

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077599.D
 Acq On : 05 May 2023 18:54
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 05 22:10:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2023
 Supervised By : Mahesh Dadoda 05/08/2023

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

Internal Standards						
1) Bromochloromethane	7.819	128	114303	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	655818	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	580767	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.584	65	281914	27.665	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	92.233%		
60) 4-Bromofluorobenzene	12.854	95	260572	25.609	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	85.367%		
63) Toluene-d8	10.572	98	844240	41.253	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	137.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	41022	2.883	ug/l	97
3) Chloromethane	2.372	50	34377	3.270	ug/l	97
4) Vinyl Chloride	2.525	62	40416	2.764	ug/l	95
5) Bromomethane	2.954	94	33201	2.690	ug/l	95
7) Trichlorofluoromethane	3.513	101	65010	3.015	ug/l	88
8) Diethyl Ether	3.978	74	22347	2.962	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.384	101	34672	2.845	ug/l	75
10) 1,1-Dichloroethene	4.354	96	32511	2.781	ug/l	95
11) Methyl Iodide	4.590	142	37987	2.649	ug/l	93
12) Methyl Acetate	5.037	43	53653	3.182	ug/l #	84
13) Acrolein	4.190	56	33233	16.439	ug/l	96
14) Acrylonitrile	5.737	53	84505	16.336	ug/l #	82
15) Acetone	4.437	58	12892	7.806	ug/l #	71
17) Allyl chloride	5.025	41	17321	1.351	ug/l	97
18) Methylene Chloride	5.290	84	24453	1.773	ug/l	98
19) trans-1,2-Dichloroethene	5.795	96	23579	1.825	ug/l #	81
20) Diisopropyl ether	6.678	45	92989	3.116	ug/l #	93
21) 1,1-Dichloroethane	6.584	63	66944	3.070	ug/l	95
22) cis-1,2-Dichloroethene	7.495	96	42630	2.755	ug/l	98
23) tert-Butyl Alcohol	5.531	59	31872	14.282	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	69358	1.710	ug/l	97
25) Chloroform	7.972	83	74082	2.956	ug/l	95
26) Cyclohexane	8.266	56	51666	2.904	ug/l #	94
29) 1,1-Dichloropropene	8.372	75	48360	3.498	ug/l	95
30) 2-Butanone	7.495	43	98888	19.511	ug/l	92
31) 2,2-Dichloropropane	7.495	77	55611	3.438	ug/l	98
32) 1,1,1-Trichloroethane	8.178	97	65996	3.699	ug/l	97
33) Carbon Tetrachloride	8.372	117	53783	3.473	ug/l	96
34) Benzene	8.613	78	154503	3.634	ug/l #	91
35) Methacrylonitrile	7.784	41	21813	4.215	ug/l	91
36) 1,2-Dichloroethane	8.672	62	56945	3.922	ug/l	99
37) Trichloroethene	9.354	130	38278	3.562	ug/l	97
38) Methylcyclohexane	9.601	83	60597	3.337	ug/l	93
39) 1,2-Dichloropropane	9.625	63	36797	3.737	ug/l	95
40) Dibromomethane	9.719	93	27988	3.604	ug/l	97
41) Bromodichloromethane	9.889	83	52940	3.452	ug/l	99
42) Vinyl Acetate	6.613	43	286897	17.974	ug/l #	78
44) Isopropyl Acetate	8.695	43	69169	3.980	ug/l	93
45) 1,4-Dioxane	9.701	88	14608	69.315	ug/l	98

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Manual Integrations
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Reviewed By : John Carlone 05/08/2023
 Supervised By : Mahesh Dadoda 05/08/2023

Quant Time: May 05 22:10:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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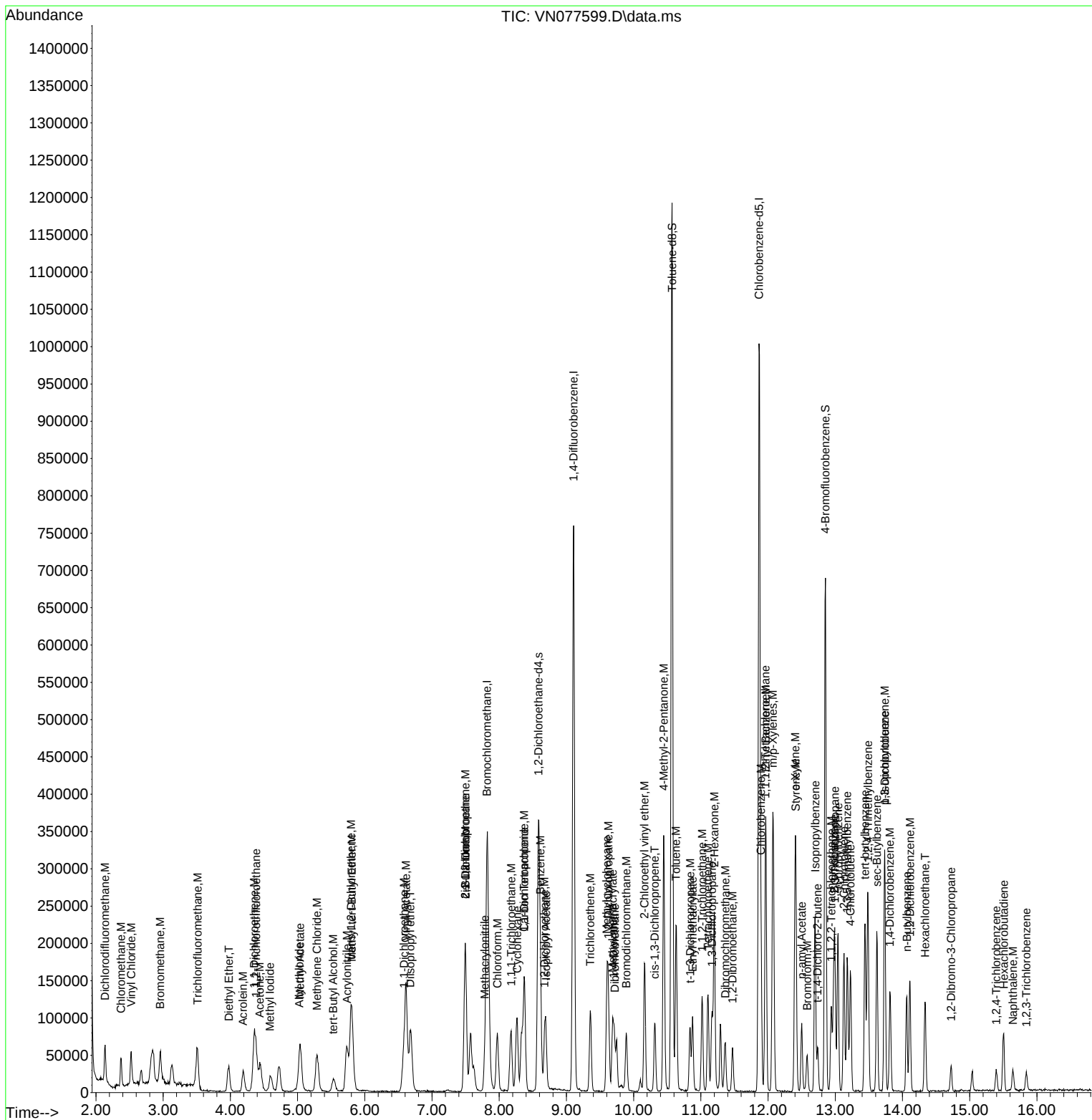
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Methyl methacrylate	9.689	41	31137	3.937	ug/l	82
47) n-amyl Acetate	12.501	43	44836	3.219	ug/l	95
48) t-1,3-Dichloropropene	10.842	75	49891	3.195	ug/l	94
49) cis-1,3-Dichloropropene	10.313	75	56493	3.352	ug/l #	86
50) 1,1,2-Trichloroethane	11.019	97	40059	3.634	ug/l	97
51) Ethyl methacrylate	10.877	69	54744	3.587	ug/l	84
52) 1,3-Dichloropropane	11.166	76	65652	3.670	ug/l	100
53) Dibromochloromethane	11.366	129	36037	3.175	ug/l	97
54) 1,2-Dibromoethane	11.472	107	38529	3.415	ug/l	97
55) 2-Chloroethyl vinyl ether	10.160	63	82220	16.418	ug/l	99
56) Bromoform	12.583	173	21013	2.968	ug/l #	98
58) 4-Methyl-2-Pentanone	10.448	43	209861	25.091	ug/l	95
59) 2-Hexanone	11.201	43	149507	24.262	ug/l	91
61) Tetrachloroethene	11.107	164	26624	3.925	ug/l	96
62) Toluene	10.630	91	174736	4.474	ug/l	98
64) Chlorobenzene	11.895	112	98600	4.132	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.960	131	35183	4.126	ug/l	97
66) Ethyl Benzene	11.966	91	176827	4.146	ug/l	94
67) m/p-Xylenes	12.072	106	133805	8.057	ug/l	98
68) o-Xylene	12.407	106	66847	4.052	ug/l	99
69) Styrene	12.413	104	100812	3.930	ug/l	96
70) Isopropylbenzene	12.701	105	165822	3.960	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.942	83	56019	4.392	ug/l	99
72) 1,2,3-Trichloropropane	12.995	75	62293	5.741	ug/l	64
73) Bromobenzene	12.983	156	35233	3.913	ug/l	90
74) n-propylbenzene	13.042	91	174577	3.747	ug/l	99
75) 2-Chlorotoluene	13.130	91	112719	3.922	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	107872	3.342	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	11121	3.103	ug/l	76
78) 4-Chlorotoluene	13.224	91	103466	3.803	ug/l	99
79) tert-butylbenzene	13.442	119	120366	4.031	ug/l	96
80) 1,2,4-Trimethylbenzene	13.489	105	92324	3.110	ug/l	97
81) sec-Butylbenzene	13.618	105	151051	3.629	ug/l	99
82) p-Isopropyltoluene	13.736	119	108767	3.334	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	58335	3.703	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	54958	3.531	ug/l	97
85) n-Butylbenzene	14.066	91	73086	2.899	ug/l	98
86) Hexachloroethane	14.336	117	22288	3.373	ug/l	93
87) 1,2-Dichlorobenzene	14.113	146	57570	3.592	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.724	75	10029	4.254	ug/l #	80
89) 1,2,4-Trichlorobenzene	15.395	180	9063	2.155	ug/l	86
90) Hexachlorobutadiene	15.507	225	12780	3.736	ug/l	97
91) Naphthalene	15.642	128	24618	1.603	ug/l #	91
92) 1,2,3-Trichlorobenzene	15.842	180	7938	2.017	ug/l	85

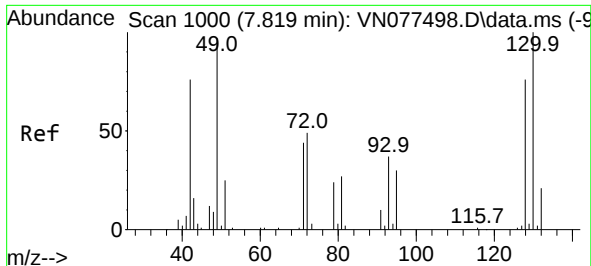
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Manual Integrations

Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

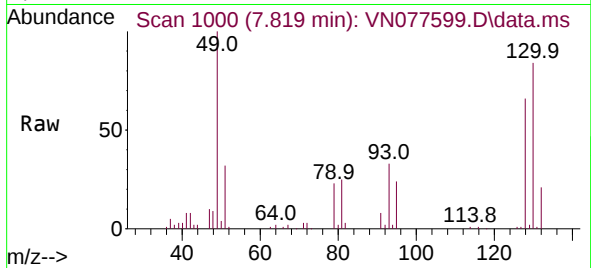
Quant Time: May 05 22:10:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 28 16:20:59 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

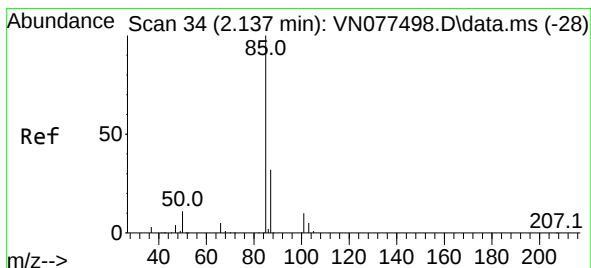
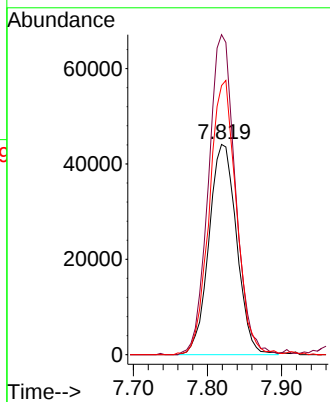
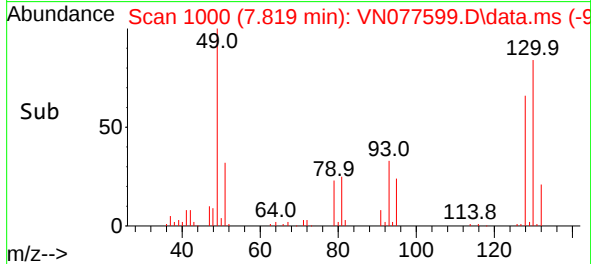
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



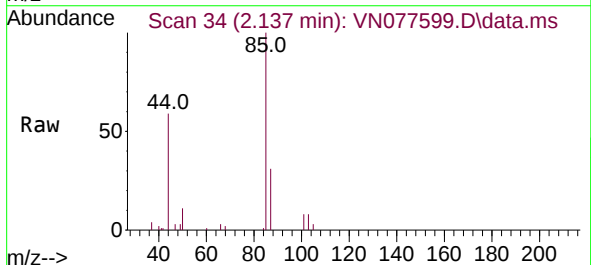
Tgt Ion:128 Resp: 11430
Ion Ratio Lower Upper
128 100
49 148.1 0.0 338.5
130 126.7 0.0 326.3

Manual Integrations
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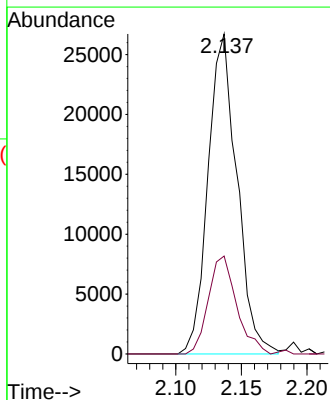
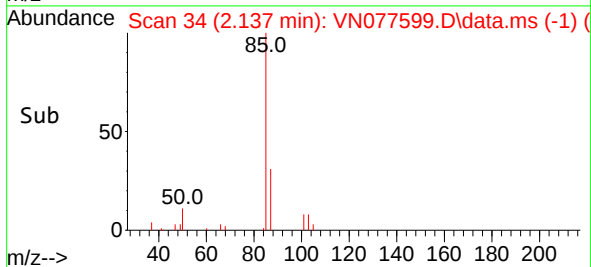
Reviewed By :John Carlone 05/08/2023
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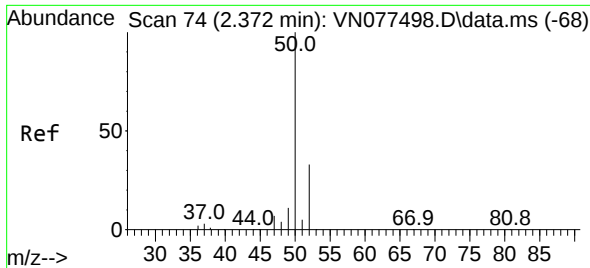


#2
Dichlorodifluoromethane
Concen: 2.883 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54



Tgt Ion: 85 Resp: 41022
Ion Ratio Lower Upper
85 100
87 30.6 16.1 48.3





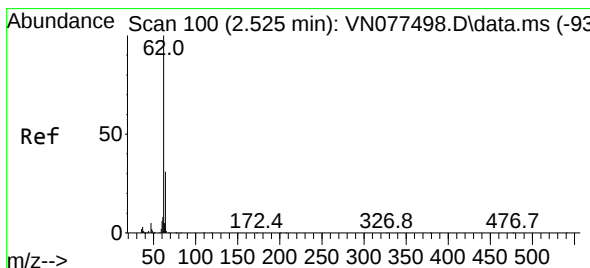
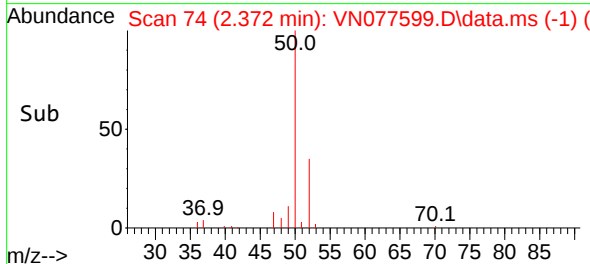
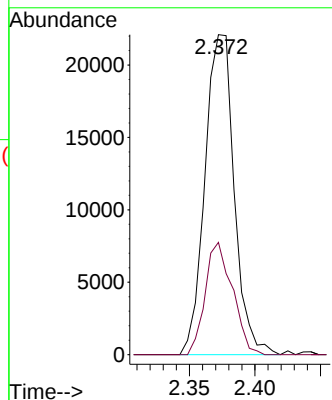
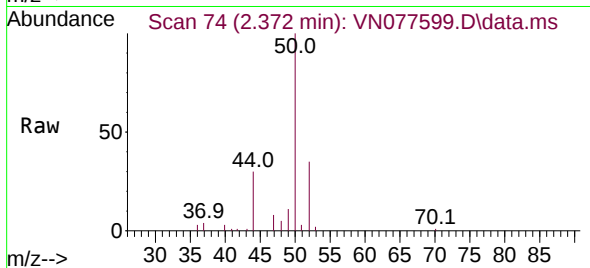
#3
Chloromethane
Concen: 3.270 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 50 Resp: 3437
Ion Ratio Lower Upper
50 100
52 35.1 26.6 39.8

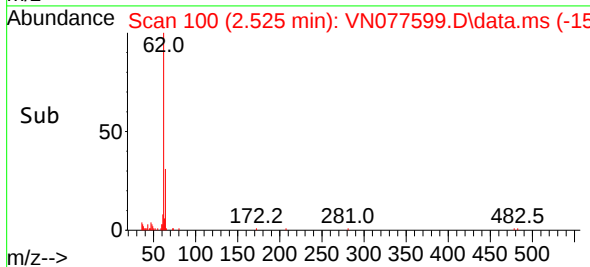
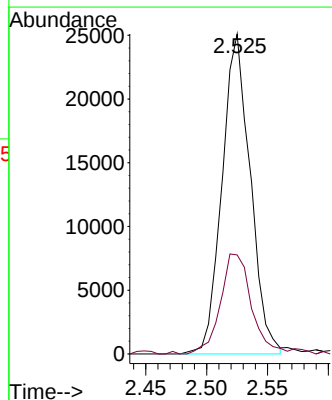
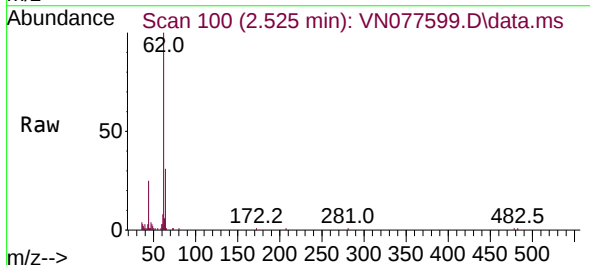
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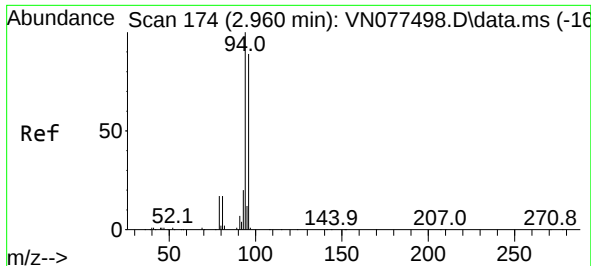
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#4
Vinyl Chloride
Concen: 2.764 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 62 Resp: 40416
Ion Ratio Lower Upper
62 100
64 30.9 27.1 40.7





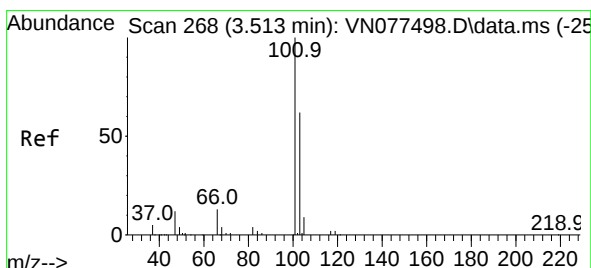
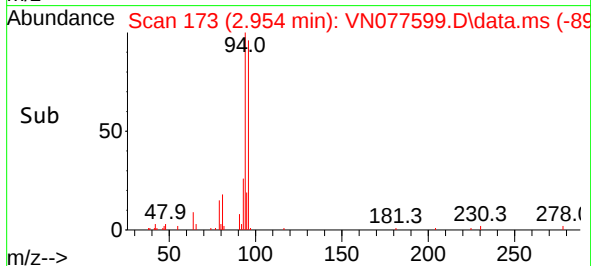
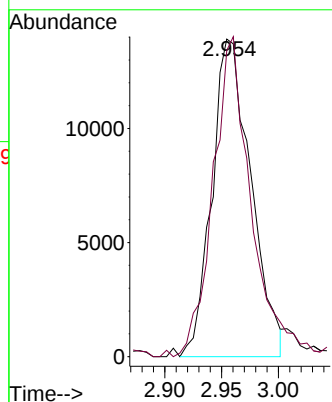
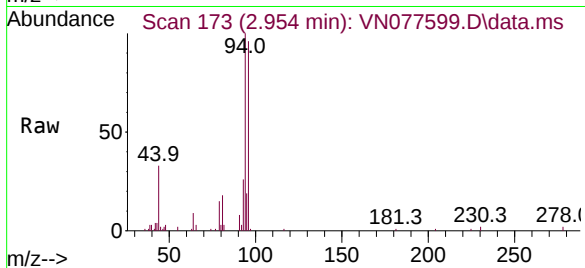
#5
Bromomethane
Concen: 2.690 ug/l
RT: 2.954 min Scan# 173
Delta R.T. -0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 94 Resp: 3320
Ion Ratio Lower Upper
94 100
96 95.3 72.6 108.8

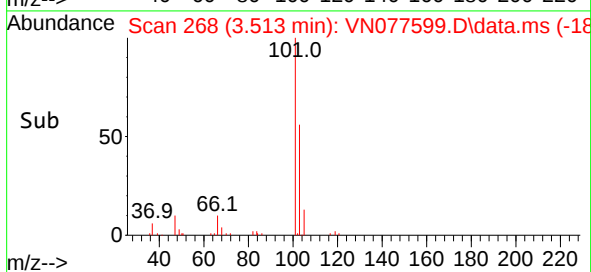
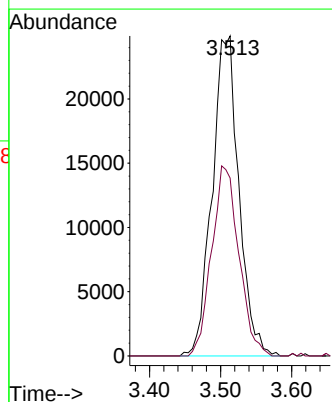
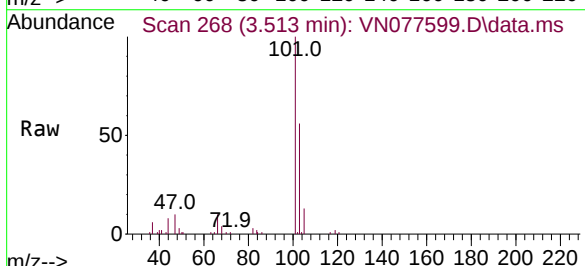
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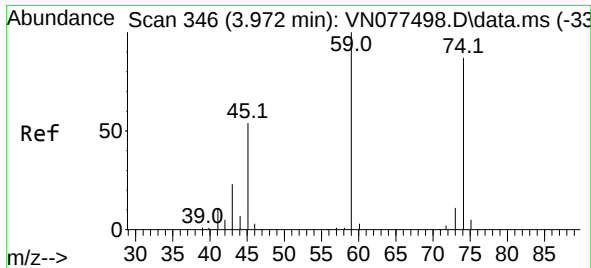
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#7
Trichlorofluoromethane
Concen: 3.015 ug/l
RT: 3.513 min Scan# 268
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:101 Resp: 65010
Ion Ratio Lower Upper
101 100
103 55.6 51.8 77.8





#8

Diethyl Ether

Concen: 2.962 ug/l

RT: 3.978 min Scan# 346

Delta R.T. 0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 74 Resp: 2234

Ion Ratio Lower Upper

74 100

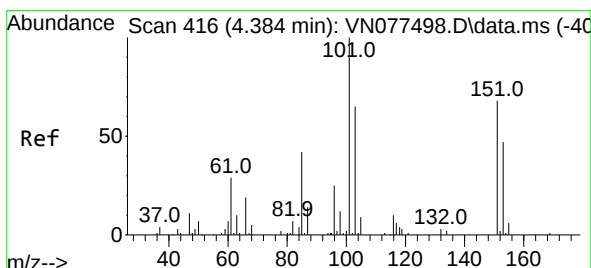
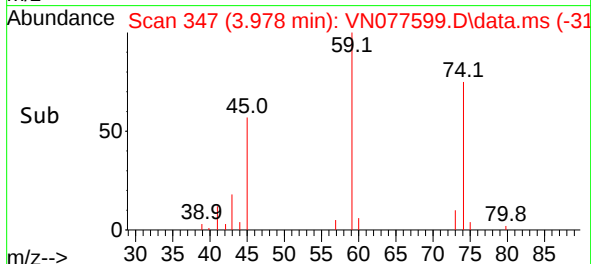
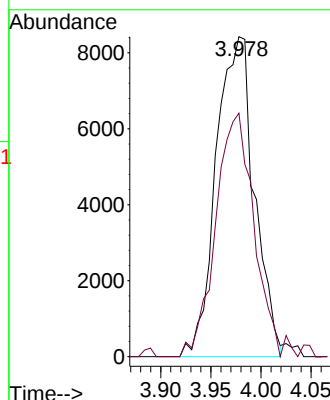
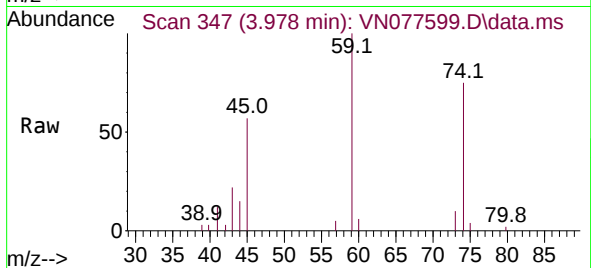
45 75.5 13.6 122.0

