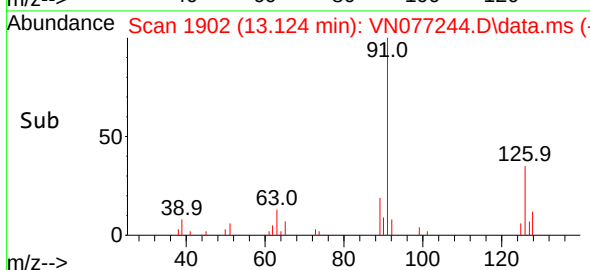
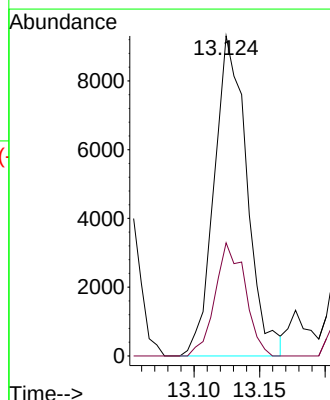
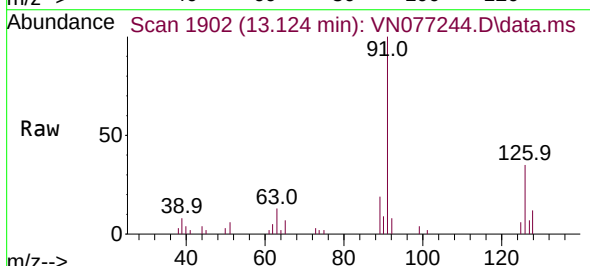
Acq: 31 Mar 2023 09:44

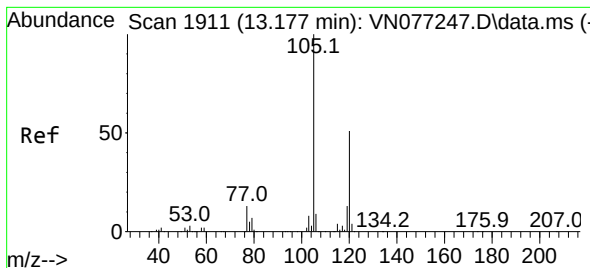
Tgt Ion: 91 Resp: 16162

Ion Ratio Lower Upper

91 100

126 32.5 17.3 51.9





#80

1,3,5-Trimethylbenzene

Concen: 0.816 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:105 Resp: 14578

Ion Ratio Lower Upper

105 100

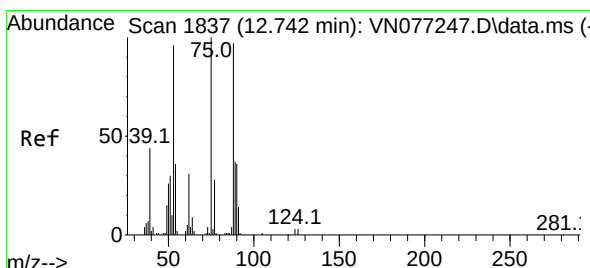
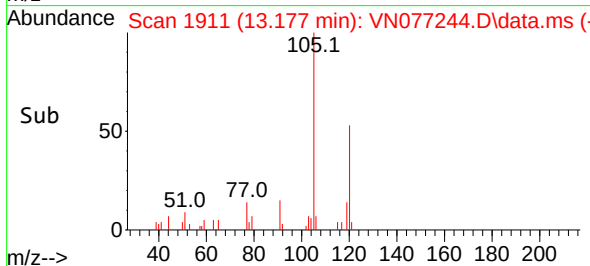
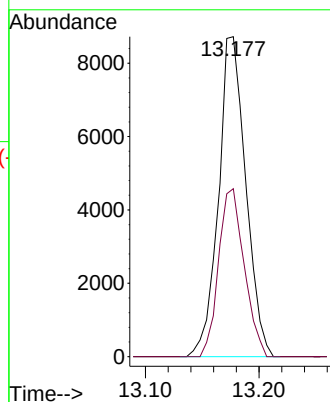
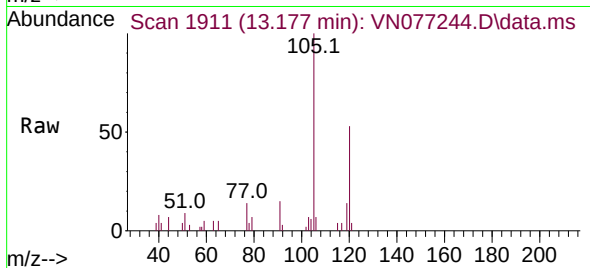
120 49.2 25.6 76.8

