

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077612.D
 Acq On : 08 May 2023 12:10
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: May 08 12:57:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon May 08 12:44:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

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

Internal Standards						
1) Bromochloromethane	7.819	128	129769	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	743390	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	684881	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	262976	28.179	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.933%		
60) 4-Bromofluorobenzene	12.848	95	337031	30.948	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	103.167%		
63) Toluene-d8	10.572	98	926020	29.274	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	97.567%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.131	85	832899	97.757	ug/l	95
3) Chloromethane	2.372	50	595632	91.989	ug/l	99
4) Vinyl Chloride	2.519	62	898014	90.133	ug/l	95
5) Bromomethane	2.943	94	649291	97.766	ug/l	96
6) Chloroethane	3.119	64	590890	90.779	ug/l	96
7) Trichlorofluoromethane	3.501	101	1194157	88.129	ug/l	99
8) Diethyl Ether	3.966	74	418455	98.136	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.372	101	681637	93.252	ug/l	96
10) 1,1-Dichloroethene	4.348	96	666999	96.473	ug/l	92
11) Methyl Iodide	4.590	142	1050200	97.660	ug/l	93
12) Methyl Acetate	5.031	43	801127	95.853	ug/l #	84
13) Acrolein	4.190	56	496761	485.227	ug/l	100
14) Acrylonitrile	5.725	53	1255350	493.776	ug/l	98
15) Acetone	4.425	58	344479	445.168	ug/l	86
16) Carbon Disulfide	4.719	76	1609716	96.920	ug/l	98
17) Allyl chloride	5.031	41	642798	90.080	ug/l	90
18) Methylene Chloride	5.284	84	753780	89.704	ug/l	89
19) trans-1,2-Dichloroethene	5.795	96	736383	94.672	ug/l	96
20) Diisopropyl ether	6.678	45	1627646	93.245	ug/l #	89
21) 1,1-Dichloroethane	6.572	63	1234229	96.393	ug/l	99
22) cis-1,2-Dichloroethene	7.489	96	896769	95.680	ug/l	92
23) tert-Butyl Alcohol	5.525	59	499173	500.617	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	2254787	96.345	ug/l	93
25) Chloroform	7.972	83	1463011	95.861	ug/l	99
26) Cyclohexane	8.266	56	988620	94.056	ug/l #	91
29) 1,1-Dichloropropene	8.378	75	1053501	98.441	ug/l	97
30) 2-Butanone	7.489	43	1386810	486.163	ug/l #	89
31) 2,2-Dichloropropane	7.495	77	1209420	97.002	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	1385263	100.016	ug/l	94
33) Carbon Tetrachloride	8.366	117	1182161	100.929	ug/l	96
34) Benzene	8.613	78	3114772	96.391	ug/l	96
35) Methacrylonitrile	7.784	41	314758	97.213	ug/l	87
36) 1,2-Dichloroethane	8.672	62	1015125	94.226	ug/l	96
37) Trichloroethene	9.354	130	800169	95.791	ug/l	100
38) Methylcyclohexane	9.601	83	1359073	98.631	ug/l	94
39) 1,2-Dichloropropane	9.625	63	709048	94.775	ug/l	95
40) Dibromomethane	9.713	93	574057	97.328	ug/l	97
41) Bromodichloromethane	9.889	83	1174636	98.902	ug/l	99
42) Vinyl Acetate	6.607	43	5142023m	536.499	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077612.D
 Acq On : 08 May 2023 12:10
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

Quant Time: May 08 12:57:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon May 08 12:44:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	597232m	97.575	ug/l	
44) Isopropyl Acetate	8.689	43	1093401m	97.388	ug/l	
45) 1,4-Dioxane	9.695	88	286587	2053.956	ug/l	92
46) Methyl methacrylate	9.683	41	477686	94.759	ug/l	86
47) n-amyl Acetate	12.495	43	1004472	103.904	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	1252700	104.622	ug/l	100
49) cis-1,3-Dichloropropene	10.313	75	1329556	101.309	ug/l	94
50) 1,1,2-Trichloroethane	11.019	97	822802	96.868	ug/l	93
51) Ethyl methacrylate	10.877	69	1115546	101.737	ug/l	87
52) 1,3-Dichloropropane	11.166	76	1315344	95.775	ug/l	100
53) Dibromochloromethane	11.360	129	902429	102.116	ug/l	99
54) 1,2-Dibromoethane	11.472	107	838850	99.421	ug/l	97
55) 2-Chloroethyl vinyl ether	10.160	63	2607751	525.925	ug/l	97
56) Bromoform	12.577	173	572569	110.111	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	3035155	481.233	ug/l #	91
59) 2-Hexanone	11.195	43	2175885	477.921	ug/l	90
61) Tetrachloroethene	11.107	164	633085	95.564	ug/l	97
62) Toluene	10.630	91	3675799	96.941	ug/l	99
64) Chlorobenzene	11.895	112	2269056	97.305	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	841345	100.012	ug/l	96
66) Ethyl Benzene	11.966	91	4170653	99.269	ug/l	99
67) m/p-Xylenes	12.071	106	3301948	199.754	ug/l	97
68) o-Xylene	12.401	106	1646710	101.086	ug/l	94
69) Styrene	12.413	104	2715146	104.237	ug/l	97
70) Isopropylbenzene	12.695	105	4237319	100.144	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	1113205	98.108	ug/l	97
72) 1,2,3-Trichloropropane	12.995	75	791874m	79.696	ug/l	
73) Bromobenzene	12.983	156	893122	100.947	ug/l	89
74) n-propylbenzene	13.036	91	4919427	103.984	ug/l	99
75) 2-Chlorotoluene	13.124	91	2916464	101.927	ug/l	100
76) 1,3,5-Trimethylbenzene	13.177	105	3534837	105.710	ug/l	99
77) t-1,4-Dichloro-2-butene	12.736	75	373108	113.440	ug/l	86
78) 4-Chlorotoluene	13.224	91	2848730	101.967	ug/l	98
79) tert-butylbenzene	13.442	119	3065300	102.355	ug/l	95
80) 1,2,4-Trimethylbenzene	13.483	105	3533575	108.886	ug/l	100
81) sec-Butylbenzene	13.618	105	4403320	104.753	ug/l	99
82) p-Isopropyltoluene	13.730	119	3602103	107.698	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	1733980	105.542	ug/l	97
84) 1,4-Dichlorobenzene	13.813	146	1691970	105.199	ug/l	99
85) n-Butylbenzene	14.060	91	3012760	109.493	ug/l	100
86) Hexachloroethane	14.336	117	661946	106.198	ug/l	94
87) 1,2-Dichlorobenzene	14.107	146	1644766	103.135	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	212943	103.271	ug/l	94
89) 1,2,4-Trichlorobenzene	15.395	180	707510	128.767	ug/l	98
90) Hexachlorobutadiene	15.507	225	283135	91.385	ug/l	94
91) Naphthalene	15.642	128	2547817	135.744	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	658595	130.152	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077612.D
 Acq On : 08 May 2023 12:10
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

MSVOA_N

Client Sample Id :

VSTDICC100

Manual Integrations

APPROVED

Reviewed By : John Carlone 05/09/2023

Supervised By : Mahesh Dadoda 05/09/2023

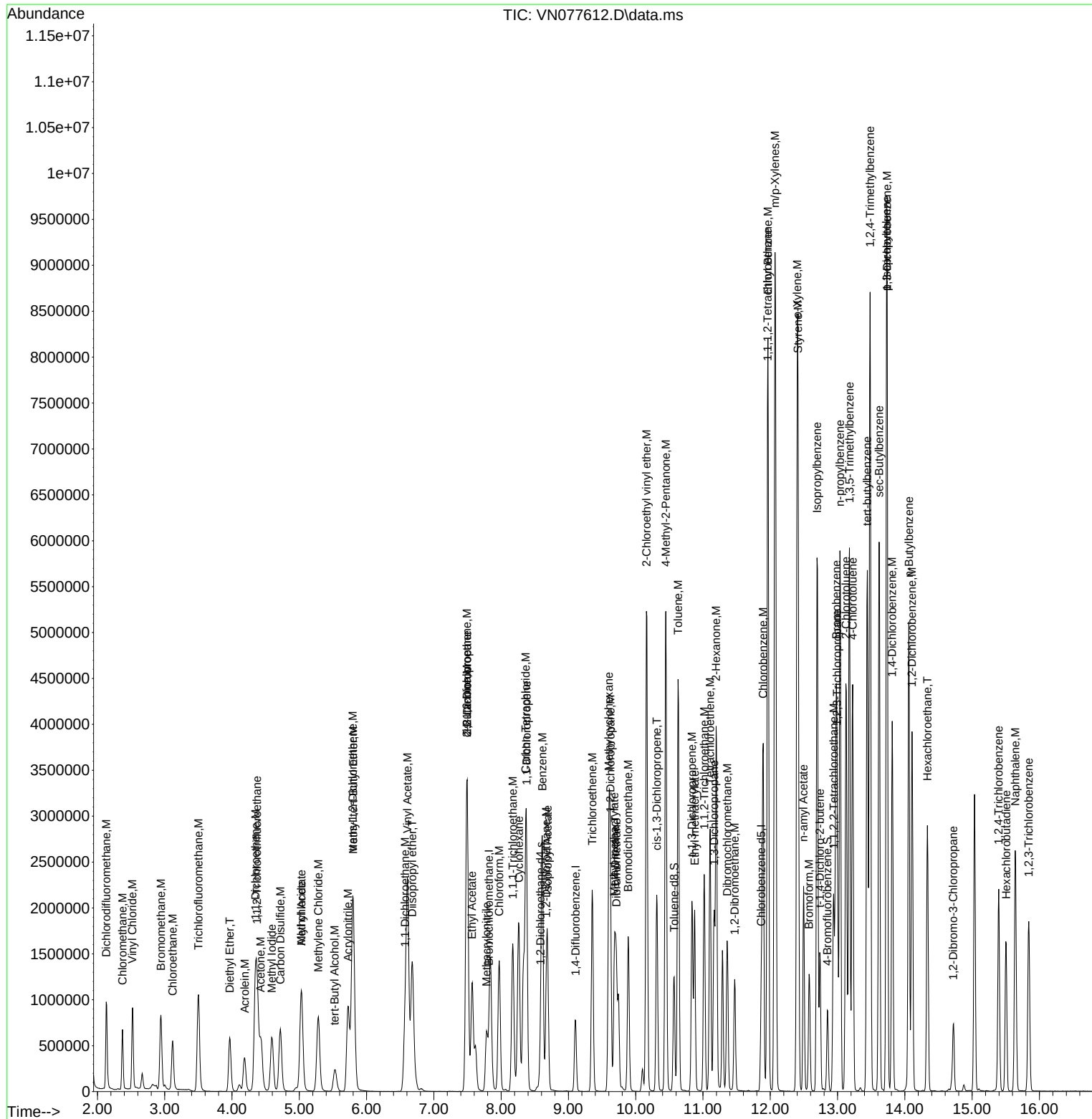
Quant Time: May 08 12:57:29 2023

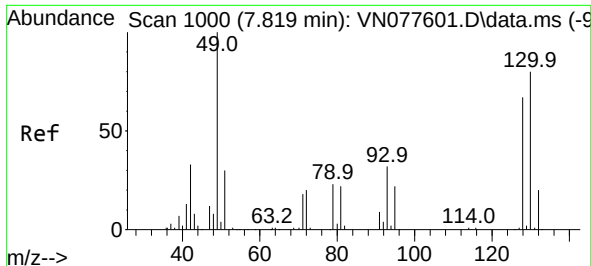
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M

Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS

QLast Update : Mon May 08 12:44:57 2023

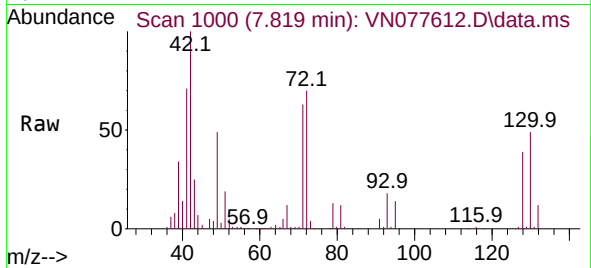
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

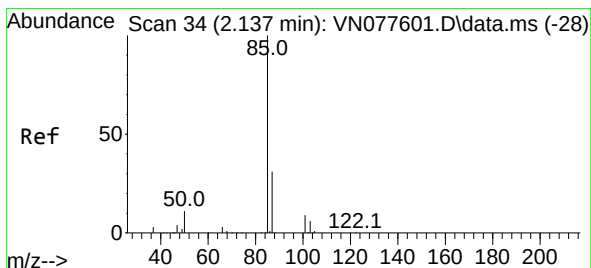
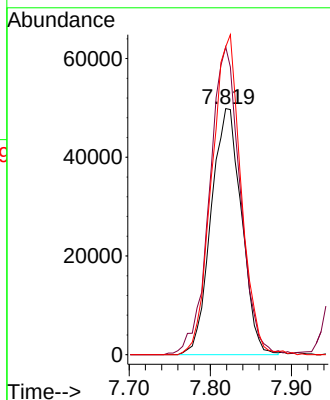
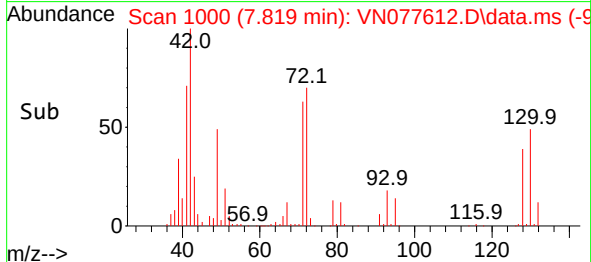
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:128 Resp: 129769
Ion Ratio Lower Upper
128 100
49 125.9 0.0 369.8
130 125.1 0.0 317.8

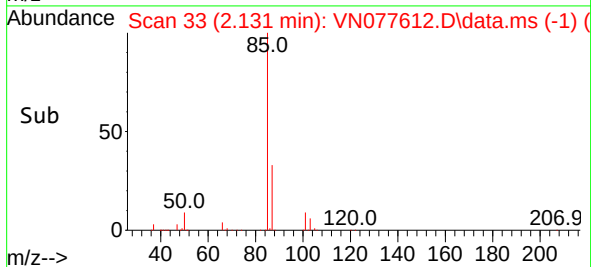
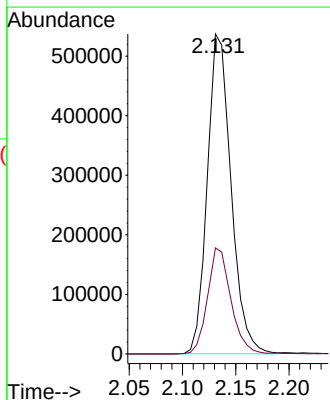
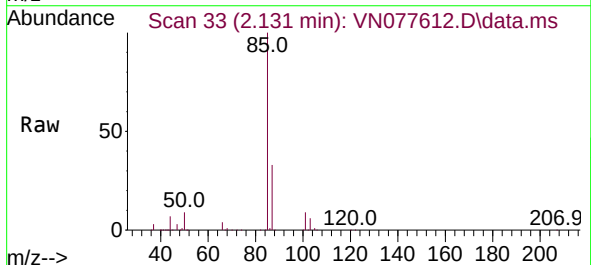
Manual Integrations
APPROVED

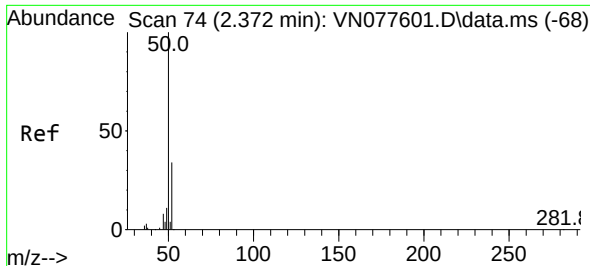
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#2
Dichlorodifluoromethane
Concen: 97.757 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

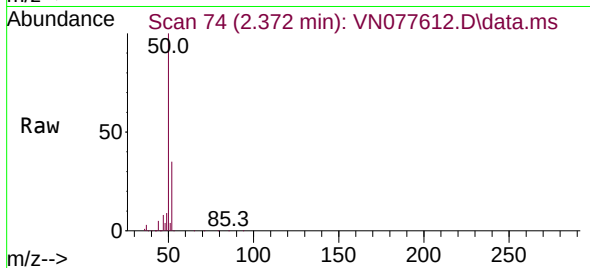
Tgt Ion: 85 Resp: 832899
Ion Ratio Lower Upper
85 100
87 33.1 15.3 45.9





#3
Chloromethane
Concen: 91.989 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

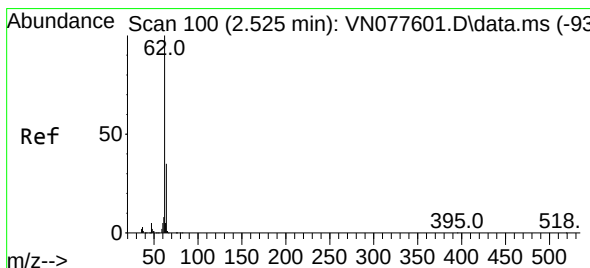
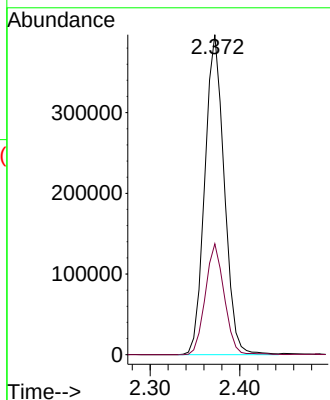
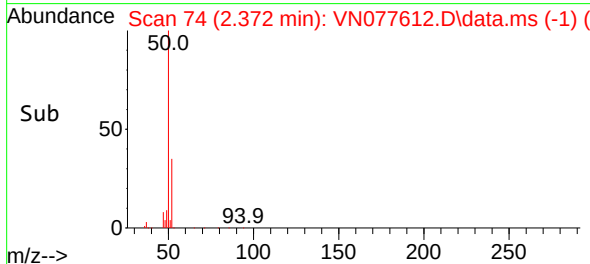
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 50 Resp: 595632
Ion Ratio Lower Upper
50 100
52 34.6 27.3 40.9

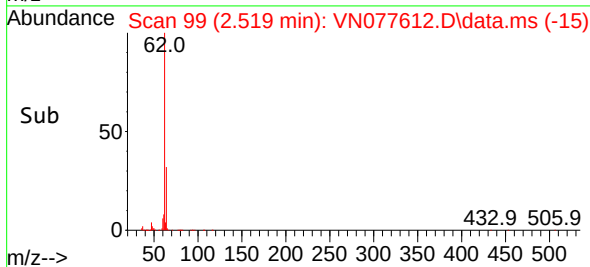
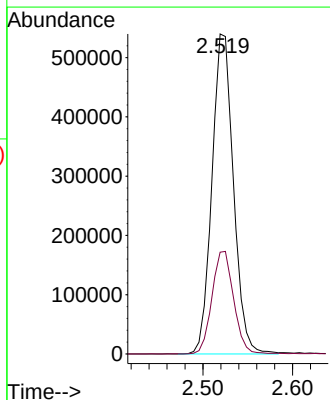
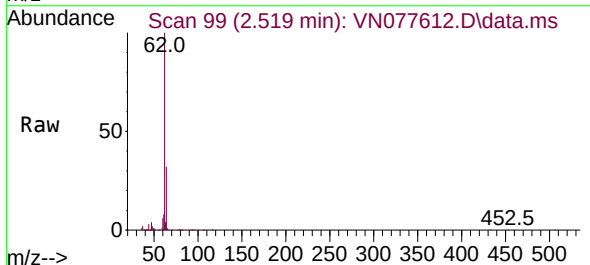
Manual Integrations
APPROVED