Manual Integrations

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Supervised By :Mahesh Dadoda 05/08/2023



#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.845 ug/l

RT: 4.384 min Scan# 416

Delta R.T. -0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

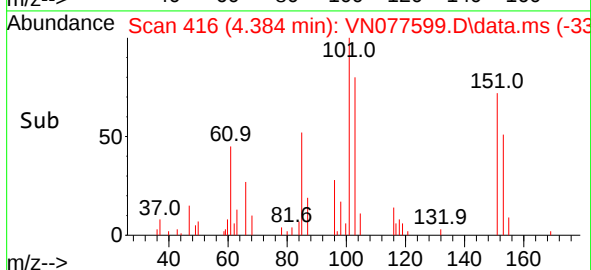
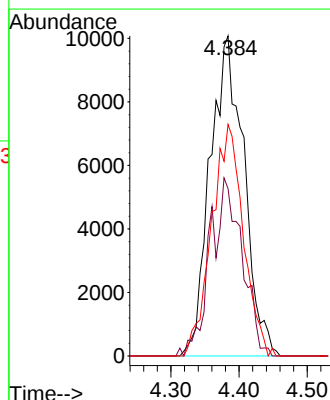
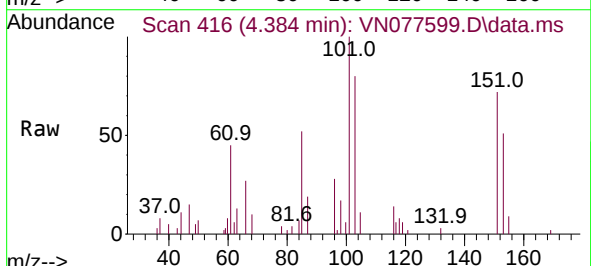
Tgt Ion:101 Resp: 34672

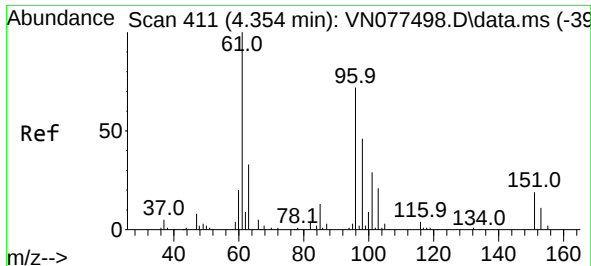
Ion Ratio Lower Upper

101 100

85 7.0 0.0 90.4

151 67.6 0.0 140.8





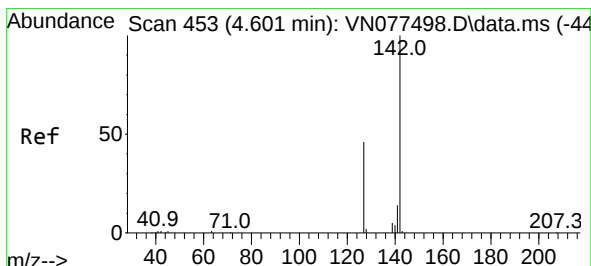
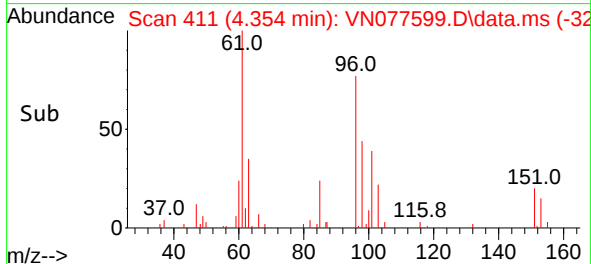
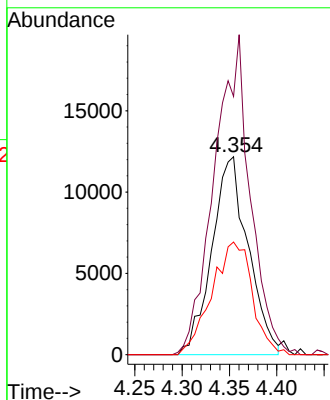
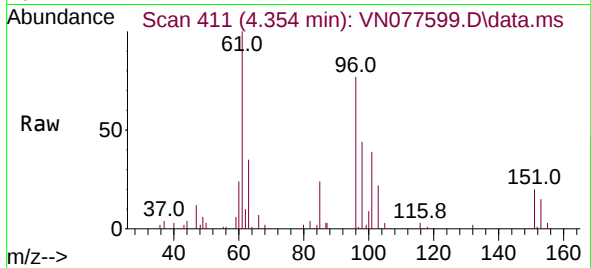
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1,1-Dichloroethene
Concen: 2.781 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 3251
Ion Ratio Lower Upper
96 100
61 129.2 108.8 163.2
98 56.9 43.5 65.3

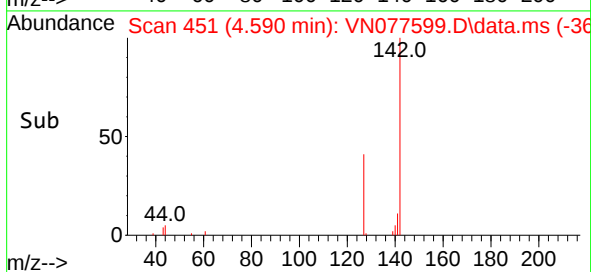
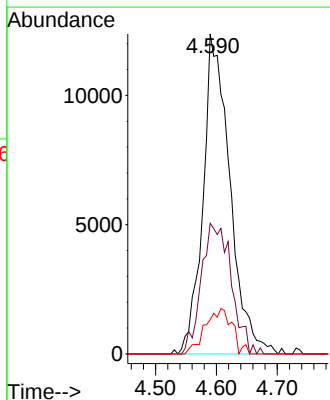
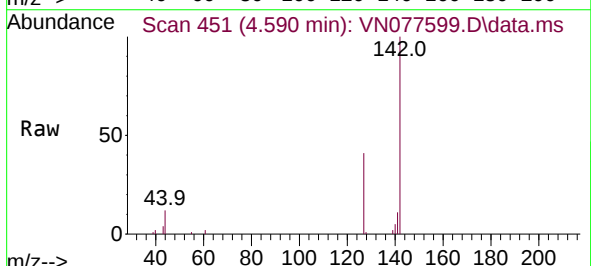
Manual Integrations
APPROVED

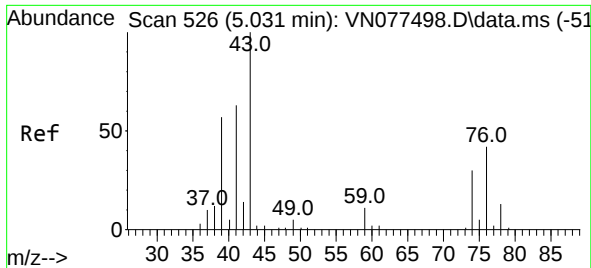
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#11
Methyl Iodide
Concen: 2.649 ug/l
RT: 4.590 min Scan# 451
Delta R.T. -0.011 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:142 Resp: 37987
Ion Ratio Lower Upper
142 100
127 40.8 23.1 69.3
141 10.7 6.0 18.0





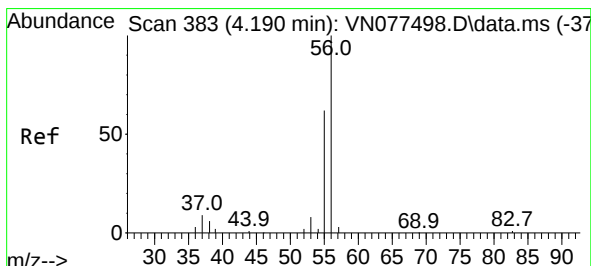
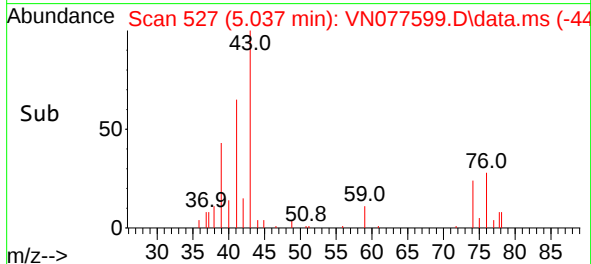
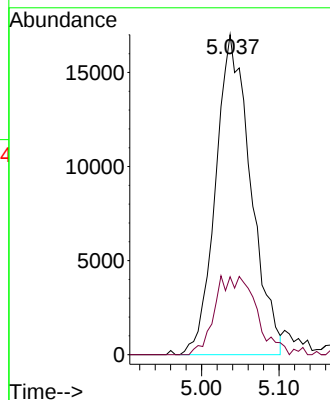
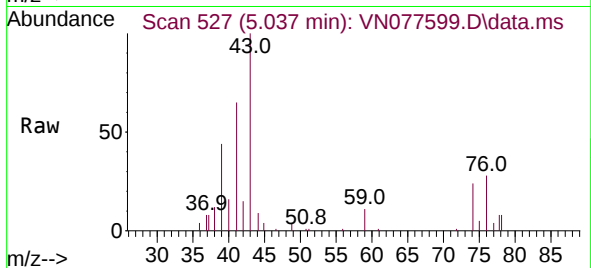
#12
Methyl Acetate
Concen: 3.182 ug/l
RT: 5.037 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 43 Resp: 5365
Ion Ratio Lower Upper
43 100
74 23.2 25.8 38.8

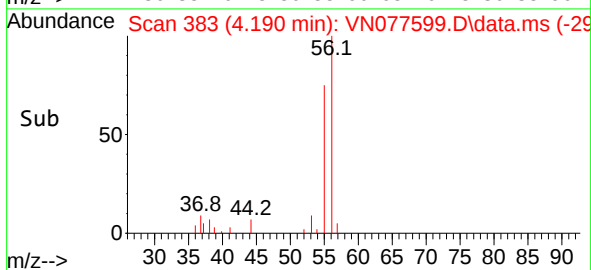
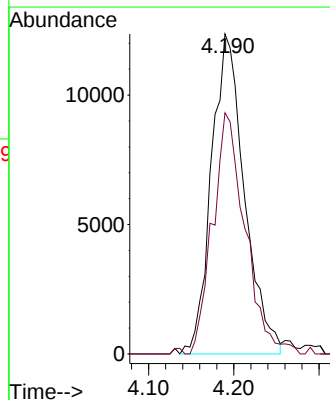
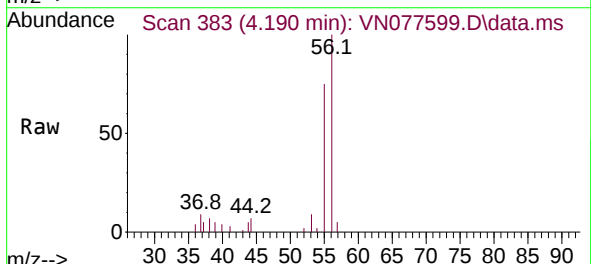
Manual Integrations
APPROVED

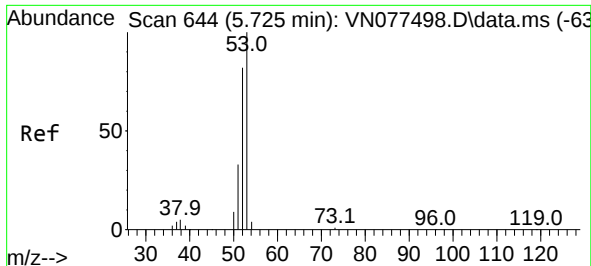
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#13
Acrolein
Concen: 16.439 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 56 Resp: 33233
Ion Ratio Lower Upper
56 100
55 73.2 55.8 83.6





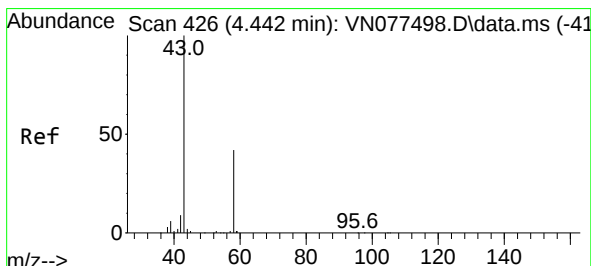
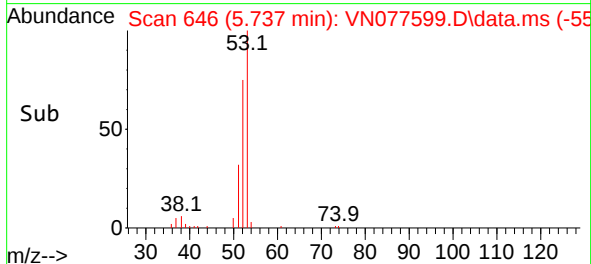
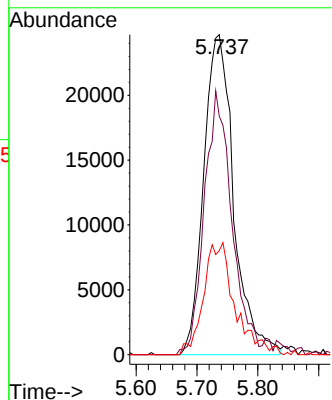
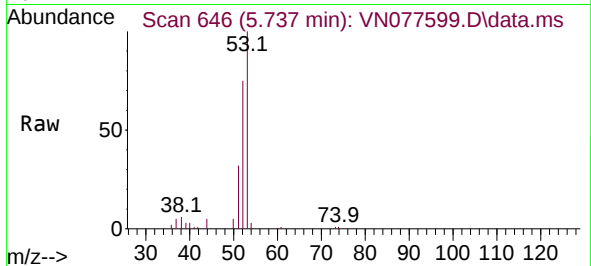
#14
Acrylonitrile
Concen: 16.336 ug/l
RT: 5.737 min Scan# 644
Delta R.T. 0.012 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 53 Resp: 8450
Ion Ratio Lower Upper
53 100
52 75.2 41.9 125.6
51 13.2 18.0 54.0

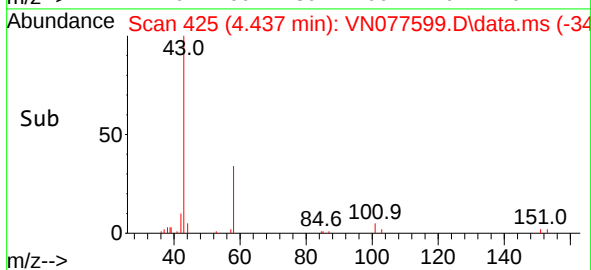
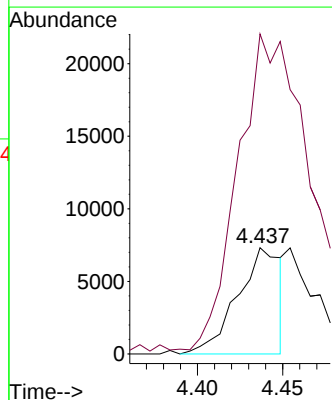
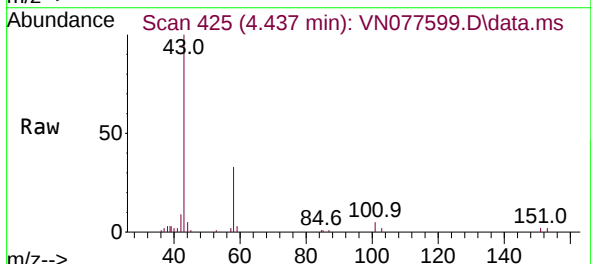
Manual Integrations
APPROVED

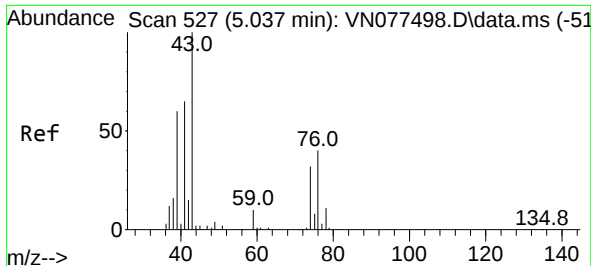
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#15
Acetone
Concen: 7.806 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.005 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

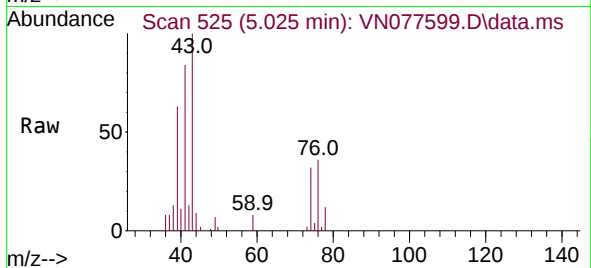
Tgt Ion: 58 Resp: 12892
Ion Ratio Lower Upper
58 100
43 296.8 197.2 295.8





#17
 Allyl chloride
 Concen: 1.351 ug/l
 RT: 5.025 min Scan# 51
 Delta R.T. -0.012 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

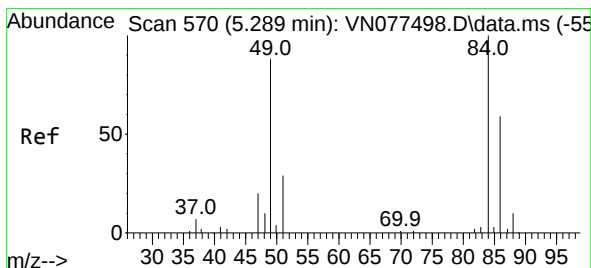
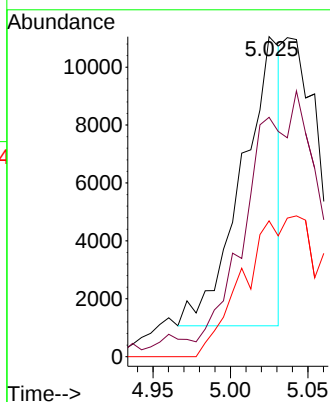
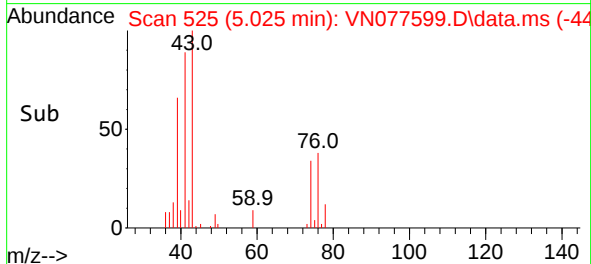
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion: 41 Resp: 1732
 Ion Ratio Lower Upper
 41 100
 39 76.7 38.6 116.0
 76 47.0 26.1 78.3

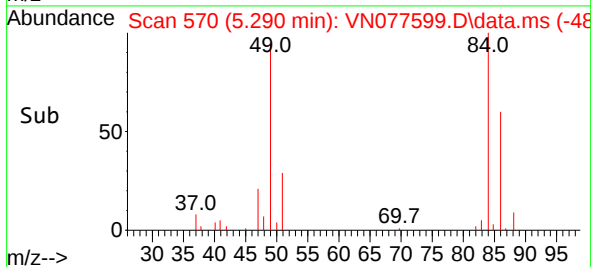
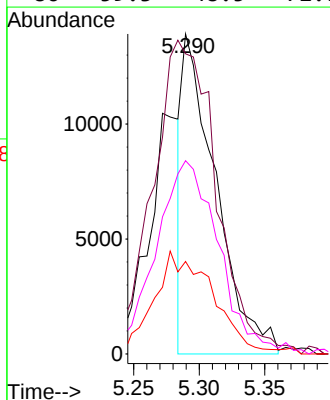
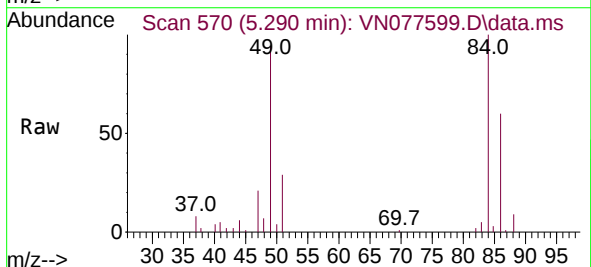
Manual Integrations
 APPROVED

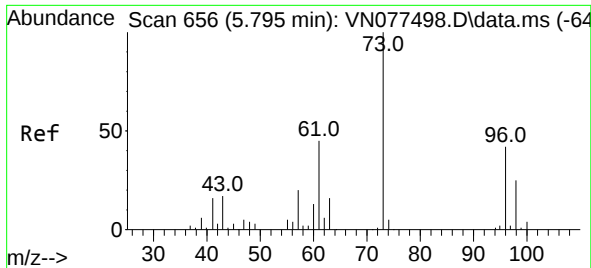
Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023



#18
 Methylene Chloride
 Concen: 1.773 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. 0.001 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

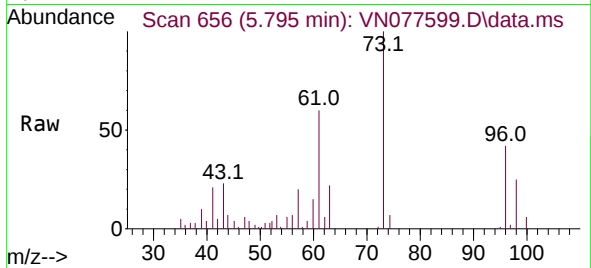
Tgt Ion: 84 Resp: 24453
 Ion Ratio Lower Upper
 84 100
 49 92.1 74.6 112.0
 51 27.9 25.0 37.6
 86 59.3 48.5 72.7





#19
trans-1,2-Dichloroethene
Concen: 1.825 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

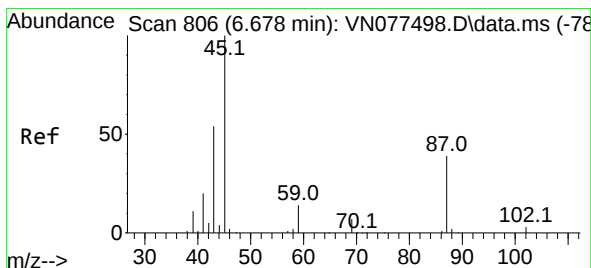
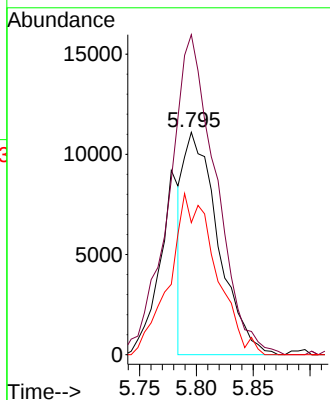
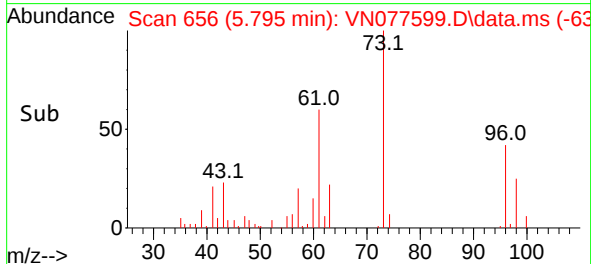
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



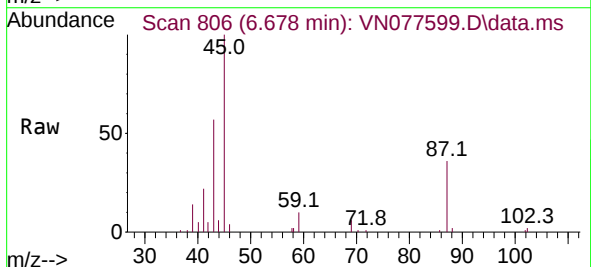
Tgt Ion: 96 Resp: 23579
Ion Ratio Lower Upper
96 100
61 142.4 89.7 134.5
98 59.4 47.0 70.4

Manual Integrations
APPROVED

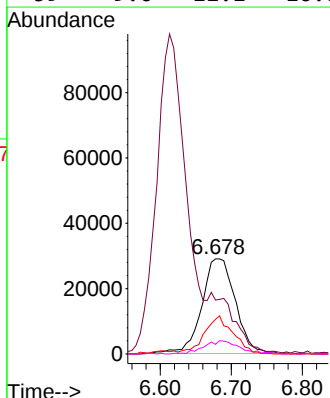
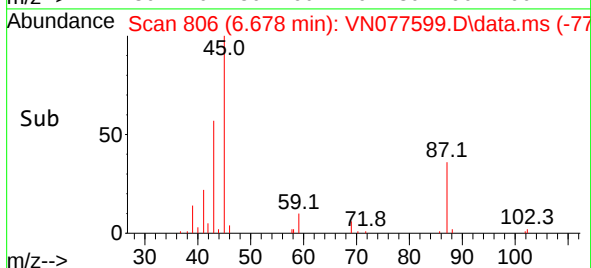
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

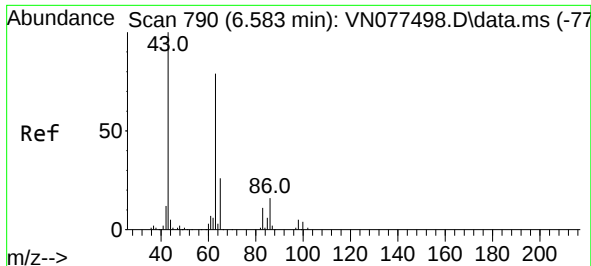


#20
Diisopropyl ether
Concen: 3.116 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54



Tgt Ion: 45 Resp: 92989
Ion Ratio Lower Upper
45 100
43 55.0 46.6 69.8
87 36.5 34.6 52.0
59 9.6 11.1 16.7#