Manual Integrations

APPROVED

Reviewed By :John Carbone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#81

trans-1,4-Dichloro-2-butene

Concen: 0.958 ug/l

RT: 12.742 min Scan# 1837

Delta R.T. 0.006 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

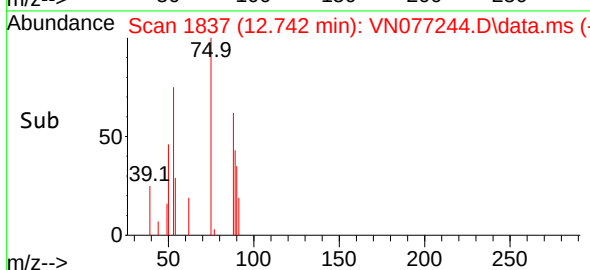
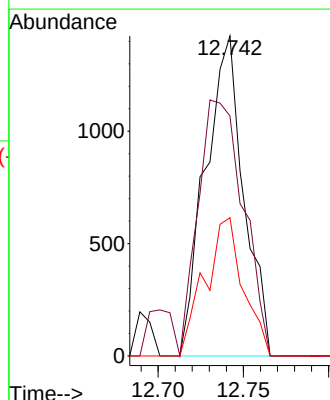
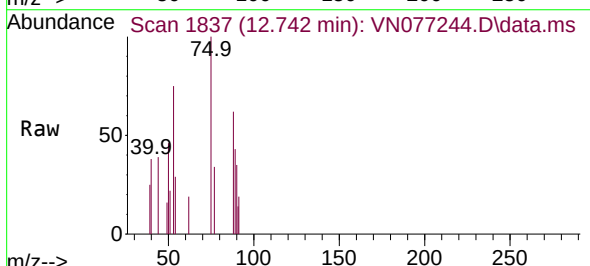
Tgt Ion: 75 Resp: 2231

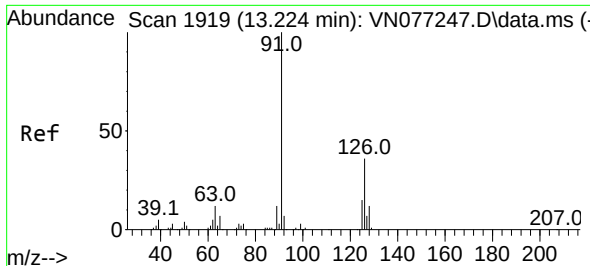
Ion Ratio Lower Upper

75 100

53 94.5 74.1 111.1

89 43.1 36.3 54.5





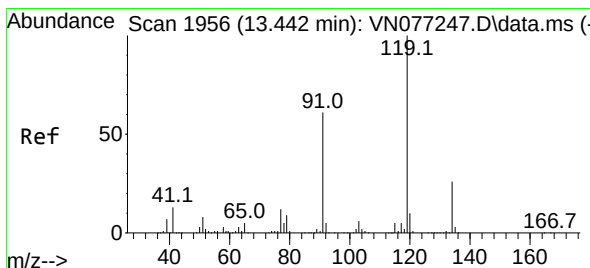
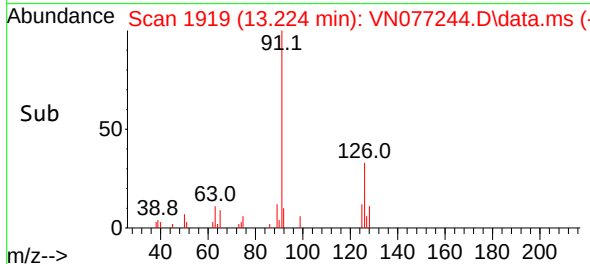
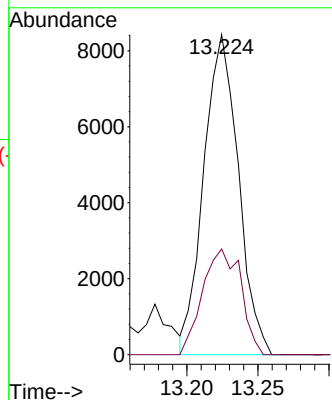
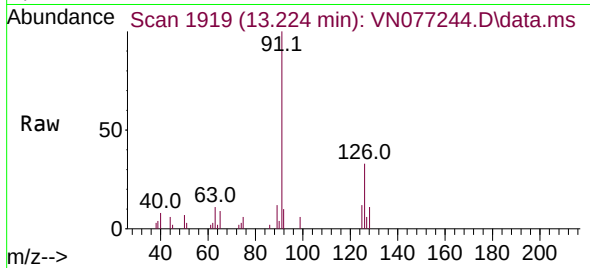
#82
4-Chlorotoluene
Concen: 0.963 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 91 Resp: 1425
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.8

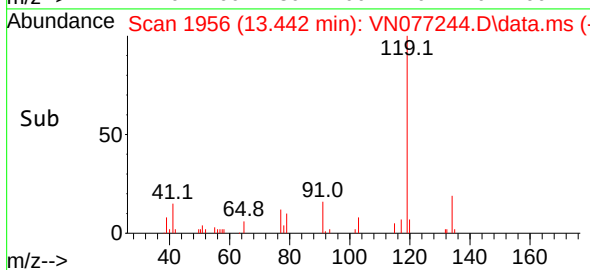
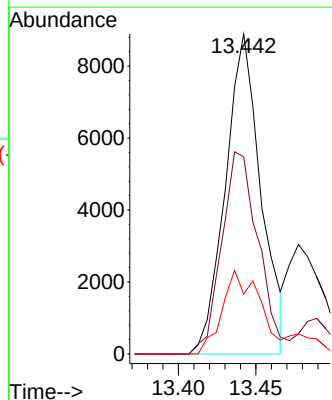
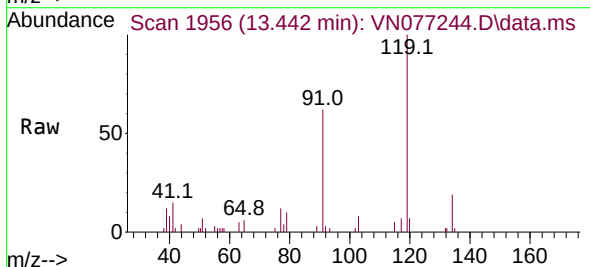
Manual Integrations
APPROVED