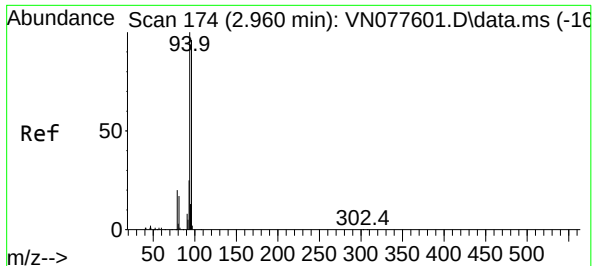
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#4
Vinyl Chloride
Concen: 90.133 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

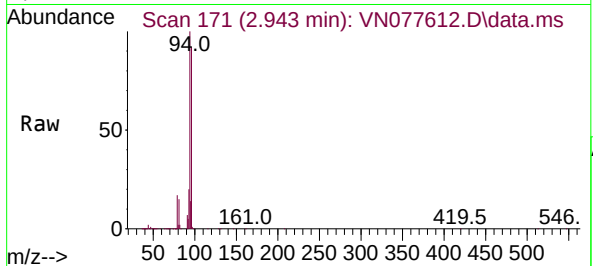
Tgt Ion: 62 Resp: 898014
Ion Ratio Lower Upper
62 100
64 31.7 27.8 41.6





#5
Bromomethane
Concen: 97.766 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.017 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

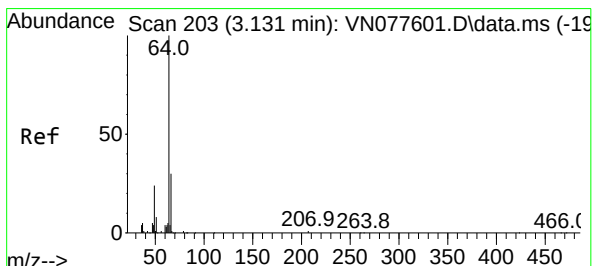
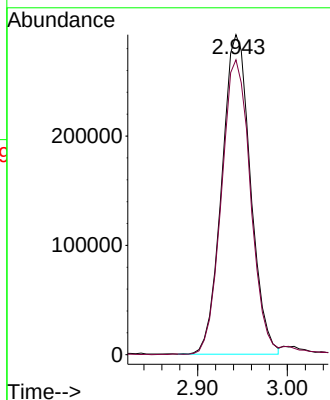
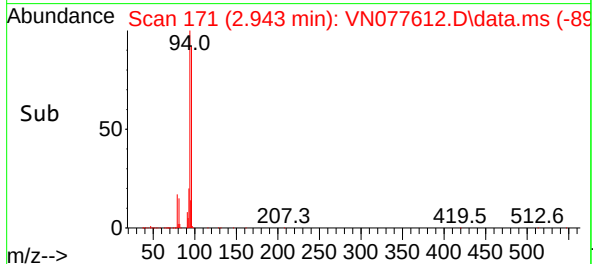
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



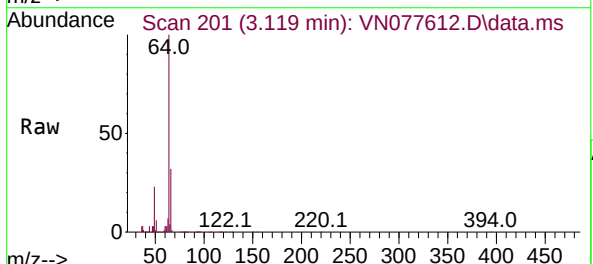
Tgt Ion: 94 Resp: 64929
Ion Ratio Lower Upper
94 100
96 92.1 76.7 115.1

Manual Integrations
APPROVED

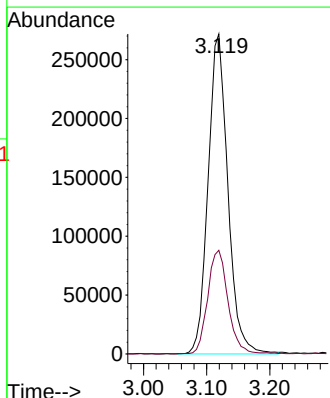
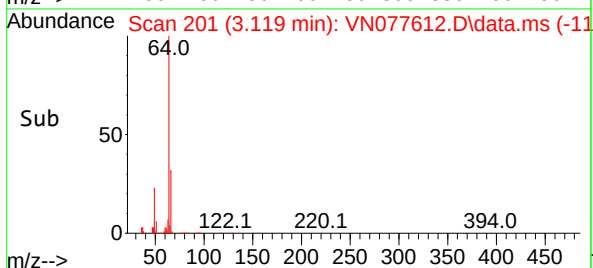
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

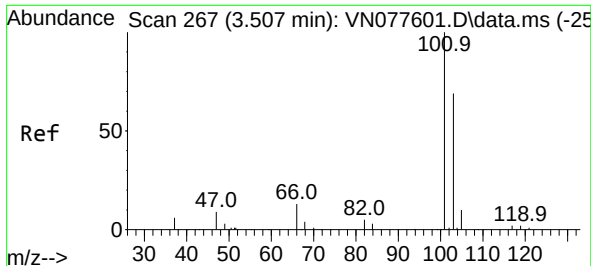


#6
Chloroethane
Concen: 90.779 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.012 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10



Tgt Ion: 64 Resp: 590890
Ion Ratio Lower Upper
64 100
66 32.2 24.2 36.4





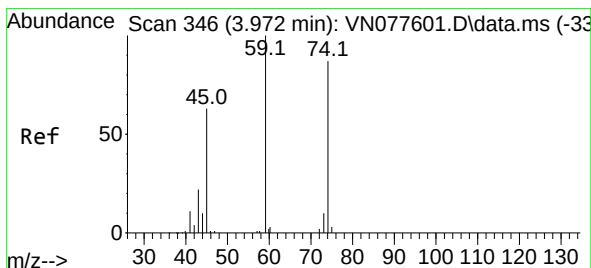
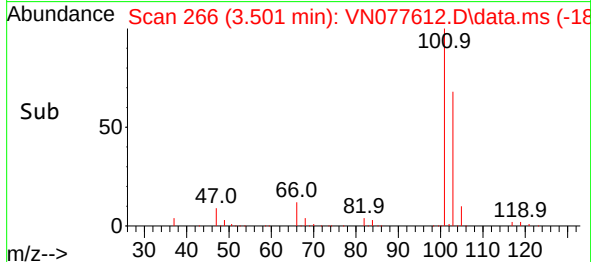
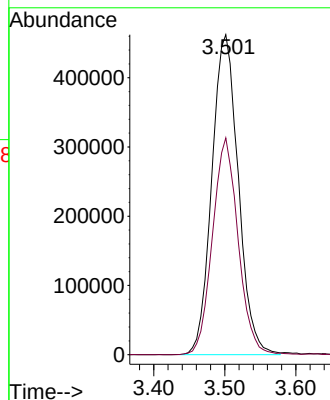
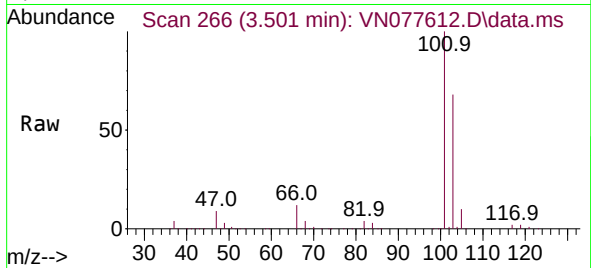
#7
Trichlorofluoromethane
Concen: 88.129 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:101 Resp: 119415
Ion Ratio Lower Upper
101 100
103 67.7 55.0 82.4

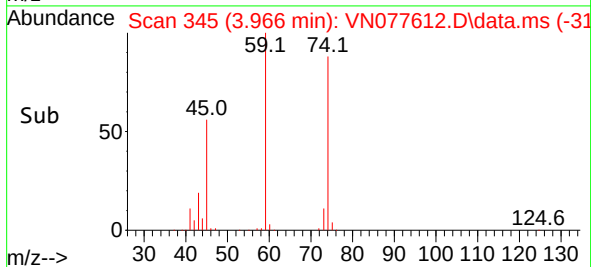
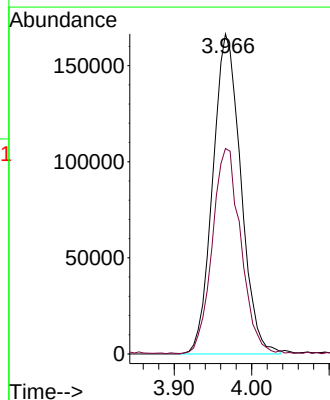
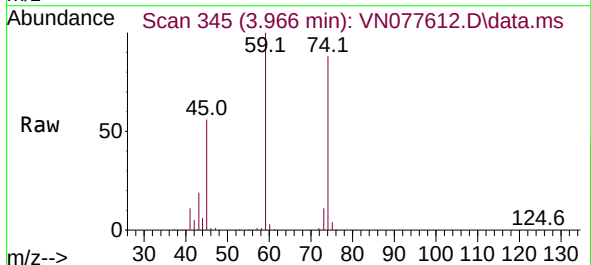
Manual Integrations
APPROVED

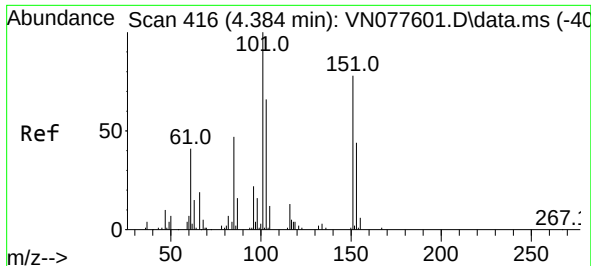
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#8
Diethyl Ether
Concen: 98.136 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

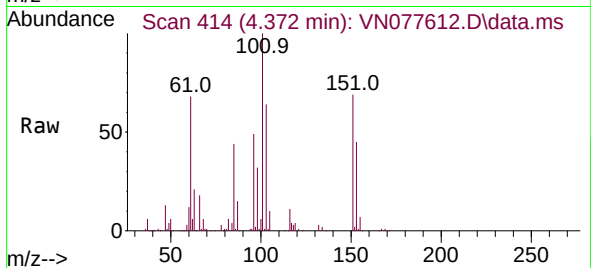
Tgt Ion: 74 Resp: 418455
Ion Ratio Lower Upper
74 100
45 65.1 14.8 133.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 93.252 ug/l
RT: 4.372 min Scan# 416
Delta R.T. -0.012 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

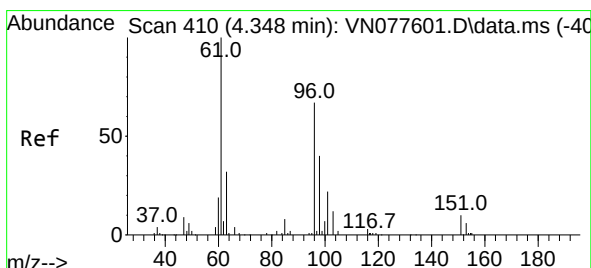
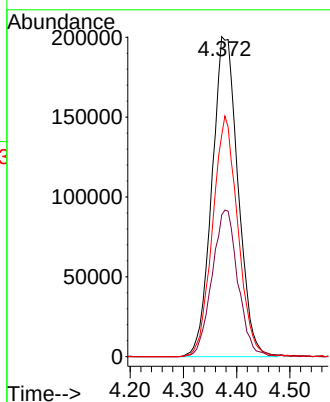
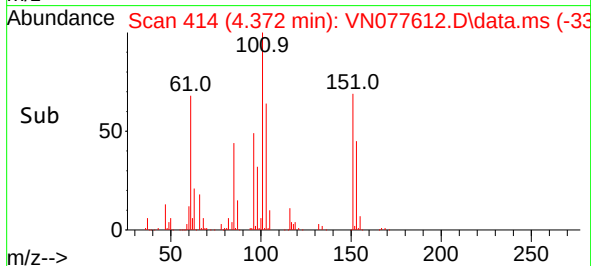
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



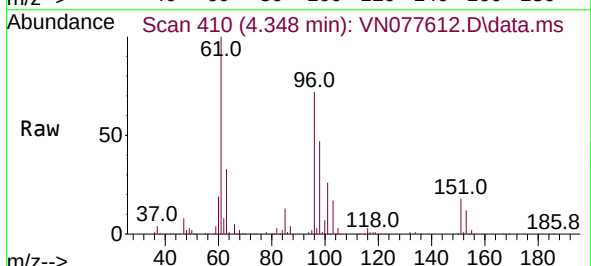
Tgt Ion: 101 Resp: 68163
Ion Ratio Lower Upper
101 100
85 45.3 0.0 92.6
151 72.7 0.0 137.4

Manual Integrations
APPROVED

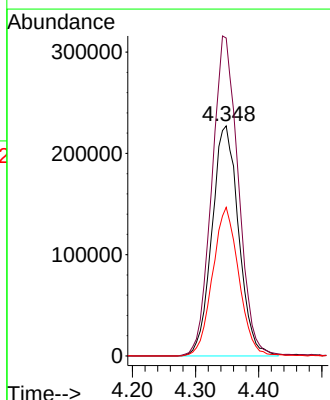
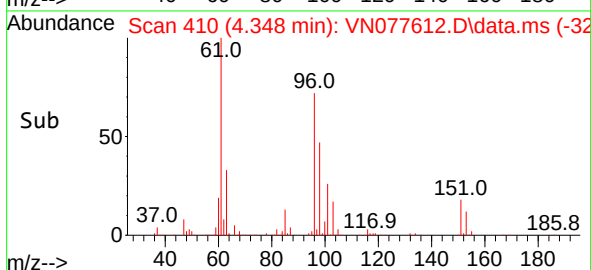
Reviewed By : John Carlone 05/09/2023
Supervised By : Mahesh Dadoda 05/09/2023

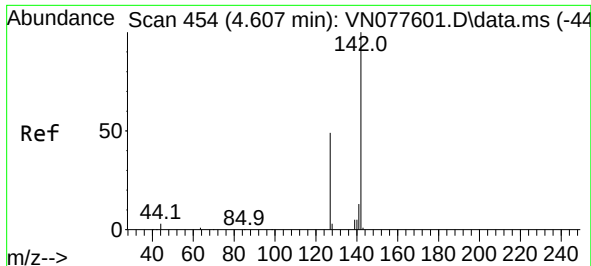


#10
1,1-Dichloroethene
Concen: 96.473 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10



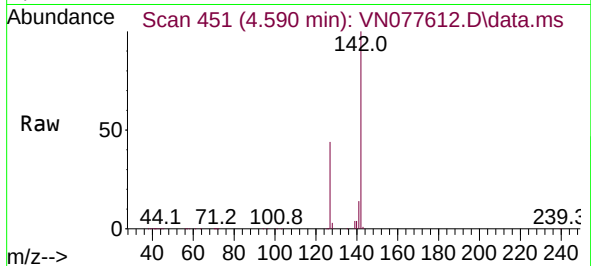
Tgt Ion: 96 Resp: 666999
Ion Ratio Lower Upper
96 100
61 138.1 120.1 180.1
98 64.6 48.3 72.5





#11
Methyl Iodide
Concen: 97.660 ug/l
RT: 4.590 min Scan# 411
Delta R.T. -0.017 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

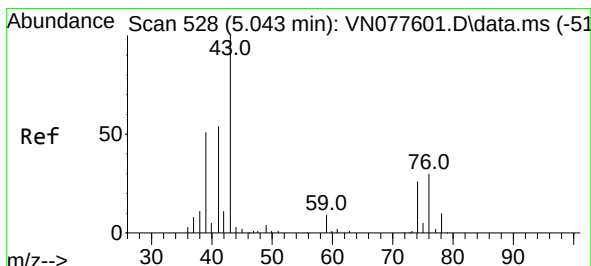
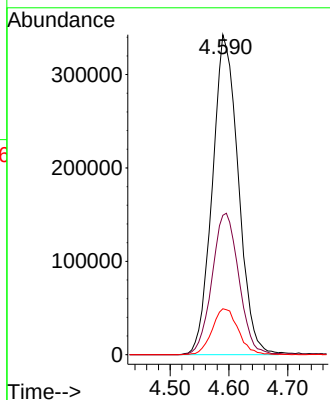
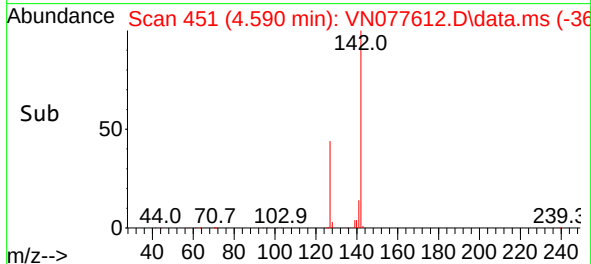
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:142 Resp: 1050200
Ion Ratio Lower Upper
142 100
127 43.5 24.6 73.6
141 14.3 6.4 19.2

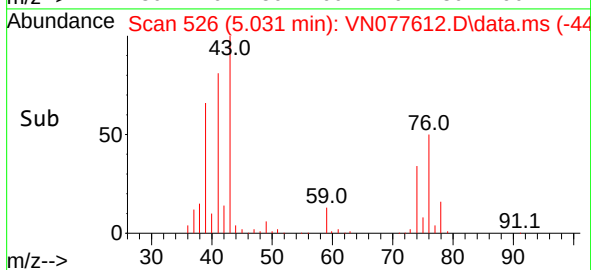
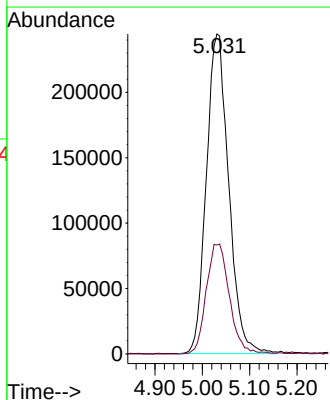
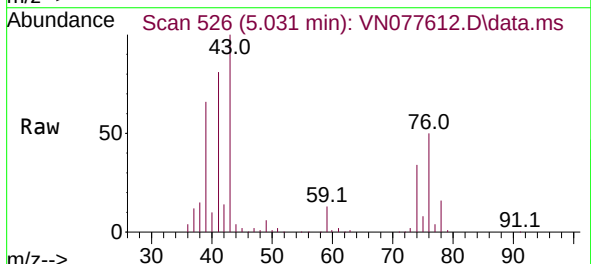
Manual Integrations
APPROVED

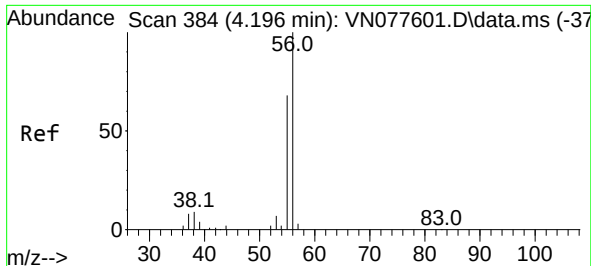
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#12
Methyl Acetate
Concen: 95.853 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion: 43 Resp: 801127
Ion Ratio Lower Upper
43 100
74 34.0 20.6 31.0#