#21

1,1-Dichloroethane

Concen: 3.070 ug/l

RT: 6.584 min Scan# 790

Delta R.T. 0.001 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

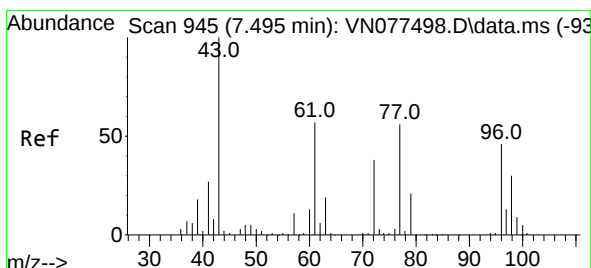
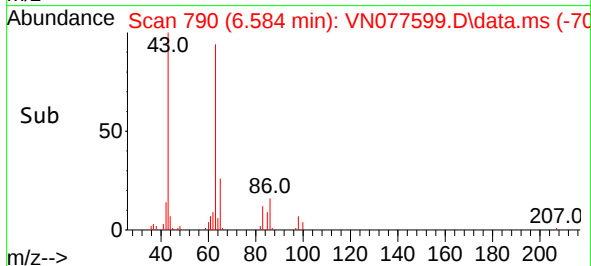
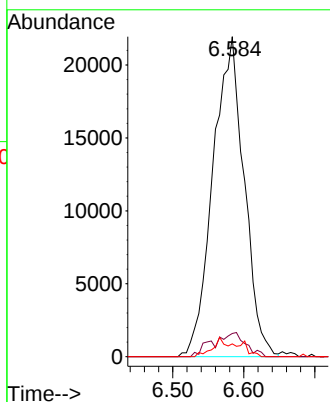
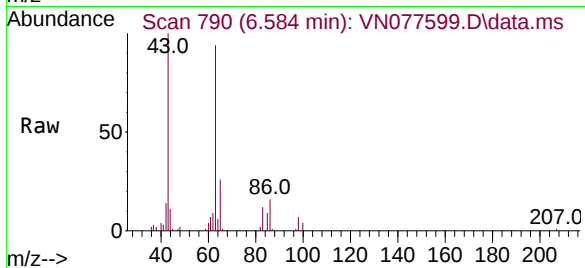
Tgt Ion:	63	Resp:	6694
Ion Ratio	Lower	Upper	
63	100		
98	7.2	4.0	12.0
100	4.0	3.4	10.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#22

cis-1,2-Dichloroethene

Concen: 2.755 ug/l

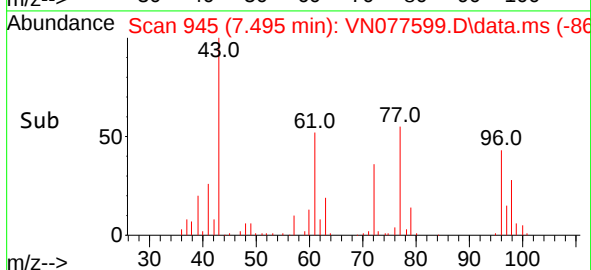
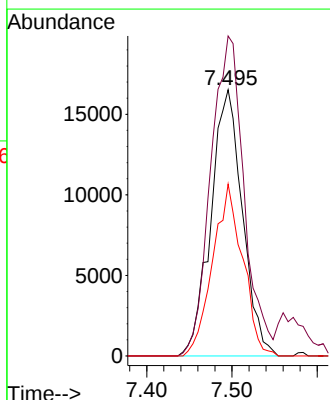
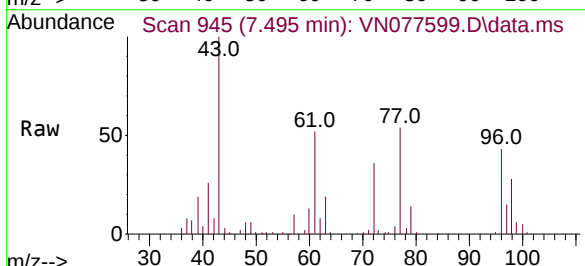
RT: 7.495 min Scan# 945

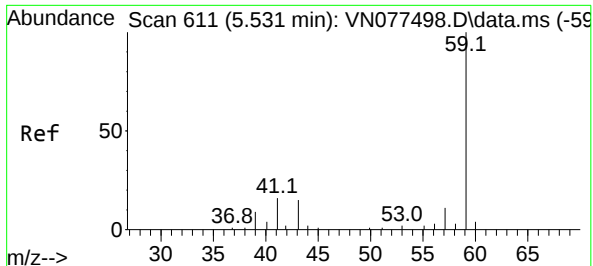
Delta R.T. 0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Tgt Ion:	96	Resp:	42630
Ion Ratio	Lower	Upper	
96	100		
61	126.5	100.2	150.2
98	61.2	51.6	77.4





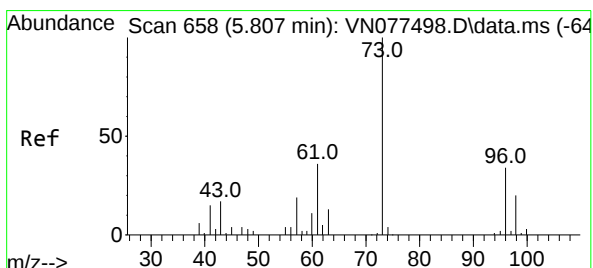
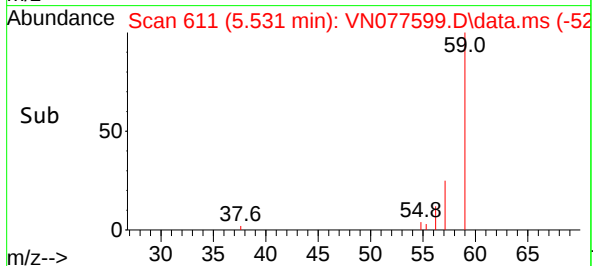
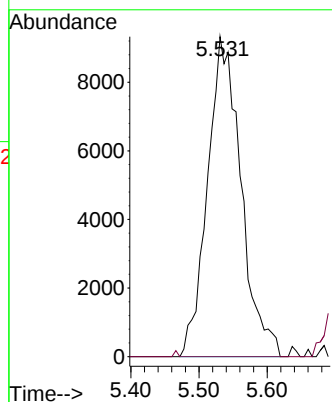
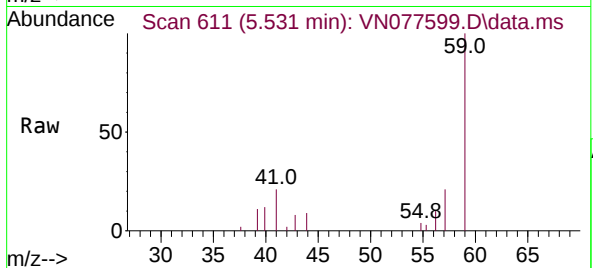
#23
tert-Butyl Alcohol
Concen: 14.282 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 59 Resp: 31872
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

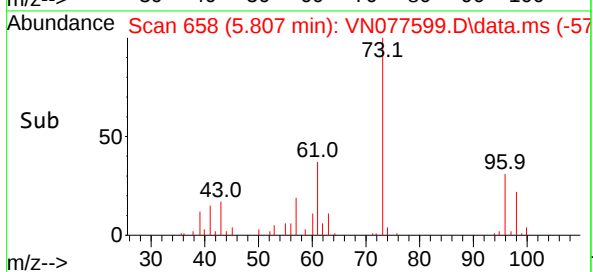
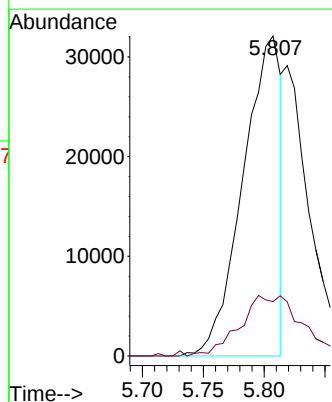
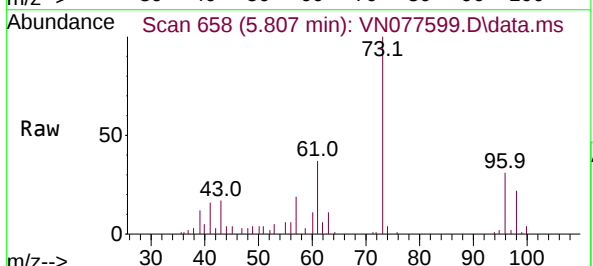
Manual Integrations
APPROVED

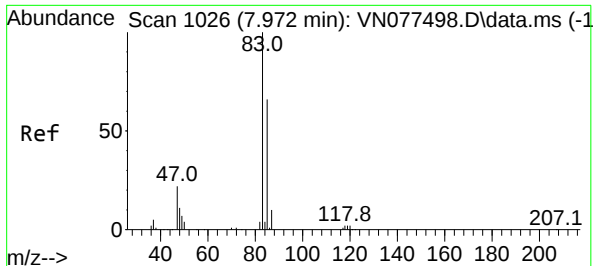
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#24
Methyl tert-Butyl Ether
Concen: 1.710 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 73 Resp: 69358
Ion Ratio Lower Upper
73 100
43 15.5 13.5 20.3





#25

Chloroform

Concen: 2.956 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 83 Resp: 7408

Ion Ratio Lower Upper

83 100

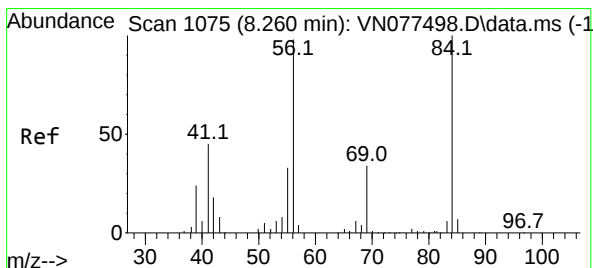
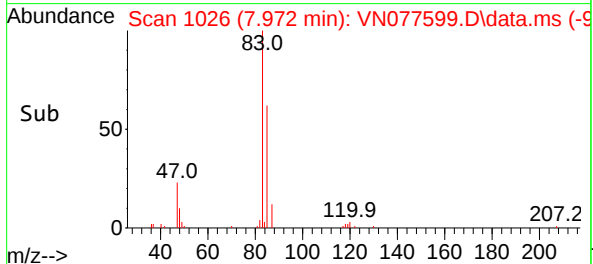
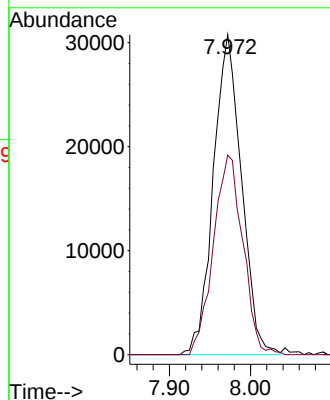
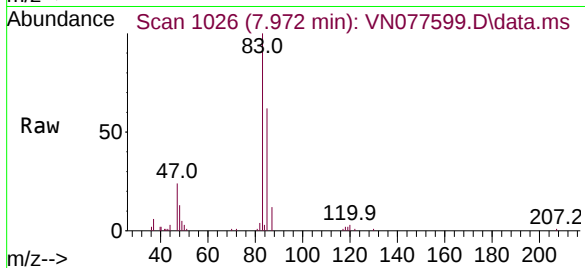
85 62.4 53.0 79.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#26

Cyclohexane

Concen: 2.904 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

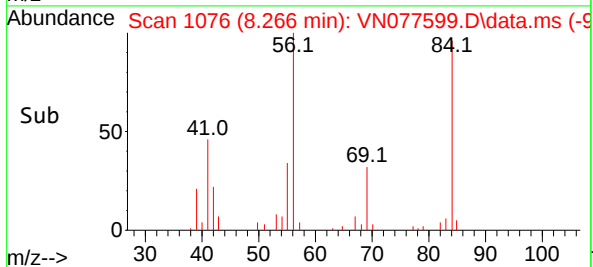
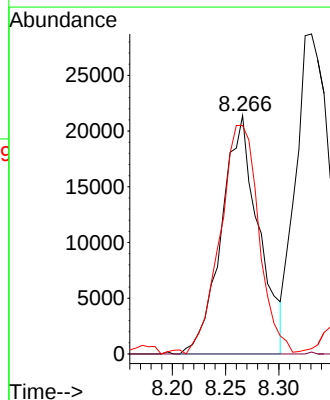
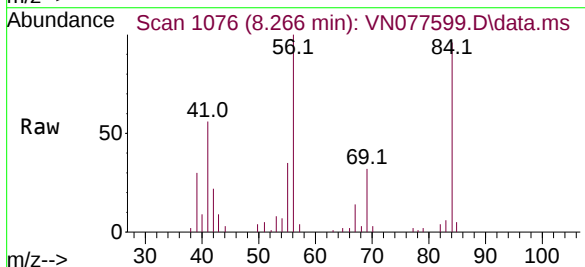
Tgt Ion: 56 Resp: 51666

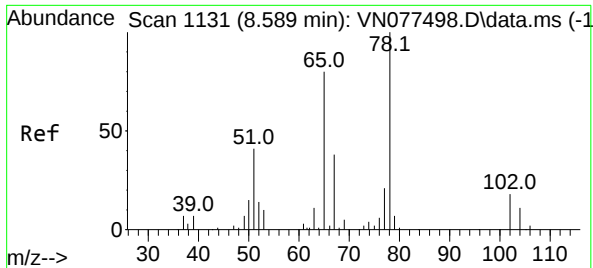
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 100.2 85.4 128.2





#27
1,2-Dichloroethane-d4
Concen: 27.665 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.005 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

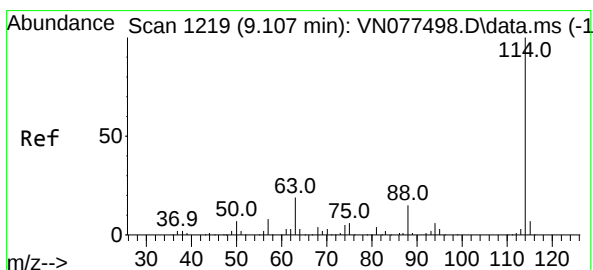
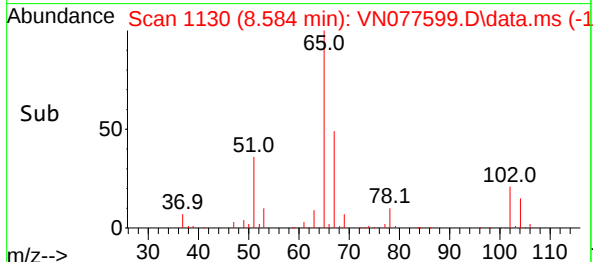
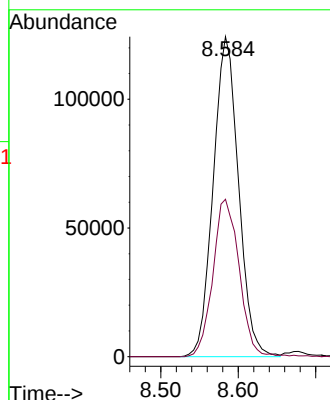
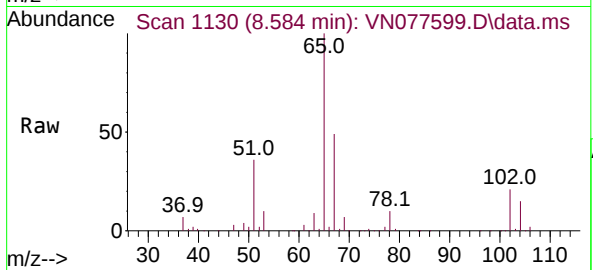
Tgt Ion: 65 Resp: 281914
Ion Ratio Lower Upper
65 100
67 50.6 40.2 60.2

Manual Integrations

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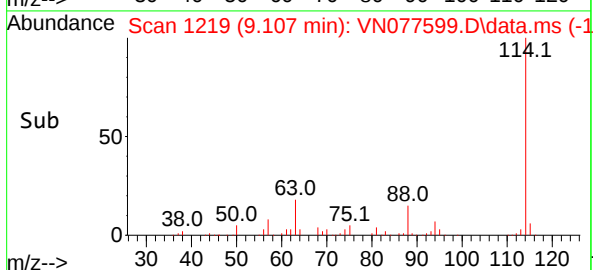
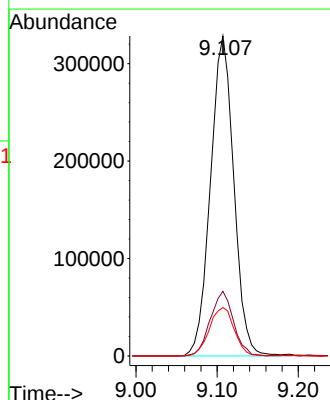
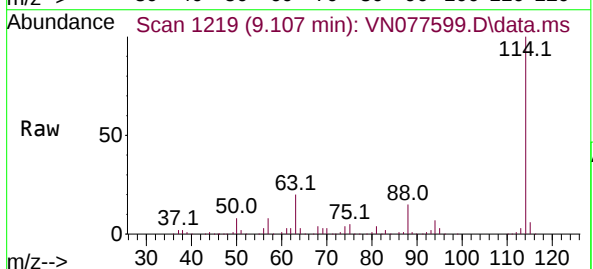
Reviewed By :John Carlone 05/08/2023

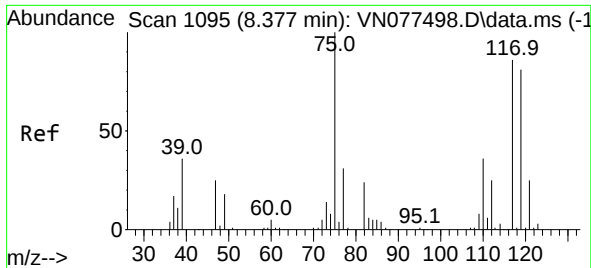
Supervised By :Mahesh Dadoda 05/08/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:114 Resp: 655818
Ion Ratio Lower Upper
114 100
63 20.1 14.1 21.1
88 16.1 12.3 18.5





#29
1,1-Dichloropropene
Concen: 3.498 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.005 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

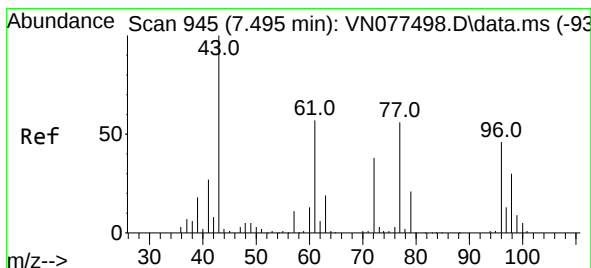
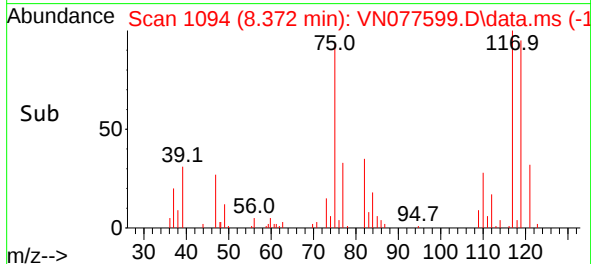
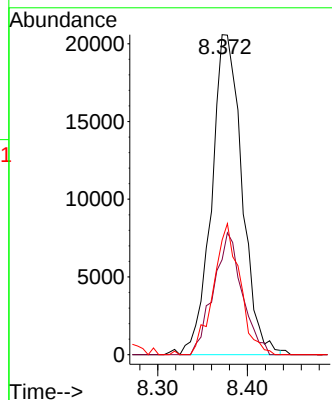
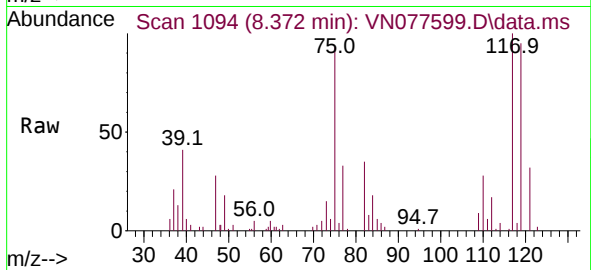
Tgt Ion: 75 Resp: 48360
Ion Ratio Lower Upper
75 100
110 35.9 0.0 74.0
77 35.7 0.0 62.8

Manual Integrations

APPROVED

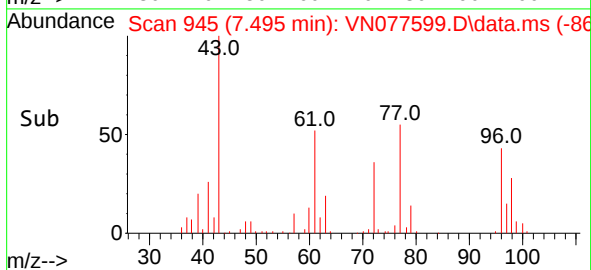
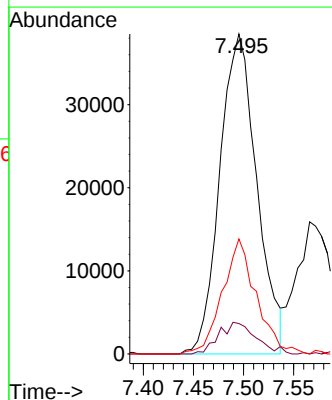
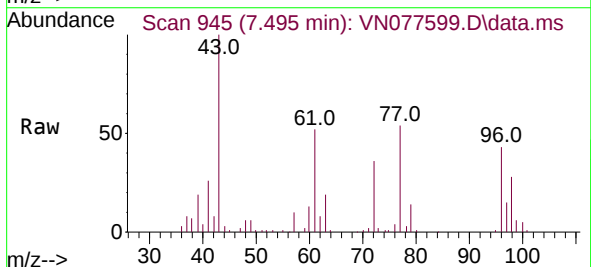
Reviewed By :John Carlone 05/08/2023

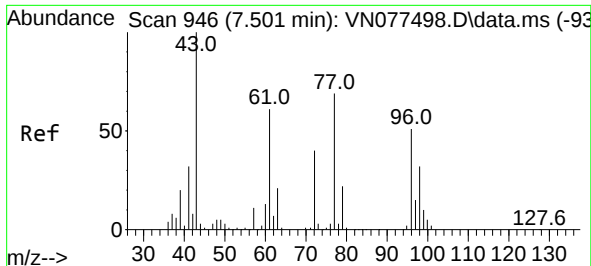
Supervised By :Mahesh Dadoda 05/08/2023



#30
2-Butanone
Concen: 19.511 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 43 Resp: 98888
Ion Ratio Lower Upper
43 100
57 9.5 8.0 12.0
72 32.3 30.4 45.6





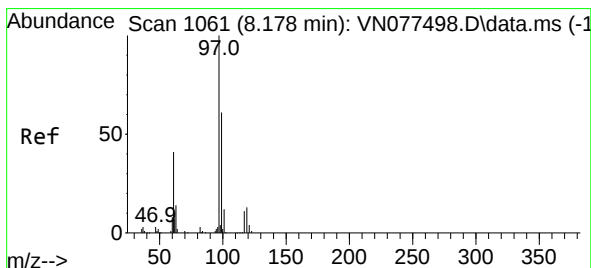
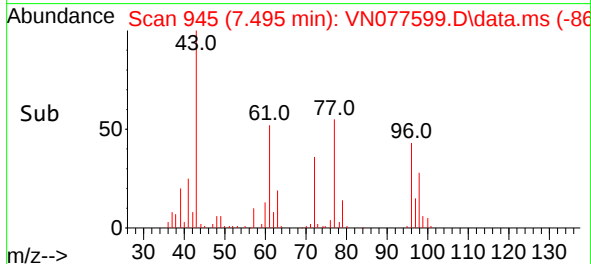
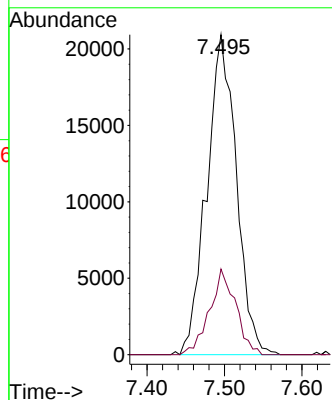
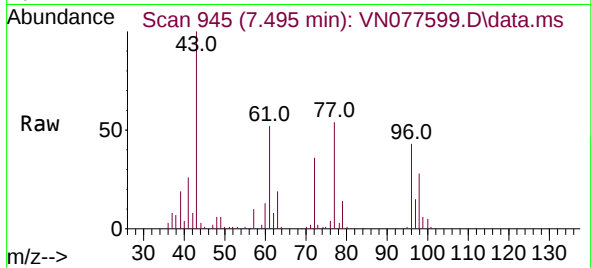
#31
2,2-Dichloropropane
Concen: 3.438 ug/l
RT: 7.495 min Scan# 946
Delta R.T. -0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 77 Resp: 5561
Ion Ratio Lower Upper
77 100
97 23.6 18.1 27.1

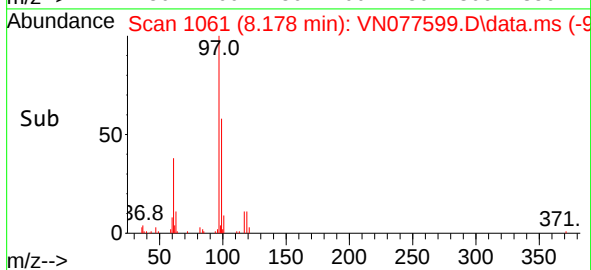
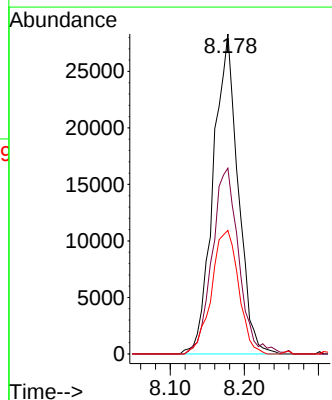
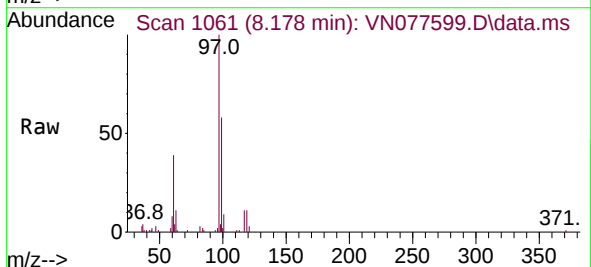
Manual Integrations
APPROVED

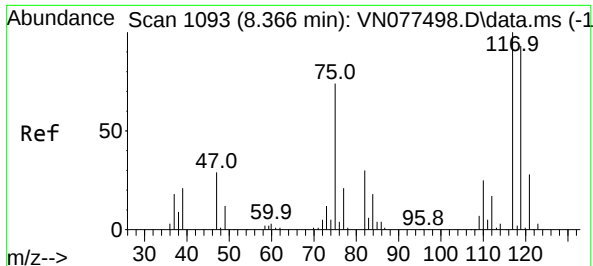
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#32
1,1,1-Trichloroethane
Concen: 3.699 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

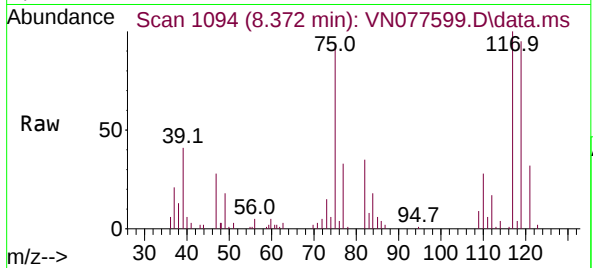
Tgt Ion: 97 Resp: 65996
Ion Ratio Lower Upper
97 100
99 60.6 50.1 75.1
61 41.9 31.1 46.7