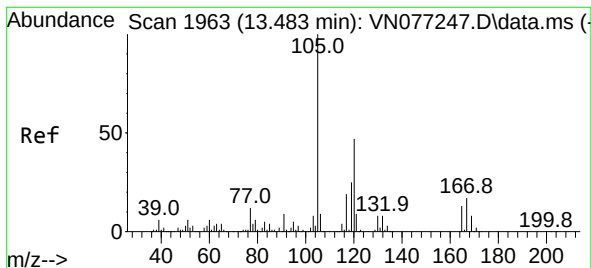
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#83
tert-Butylbenzene
Concen: 0.871 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion:119 Resp: 14168
Ion Ratio Lower Upper
119 100
91 65.6 31.4 94.0
134 27.5 13.7 41.0





#84

1,2,4-Trimethylbenzene

Concen: 0.810 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:105 Resp: 14118

Ion Ratio Lower Upper

105 100

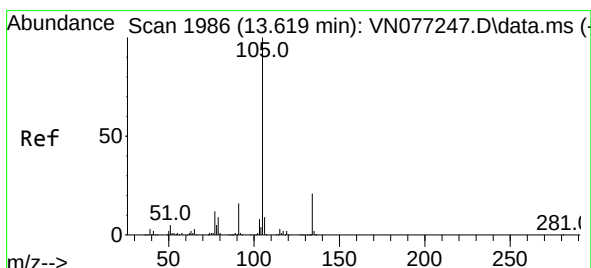
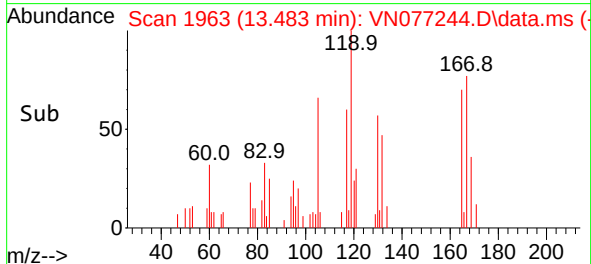
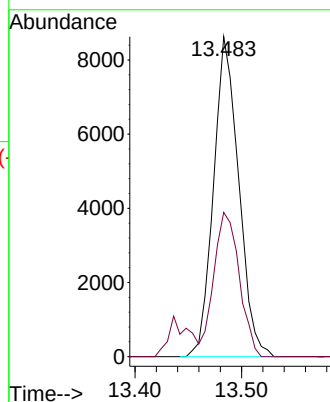
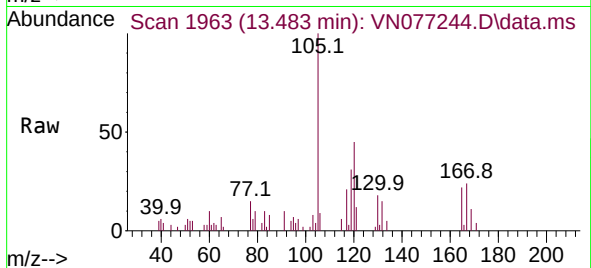
120 45.7 23.4 70.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#85

sec-Butylbenzene

Concen: 0.821 ug/l

RT: 13.619 min Scan# 1986

Delta R.T. 0.001 min

Lab File: VN077244.D

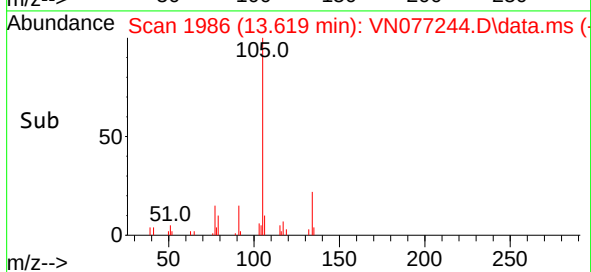
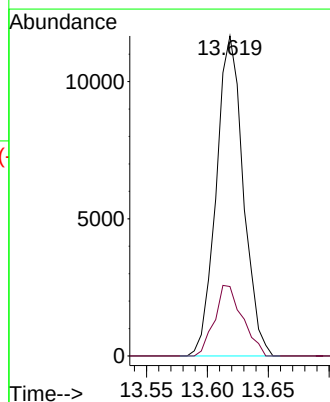
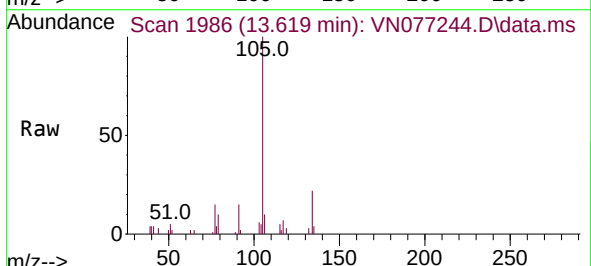
Acq: 31 Mar 2023 09:44