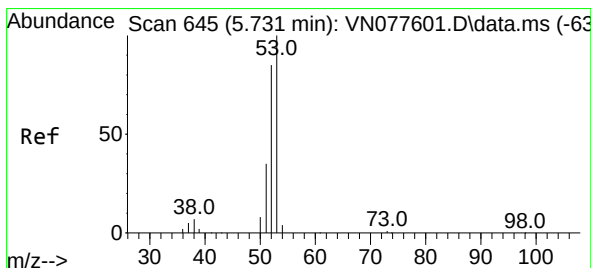
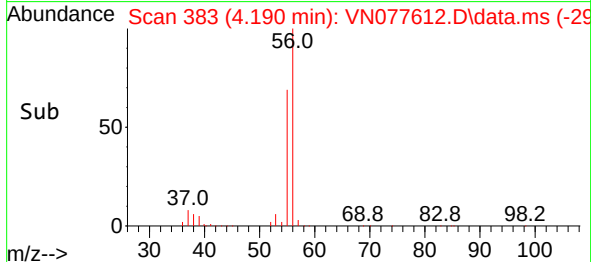
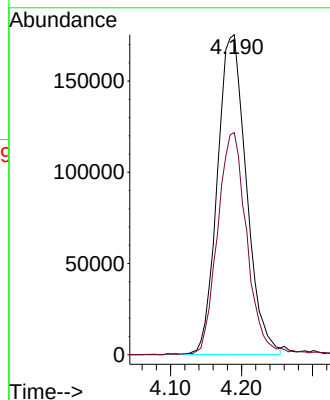
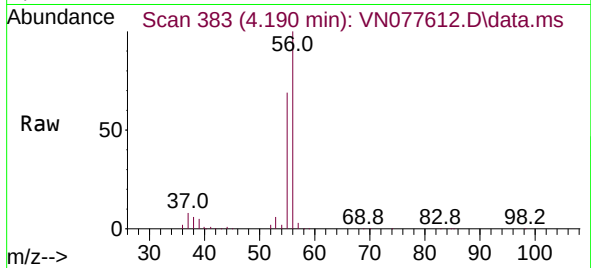
#13
Acrolein
Concen: 485.227 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 56 Resp: 496763
Ion Ratio Lower Upper
56 100
55 68.3 54.8 82.2

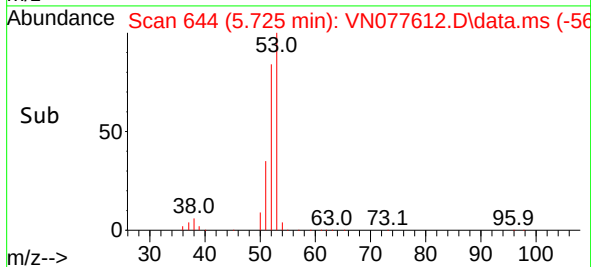
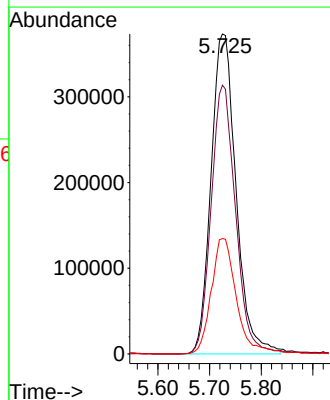
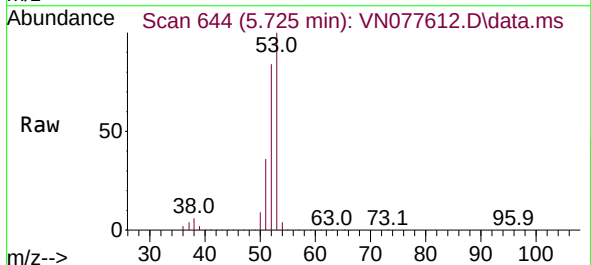
Manual Integrations
APPROVED

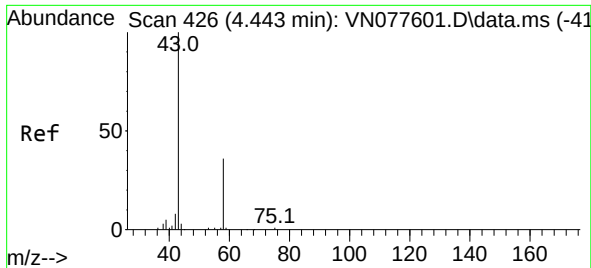
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#14
Acrylonitrile
Concen: 493.776 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion: 53 Resp: 1255350
Ion Ratio Lower Upper
53 100
52 81.6 41.6 124.8
51 36.3 17.6 52.9





#15

Acetone

Concen: 445.168 ug/l

RT: 4.425 min Scan# 41

Delta R.T. -0.018 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 58 Resp: 344479

Ion Ratio Lower Upper

58 100

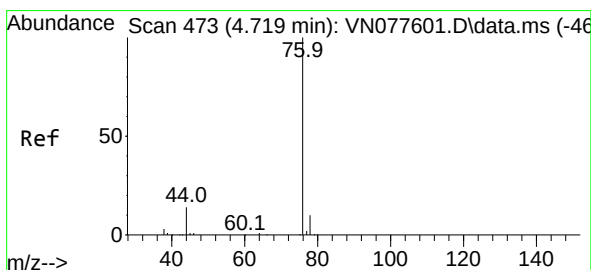
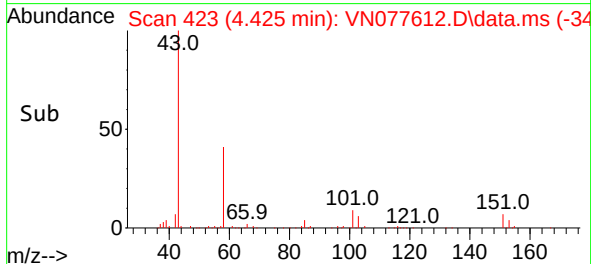
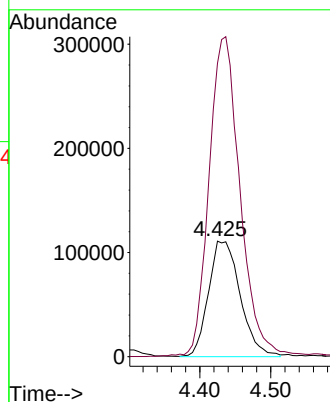
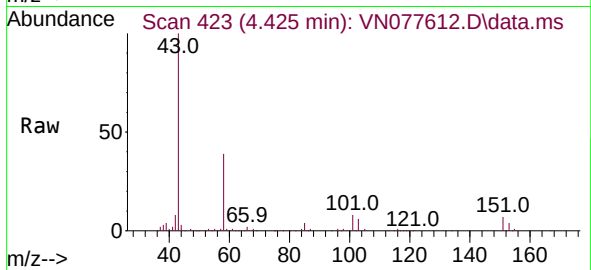
43 252.2 223.2 334.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#16

Carbon Disulfide

Concen: 96.920 ug/l

RT: 4.719 min Scan# 473

Delta R.T. 0.000 min

Lab File: VN077612.D

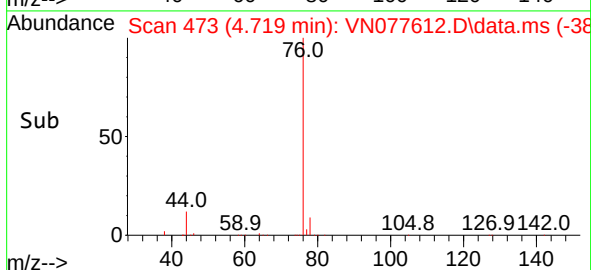
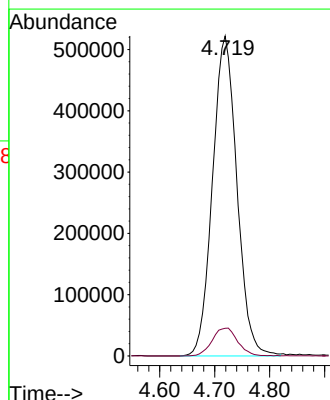
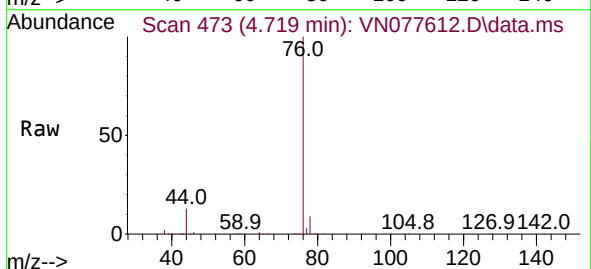
Acq: 08 May 2023 12:10

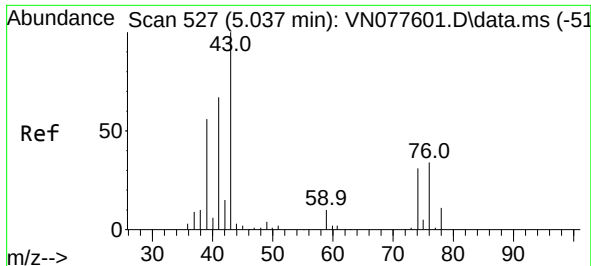
Tgt Ion: 76 Resp: 1609716

Ion Ratio Lower Upper

76 100

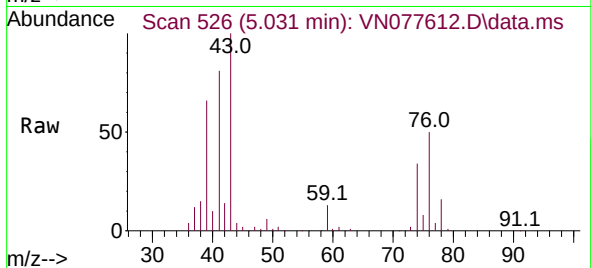
78 8.7 7.6 11.4





#17
Allyl chloride
Concen: 90.080 ug/l
RT: 5.031 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

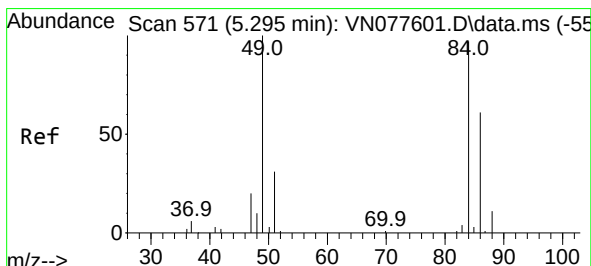
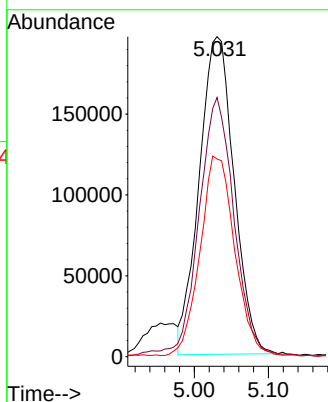
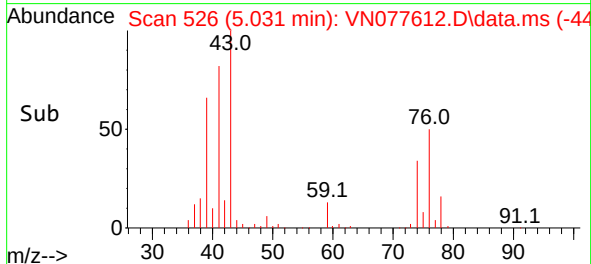
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 41 Resp: 642798
Ion Ratio Lower Upper
41 100
39 81.0 39.5 118.3
76 61.7 23.4 70.3

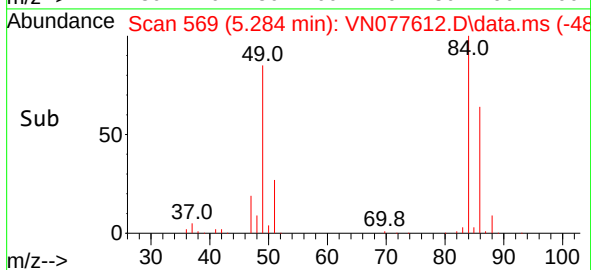
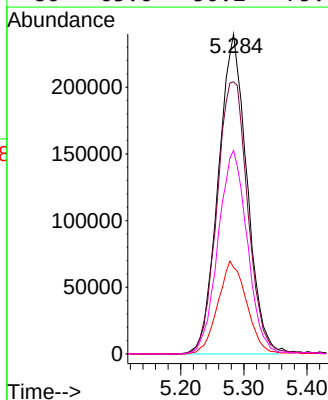
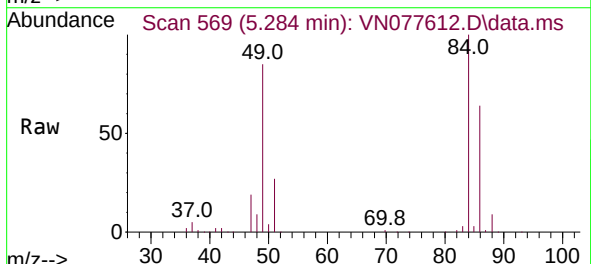
Manual Integrations
APPROVED

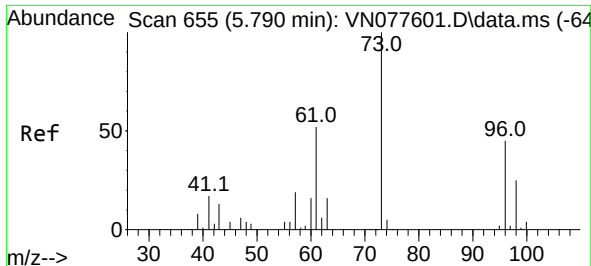
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#18
Methylene Chloride
Concen: 89.704 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.011 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

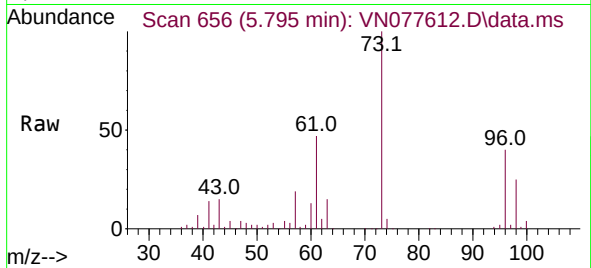
Tgt Ion: 84 Resp: 753780
Ion Ratio Lower Upper
84 100
49 85.0 82.4 123.6
51 27.1 25.1 37.7
86 63.6 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 94.672 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

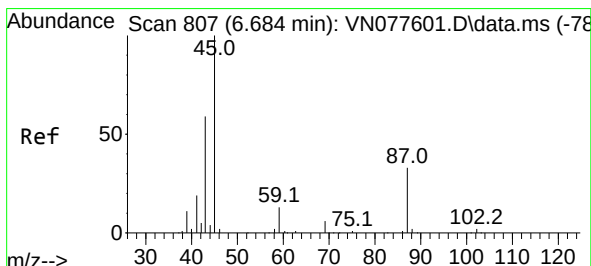
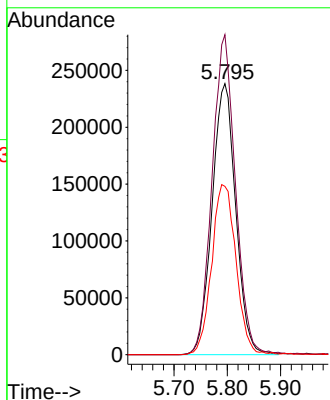
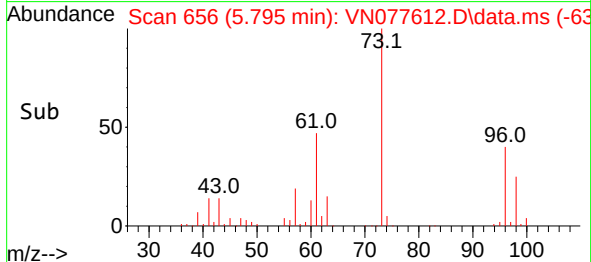
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 96 Resp: 73638
Ion Ratio Lower Upper
96 100
61 118.1 92.4 138.6
98 62.1 44.8 67.2

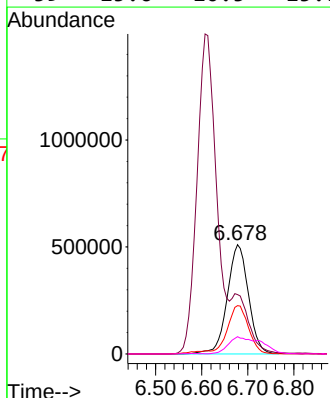
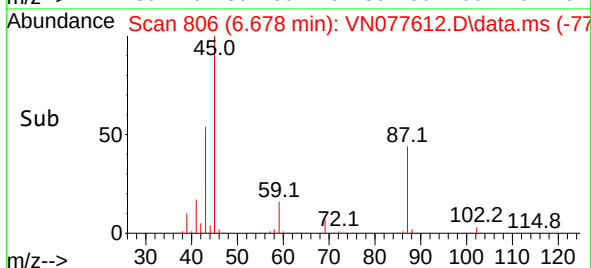
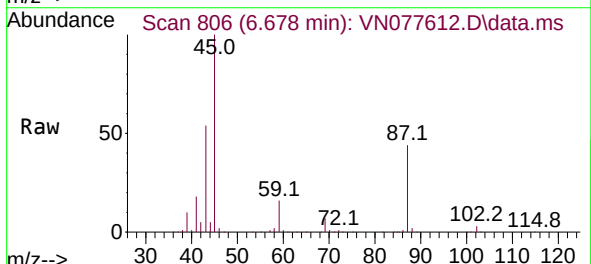
Manual Integrations
APPROVED

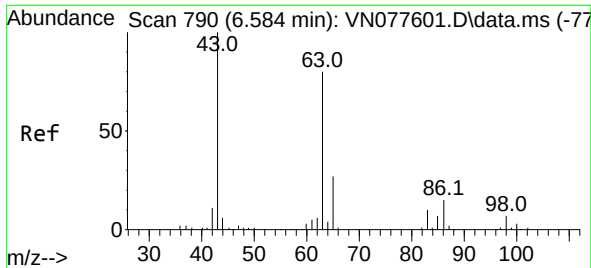
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#20
Diisopropyl ether
Concen: 93.245 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion: 45 Resp: 1627646
Ion Ratio Lower Upper
45 100
43 53.3 47.1 70.7
87 44.0 26.2 39.2#
59 15.6 10.5 15.7





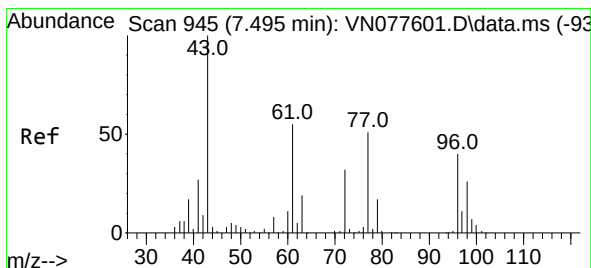
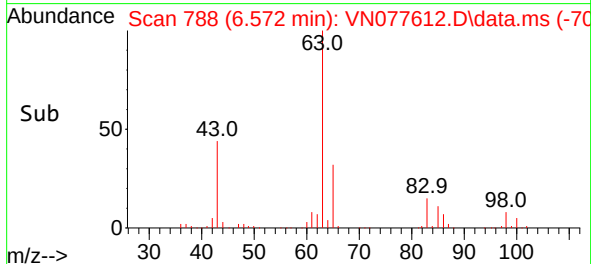
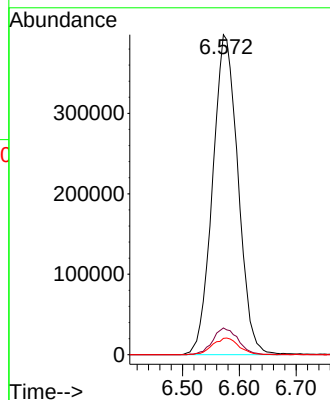
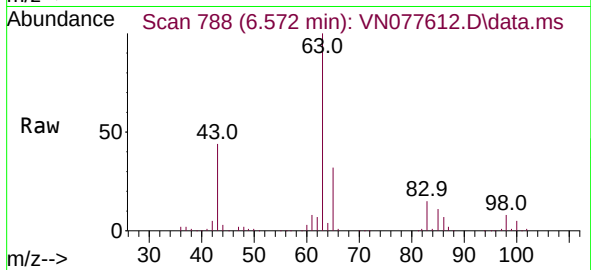
#21
1,1-Dichloroethane
Concen: 96.393 ug/l
RT: 6.572 min Scan# 790
Delta R.T. -0.012 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 1234229
Ion Ratio Lower Upper
63 100
98 8.4 4.3 13.1
100 5.1 2.3 6.8