#33
Carbon Tetrachloride
Concen: 3.473 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

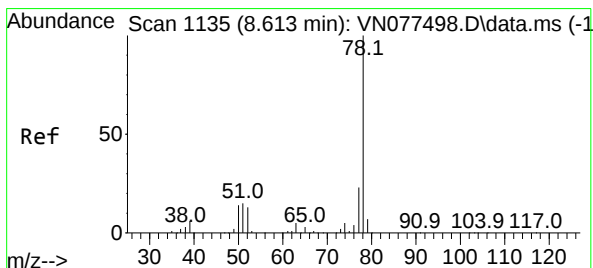
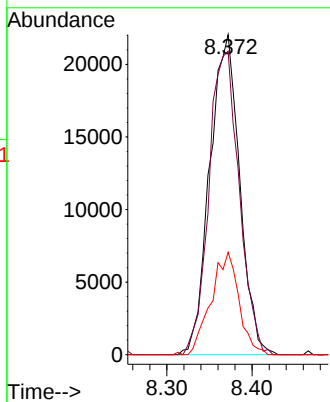
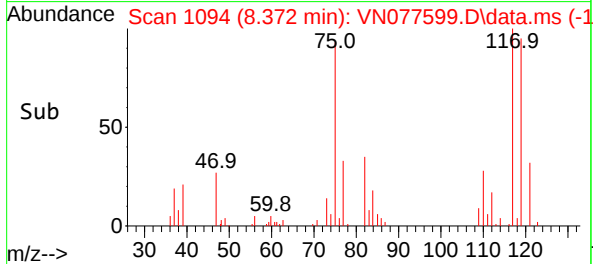
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:117 Resp: 5378
Ion Ratio Lower Upper
117 100
119 94.8 72.6 109.0
121 32.0 24.3 36.5

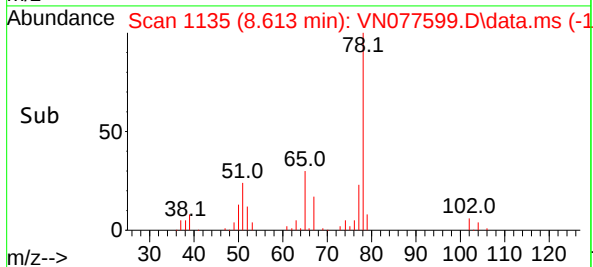
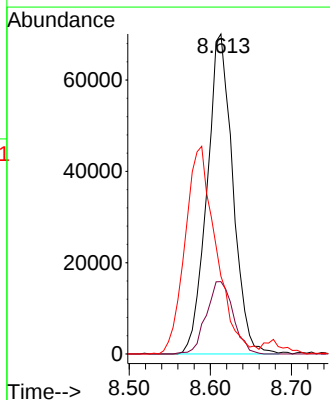
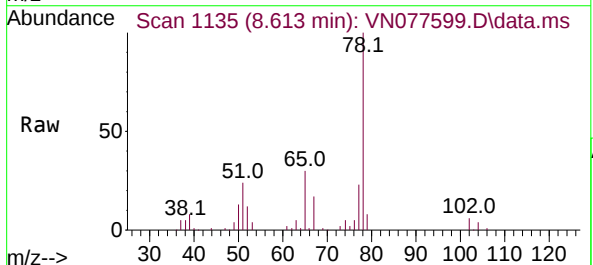
Manual Integrations
APPROVED

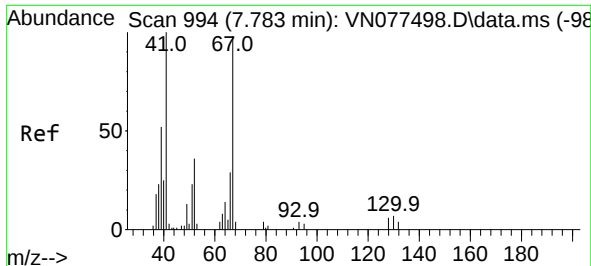
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#34
Benzene
Concen: 3.634 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 78 Resp: 154503
Ion Ratio Lower Upper
78 100
77 22.6 17.1 25.7
51 22.0 11.3 16.9#





#35
Methacrylonitrile
Concen: 4.215 ug/l
RT: 7.784 min Scan# 994
Delta R.T. 0.001 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

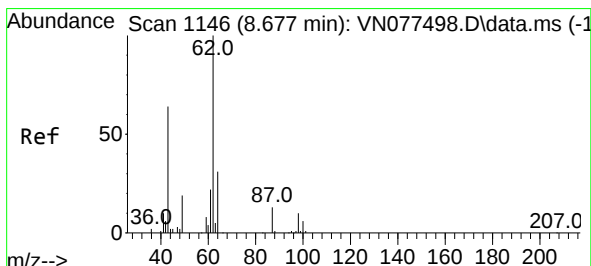
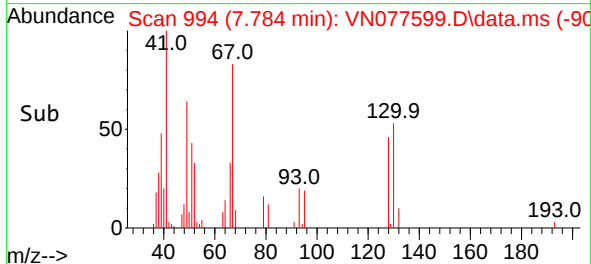
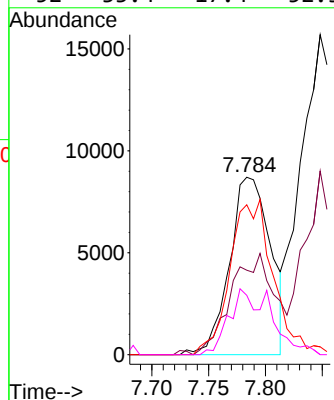
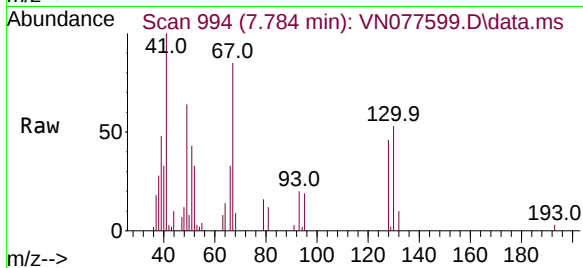
VSTDICC005

Tgt Ion: 41 Resp: 2181
Ion Ratio Lower Upper
41 100
39 45.3 25.9 77.8
67 84.5 48.1 144.4
52 33.4 17.4 52.3

Manual Integrations

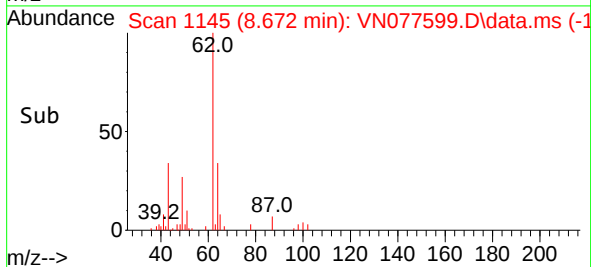
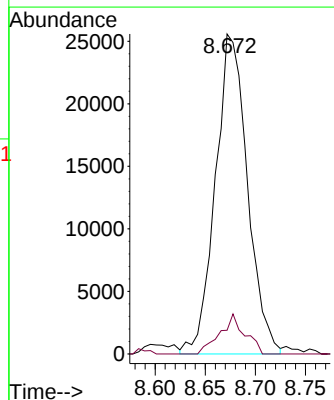
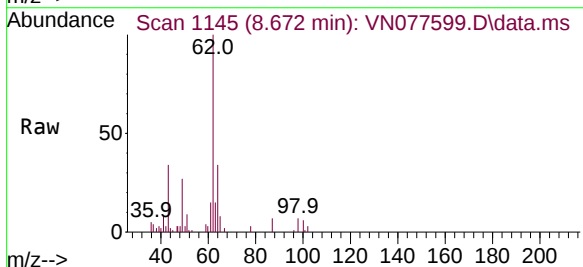
APPROVED

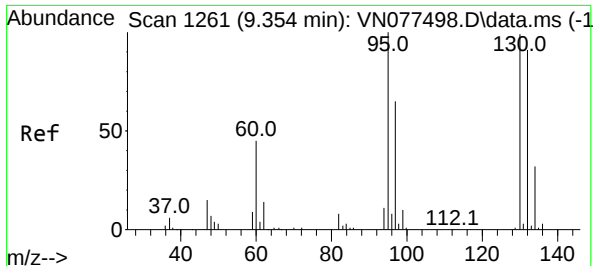
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#36
1,2-Dichloroethane
Concen: 3.922 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.005 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 62 Resp: 56945
Ion Ratio Lower Upper
62 100
98 9.6 8.0 12.0





#37

Trichloroethene

Concen: 3.562 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:130 Resp: 38278

Ion Ratio Lower Upper

130 100

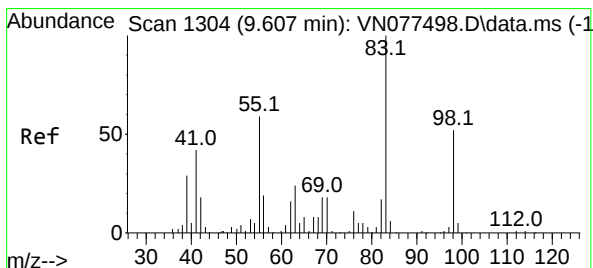
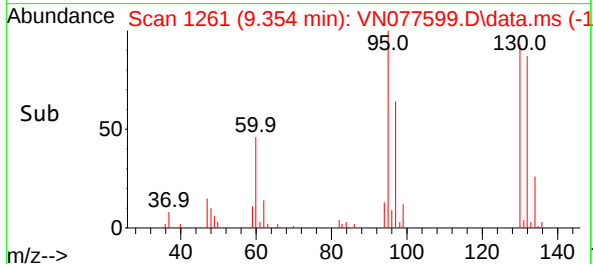
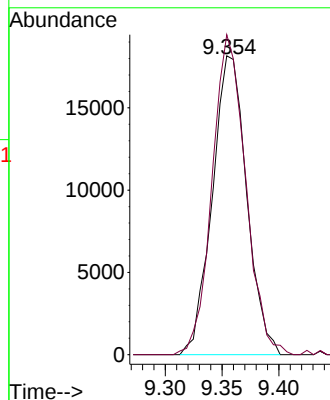
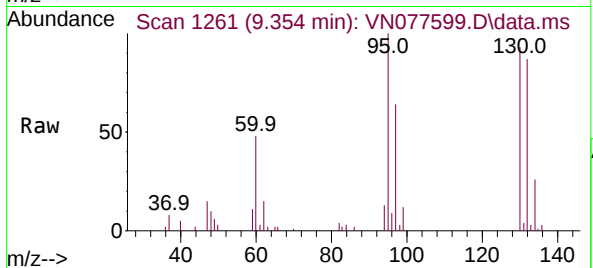
95 105.8 87.1 130.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#38

Methylcyclohexane

Concen: 3.337 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

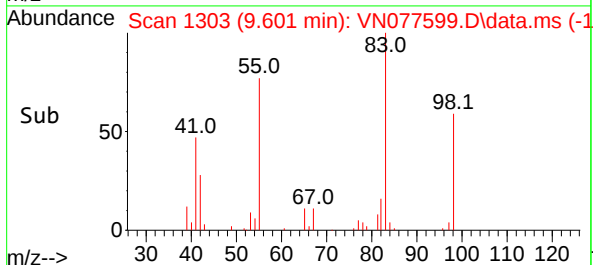
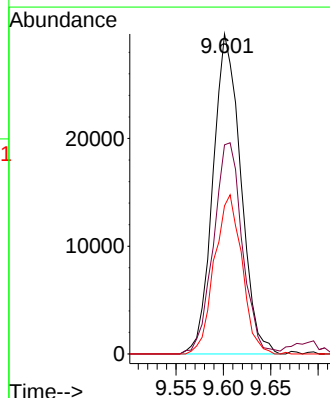
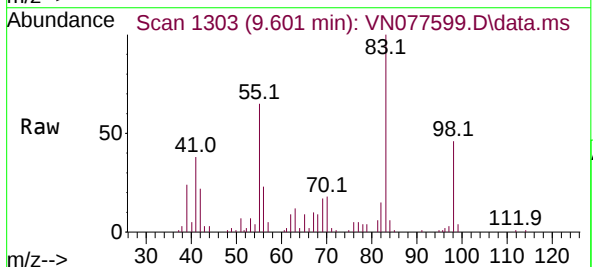
Tgt Ion: 83 Resp: 60597

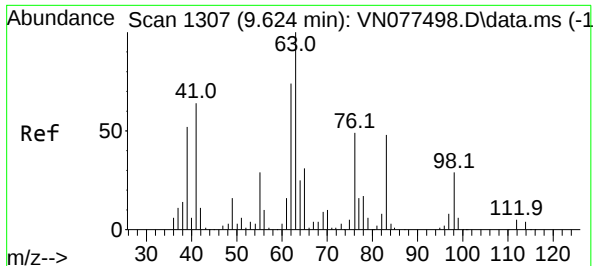
Ion Ratio Lower Upper

83 100

55 68.6 29.6 88.9

98 49.2 25.1 75.3





#39

1,2-Dichloropropane

Concen: 3.737 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.001 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 63 Resp: 3679

Ion Ratio Lower Upper

63 100

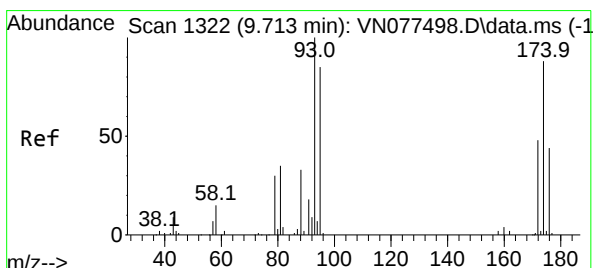
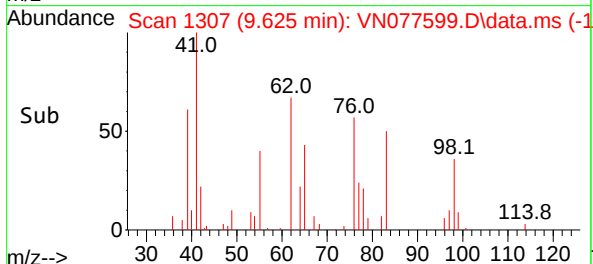
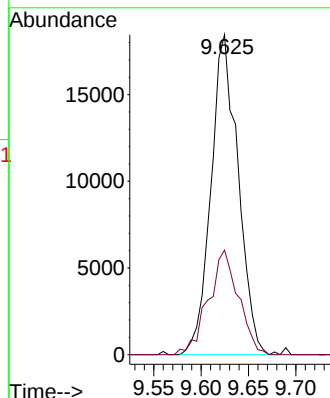
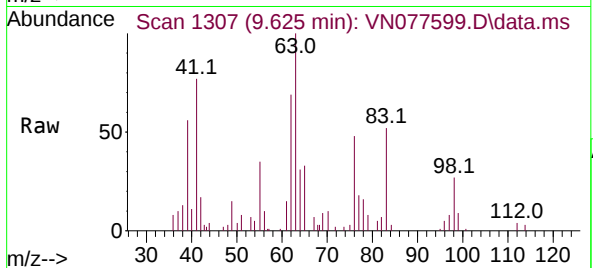
65 32.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#40

Dibromomethane

Concen: 3.604 ug/l

RT: 9.719 min Scan# 1323

Delta R.T. 0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

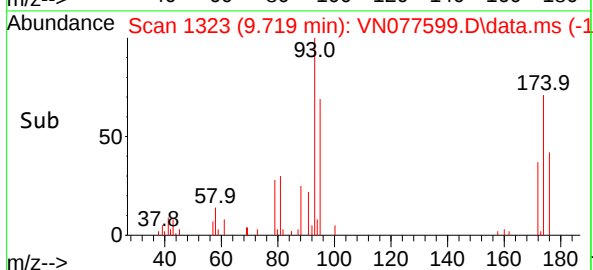
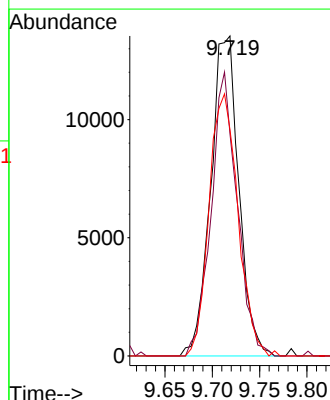
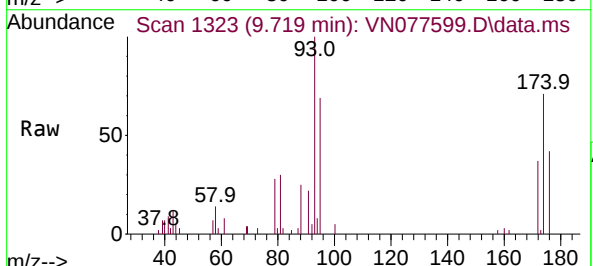
Tgt Ion: 93 Resp: 27988

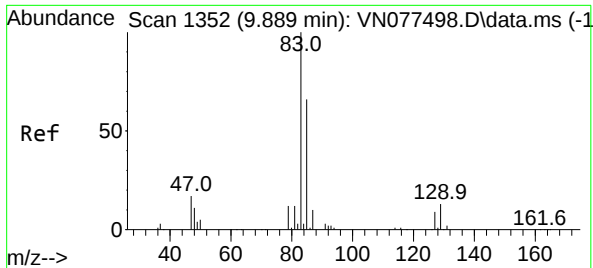
Ion Ratio Lower Upper

93 100

95 82.2 0.0 171.0

174 84.1 0.0 164.2





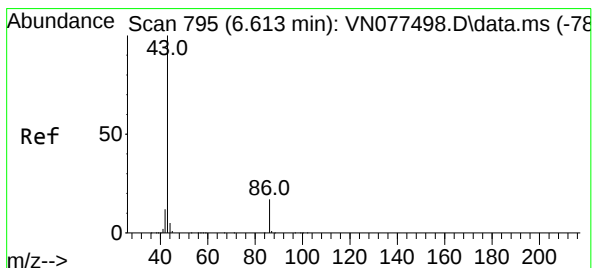
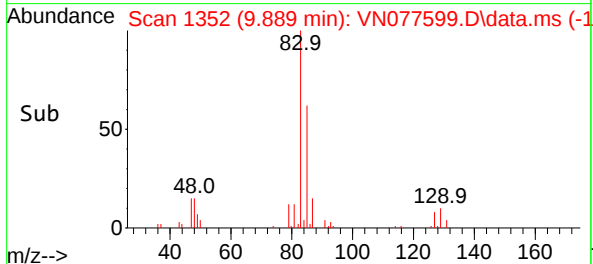
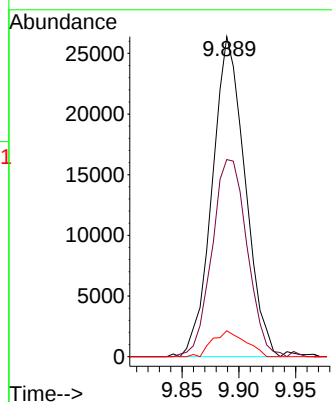
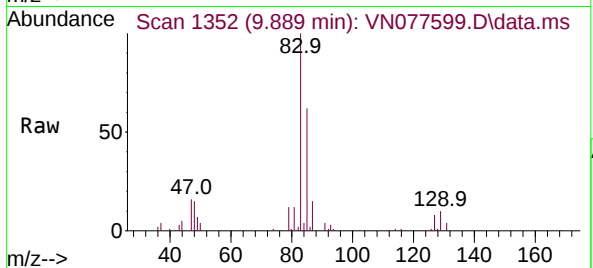
#41
Bromodichloromethane
Concen: 3.452 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 83 Resp: 52940
Ion Ratio Lower Upper
83 100
85 60.8 49.2 73.8
127 8.1 6.1 9.1

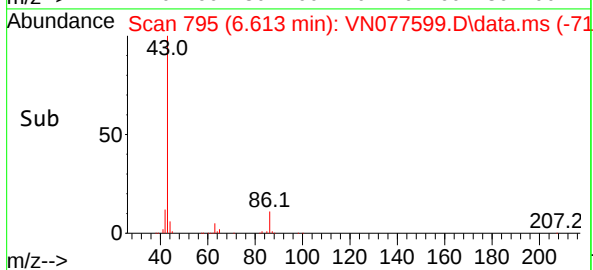
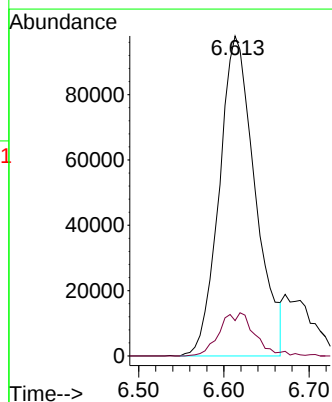
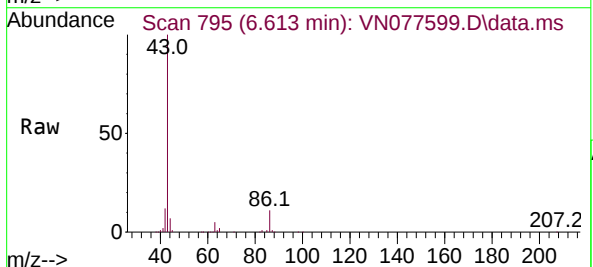
Manual Integrations
APPROVED

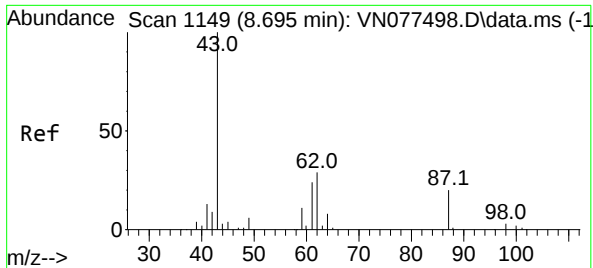
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#42
Vinyl Acetate
Concen: 17.974 ug/l
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

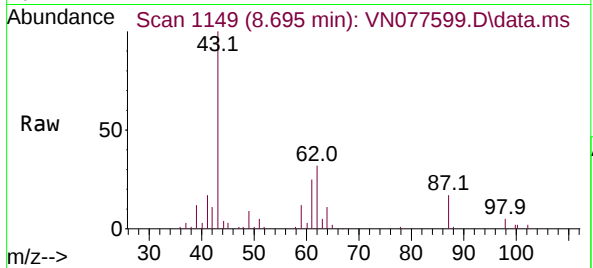
Tgt Ion: 43 Resp: 286897
Ion Ratio Lower Upper
43 100
86 6.6 12.6 18.8#





#44
Isopropyl Acetate
Concen: 3.980 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

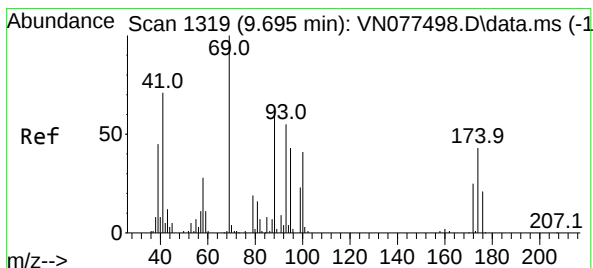
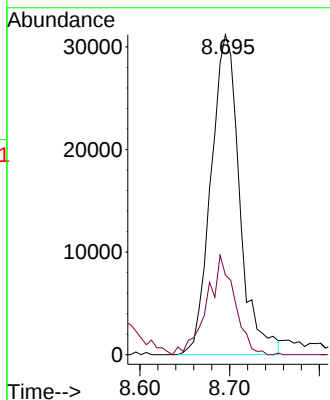
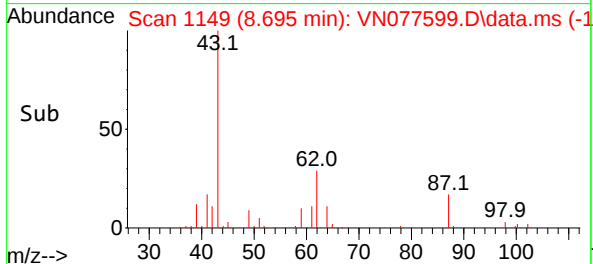
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005



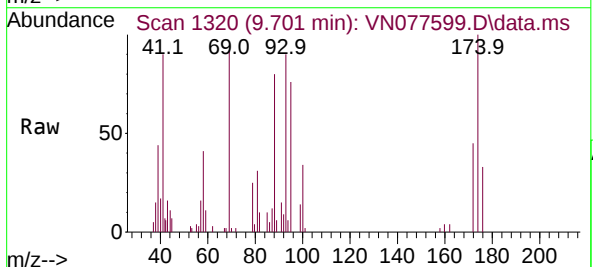
Tgt Ion: 43 Resp: 69169
Ion Ratio Lower Upper
43 100
61 29.8 27.2 40.8

Manual Integrations
APPROVED

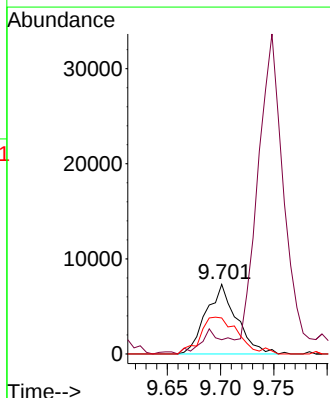
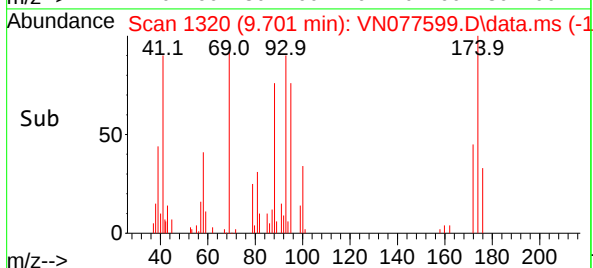
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