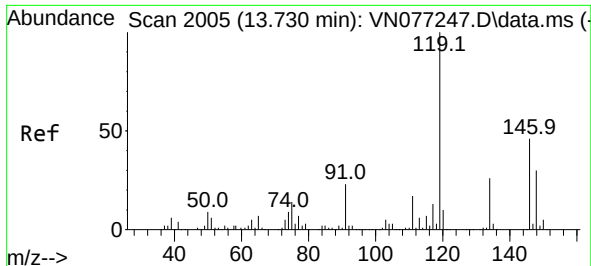
Tgt Ion:105 Resp: 18042

Ion Ratio Lower Upper

105 100

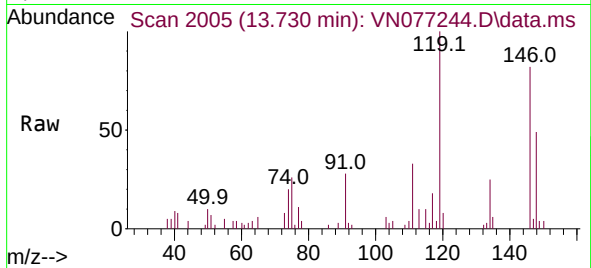
134 22.8 10.4 31.2





#86
p-Isopropyltoluene
Concen: 0.745 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

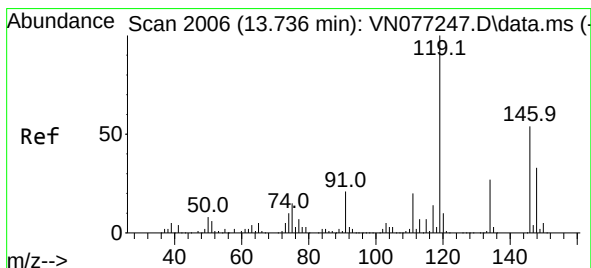
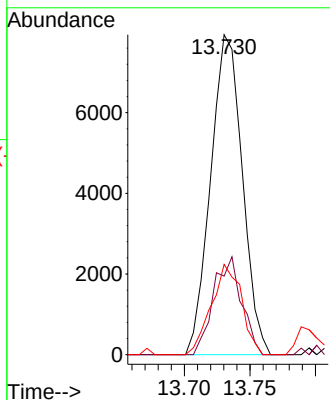
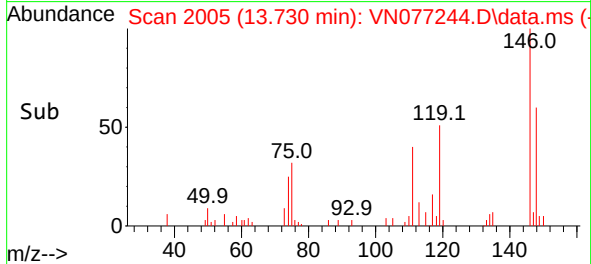
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



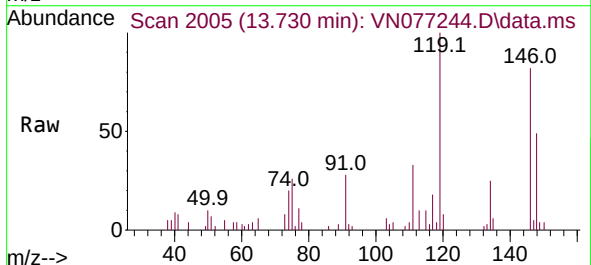
Tgt Ion:119 Resp: 1334
Ion Ratio Lower Upper
119 100
134 27.2 13.5 40.4
91 26.9 10.9 32.6

Manual Integrations
APPROVED

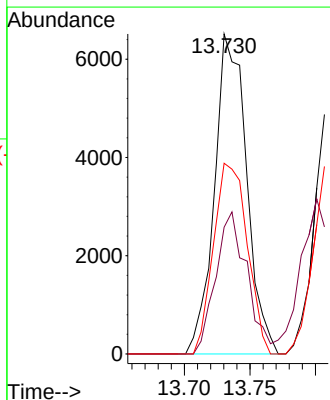
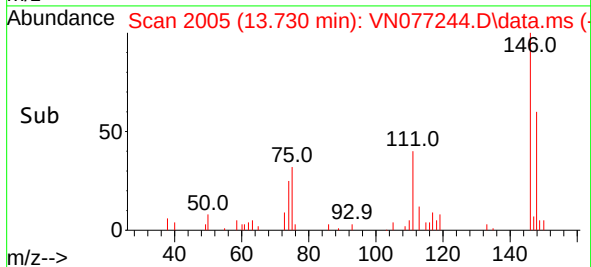
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

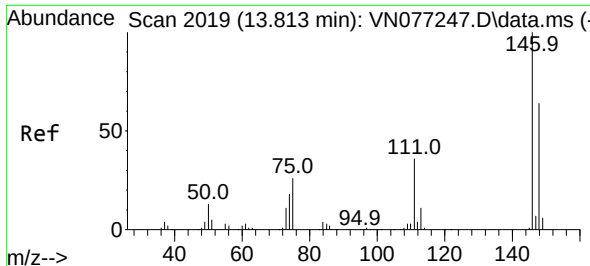


#87
1,3-Dichlorobenzene
Concen: 1.061 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. -0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