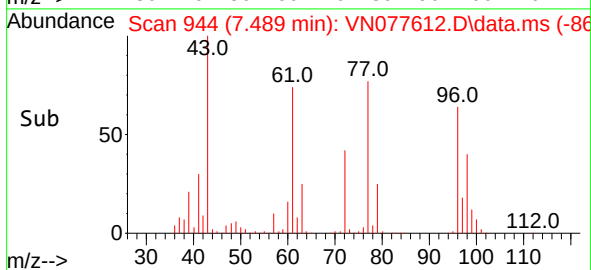
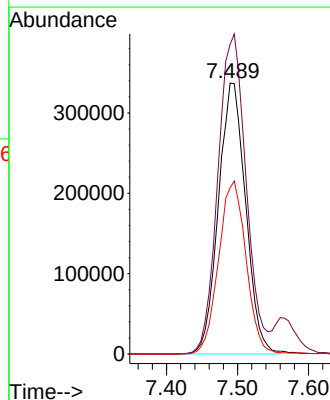
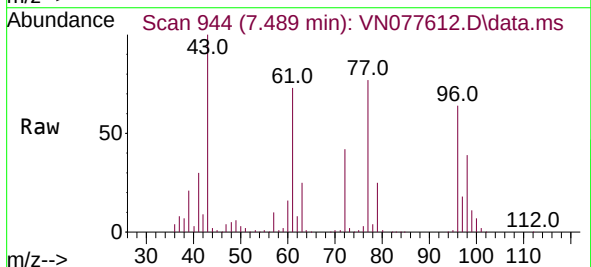
Manual Integrations
APPROVED

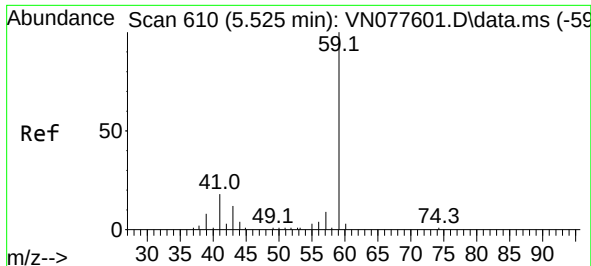
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#22
cis-1,2-Dichloroethene
Concen: 95.680 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion: 96 Resp: 896769
Ion Ratio Lower Upper
96 100
61 122.2 109.4 164.0
98 64.3 51.2 76.8





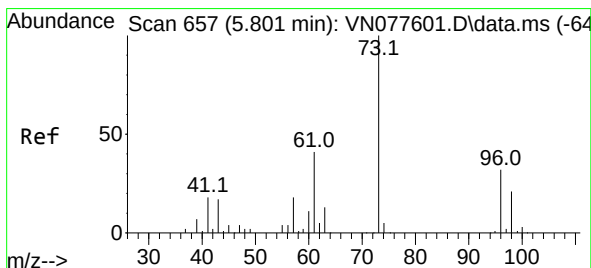
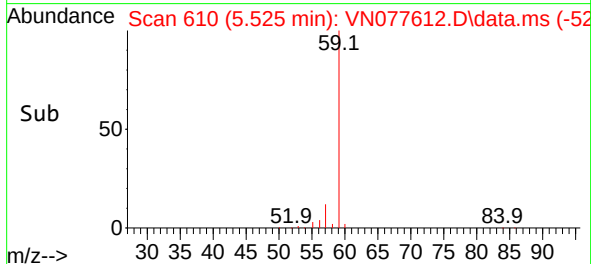
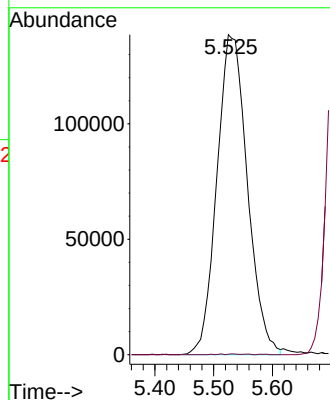
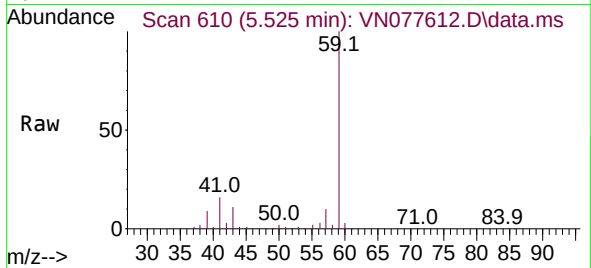
#23
tert-Butyl Alcohol
Concen: 500.617 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion: 59 Resp: 49917
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0

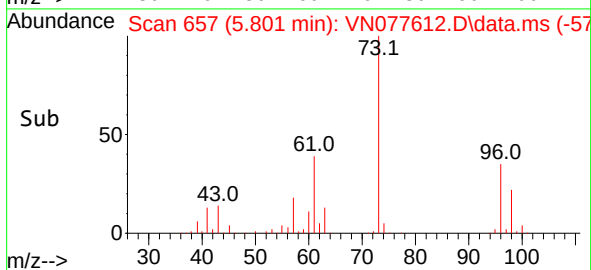
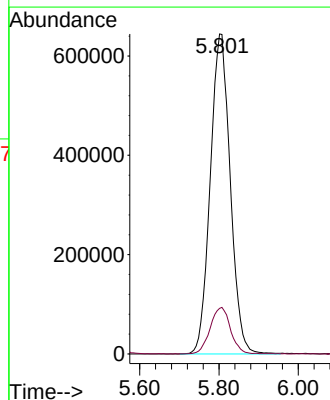
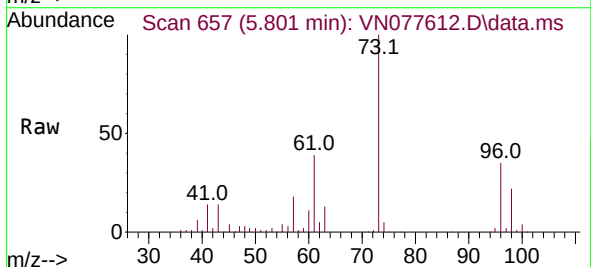
Manual Integrations
APPROVED

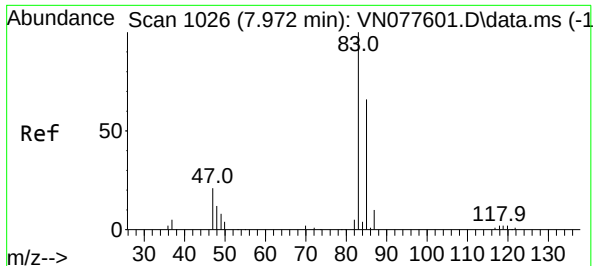
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#24
Methyl tert-Butyl Ether
Concen: 96.345 ug/l
RT: 5.801 min Scan# 657
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion: 73 Resp: 2254787
Ion Ratio Lower Upper
73 100
43 14.7 14.3 21.5





#25

Chloroform

Concen: 95.861 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

Tgt Ion: 83 Resp: 146301

Ion Ratio Lower Upper

83 100

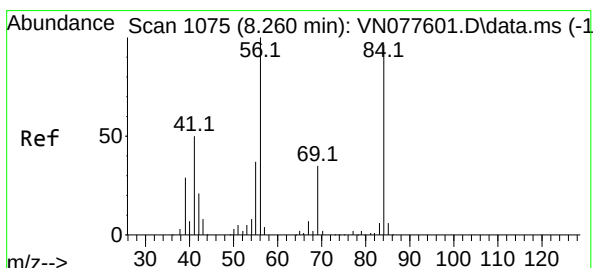
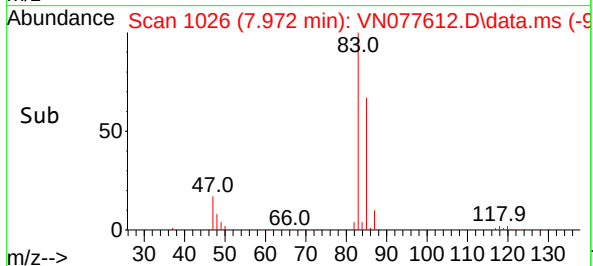
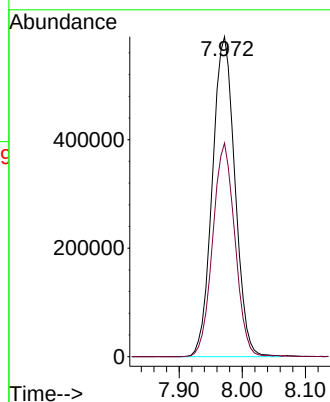
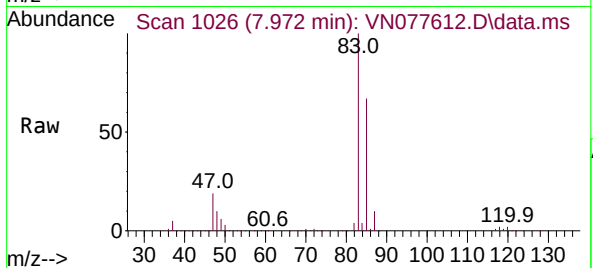
85 66.8 53.0 79.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#26

Cyclohexane

Concen: 94.056 ug/l

RT: 8.266 min Scan# 1076

Delta R.T. 0.006 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

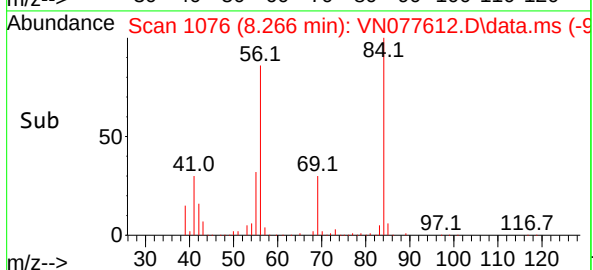
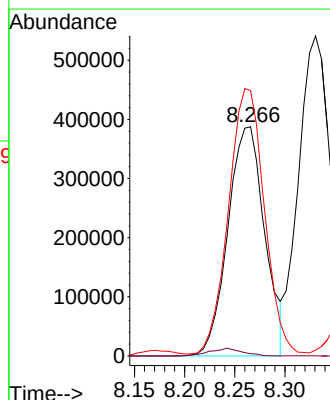
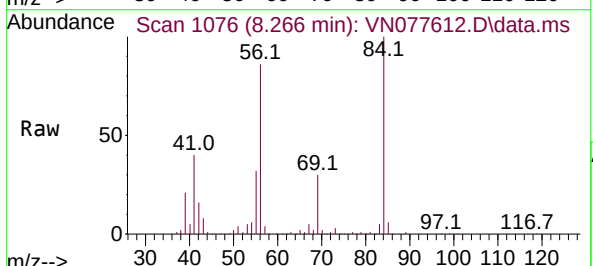
Tgt Ion: 56 Resp: 988620

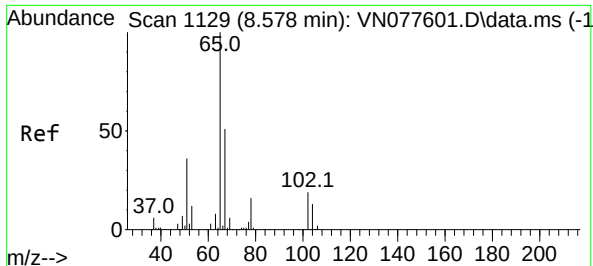
Ion Ratio Lower Upper

56 100

89 3.0 0.0 0.0#

84 115.1 84.6 126.8





#27
1,2-Dichloroethane-d4
Concen: 28.179 ug/l
RT: 8.583 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

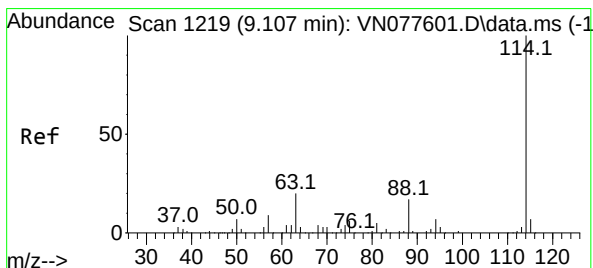
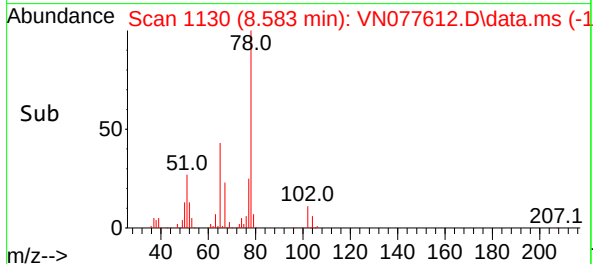
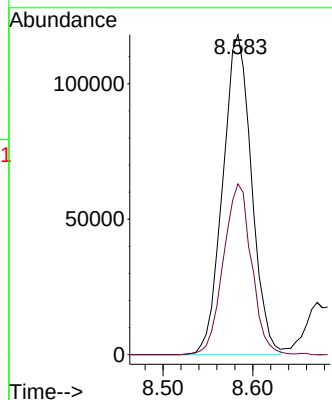
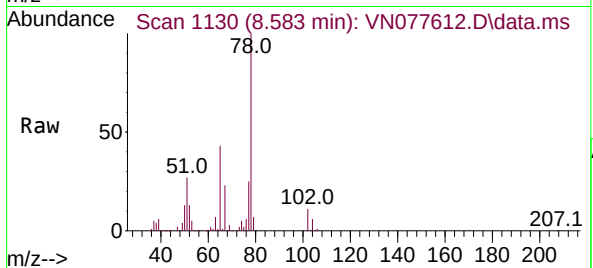
VSTDICC100

Tgt Ion: 65 Resp: 262970
Ion Ratio Lower Upper
65 100
67 52.2 41.3 61.9

Manual Integrations

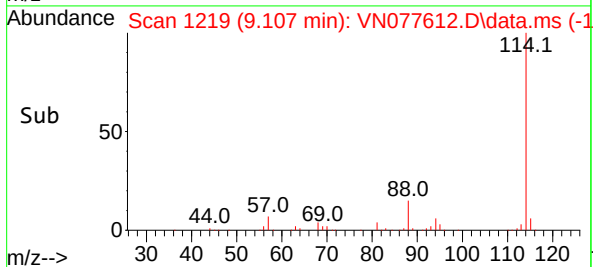
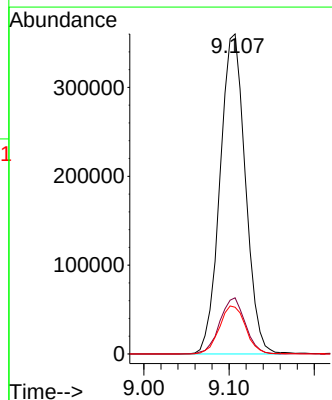
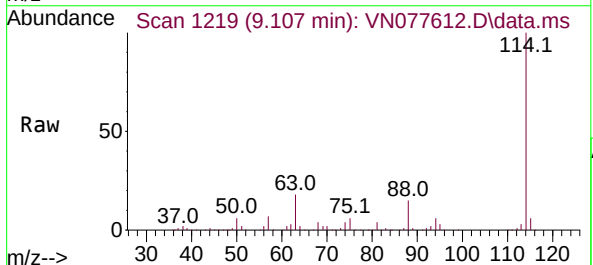
APPROVED

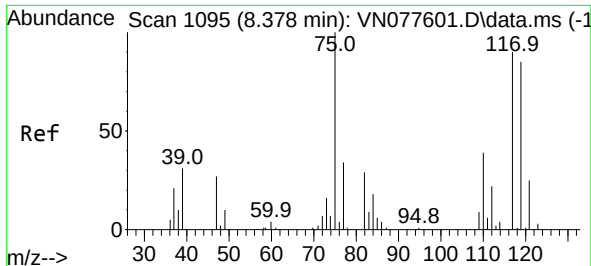
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion:114 Resp: 743390
Ion Ratio Lower Upper
114 100
63 17.7 15.8 23.6
88 15.5 13.0 19.4





#29

1,1-Dichloropropene

Concen: 98.441 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 75 Resp: 105350

Ion Ratio Lower Upper

75 100

110 38.1 0.0 69.8

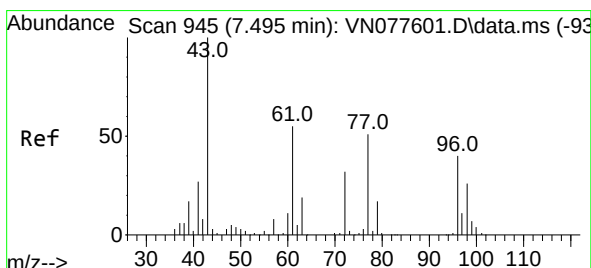
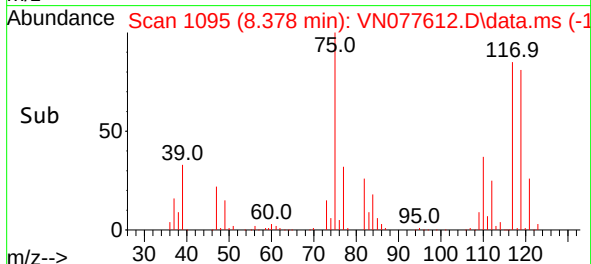
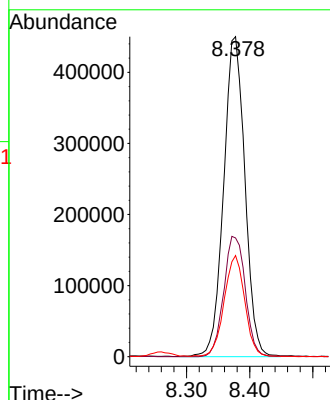
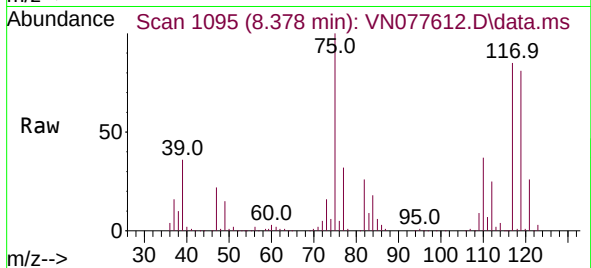
77 30.7 0.0 61.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#30

2-Butanone

Concen: 486.163 ug/l

RT: 7.489 min Scan# 944

Delta R.T. -0.006 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

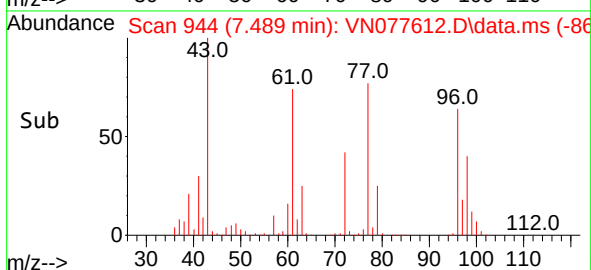
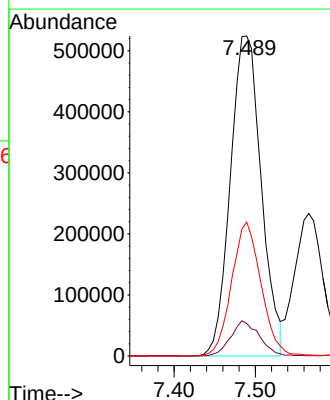
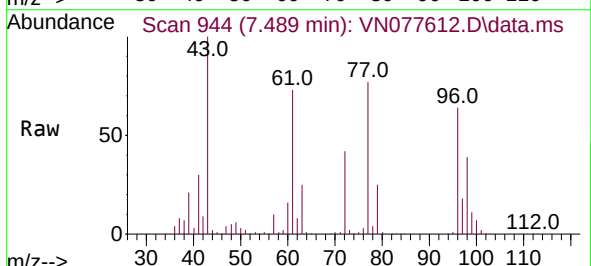
Tgt Ion: 43 Resp: 1386810