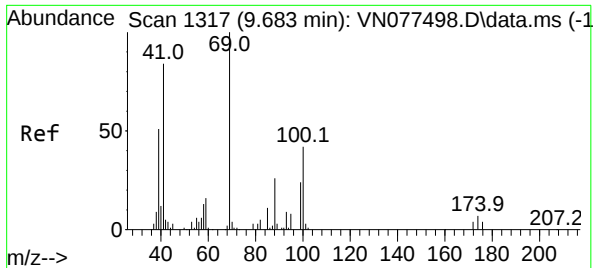


#45
1,4-Dioxane
Concen: 69.315 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54



Tgt Ion: 88 Resp: 14608
Ion Ratio Lower Upper
88 100
43 21.5 16.6 24.8
58 57.2 47.3 70.9





#46

Methyl methacrylate

Concen: 3.937 ug/l

RT: 9.689 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

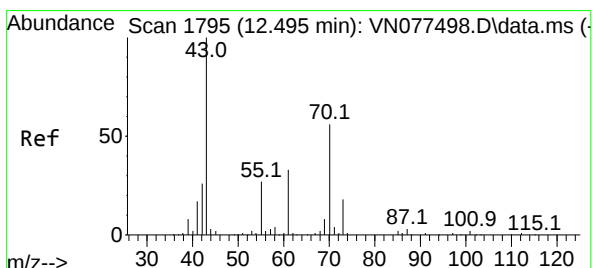
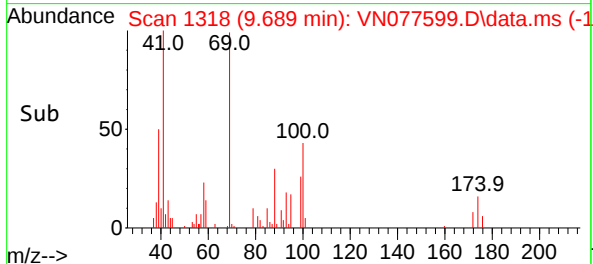
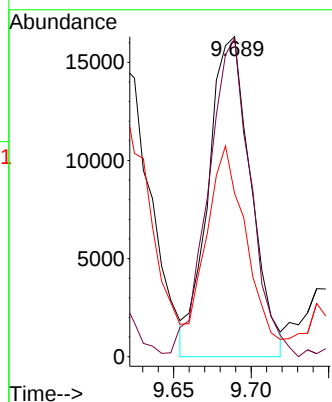
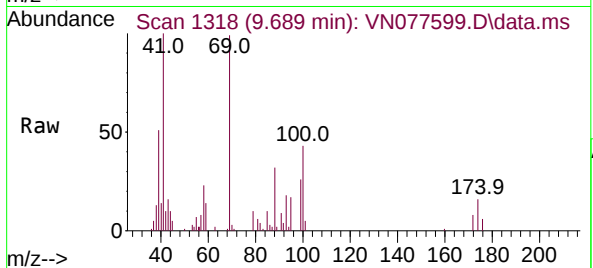
Tgt Ion:	41	Resp:	3113
Ion Ratio	Lower	Upper	
41	100		
69	100.5	59.2	177.6
39	49.4	33.4	100.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#47

n-amy1 Acetate

Concen: 3.219 ug/l

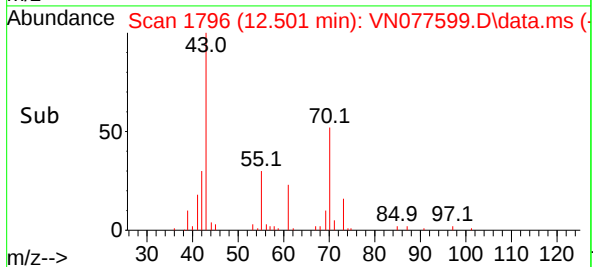
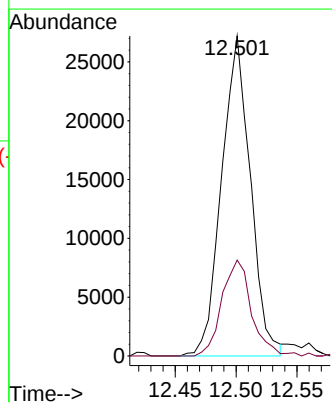
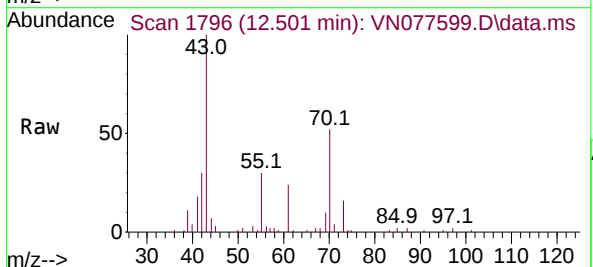
RT: 12.501 min Scan# 1796

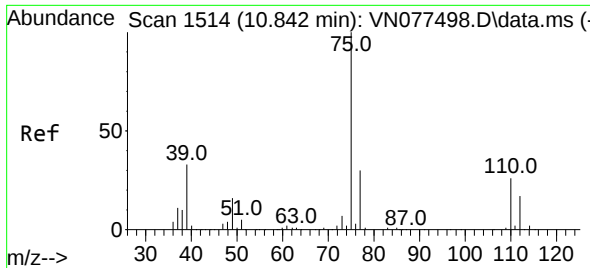
Delta R.T. 0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

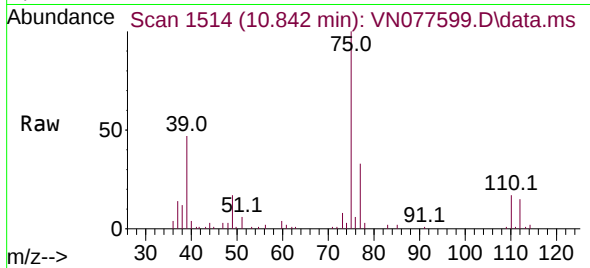
Tgt Ion:	43	Resp:	44836
Ion Ratio	Lower	Upper	
43	100		
55	30.4	22.2	33.2





#48
 t-1,3-Dichloropropene
 Concen: 3.195 ug/l
 RT: 10.842 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

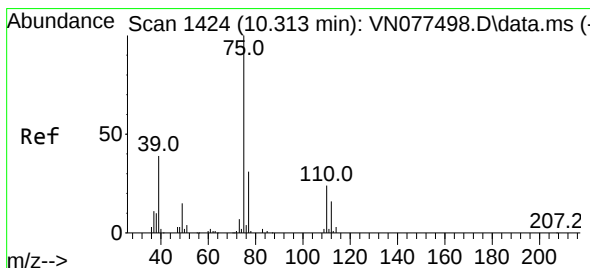
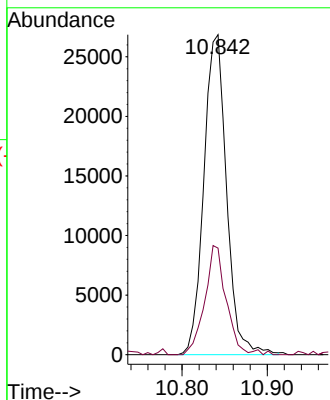
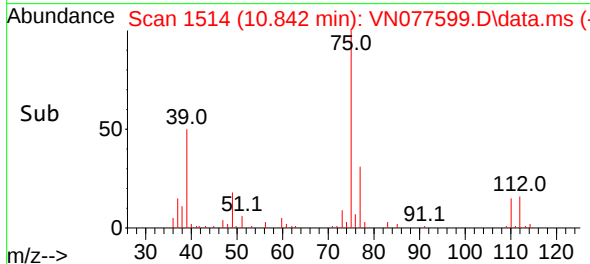
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005



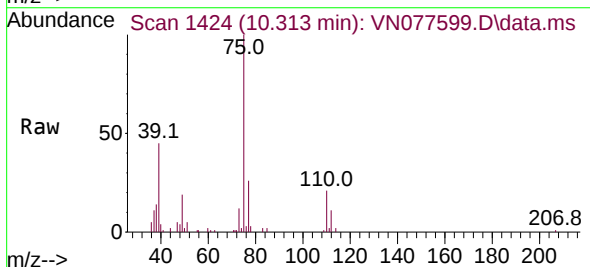
Tgt Ion: 75 Resp: 4989
 Ion Ratio Lower Upper
 75 100
 77 33.3 23.9 35.9

Manual Integrations
 APPROVED

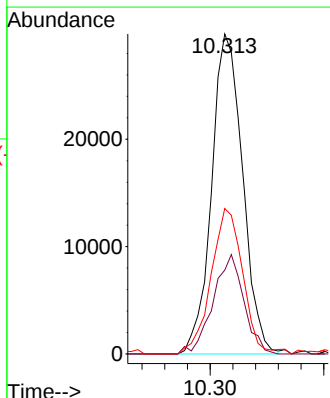
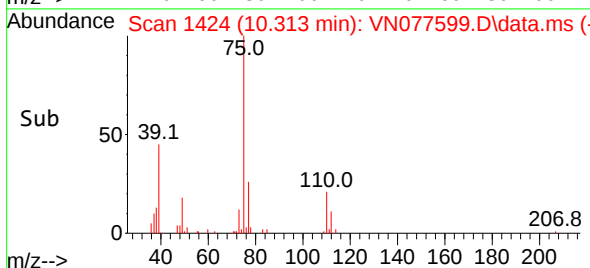
Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023

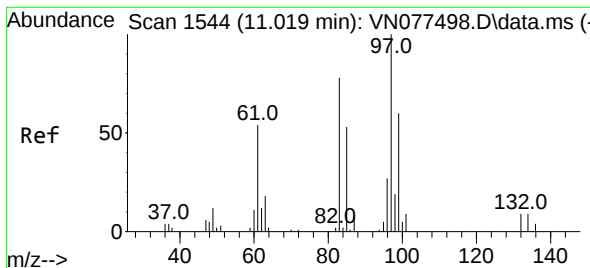


#49
 cis-1,3-Dichloropropene
 Concen: 3.352 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54



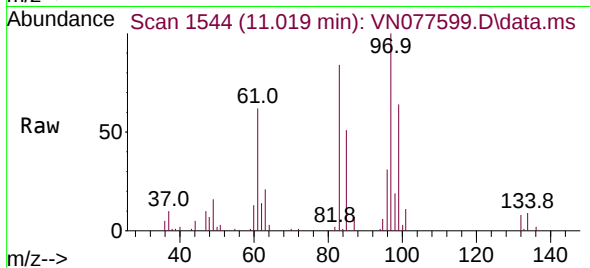
Tgt Ion: 75 Resp: 56493
 Ion Ratio Lower Upper
 75 100
 77 26.2 25.8 38.8
 39 45.5 28.5 42.7#





#50
1,1,2-Trichloroethane
Concen: 3.634 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

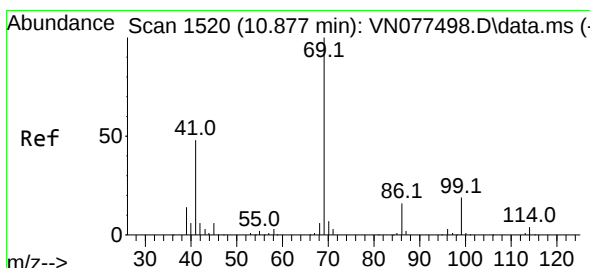
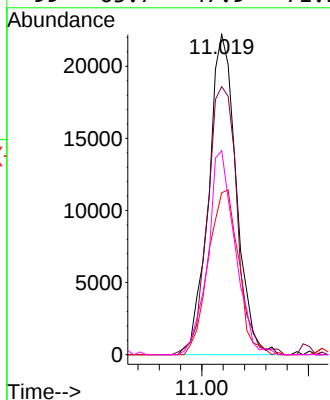
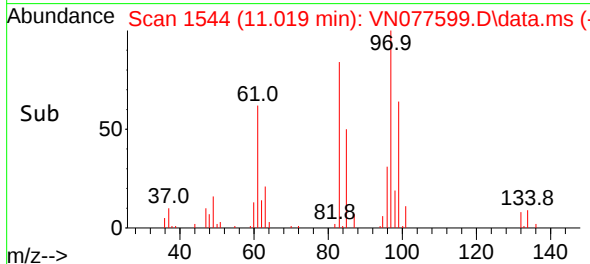
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion:	97	Resp:	4005
Ion	Ratio	Lower	Upper
97	100		
83	82.9	67.0	100.6
85	50.6	41.6	62.4
99	63.7	47.9	71.9

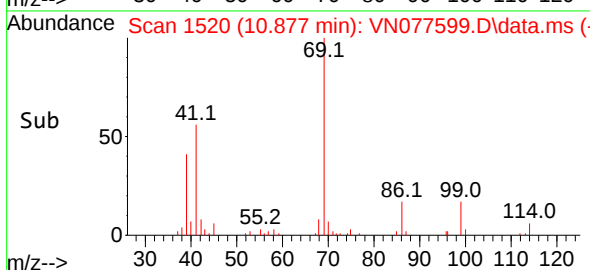
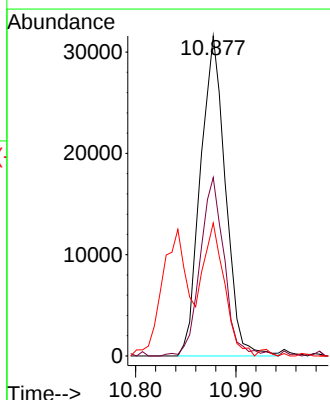
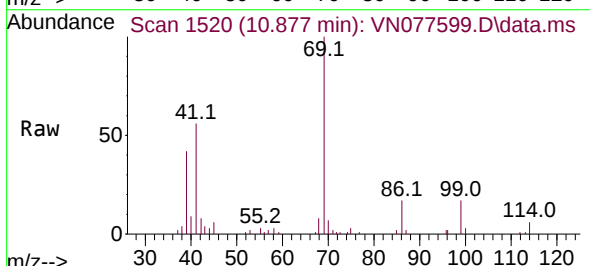
Manual Integrations
APPROVED

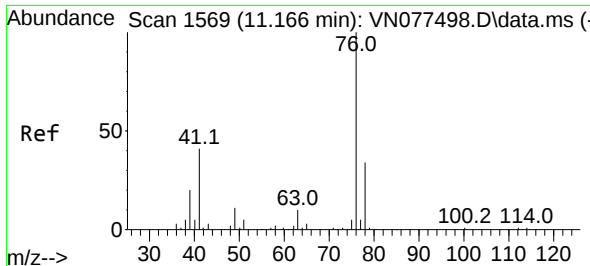
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#51
Ethyl methacrylate
Concen: 3.587 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:	69	Resp:	54744
Ion	Ratio	Lower	Upper
69	100		
41	55.7	22.5	67.5
39	41.6	16.2	48.5





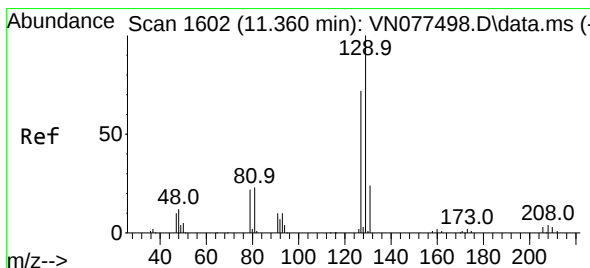
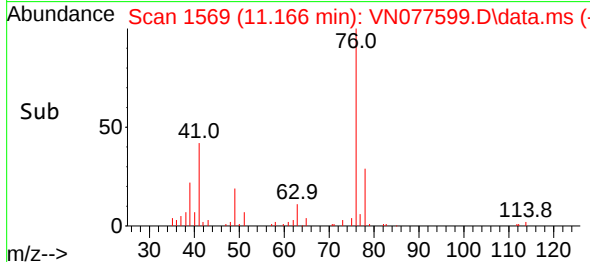
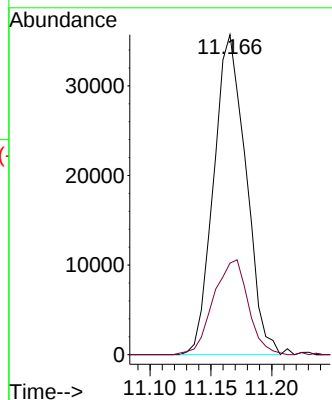
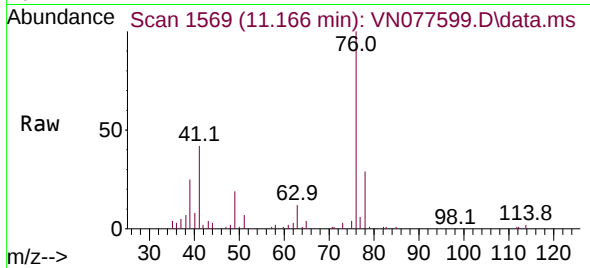
#52
1,3-Dichloropropane
Concen: 3.670 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 76 Resp: 65652
Ion Ratio Lower Upper
76 100
78 32.0 0.0 64.4

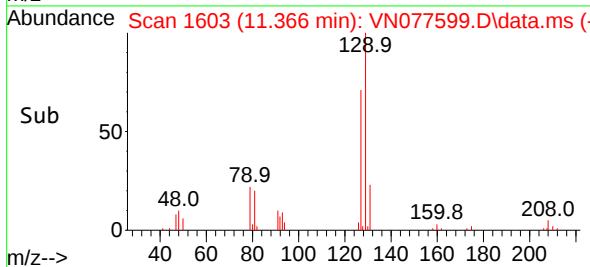
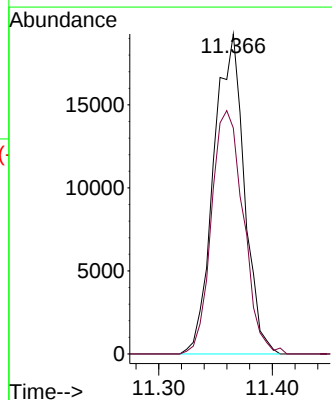
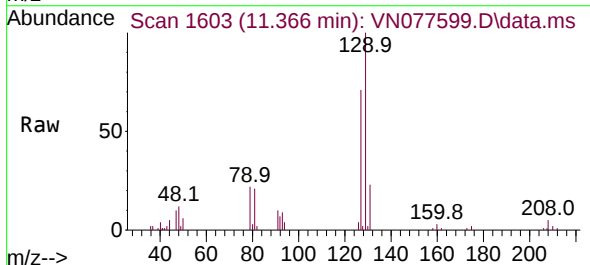
Manual Integrations
APPROVED

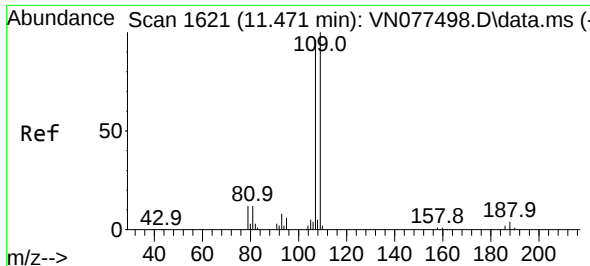
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#53
Dibromochloromethane
Concen: 3.175 ug/l
RT: 11.366 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:129 Resp: 36037
Ion Ratio Lower Upper
129 100
127 79.4 38.2 114.6





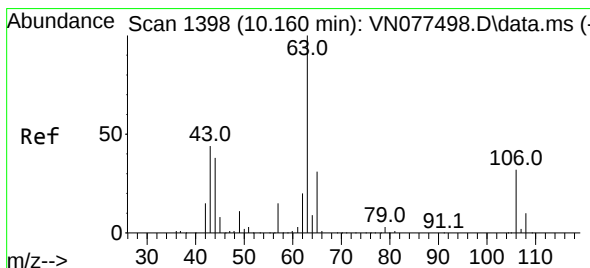
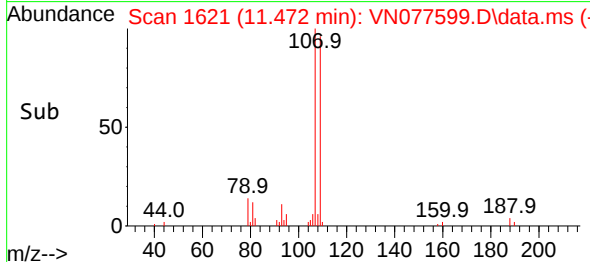
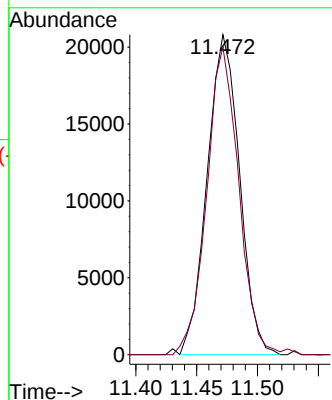
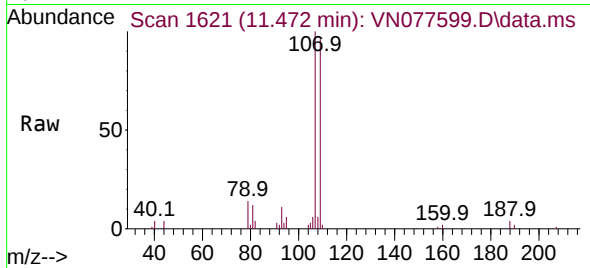
#54
1,2-Dibromoethane
Concen: 3.415 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.001 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:107 Resp: 38529
Ion Ratio Lower Upper
107 100
109 94.8 73.8 110.6

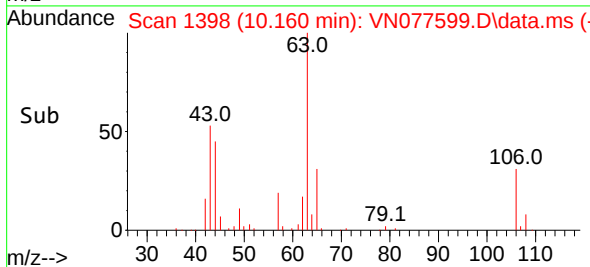
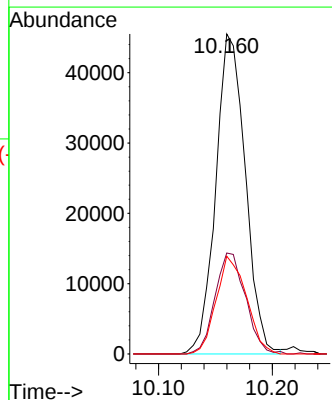
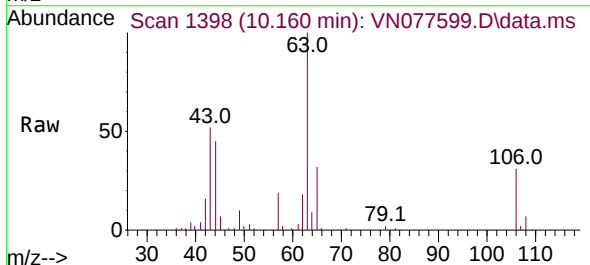
Manual Integrations
APPROVED

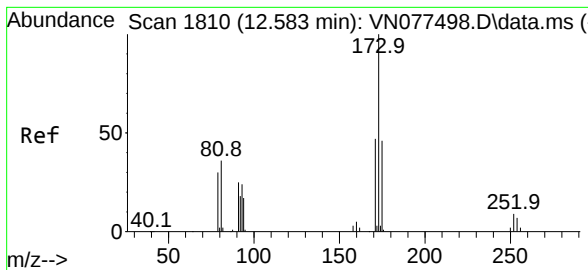
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#55
2-Chloroethyl vinyl ether
Concen: 16.418 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

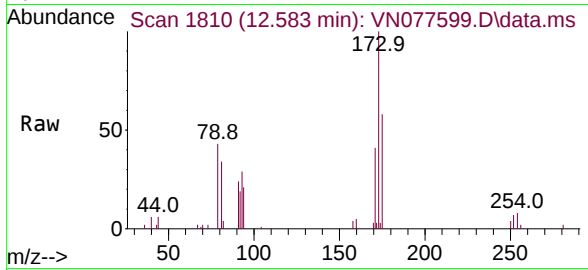
Tgt Ion: 63 Resp: 82220
Ion Ratio Lower Upper
63 100
65 32.3 25.8 38.6
106 31.3 26.2 39.2





#56
Bromoform
Concen: 2.968 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

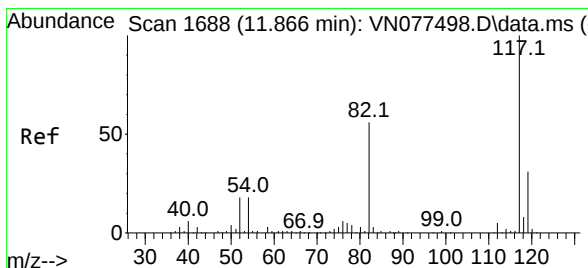
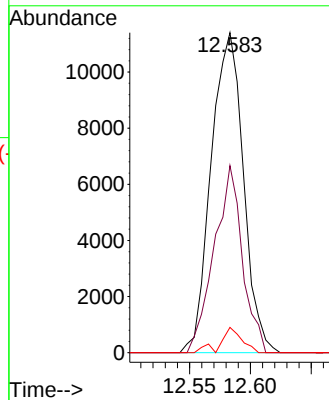
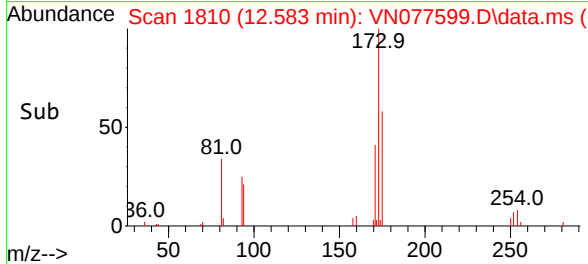
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



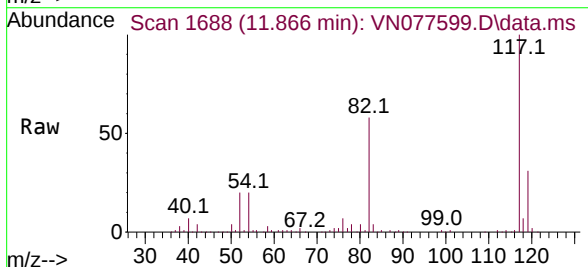
Tgt Ion:173 Resp: 2101
Ion Ratio Lower Upper
173 100
175 51.2 40.3 60.5
254 4.4 5.0 7.6