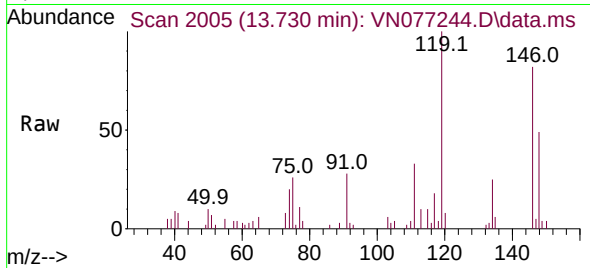
Tgt Ion:146 Resp: 11070
Ion Ratio Lower Upper
146 100
111 43.4 19.1 57.1
148 62.7 31.9 95.9





#88
1,4-Dichlorobenzene
Concen: 1.075 ug/l
RT: 13.730 min Scan# 2019
Delta R.T. -0.082 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

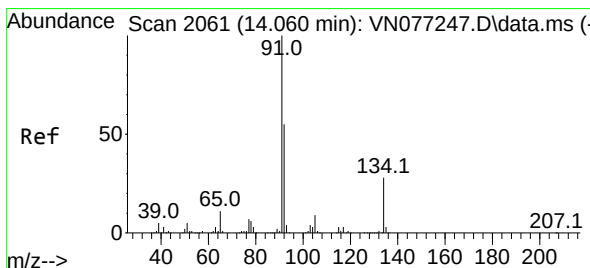
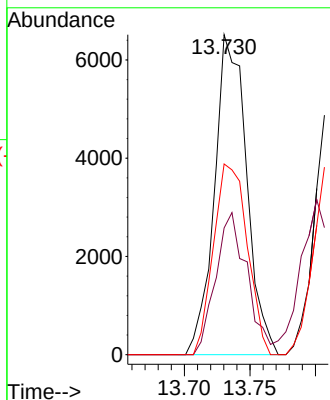
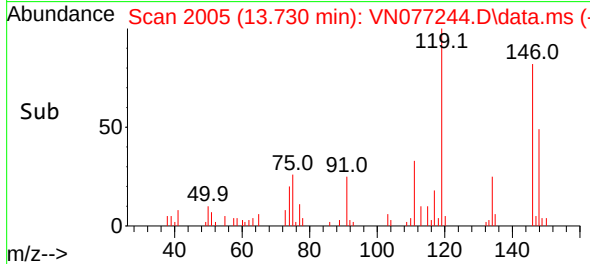
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



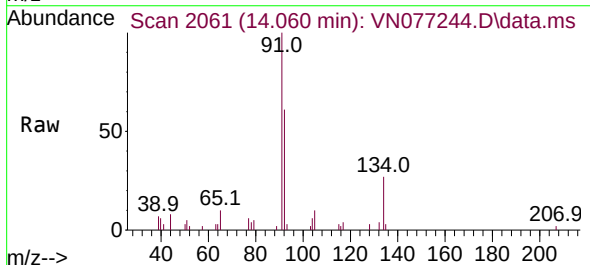
Tgt Ion:146 Resp: 11070
Ion Ratio Lower Upper
146 100
111 43.4 18.6 56.0
148 62.7 31.9 95.5

Manual Integrations
APPROVED

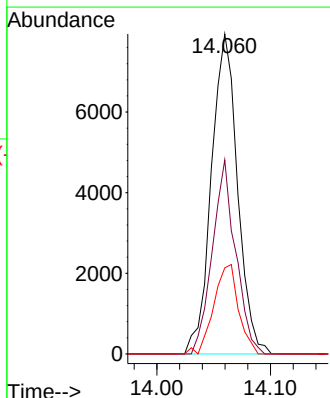
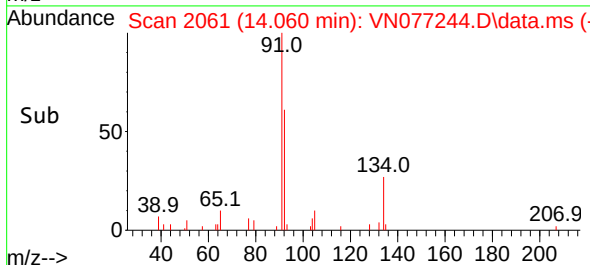
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023

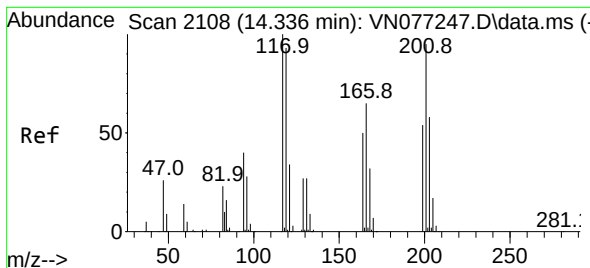


#89
n-Butylbenzene
Concen: 0.885 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44



Tgt Ion: 91 Resp: 12706
Ion Ratio Lower Upper
91 100
92 54.0 27.0 80.8
134 26.4 13.6 40.7