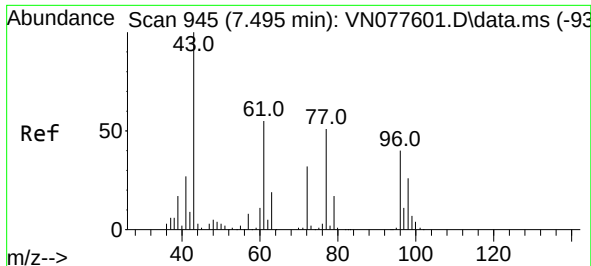
Ion Ratio Lower Upper

43 100

57 10.2 7.2 10.8

72 39.9 26.2 39.2#





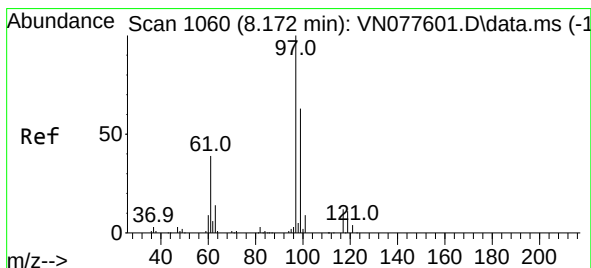
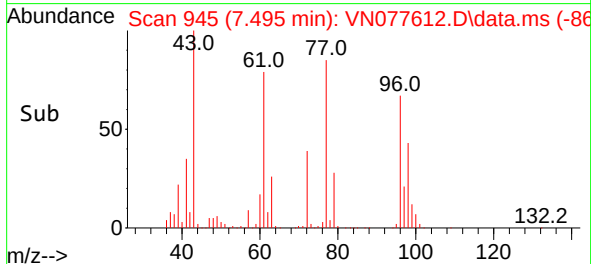
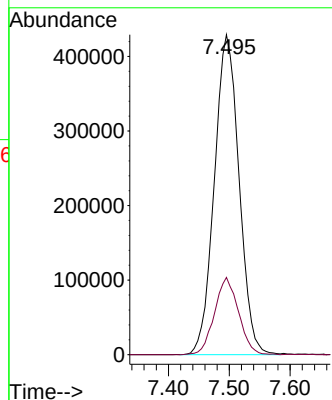
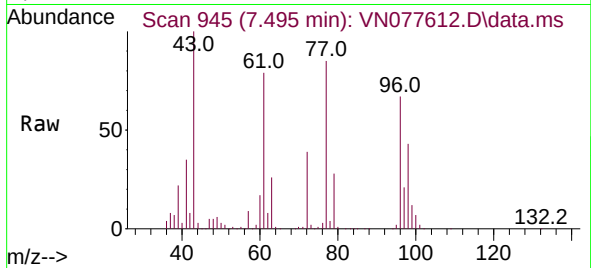
#31
2,2-Dichloropropane
Concen: 97.002 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 77 Resp: 1209420
Ion Ratio Lower Upper
77 100
97 23.5 19.1 28.7

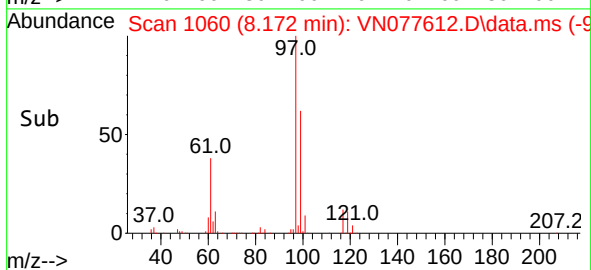
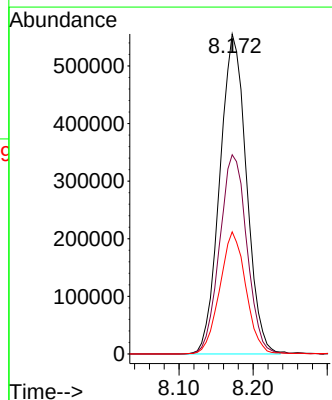
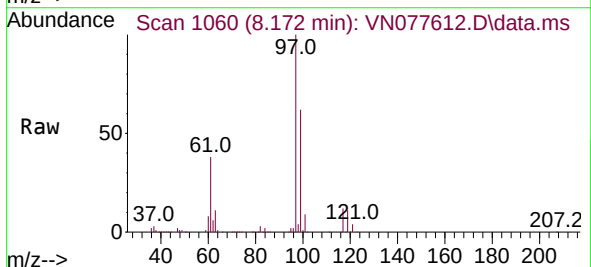
Manual Integrations
APPROVED

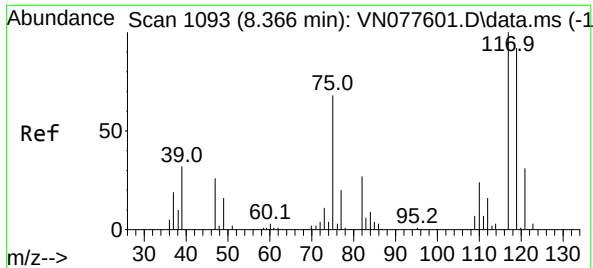
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#32
1,1,1-Trichloroethane
Concen: 100.016 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

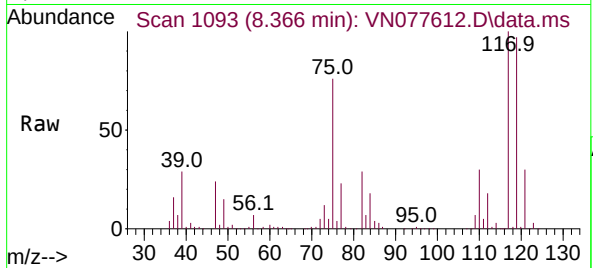
Tgt Ion: 97 Resp: 1385263
Ion Ratio Lower Upper
97 100
99 63.8 53.1 79.7
61 37.5 35.1 52.7





#33
Carbon Tetrachloride
Concen: 100.929 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

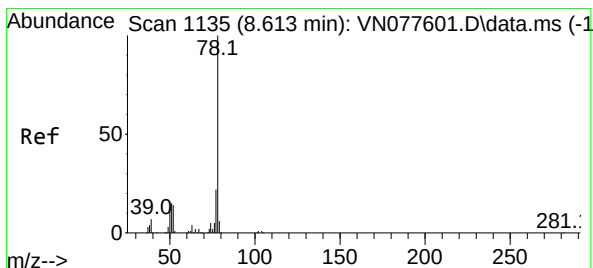
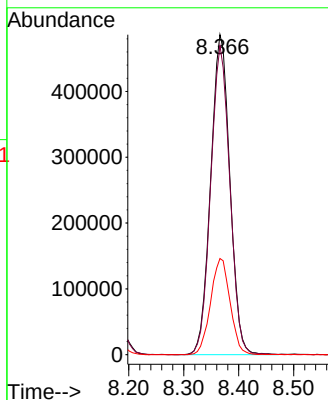
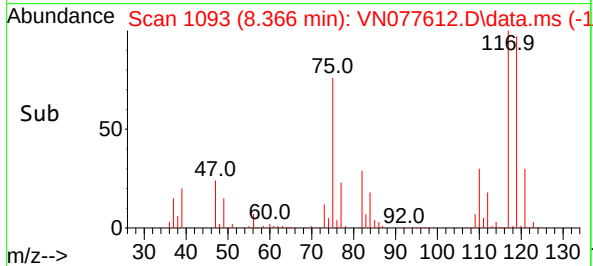
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



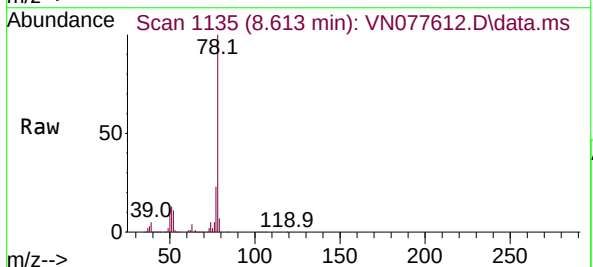
Tgt Ion:117 Resp: 118216
Ion Ratio Lower Upper
117 100
119 96.5 73.9 110.9
121 30.0 25.0 37.4

Manual Integrations
APPROVED

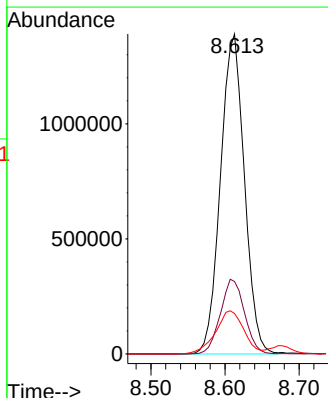
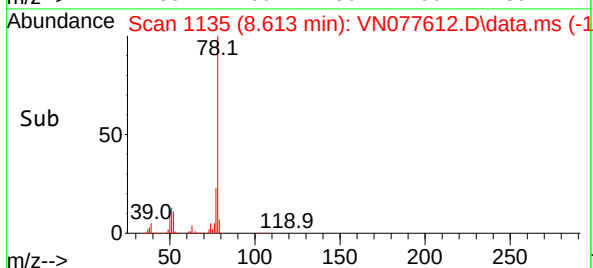
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

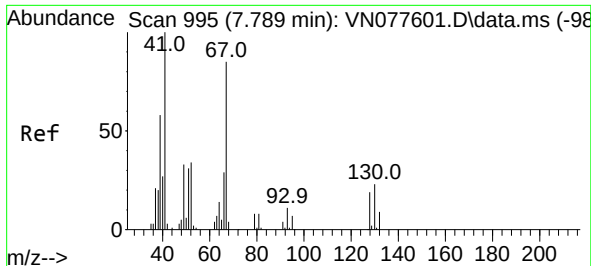


#34
Benzene
Concen: 96.391 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10



Tgt Ion: 78 Resp: 3114772
Ion Ratio Lower Upper
78 100
77 22.7 17.2 25.8
51 12.6 12.3 18.5





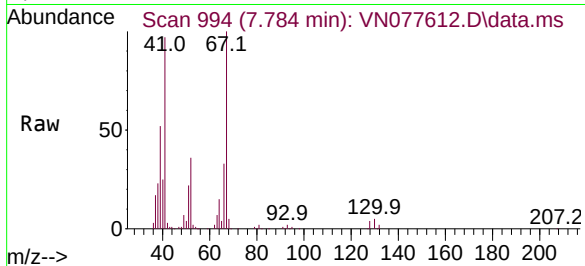
#35
Methacrylonitrile
Concen: 97.213 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.005 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100



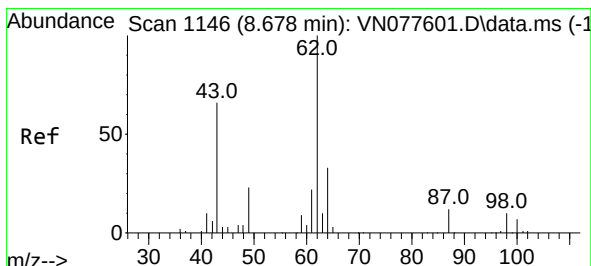
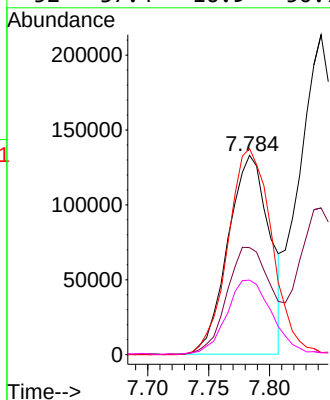
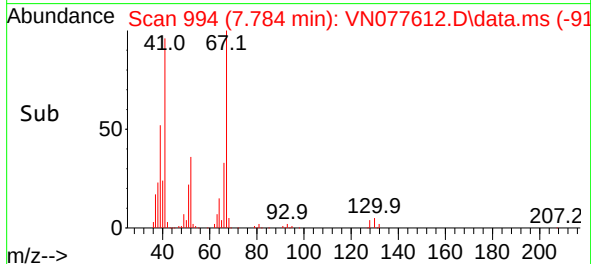
Tgt Ion: 41 Resp: 314758
Ion Ratio Lower Upper
41 100
39 53.6 28.7 86.3
67 103.7 42.7 128.1
52 37.4 16.9 50.7

Manual Integrations

APPROVED

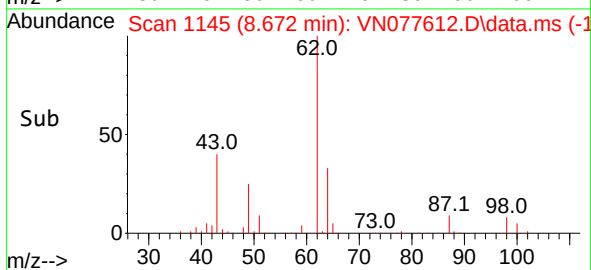
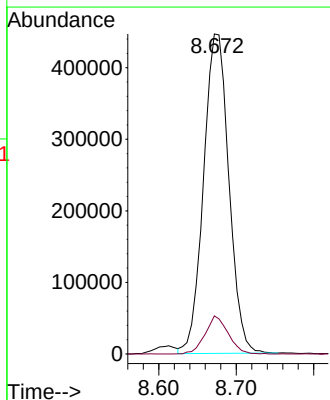
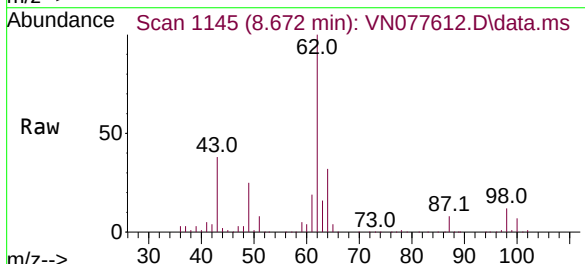
Reviewed By :John Carlone 05/09/2023

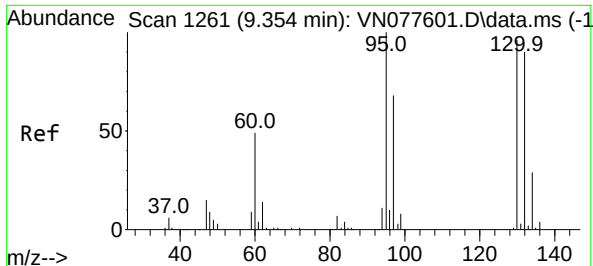
Supervised By :Mahesh Dadoda 05/09/2023



#36
1,2-Dichloroethane
Concen: 94.226 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion: 62 Resp: 1015125
Ion Ratio Lower Upper
62 100
98 10.8 7.6 11.4





#37

Trichloroethene

Concen: 95.791 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion:130 Resp: 800169

Ion Ratio Lower Upper

130 100

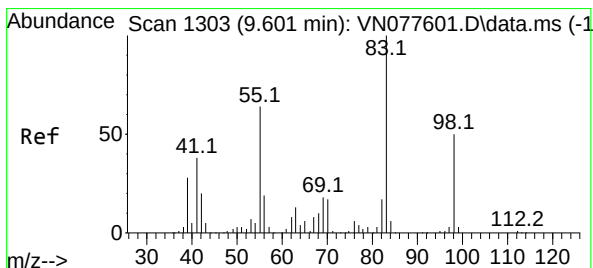
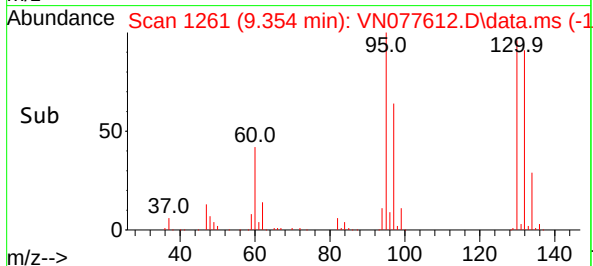
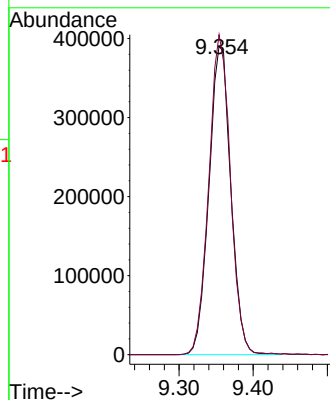
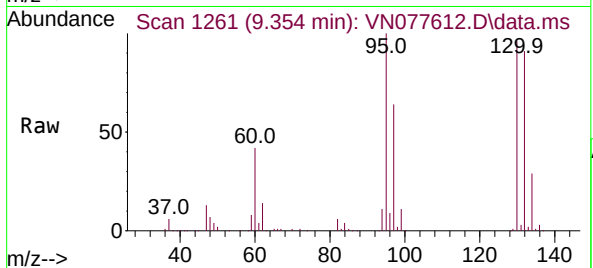
95 103.6 83.0 124.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#38

Methylcyclohexane

Concen: 98.631 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

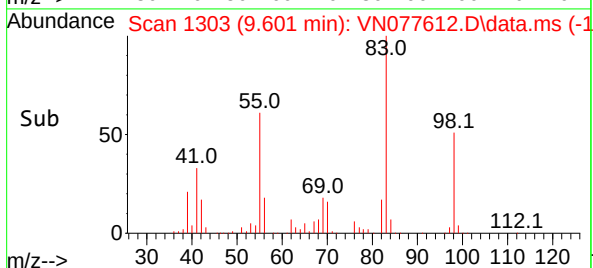
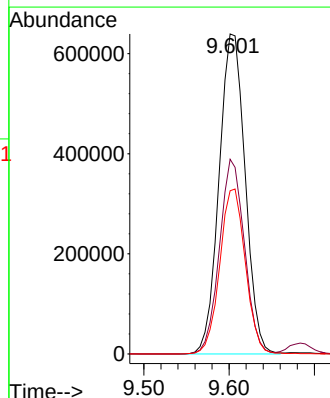
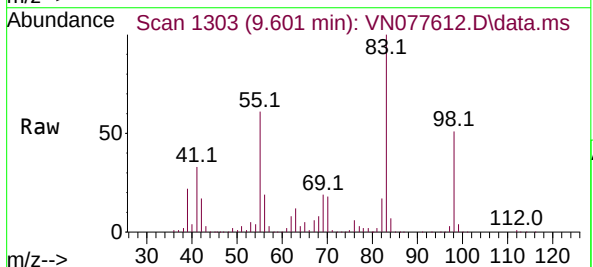
Tgt Ion: 83 Resp: 1359073

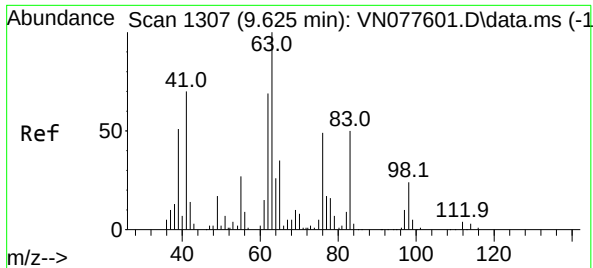
Ion Ratio Lower Upper

83 100

55 58.4 33.6 100.8

98 50.6 25.3 75.8





#39

1,2-Dichloropropane

Concen: 94.775 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 63 Resp: 70904