Manual Integrations
APPROVED

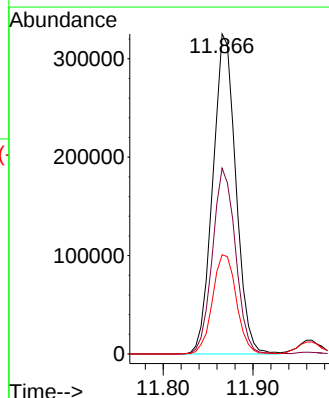
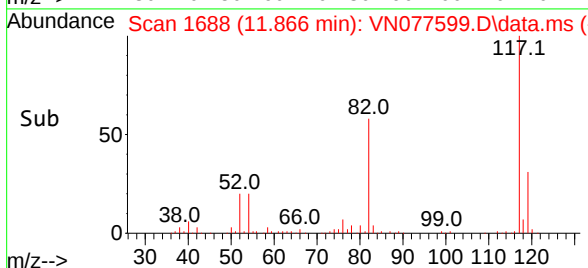
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

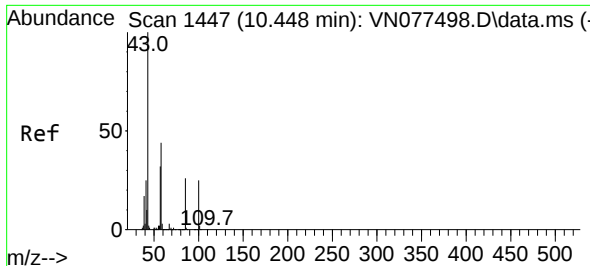


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54



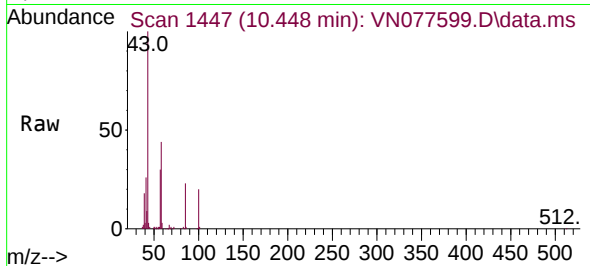
Tgt Ion:117 Resp: 580767
Ion Ratio Lower Upper
117 100
82 58.1 44.2 66.2
119 32.1 25.4 38.2





#58
4-Methyl-2-Pentanone
Concen: 25.091 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

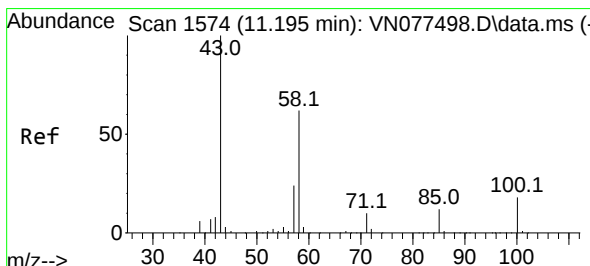
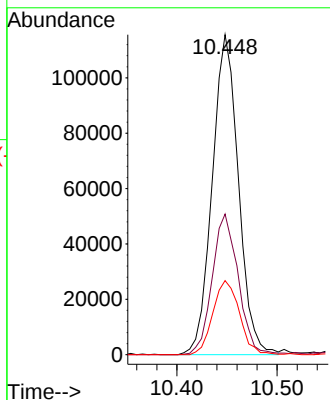
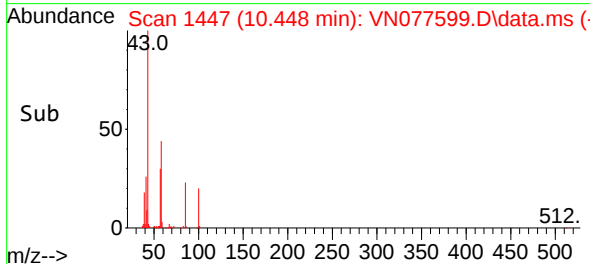
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



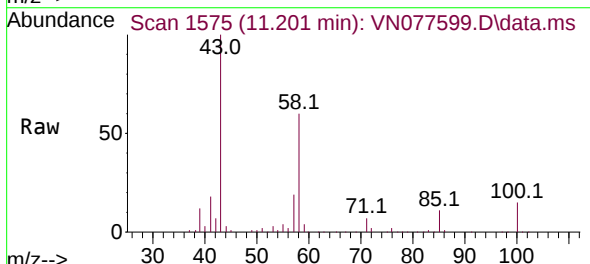
Tgt Ion: 43 Resp: 20986
Ion Ratio Lower Upper
43 100
58 43.7 37.2 55.8
85 23.5 21.1 31.7

Manual Integrations
APPROVED

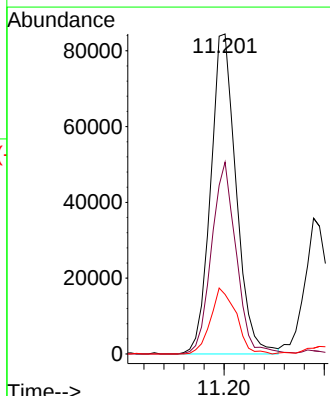
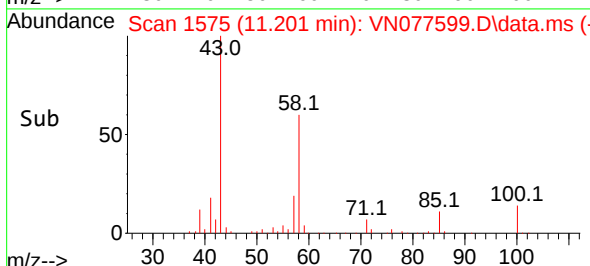
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

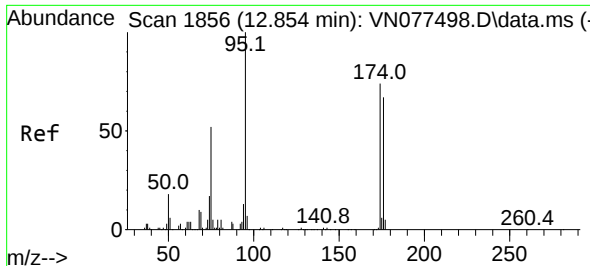


#59
2-Hexanone
Concen: 24.262 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54



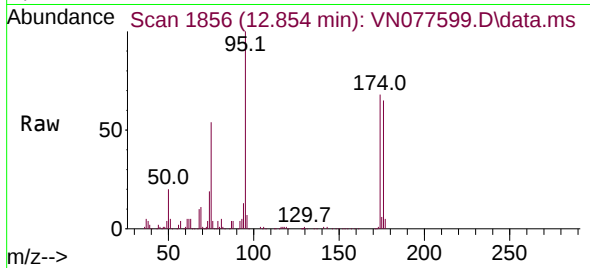
Tgt Ion: 43 Resp: 149507
Ion Ratio Lower Upper
43 100
58 56.4 51.8 77.8
57 20.6 18.2 27.4





#60
4-Bromofluorobenzene
Concen: 25.609 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

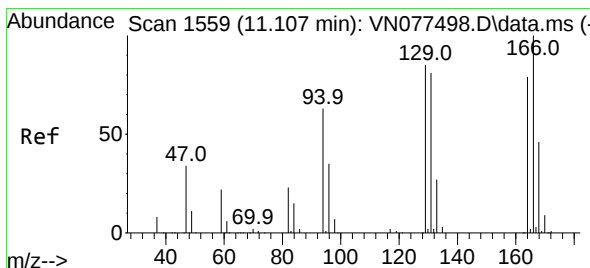
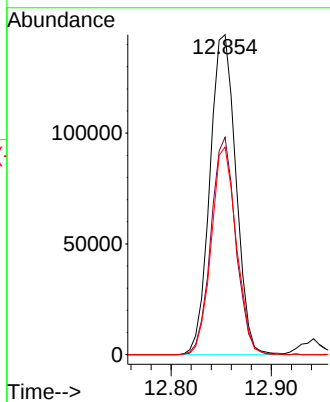
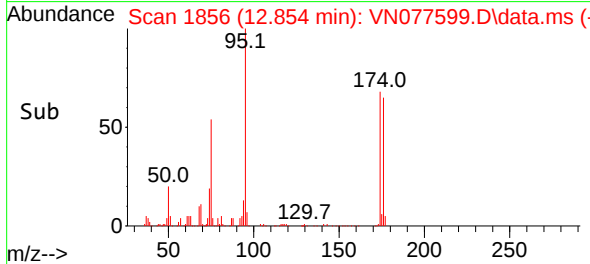
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



Tgt Ion: 95 Resp: 260572
Ion Ratio Lower Upper
95 100
174 64.6 55.9 83.9
176 62.6 53.9 80.9

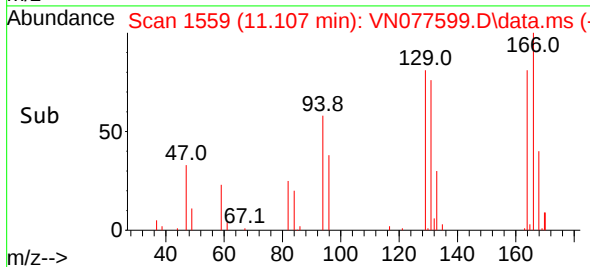
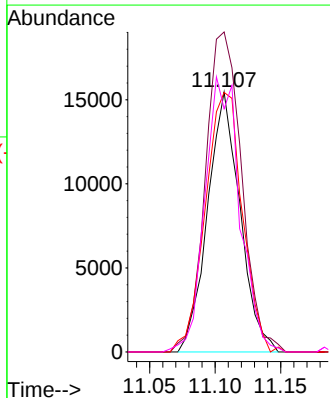
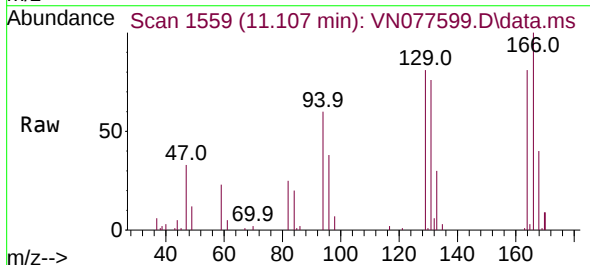
Manual Integrations
APPROVED

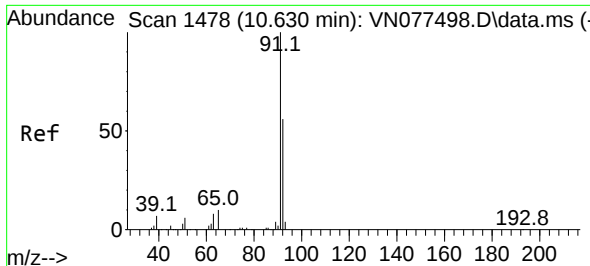
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#61
Tetrachloroethene
Concen: 3.925 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:164 Resp: 26624
Ion Ratio Lower Upper
164 100
166 120.2 94.5 141.7
129 98.0 80.2 120.2
131 92.0 79.8 119.8





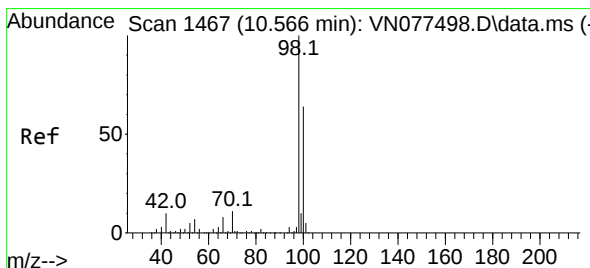
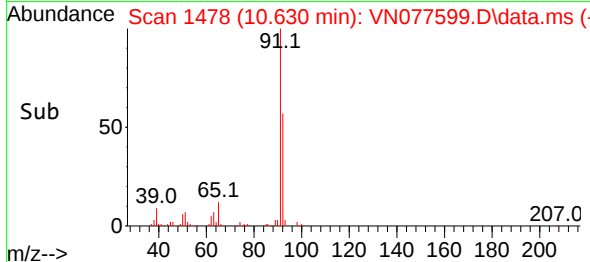
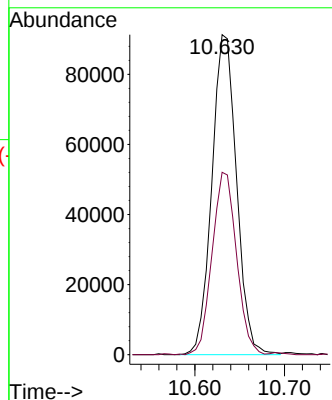
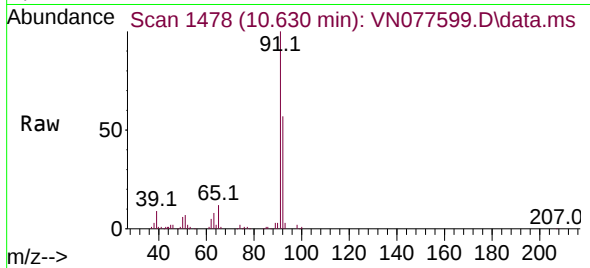
#62
Toluene
Concen: 4.474 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 174730
Ion Ratio Lower Upper
91 100
92 56.3 46.1 69.1

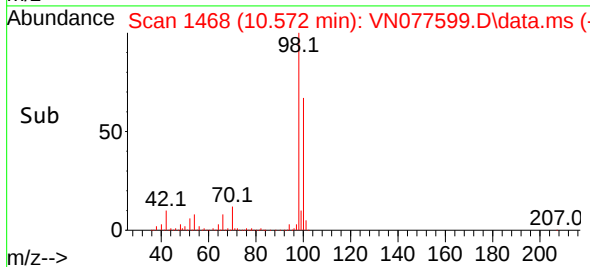
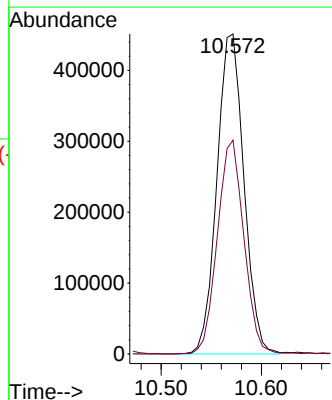
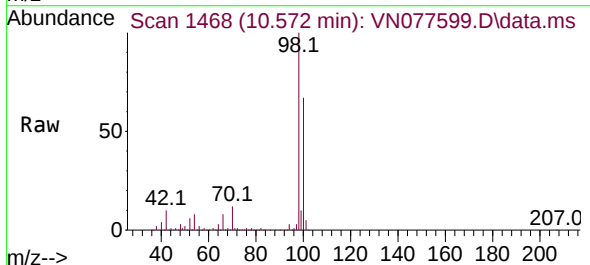
Manual Integrations
APPROVED

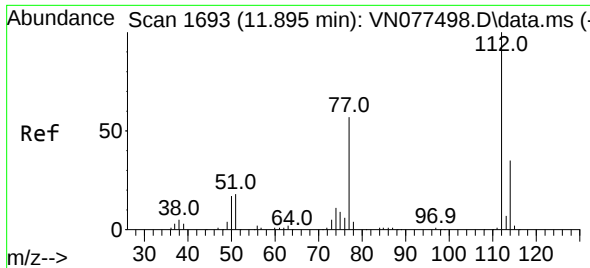
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#63
Toluene-d8
Concen: 41.253 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

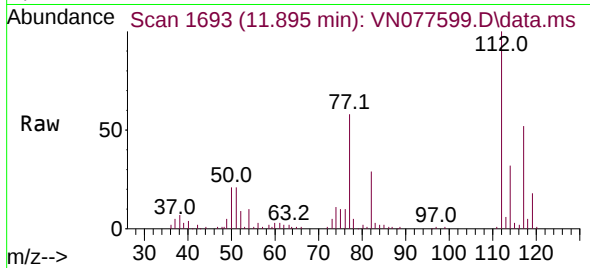
Tgt Ion: 98 Resp: 844240
Ion Ratio Lower Upper
98 100
100 65.4 51.0 76.4





#64
Chlorobenzene
Concen: 4.132 ug/l
RT: 11.895 min Scan# 11895
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

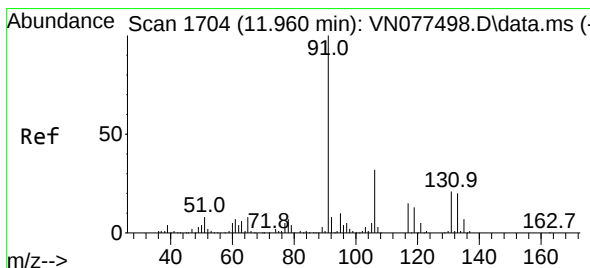
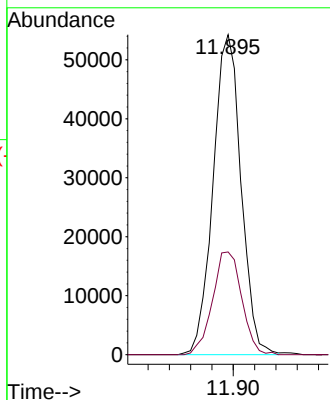
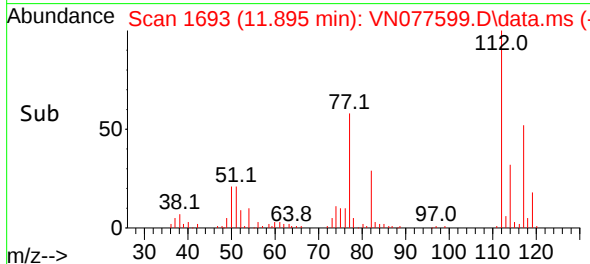
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



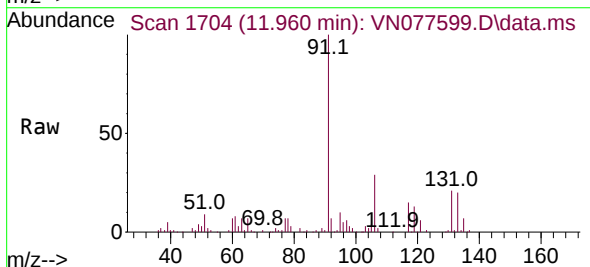
Tgt Ion:112 Resp: 98600
Ion Ratio Lower Upper
112 100
114 32.1 23.9 35.9

Manual Integrations
APPROVED

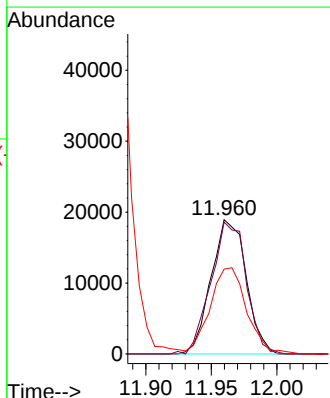
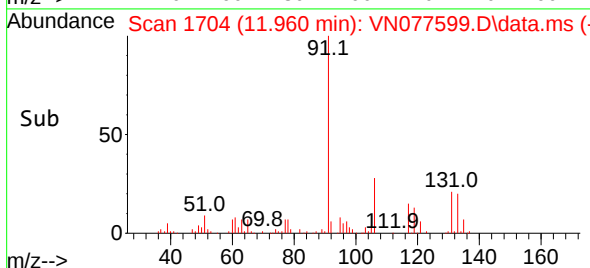
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

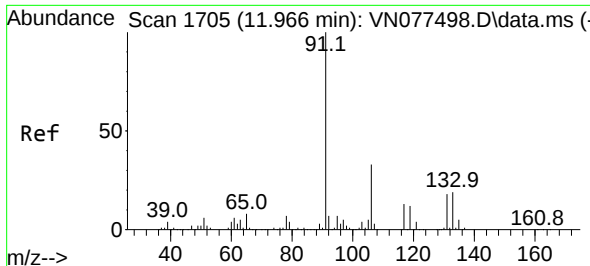


#65
1,1,1,2-Tetrachloroethane
Concen: 4.126 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54



Tgt Ion:131 Resp: 35183
Ion Ratio Lower Upper
131 100
133 98.5 0.0 191.4
119 65.9 0.0 137.2





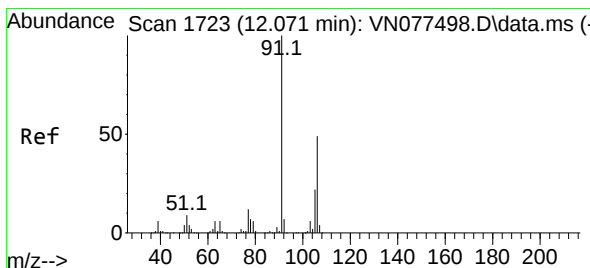
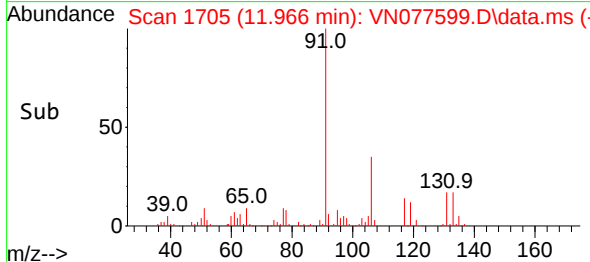
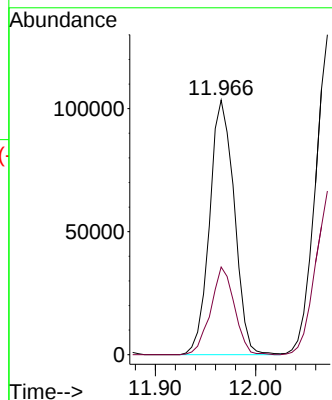
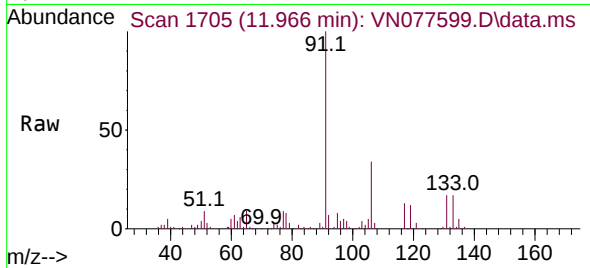
#66
Ethyl Benzene
Concen: 4.146 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 91 Resp: 17682
Ion Ratio Lower Upper
91 100
106 34.5 24.9 37.3

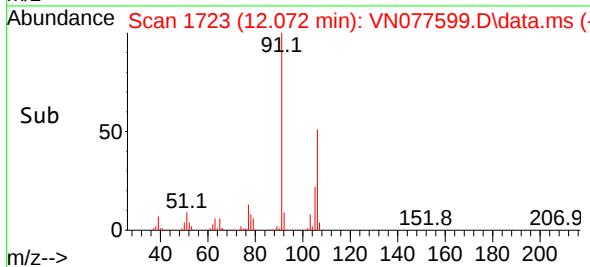
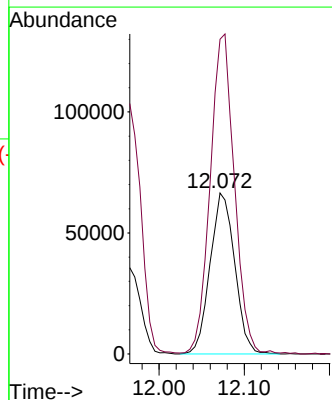
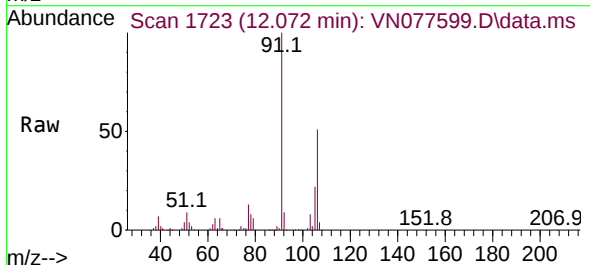
Manual Integrations
APPROVED

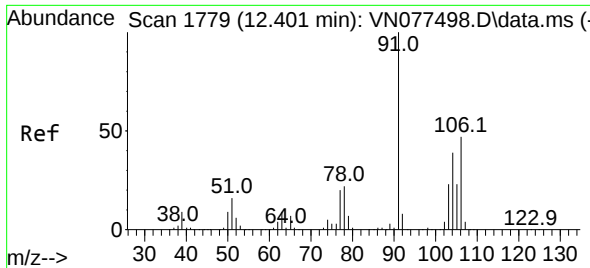
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#67
m/p-Xylenes
Concen: 8.057 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:106 Resp: 133805
Ion Ratio Lower Upper
106 100
91 195.1 157.9 236.9





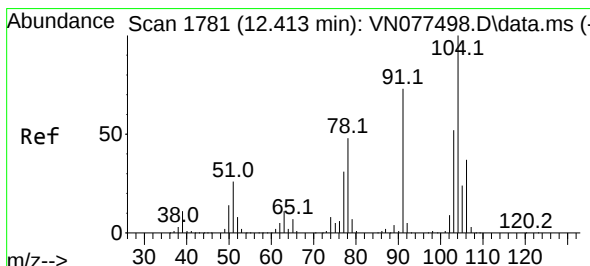
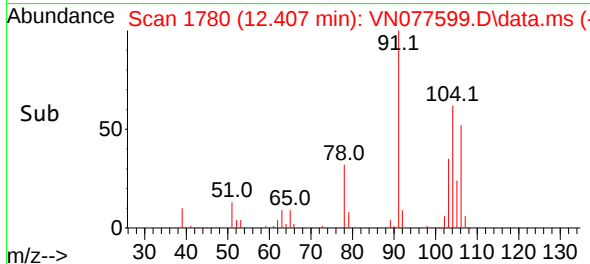
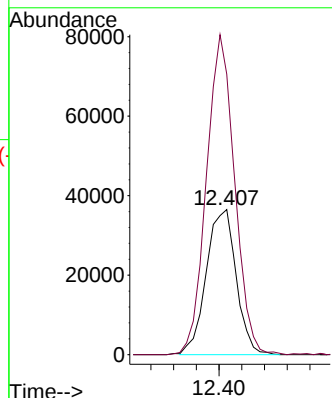
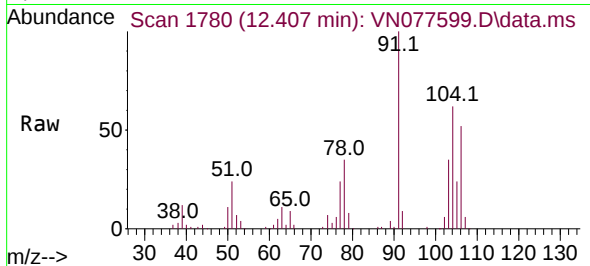
#68
o-Xylene
Concen: 4.052 ug/l
RT: 12.407 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:106 Resp: 6684
Ion Ratio Lower Upper
106 100
91 207.7 104.6 313.8