#90

Hexachloroethane

Concen: 1.189 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion:117 Resp: 443

Ion Ratio Lower Upper

117 100

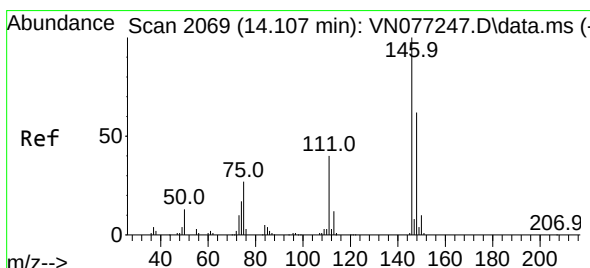
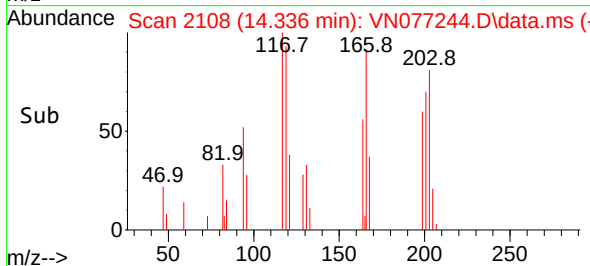
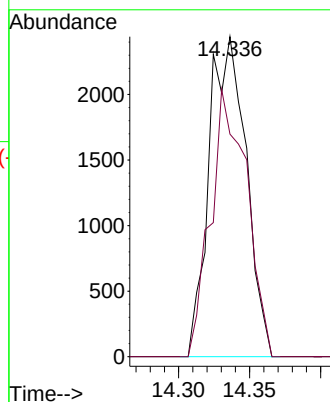
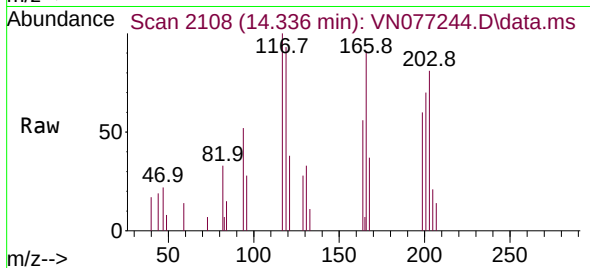
201 81.4 45.1 135.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#91

1,2-Dichlorobenzene

Concen: 1.054 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

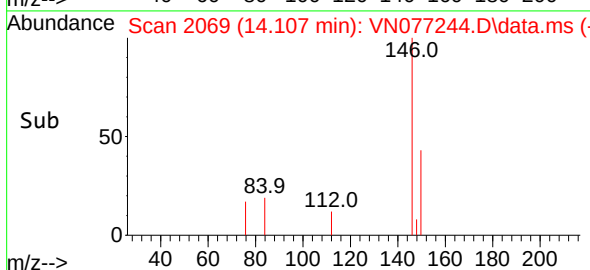
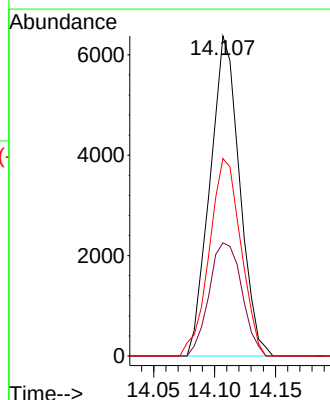
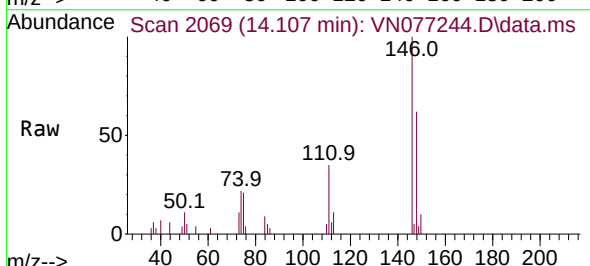
Tgt Ion:146 Resp: 10804