Ion Ratio Lower Upper

63 100

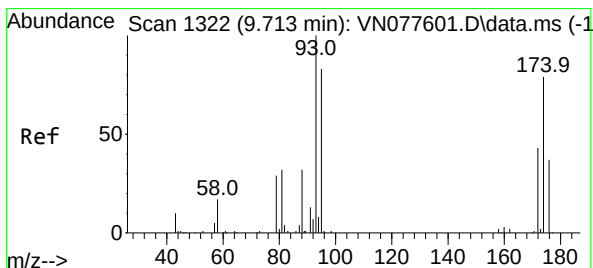
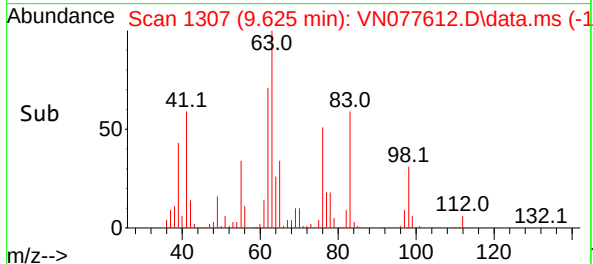
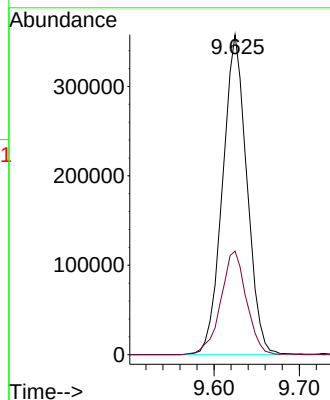
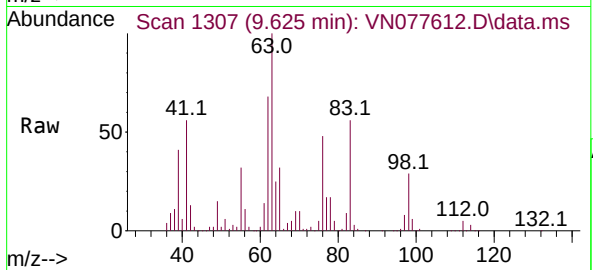
65 32.4 28.2 42.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#40

Dibromomethane

Concen: 97.328 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

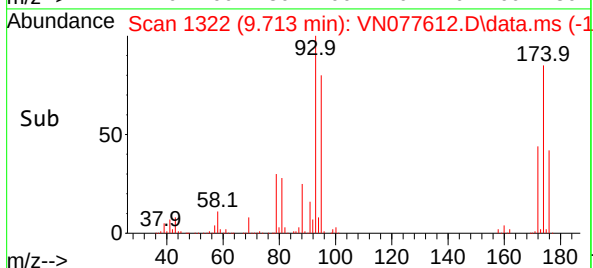
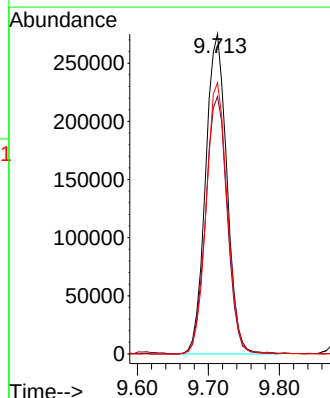
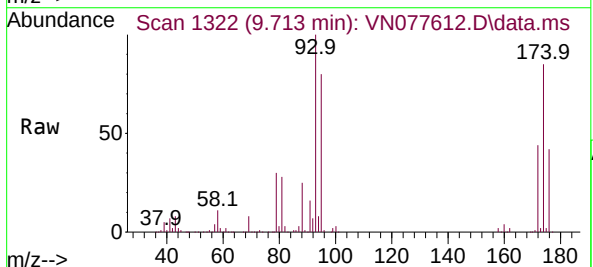
Tgt Ion: 93 Resp: 574057

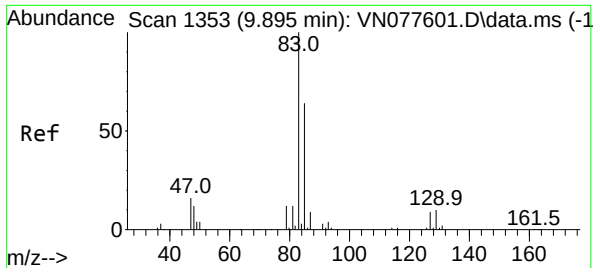
Ion Ratio Lower Upper

93 100

95 81.4 0.0 164.0

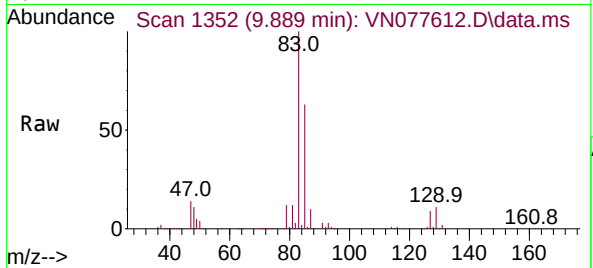
174 84.0 0.0 157.0





#41
Bromodichloromethane
Concen: 98.902 ug/l
RT: 9.889 min Scan# 1174630
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

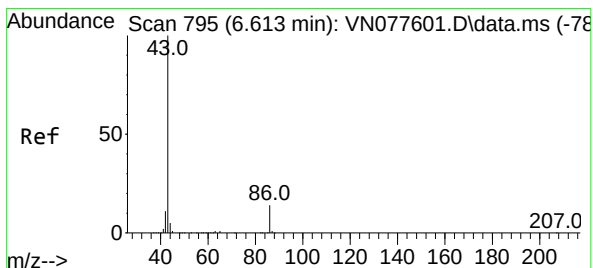
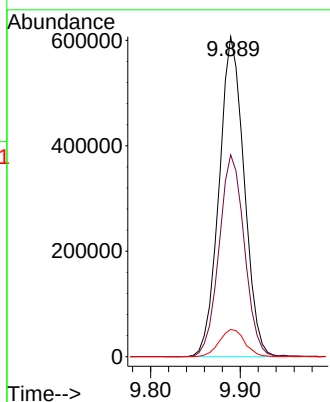
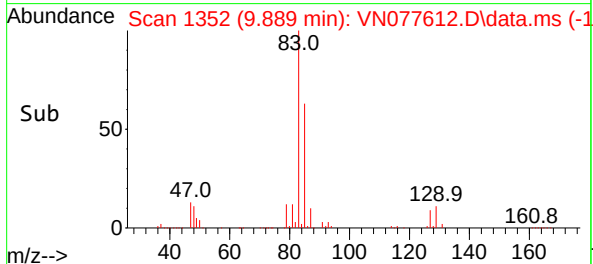
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 1174630
Ion Ratio Lower Upper
83 100
85 63.1 51.2 76.8
127 8.5 7.3 10.9

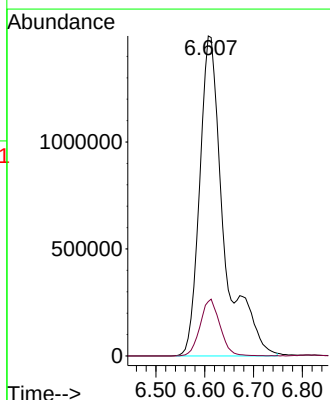
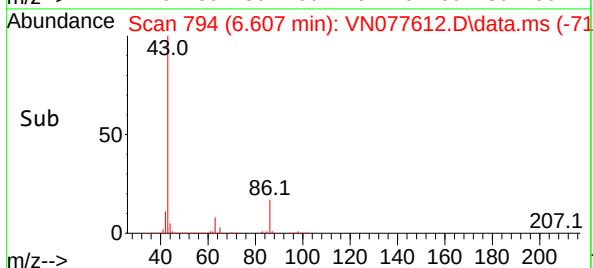
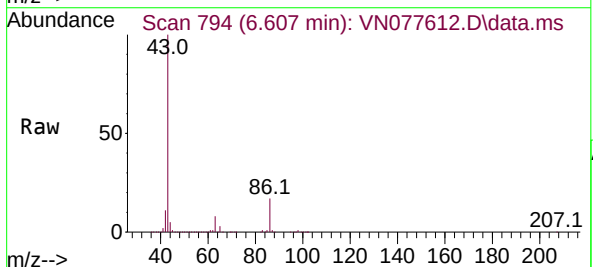
Manual Integrations
APPROVED

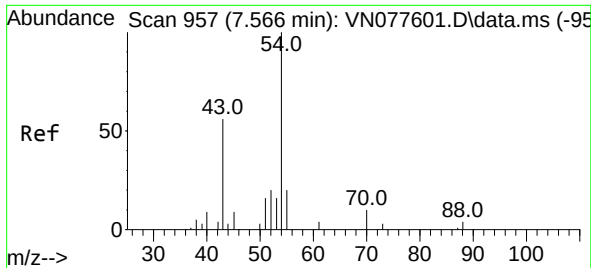
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#42
Vinyl Acetate
Concen: 536.499 ug/l m
RT: 6.607 min Scan# 794
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

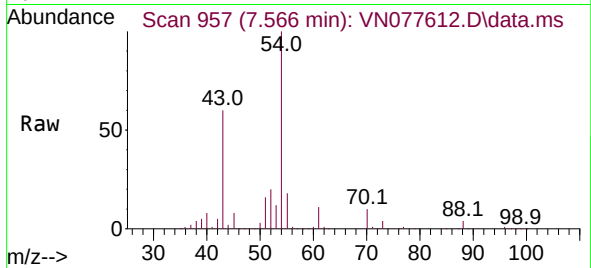
Tgt Ion: 43 Resp: 5142023
Ion Ratio Lower Upper
43 100
86 14.5 10.3 15.5





#43
Ethyl Acetate
Concen: 97.575 ug/l m
RT: 7.566 min Scan# 957
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

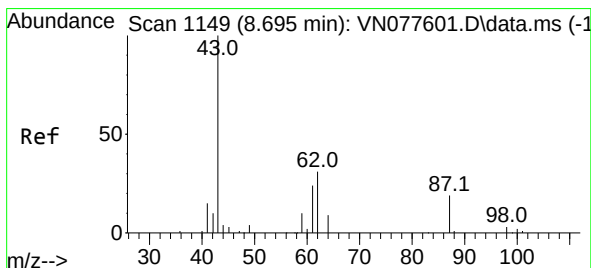
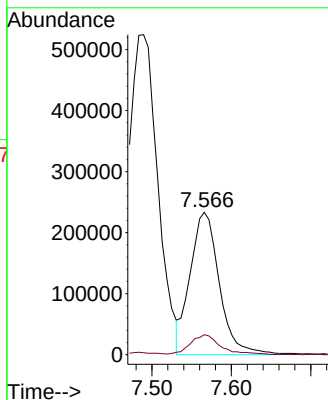
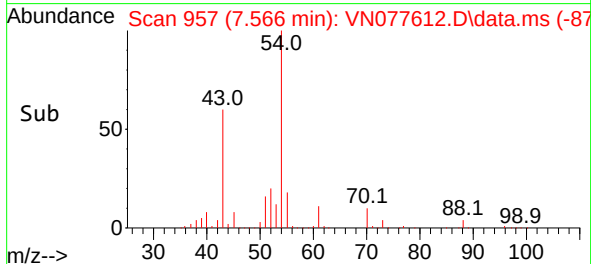
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



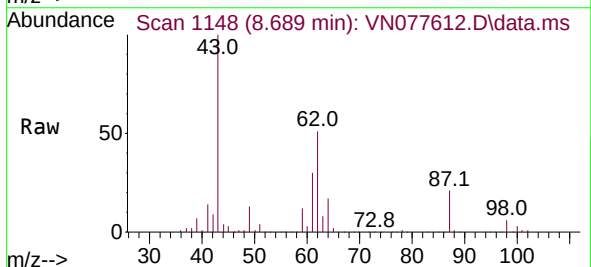
Tgt Ion: 43 Resp: 59723
Ion Ratio Lower Upper
43 100
45 0.0 8.2 12.4

Manual Integrations
APPROVED

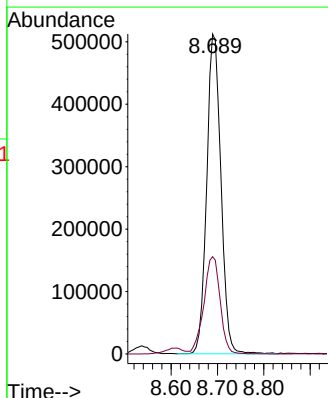
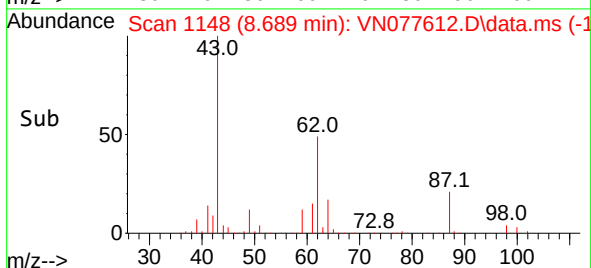
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

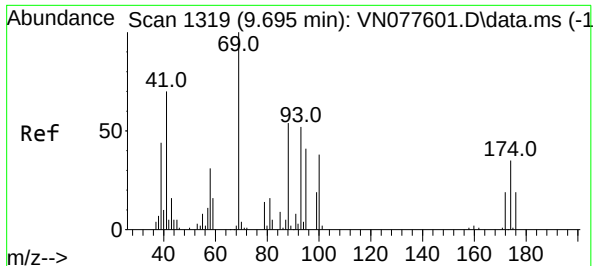


#44
Isopropyl Acetate
Concen: 97.388 ug/l m
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10



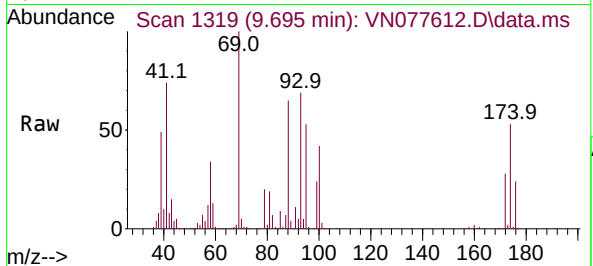
Tgt Ion: 43 Resp: 1093401
Ion Ratio Lower Upper
43 100
61 0.0 23.2 34.8





#45
1,4-Dioxane
Concen: 2053.956 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

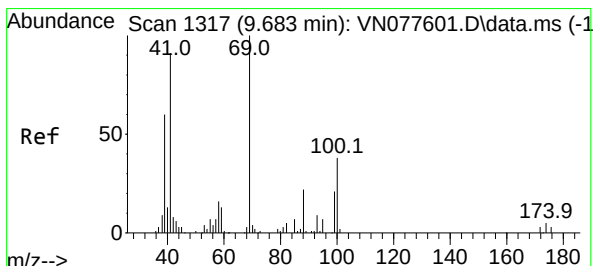
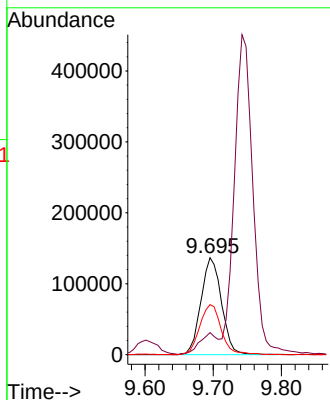
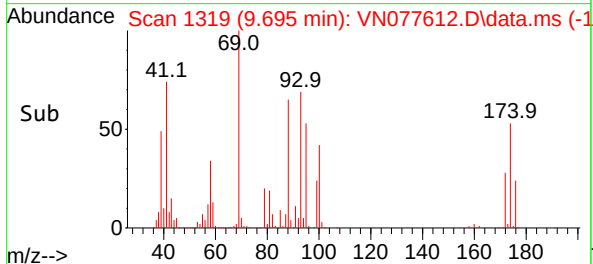
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



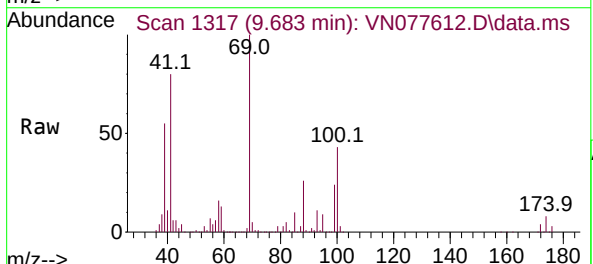
Tgt Ion: 88 Resp: 28658
Ion Ratio Lower Upper
88 100
43 18.6 18.2 27.2
58 53.6 47.5 71.3

Manual Integrations
APPROVED

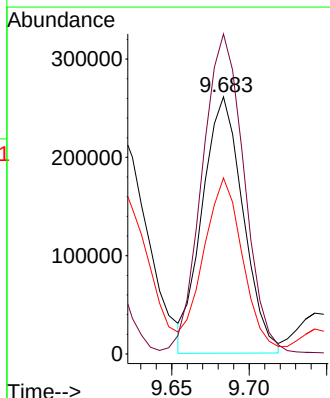
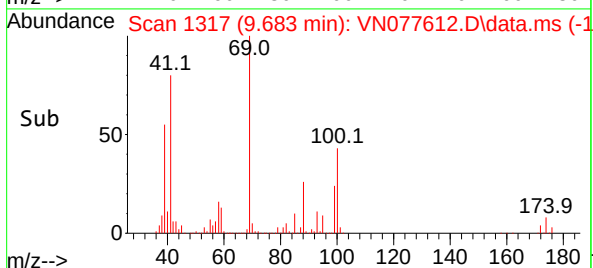
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

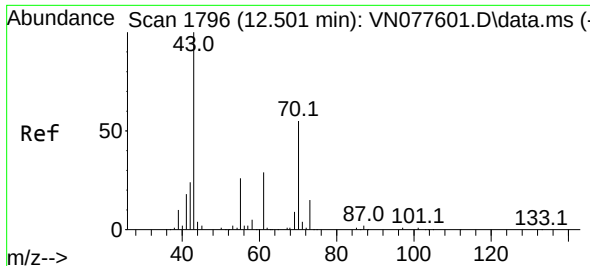


#46
Methyl methacrylate
Concen: 94.759 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10



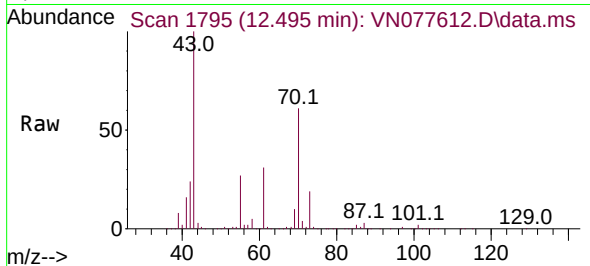
Tgt Ion: 41 Resp: 477686
Ion Ratio Lower Upper
41 100
69 126.0 52.0 156.0
39 68.4 33.6 100.6





#47
n-amy1 Acetate
Concen: 103.904 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

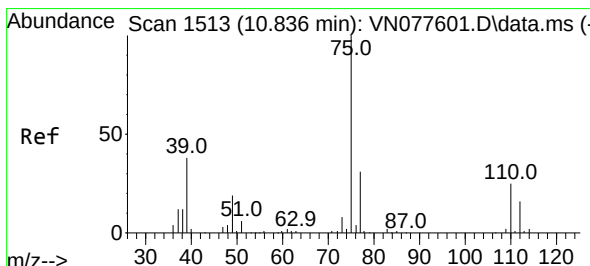
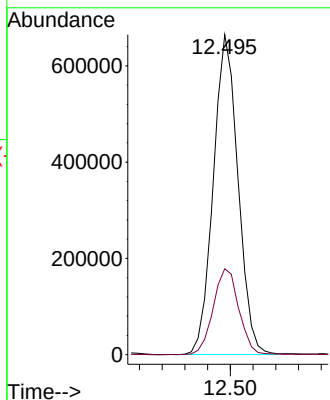
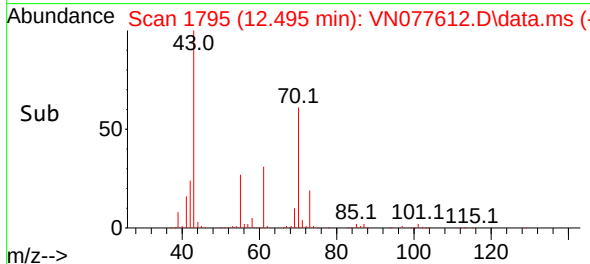
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion: 43 Resp: 1004472
Ion Ratio Lower Upper
43 100
55 27.8 21.4 32.0