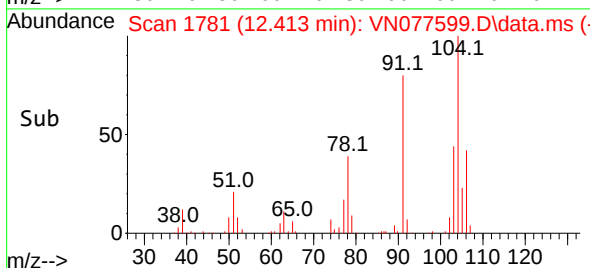
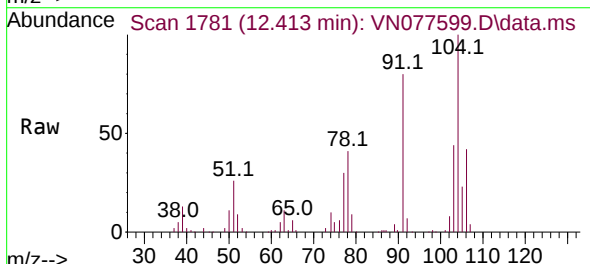
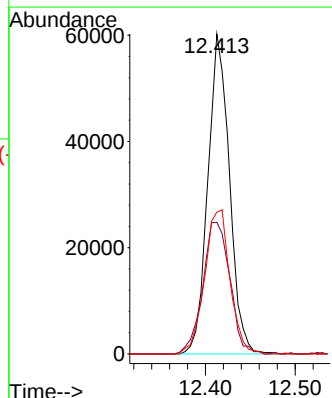
Manual Integrations
APPROVED

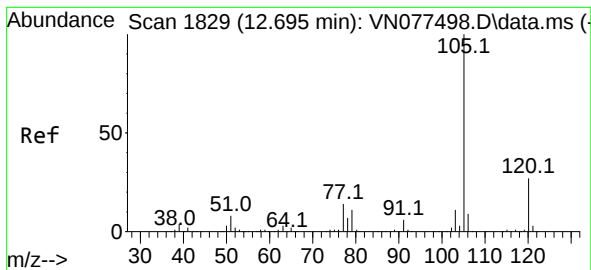
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#69
Styrene
Concen: 3.930 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:104 Resp: 100812
Ion Ratio Lower Upper
104 100
78 51.4 39.3 58.9
103 52.9 44.6 66.8





#70

Isopropylbenzene

Concen: 3.960 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

Tgt Ion:105 Resp: 16582

Ion Ratio Lower Upper

105 100

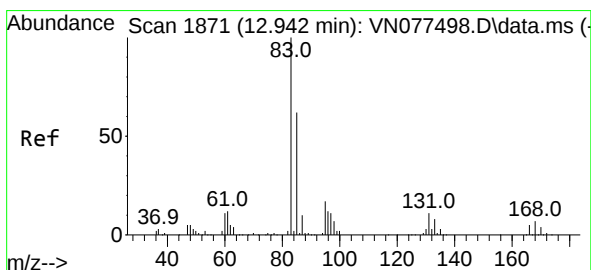
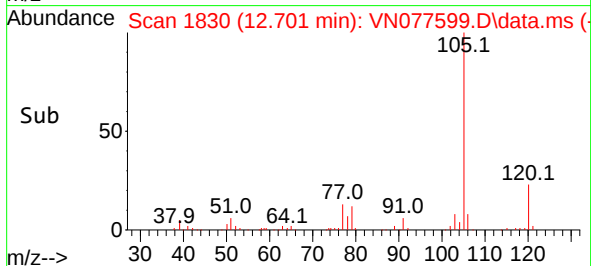
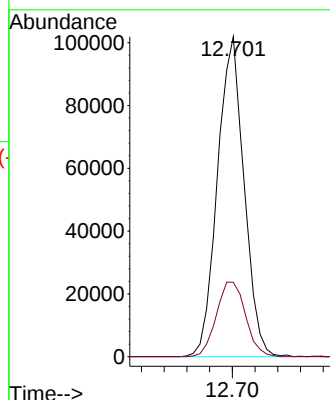
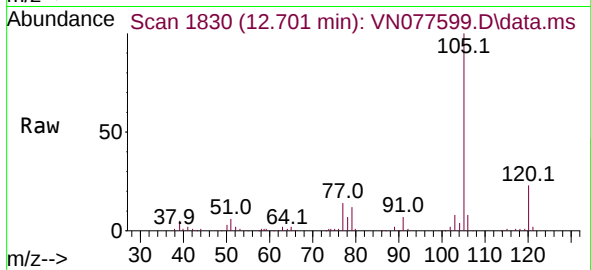
120 25.5 18.7 34.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#71

1,1,2,2-Tetrachloroethane

Concen: 4.392 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

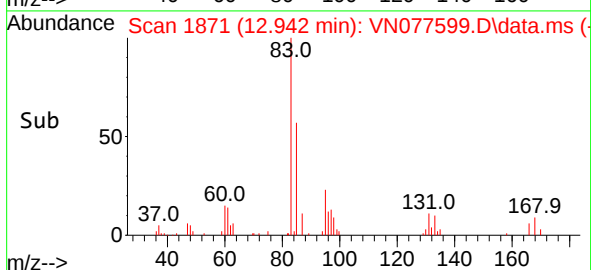
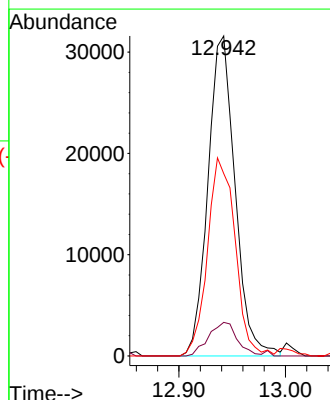
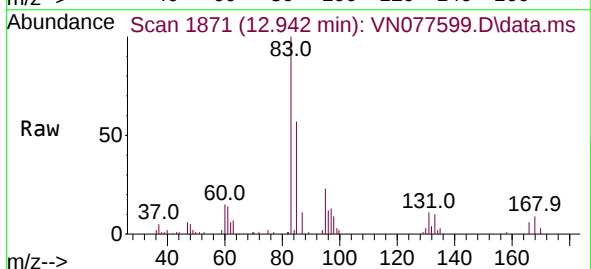
Tgt Ion: 83 Resp: 56019

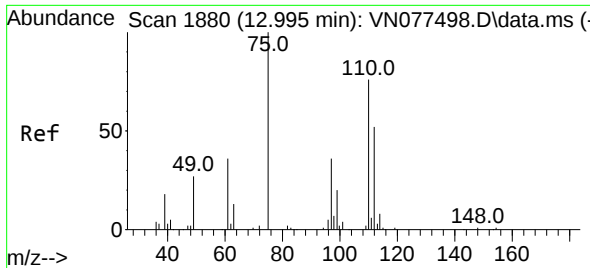
Ion Ratio Lower Upper

83 100

131 11.1 4.8 14.3

85 63.0 31.6 94.8





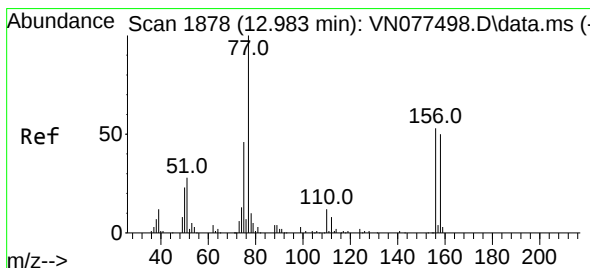
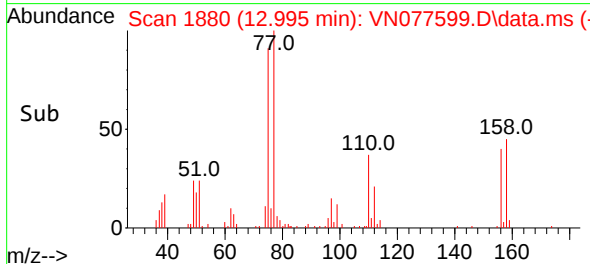
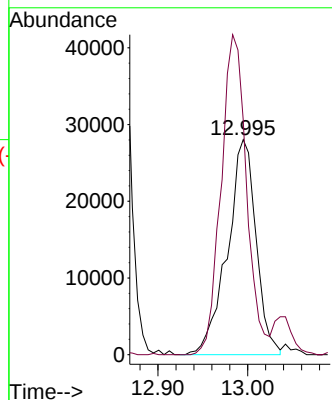
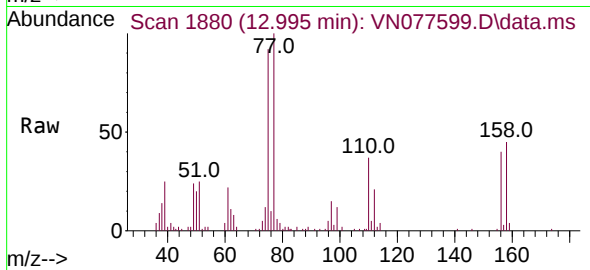
#72
1,2,3-Trichloropropane
Concen: 5.741 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 75 Resp: 6229
Ion Ratio Lower Upper
75 100
77 132.3 0.0 367.2

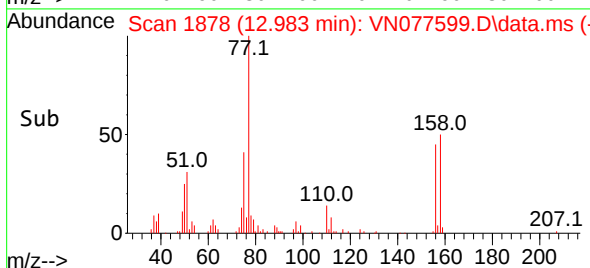
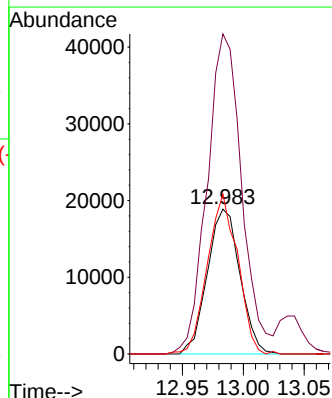
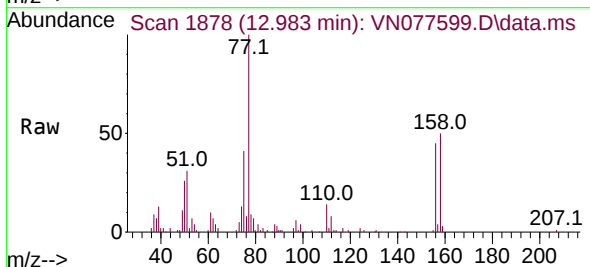
Manual Integrations
APPROVED

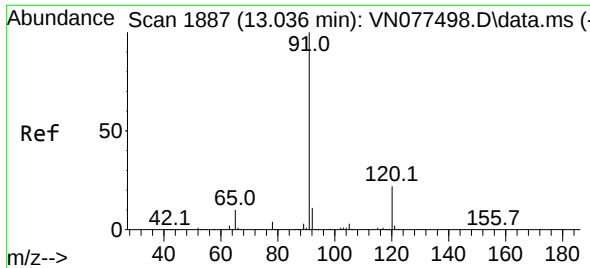
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#73
Bromobenzene
Concen: 3.913 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:156 Resp: 35233
Ion Ratio Lower Upper
156 100
77 234.0 0.0 431.6
158 102.1 0.0 192.4





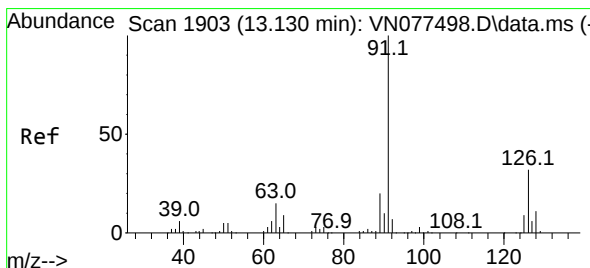
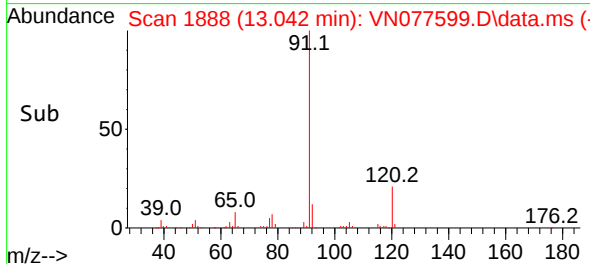
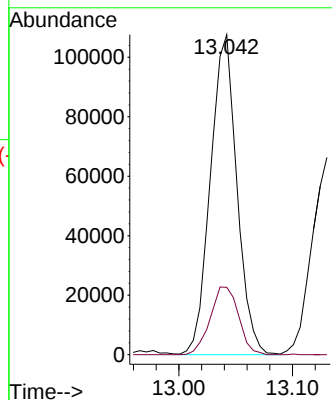
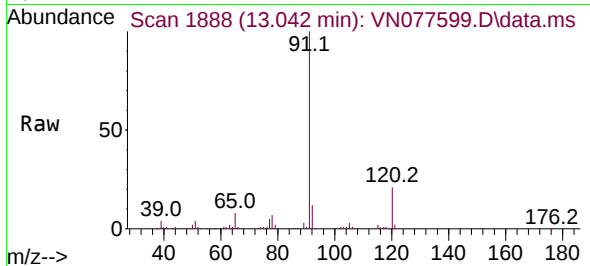
#74
n-propylbenzene
Concen: 3.747 ug/l
RT: 13.042 min Scan# 1887
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion: 91 Resp: 17457
Ion Ratio Lower Upper
91 100
120 22.6 0.0 46.4

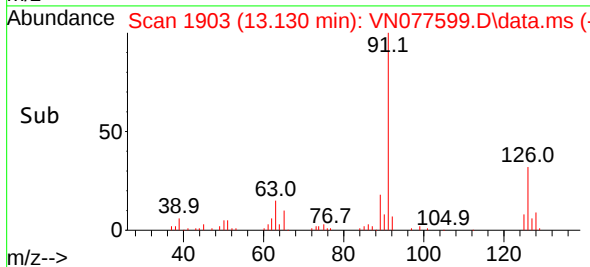
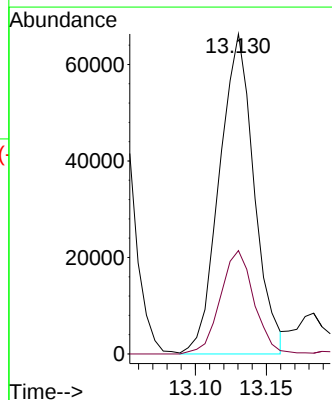
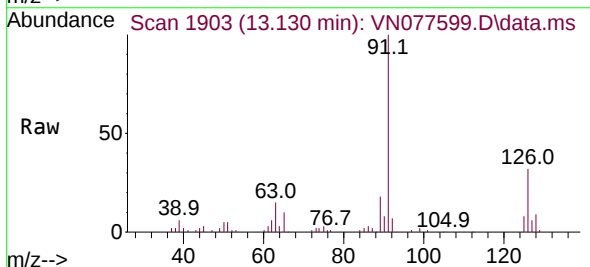
Manual Integrations
APPROVED

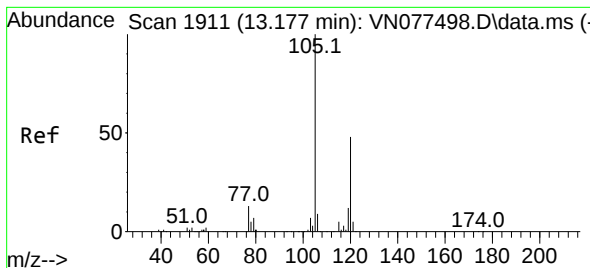
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#75
2-Chlorotoluene
Concen: 3.922 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 91 Resp: 112719
Ion Ratio Lower Upper
91 100
126 31.4 0.0 65.2





#76

1,3,5-Trimethylbenzene

Concen: 3.342 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:105 Resp: 107872

Ion Ratio Lower Upper

105 100

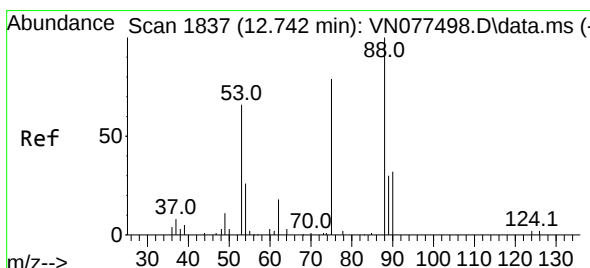
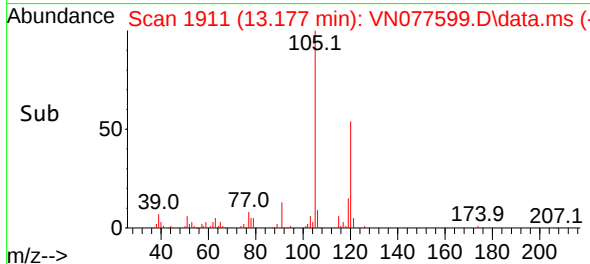
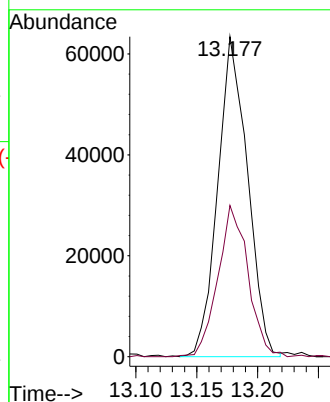
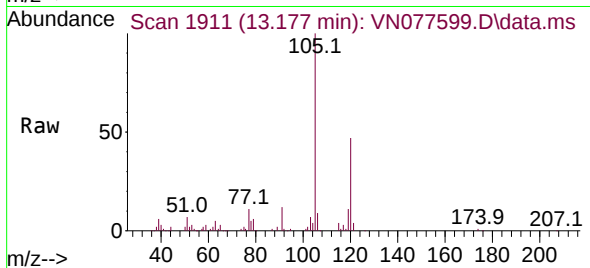
120 47.5 0.0 93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#77

t-1,4-Dichloro-2-butene

Concen: 3.103 ug/l

RT: 12.736 min Scan# 1836

Delta R.T. -0.006 min

Lab File: VN077599.D

Acq: 05 May 2023 18:54

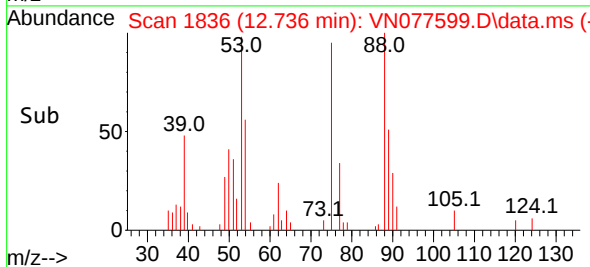
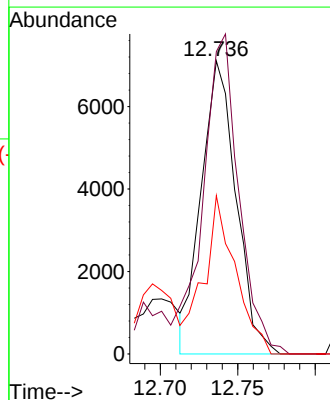
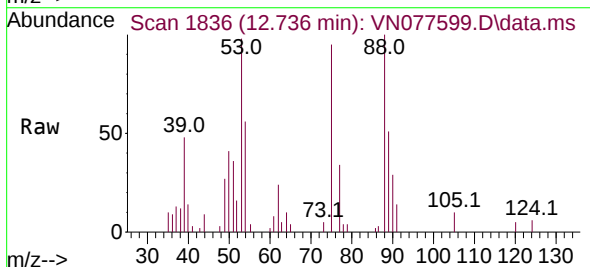
Tgt Ion: 75 Resp: 11121

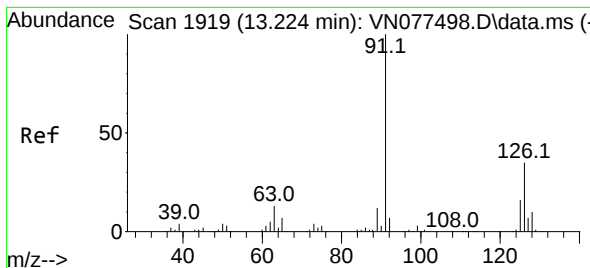
Ion Ratio Lower Upper

75 100

53 100.7 38.2 114.6

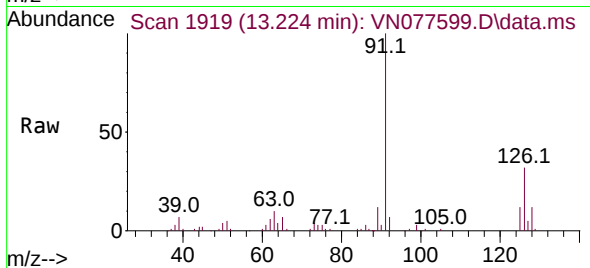
89 54.0 22.1 66.1





#78
4-Chlorotoluene
Concen: 3.803 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

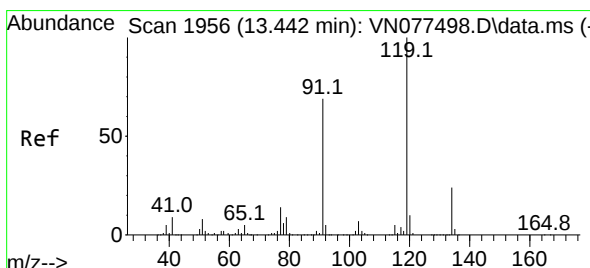
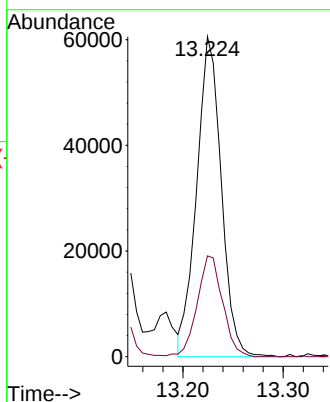
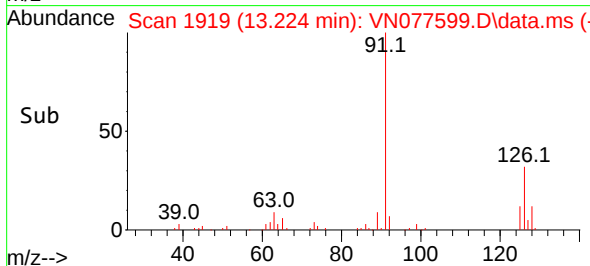
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



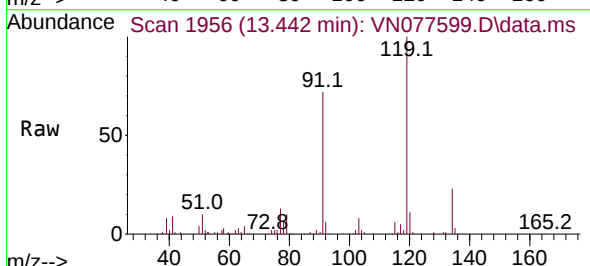
Tgt Ion: 91 Resp: 103460
Ion Ratio Lower Upper
91 100
126 32.4 0.0 65.6

Manual Integrations
APPROVED

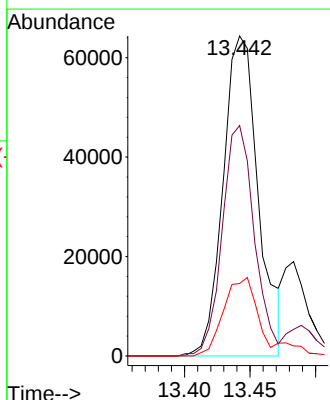
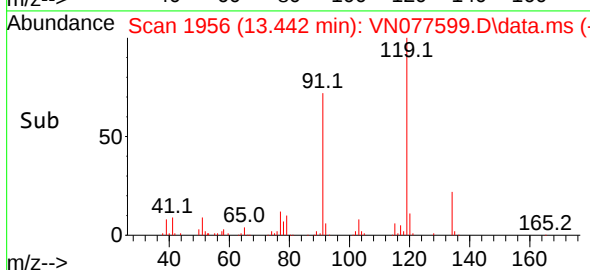
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

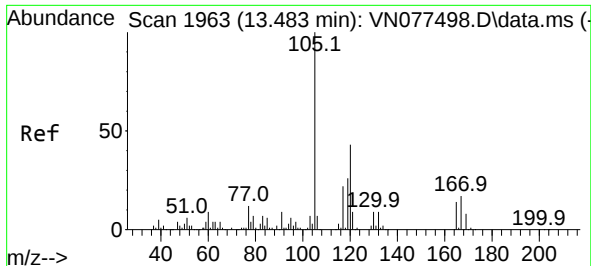


#79
tert-butylbenzene
Concen: 4.031 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54



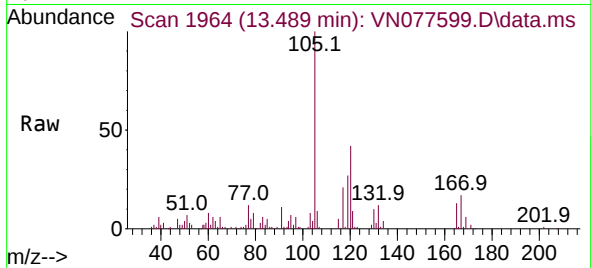
Tgt Ion:119 Resp: 120366
Ion Ratio Lower Upper
119 100
91 65.6 0.0 139.4
134 23.0 0.0 49.2





#80
1,2,4-Trimethylbenzene
Concen: 3.110 ug/l
RT: 13.489 min Scan# 1963
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

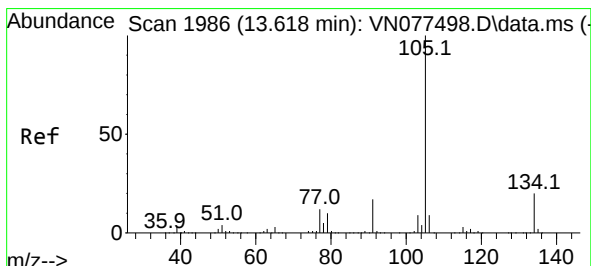
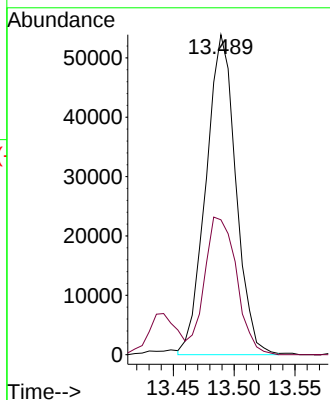
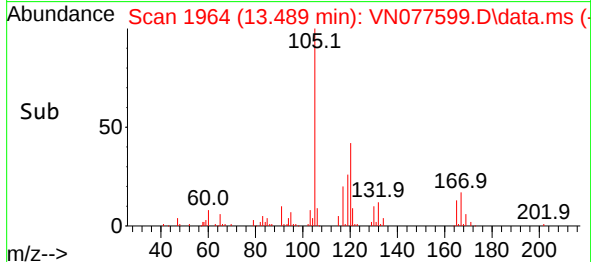
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