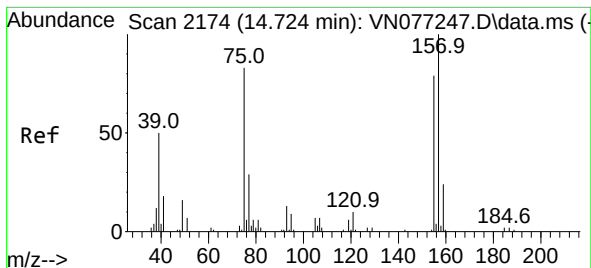
Ion Ratio Lower Upper

146 100

111 39.0 19.6 58.7

148 65.6 31.8 95.4





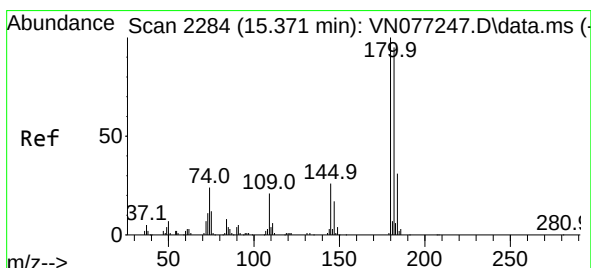
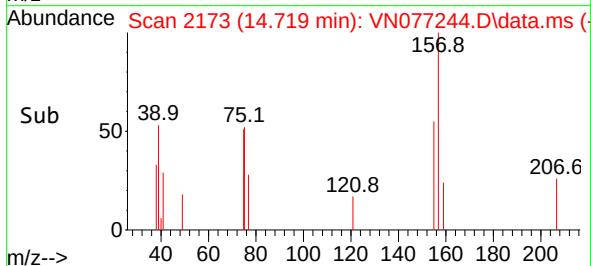
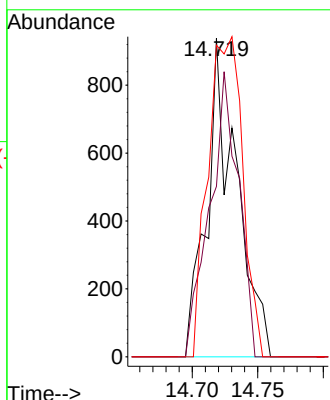
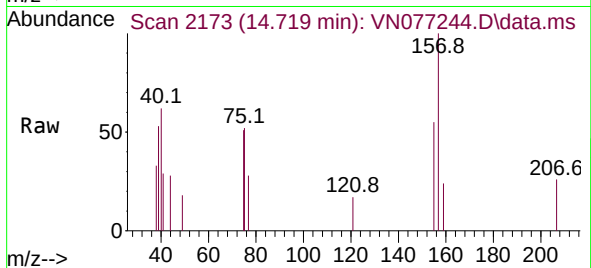
#92
1,2-Dibromo-3-Chloropropane
Concen: 1.136 ug/l
RT: 14.719 min Scan# 2173
Delta R.T. -0.005 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 1460
Ion Ratio Lower Upper
75 100
155 87.4 48.1 144.3
157 118.5 62.2 186.5

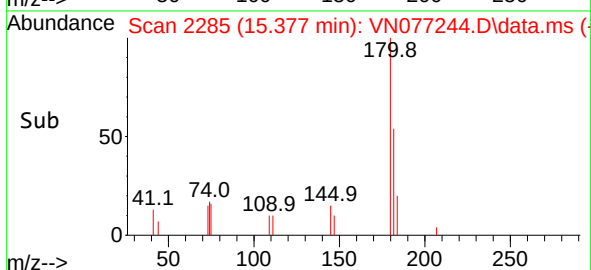
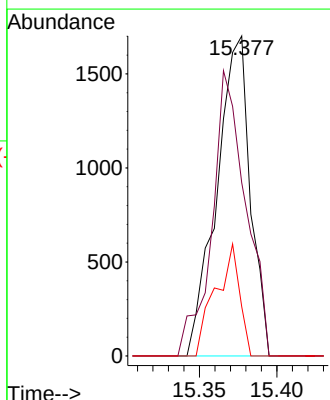
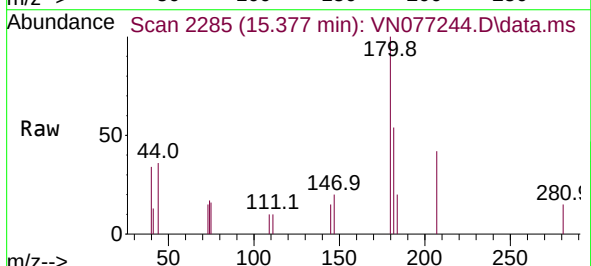
Manual Integrations
APPROVED

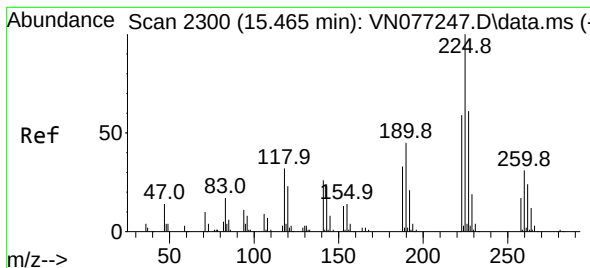
Reviewed By :John Carlone 04/03/2023
Supervised By :Mahesh Dadoda 04/03/2023



#93
1,2,4-Trichlorobenzene
Concen: 3.376 ug/l
RT: 15.377 min Scan# 2285
Delta R.T. 0.006 min
Lab File: VN077244.D
Acq: 31 Mar 2023 09:44

Tgt Ion:180 Resp: 2566
Ion Ratio Lower Upper
180 100
182 89.2 47.9 143.8
145 25.1 13.9 41.6