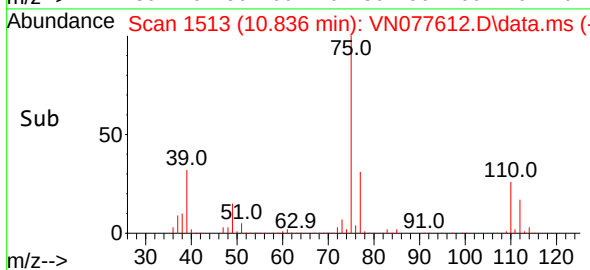
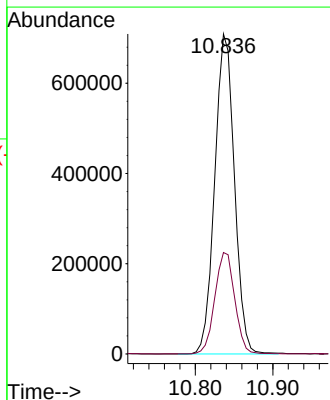
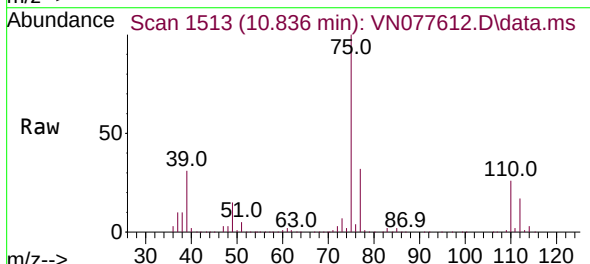
Manual Integrations
APPROVED

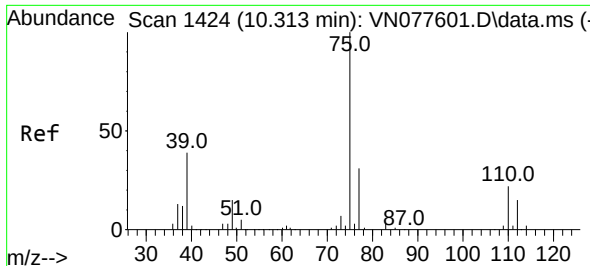
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#48
t-1,3-Dichloropropene
Concen: 104.622 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion: 75 Resp: 1252700
Ion Ratio Lower Upper
75 100
77 31.6 25.1 37.7





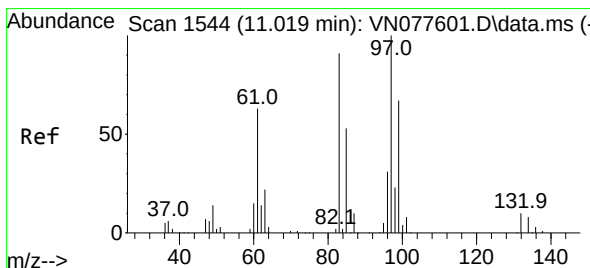
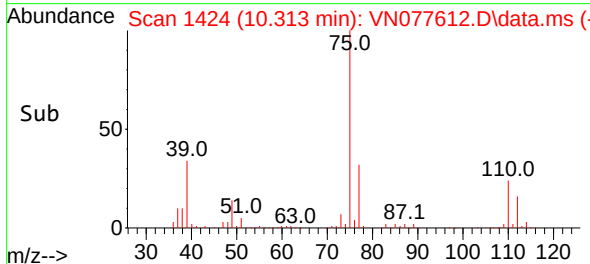
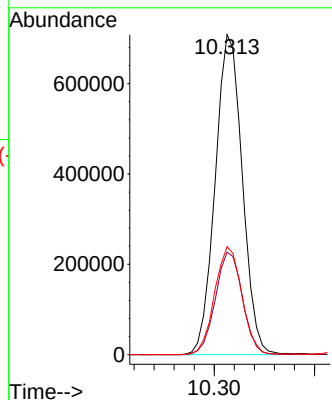
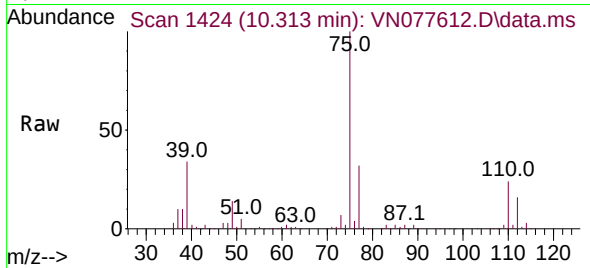
#49
 cis-1,3-Dichloropropene
 Concen: 101.309 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077612.D
 Acq: 08 May 2023 12:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Tgt Ion: 75 Resp: 132955
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.7 37.1
 39 33.7 31.0 46.6

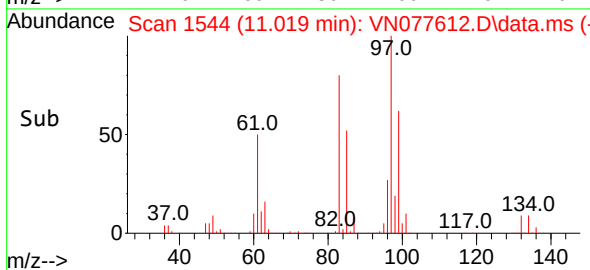
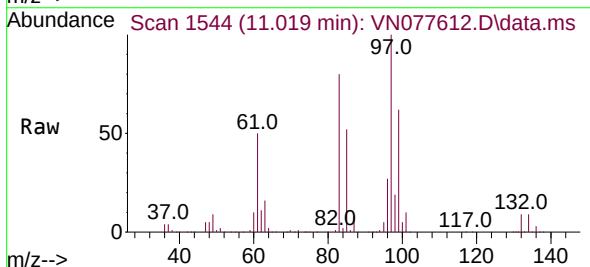
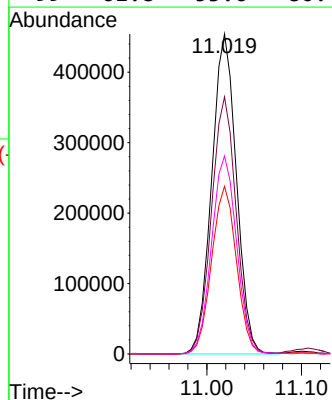
Manual Integrations
 APPROVED

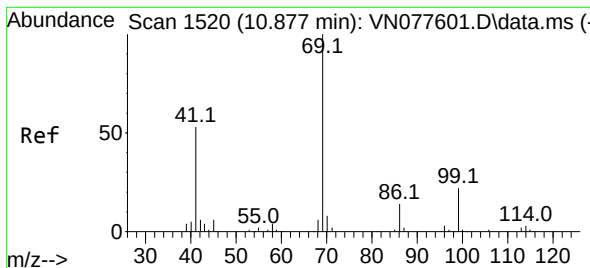
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023



#50
 1,1,2-Trichloroethane
 Concen: 96.868 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077612.D
 Acq: 08 May 2023 12:10

Tgt Ion: 97 Resp: 822802
 Ion Ratio Lower Upper
 97 100
 83 80.2 72.6 108.8
 85 52.3 42.6 63.8
 99 61.8 53.6 80.4





#51
Ethyl methacrylate
Concen: 101.737 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

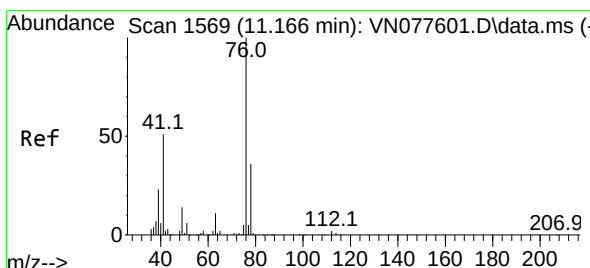
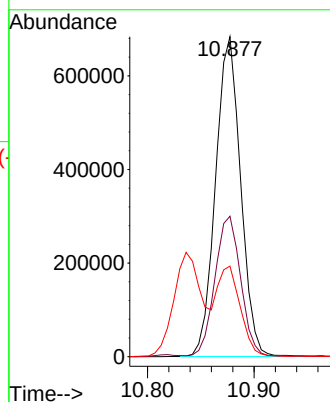
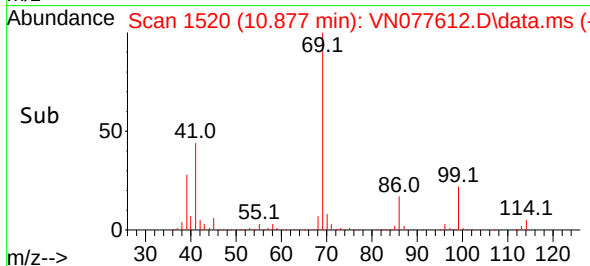
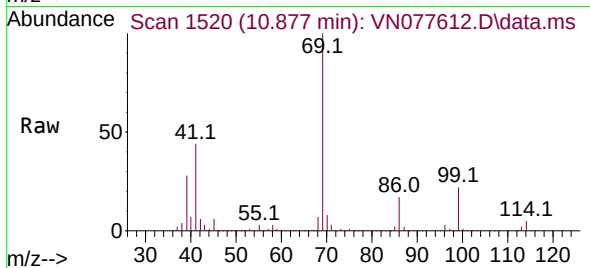
VSTDICC100

Tgt Ion: 69 Resp: 1115540
Ion Ratio Lower Upper
69 100
41 43.7 26.3 78.9
39 28.2 18.1 54.1

Manual Integrations

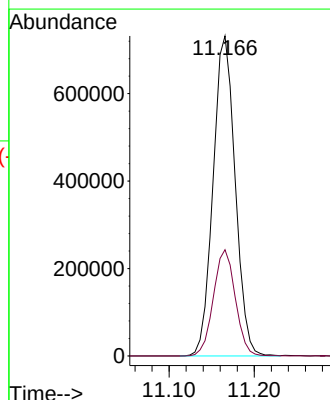
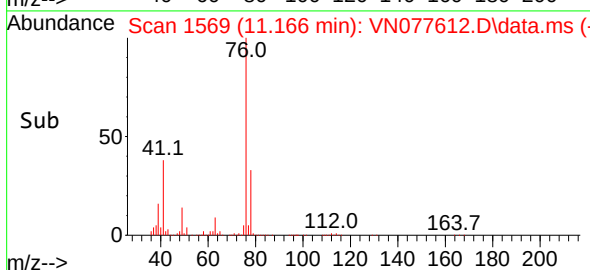
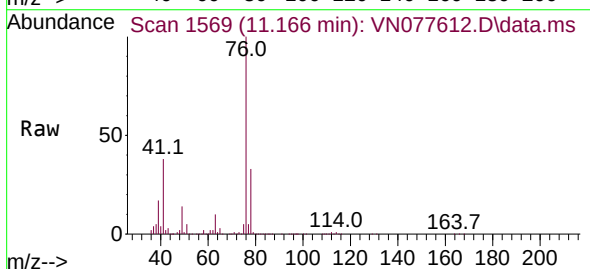
APPROVED

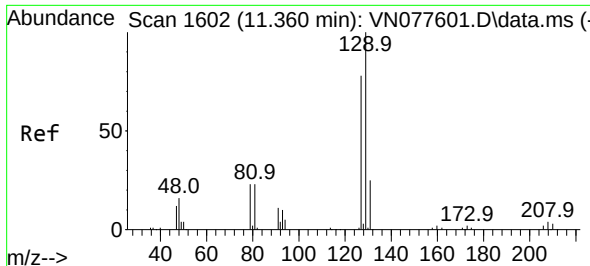
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#52
1,3-Dichloropropane
Concen: 95.775 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

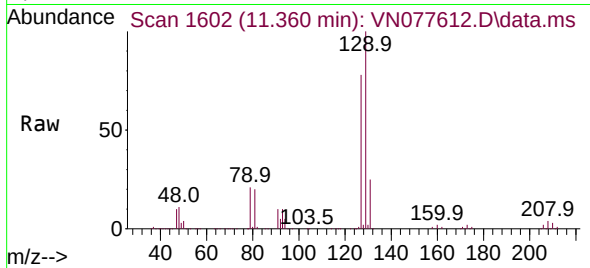
Tgt Ion: 76 Resp: 1315344
Ion Ratio Lower Upper
76 100
78 33.0 0.0 66.4





#53
Dibromochloromethane
Concen: 102.116 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

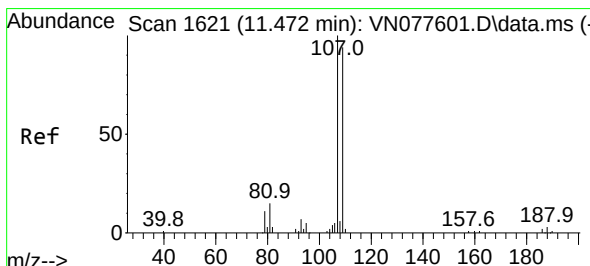
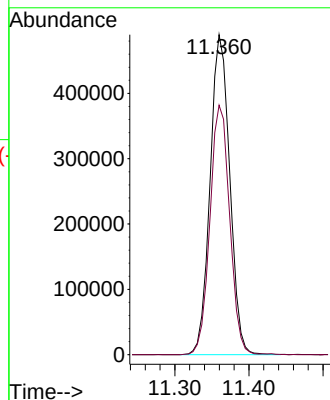
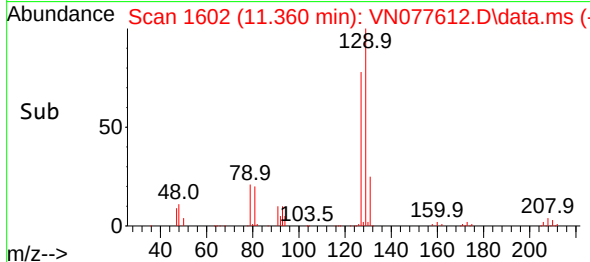
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



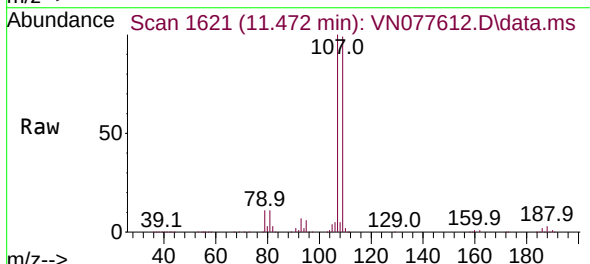
Tgt Ion:129 Resp: 902429
Ion Ratio Lower Upper
129 100
127 78.2 39.4 118.1

Manual Integrations
APPROVED

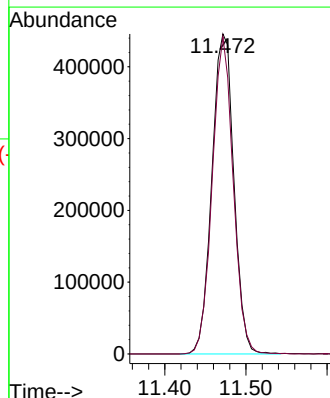
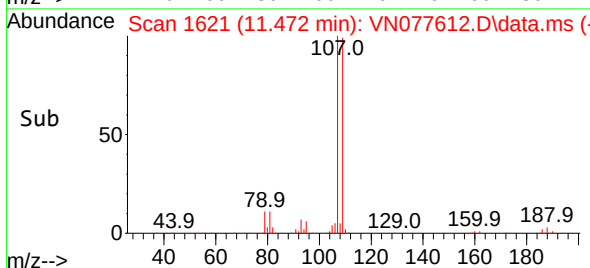
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

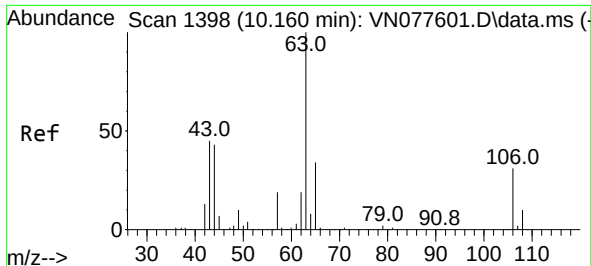


#54
1,2-Dibromoethane
Concen: 99.421 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10



Tgt Ion:107 Resp: 838850
Ion Ratio Lower Upper
107 100
109 94.3 77.4 116.2





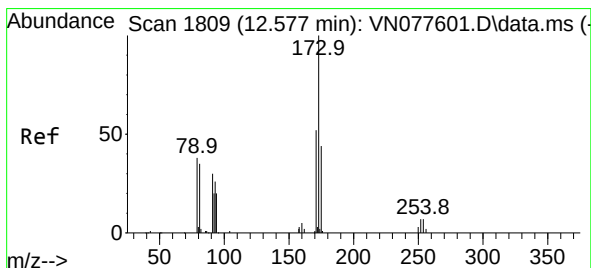
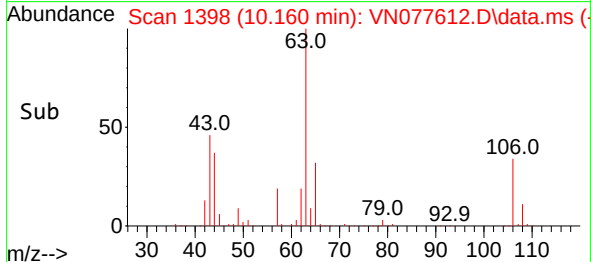
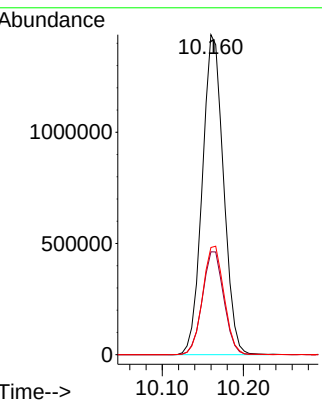
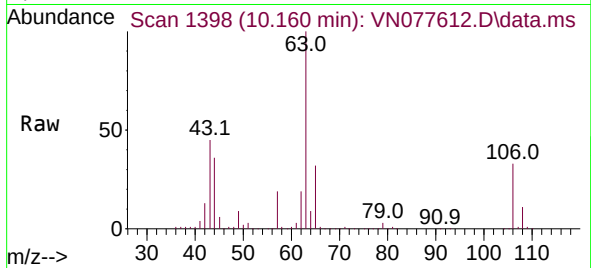
#55
2-Chloroethyl vinyl ether
Concen: 525.925 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion: 63 Resp: 260775
Ion Ratio Lower Upper
63 100
65 32.7 26.8 40.2
106 34.2 25.6 38.4