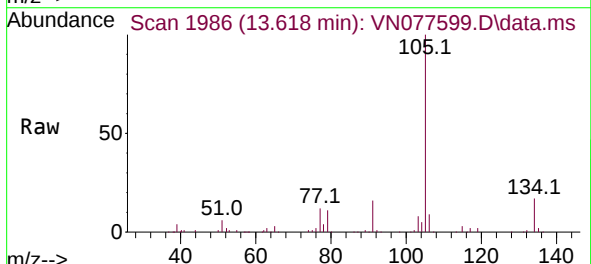
Tgt Ion:105 Resp: 92324
Ion Ratio Lower Upper
105 100
120 46.0 0.0 87.8

Manual Integrations
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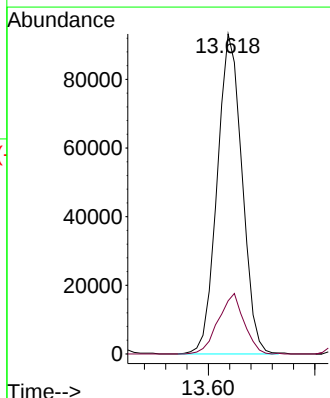
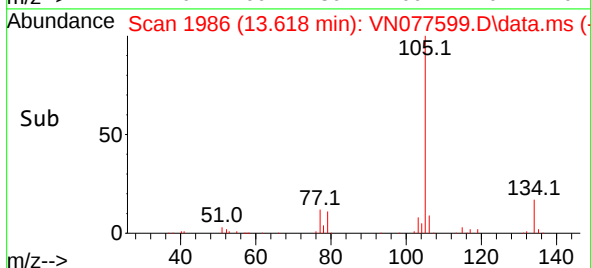
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

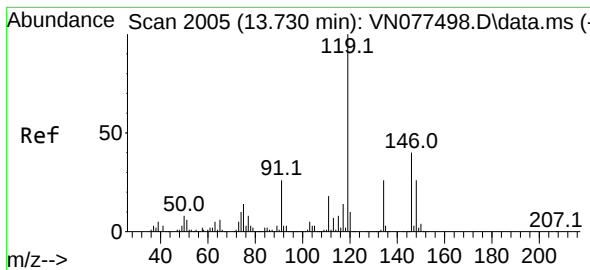


#81
sec-Butylbenzene
Concen: 3.629 ug/l
RT: 13.618 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54



Tgt Ion:105 Resp: 151051
Ion Ratio Lower Upper
105 100
134 19.5 0.0 38.4





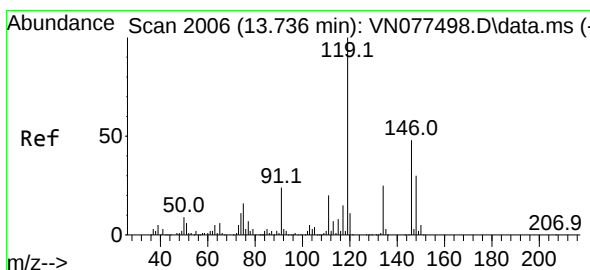
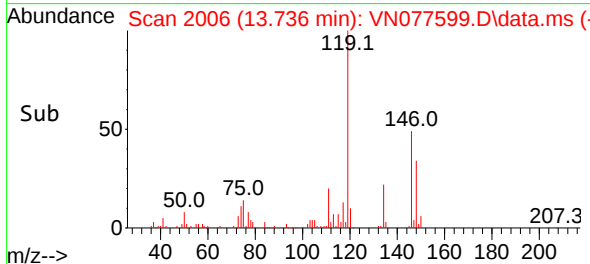
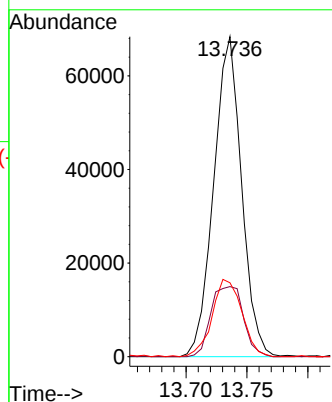
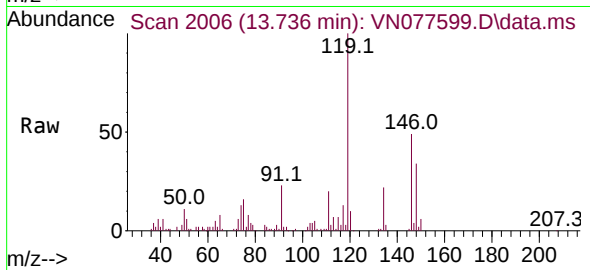
#82
p-Isopropyltoluene
Concen: 3.334 ug/l
RT: 13.736 min Scan# 2005
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:119 Resp: 10876
Ion Ratio Lower Upper
119 100
134 25.6 0.0 52.4
91 25.8 0.0 50.6

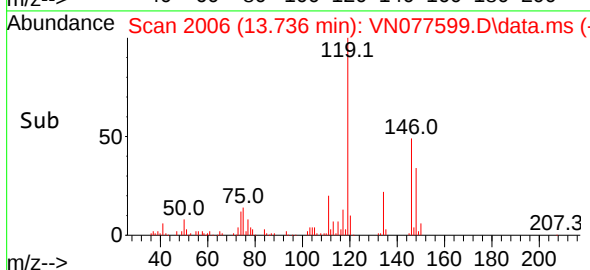
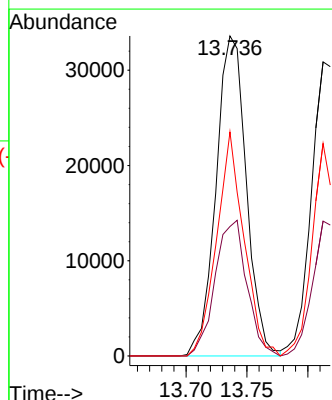
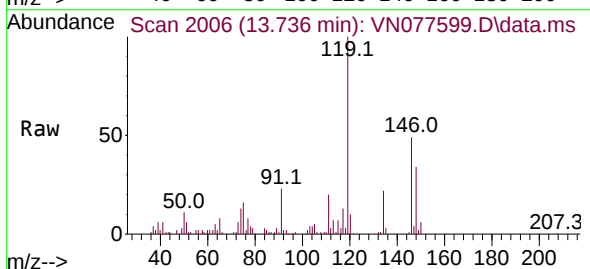
Manual Integrations
APPROVED

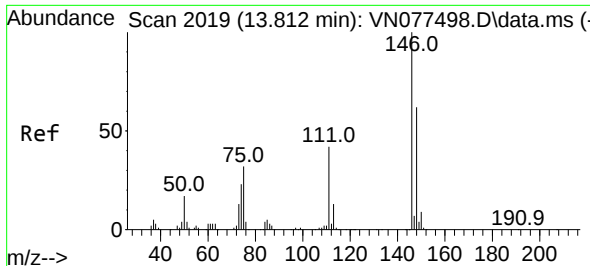
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#83
1,3-Dichlorobenzene
Concen: 3.703 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion:146 Resp: 58335
Ion Ratio Lower Upper
146 100
111 44.3 22.1 66.5
148 62.9 31.8 95.4





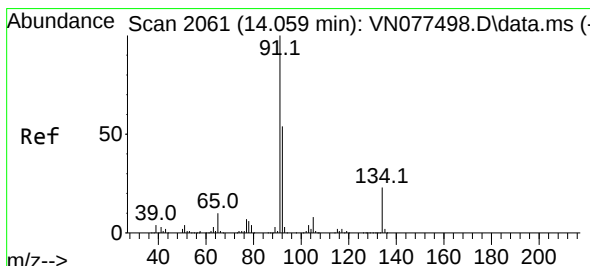
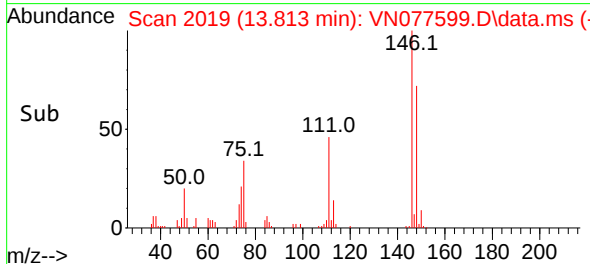
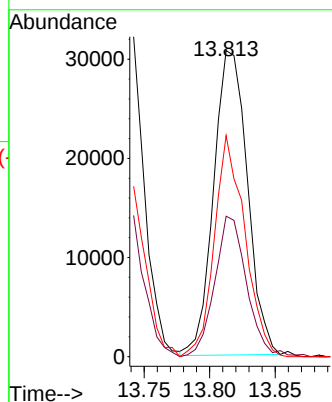
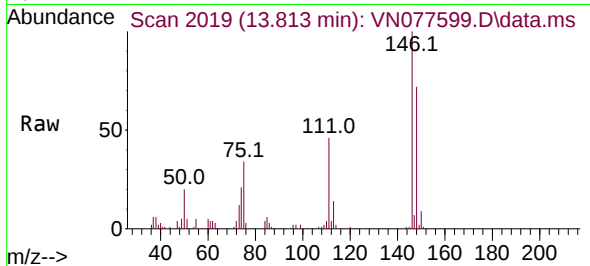
#84
1,4-Dichlorobenzene
Concen: 3.531 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. 0.001 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:146 Resp: 54958
Ion Ratio Lower Upper
146 100
111 43.6 20.9 62.7
148 65.6 31.6 94.7

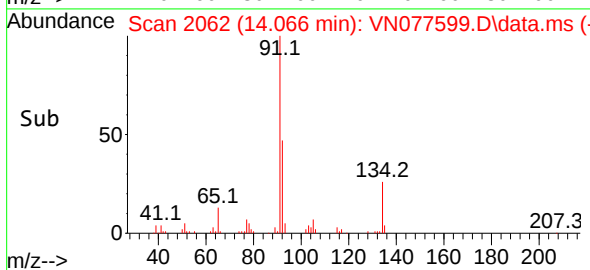
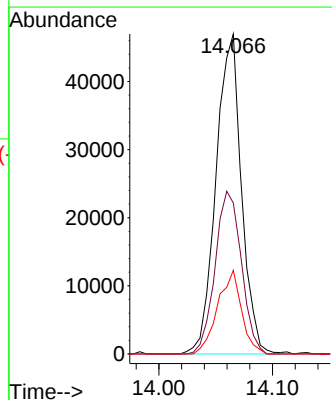
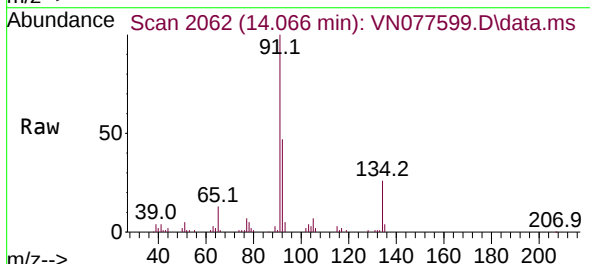
Manual Integrations
APPROVED

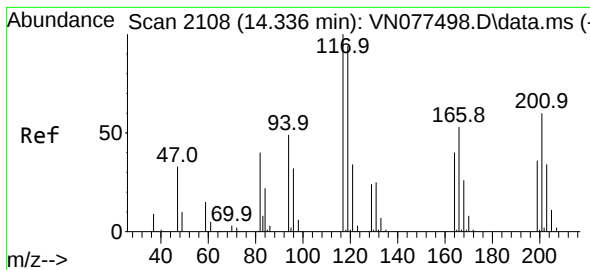
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#85
n-Butylbenzene
Concen: 2.899 ug/l
RT: 14.066 min Scan# 2062
Delta R.T. 0.007 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Tgt Ion: 91 Resp: 73086
Ion Ratio Lower Upper
91 100
92 52.5 0.0 108.4
134 24.5 0.0 50.0





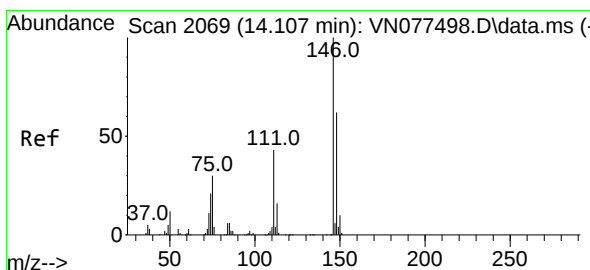
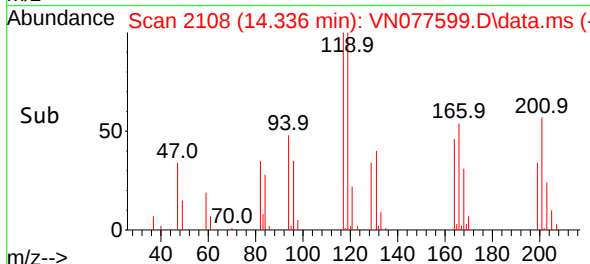
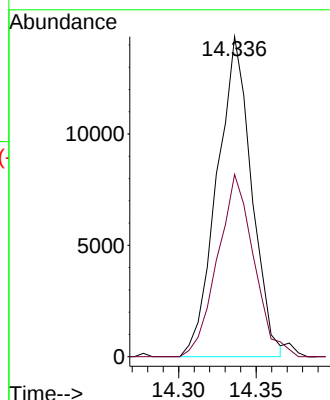
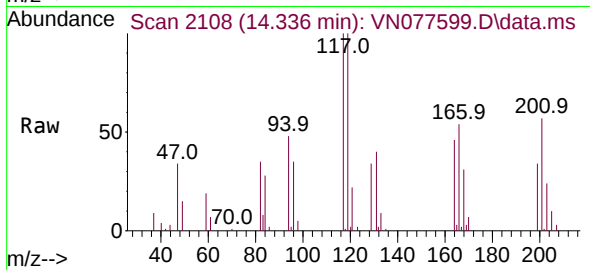
#86
Hexachloroethane
Concen: 3.373 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:117 Resp: 2228
Ion Ratio Lower Upper
117 100
201 59.7 27.4 82.2

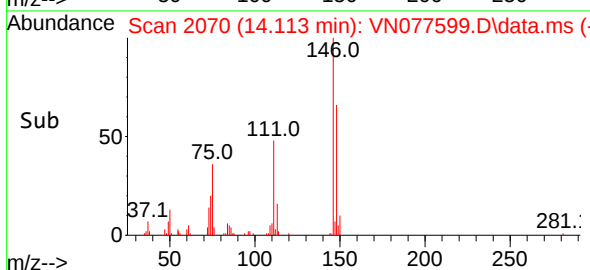
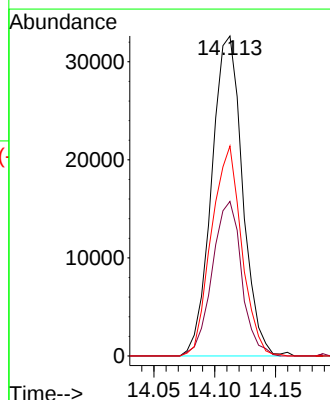
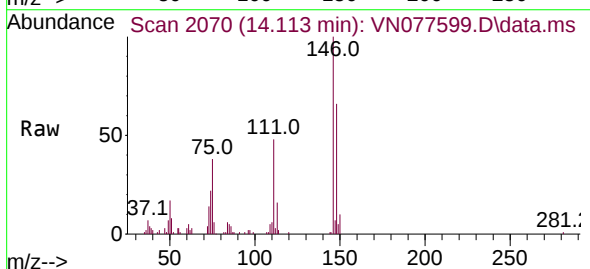
Manual Integrations
APPROVED

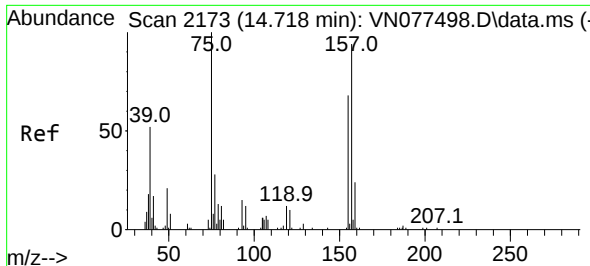
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#87
1,2-Dichlorobenzene
Concen: 3.592 ug/l
RT: 14.113 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

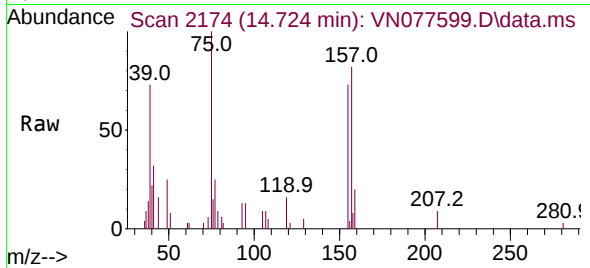
Tgt Ion:146 Resp: 57570
Ion Ratio Lower Upper
146 100
111 46.2 22.3 66.9
148 64.2 32.4 97.2





#88
1,2-Dibromo-3-Chloropropane
Concen: 4.254 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

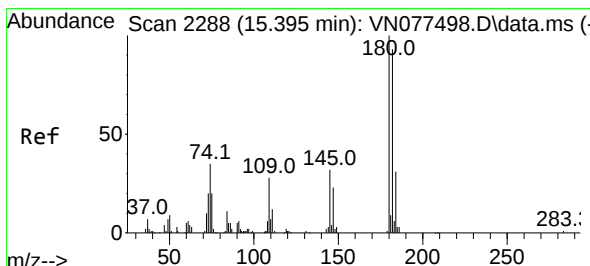
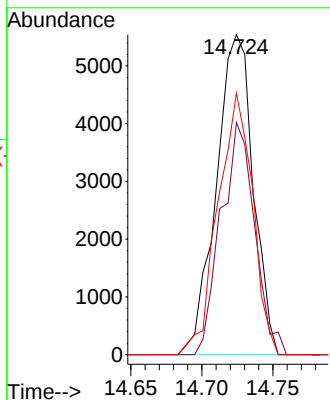
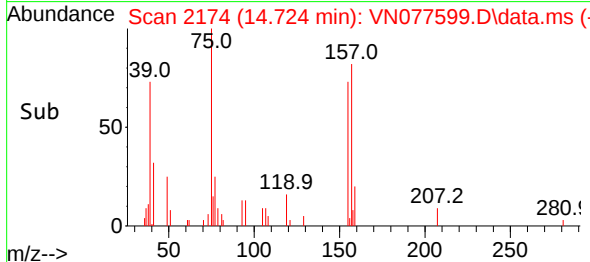
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



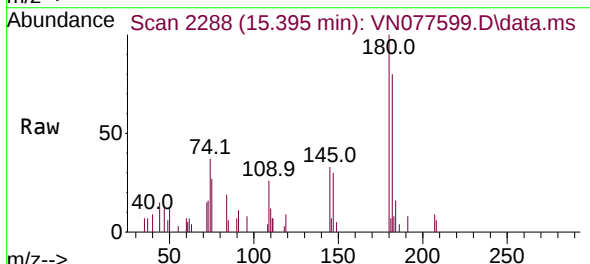
Tgt Ion: 75 Resp: 10029
Ion Ratio Lower Upper
75 100
155 66.0 63.0 94.4
157 75.0 79.5 119.3

Manual Integrations
APPROVED

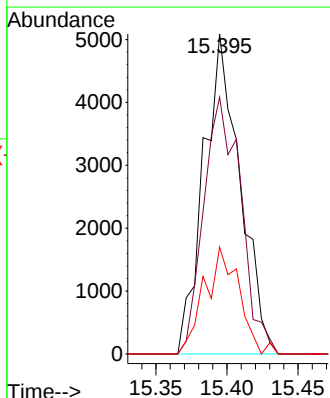
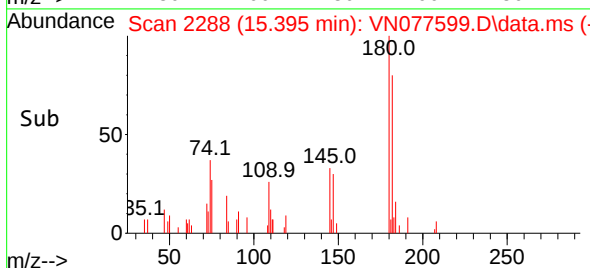
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

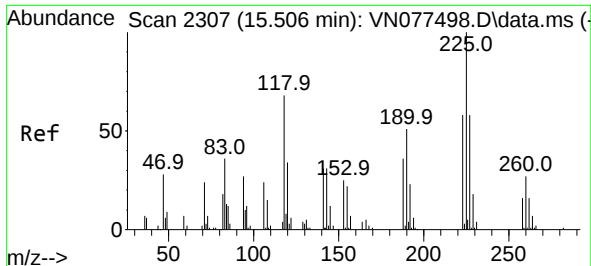


#89
1,2,4-Trichlorobenzene
Concen: 2.155 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54



Tgt Ion:180 Resp: 9063
Ion Ratio Lower Upper
180 100
182 81.9 78.7 118.1
145 31.1 28.8 43.2





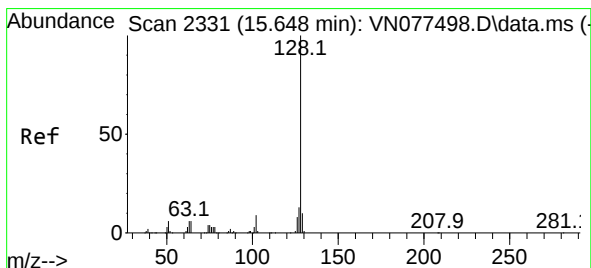
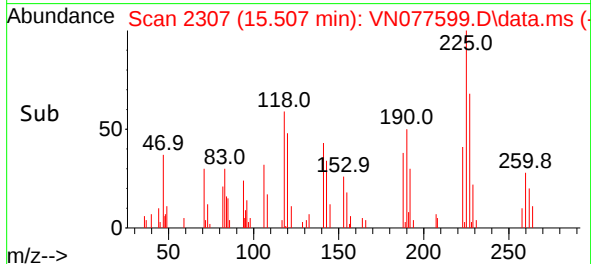
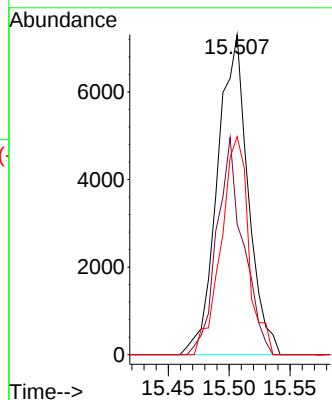
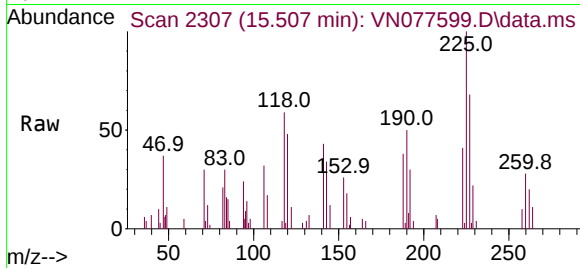
#90
Hexachlorobutadiene
Concen: 3.736 ug/l
RT: 15.507 min Scan# 21
Delta R.T. 0.001 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion:225 Resp: 12780
Ion Ratio Lower Upper
225 100
223 58.5 0.0 124.2
227 61.3 0.0 119.2

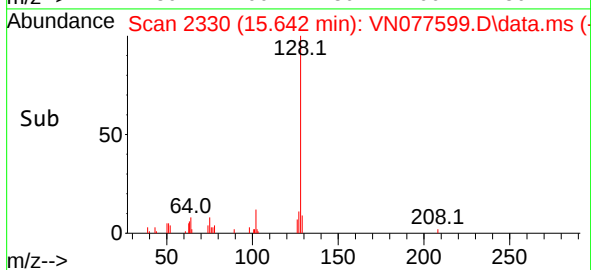
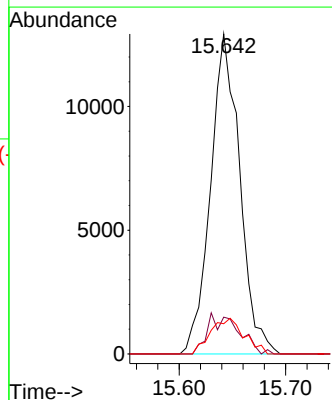
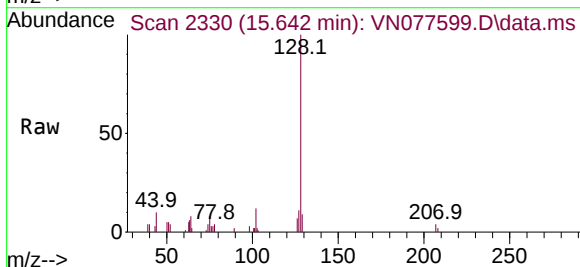
Manual Integrations
APPROVED

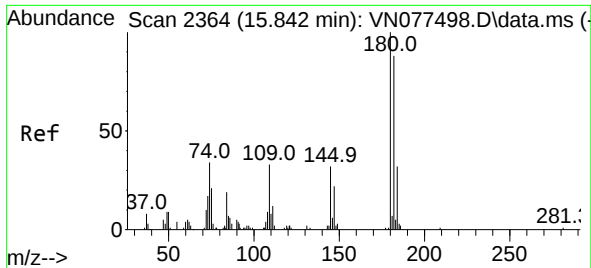
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#91
Naphthalene
Concen: 1.603 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN077599.D
Acq: 05 May 2023 18:54

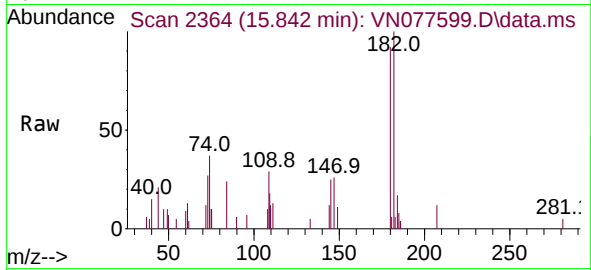
Tgt Ion:128 Resp: 24618
Ion Ratio Lower Upper
128 100
127 8.0 10.4 15.6#
129 12.9 8.7 13.1





#92
 1,2,3-Trichlorobenzene
 Concen: 2.017 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077599.D
 Acq: 05 May 2023 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005



Tgt Ion:180	Resp:	7938
Ion Ratio	Lower	Upper
180	100	
182	93.0	0.0 198.0
145	16.8	0.0 80.2

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023