#94

Hexachlorobutadiene

Concen: 1.114 ug/l

RT: 15.471 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

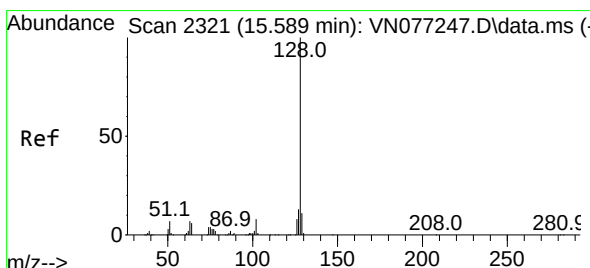
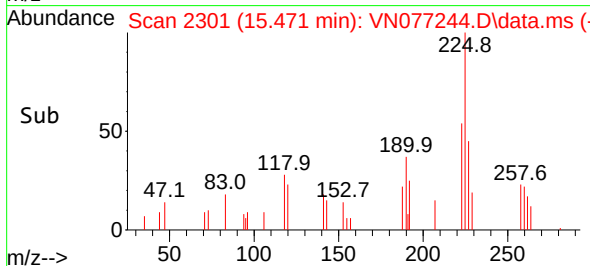
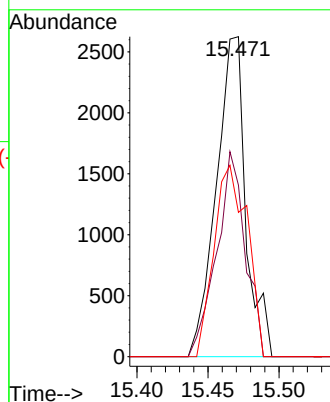
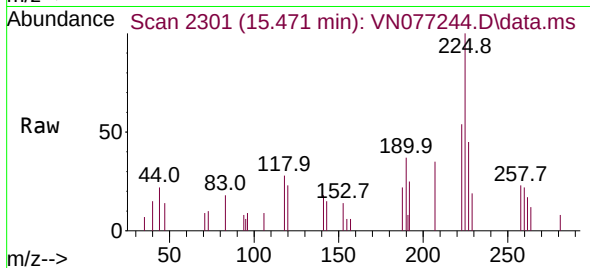
Tgt Ion:	225	Resp:	380
Ion Ratio	Lower	Upper	
225	100		
223	61.9	31.1	93.2
227	67.2	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/03/2023

Supervised By :Mahesh Dadoda 04/03/2023



#95

Naphthalene

Concen: 3.646 ug/l

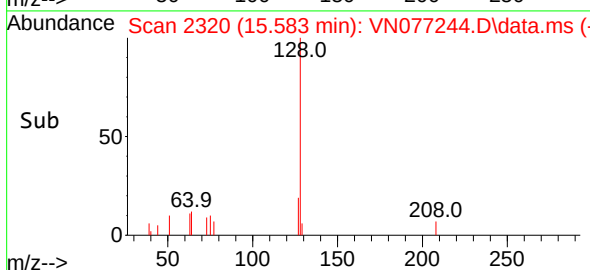
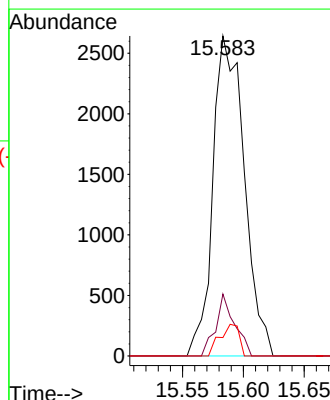
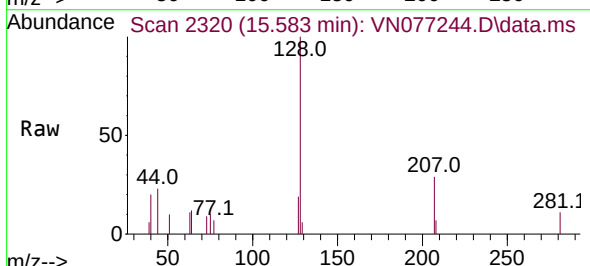
RT: 15.583 min Scan# 2320

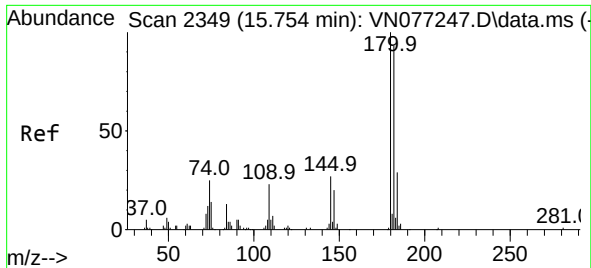
Delta R.T. -0.006 min

Lab File: VN077244.D

Acq: 31 Mar 2023 09:44

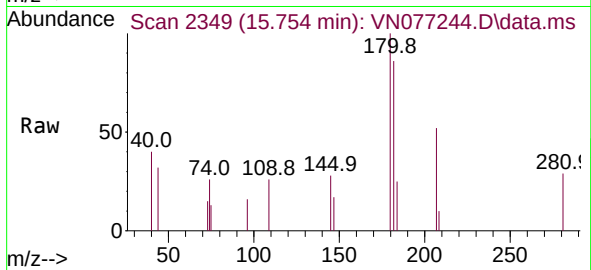
Tgt Ion:	128	Resp:	4732
Ion Ratio	Lower	Upper	
128	100		
127	11.7	10.2	15.2
129	6.1	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 3.165 ug/l
 RT: 15.754 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077244.D
 Acq: 31 Mar 2023 09:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion:180 Resp: 2440
 Ion Ratio Lower Upper
 180 100
 182 93.3 47.9 143.8
 145 29.4 14.8 44.3

Manual Integrations
 APPROVED

Reviewed By :John Carlone 04/03/2023
 Supervised By :Mahesh Dadoda 04/03/2023