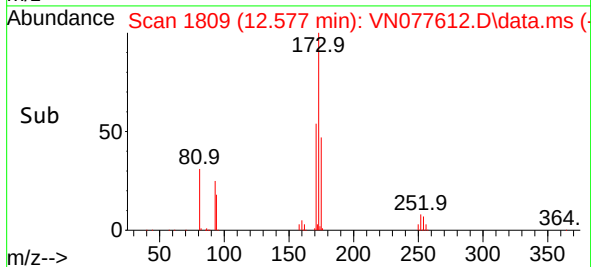
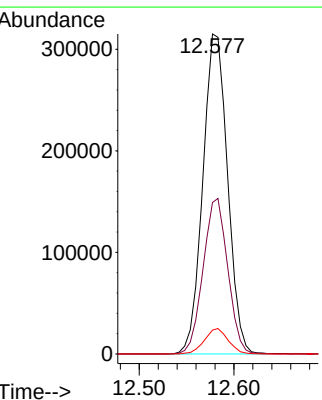
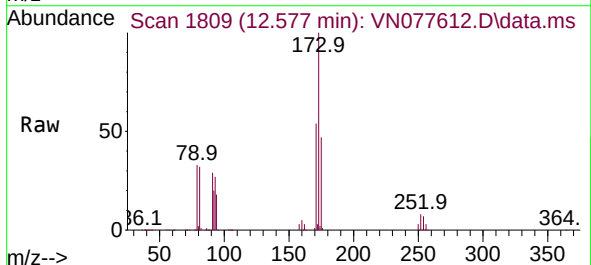
Manual Integrations
APPROVED

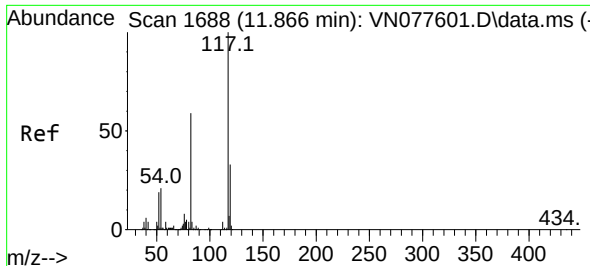
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#56
Bromoform
Concen: 110.111 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

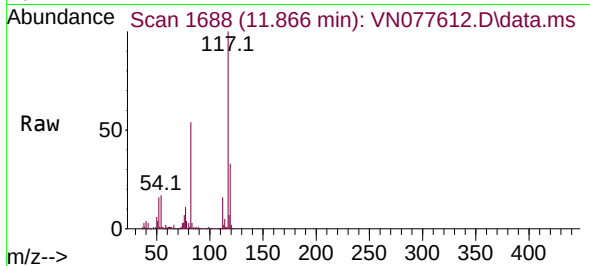
Tgt Ion:173 Resp: 572569
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.2
254 7.6 5.8 8.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

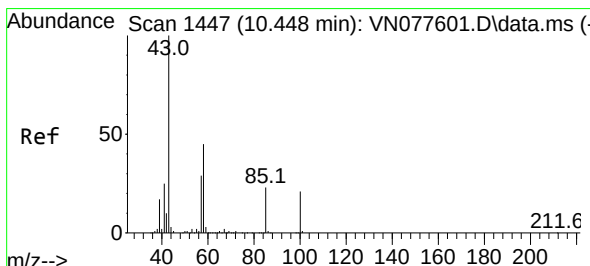
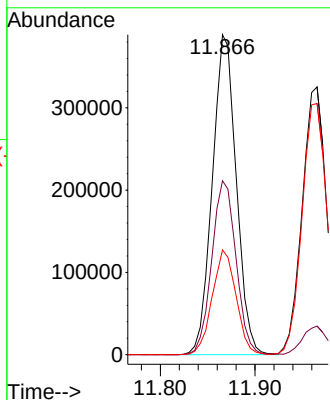
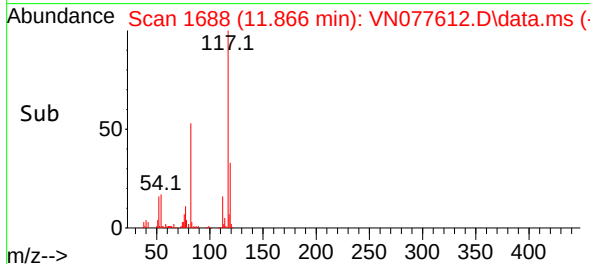
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion:117 Resp: 68488
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 32.6 26.6 39.8

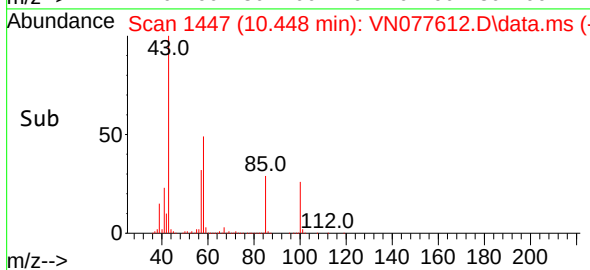
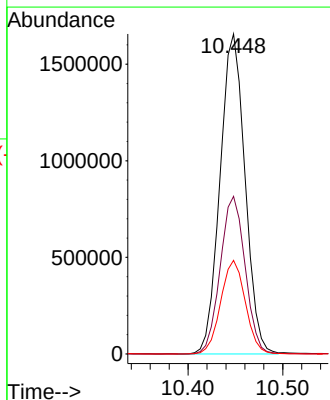
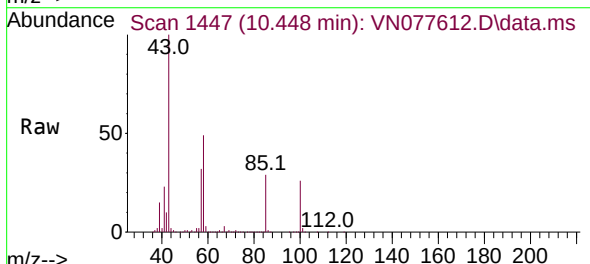
Manual Integrations
APPROVED

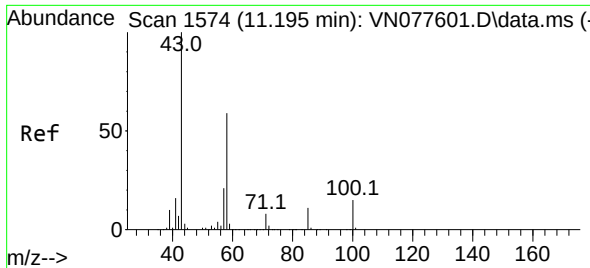
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#58
4-Methyl-2-Pentanone
Concen: 481.233 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

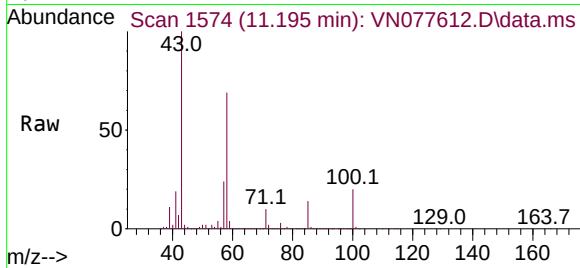
Tgt Ion: 43 Resp: 3035155
Ion Ratio Lower Upper
43 100
58 49.1 35.4 53.2
85 28.9 18.2 27.2





#59
2-Hexanone
Concen: 477.921 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

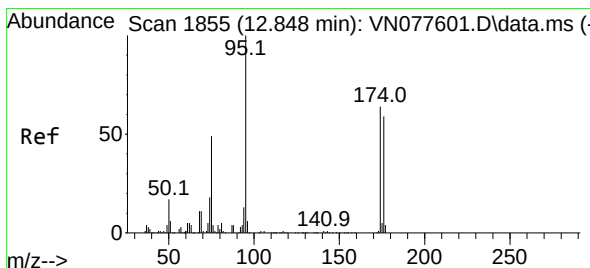
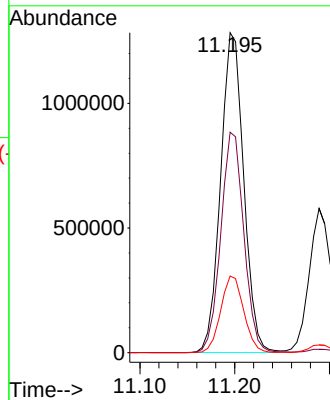
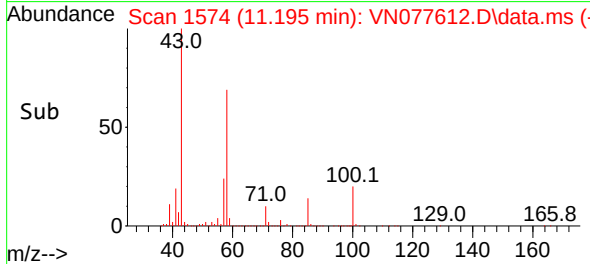
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 43 Resp: 217588
Ion Ratio Lower Upper
43 100
58 68.9 48.2 72.2
57 24.0 17.3 25.9

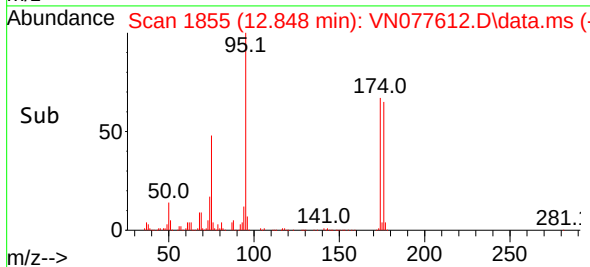
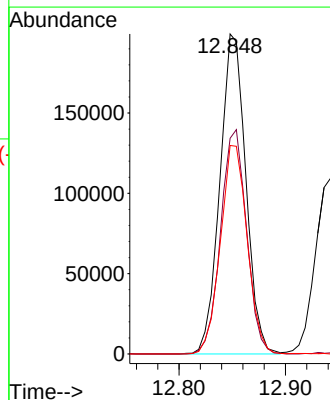
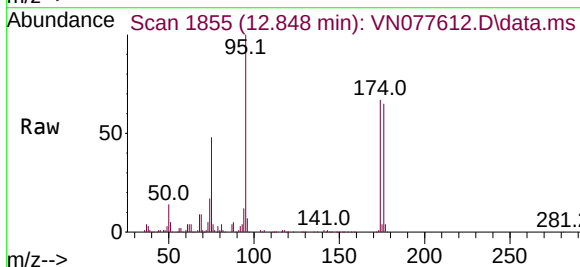
Manual Integrations
APPROVED

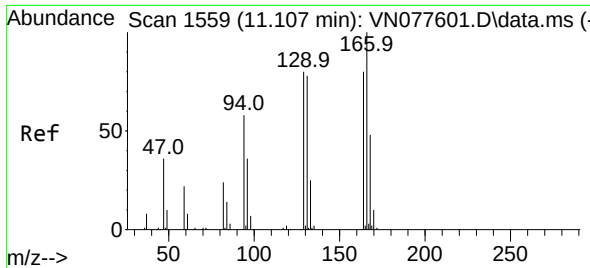
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#60
4-Bromofluorobenzene
Concen: 30.948 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

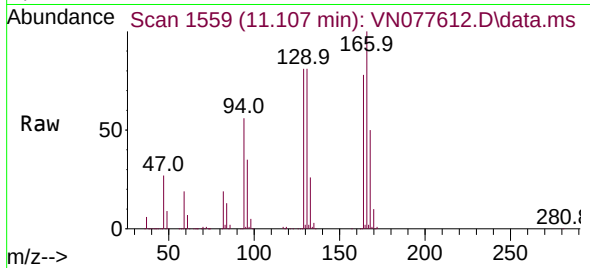
Tgt Ion: 95 Resp: 337031
Ion Ratio Lower Upper
95 100
174 70.0 53.4 80.0
176 67.3 50.0 75.0





#61
Tetrachloroethene
Concen: 95.564 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

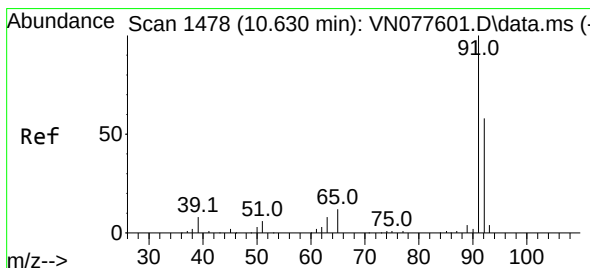
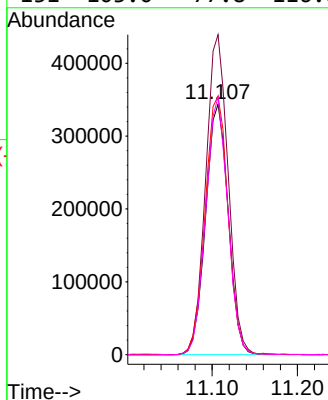
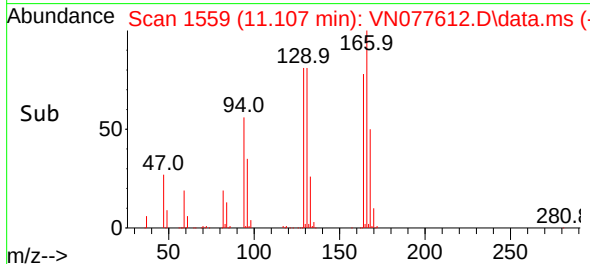
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



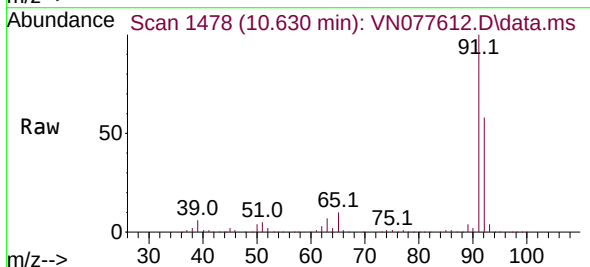
Tgt Ion:164 Resp: 633085
Ion Ratio Lower Upper
164 100
166 127.7 100.5 150.7
129 103.2 80.6 120.8
131 103.0 77.8 116.8

Manual Integrations
APPROVED

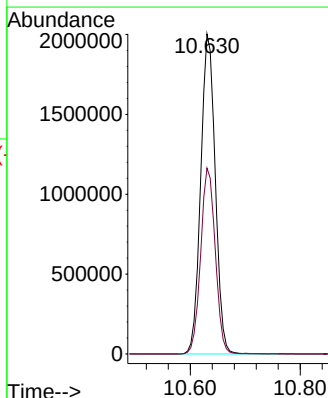
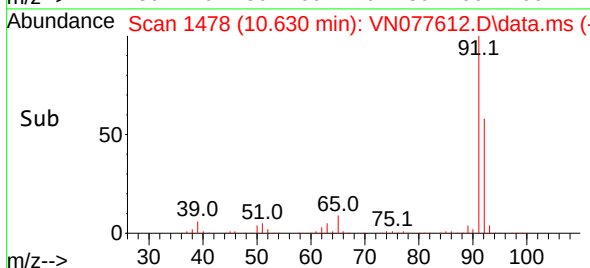
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

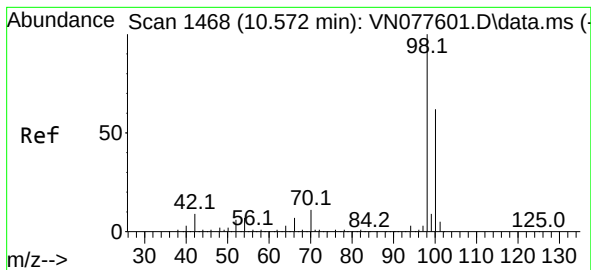


#62
Toluene
Concen: 96.941 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10



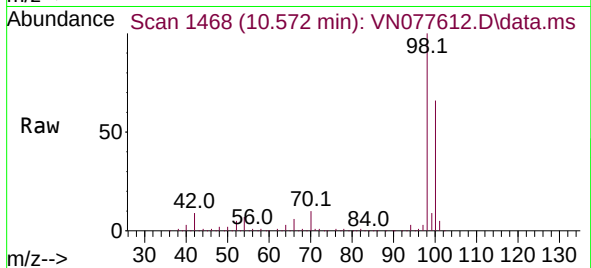
Tgt Ion: 91 Resp: 3675799
Ion Ratio Lower Upper
91 100
92 58.3 47.0 70.6





#63
Toluene-d8
Concen: 29.274 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

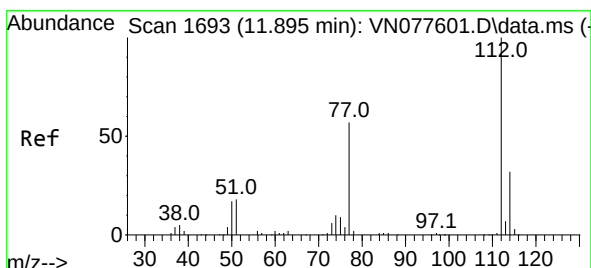
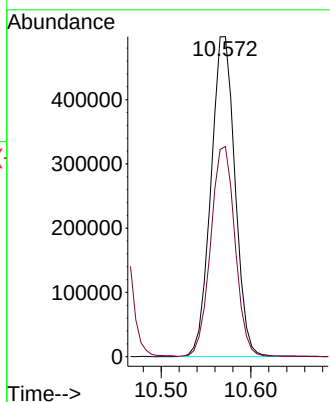
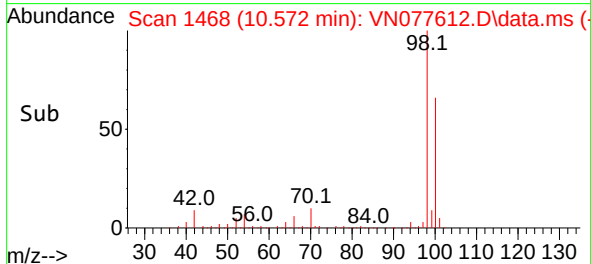
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



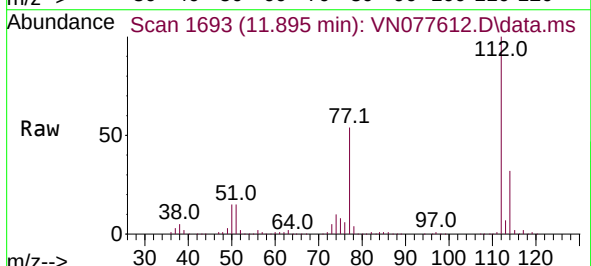
Tgt Ion: 98 Resp: 926020
Ion Ratio Lower Upper
98 100
100 66.5 52.1 78.1

Manual Integrations
APPROVED

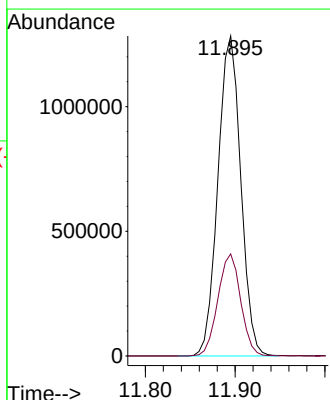
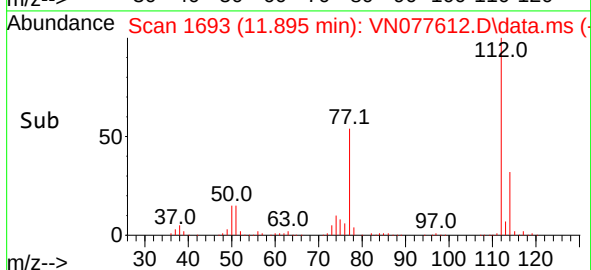
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

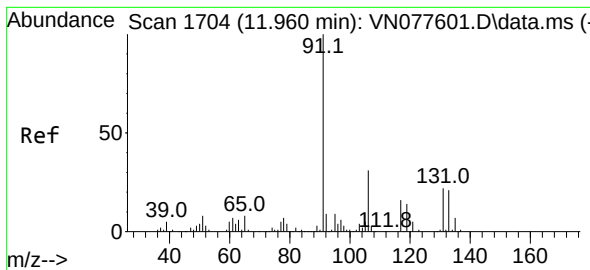


#64
Chlorobenzene
Concen: 97.305 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10



Tgt Ion:112 Resp: 2269056
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8





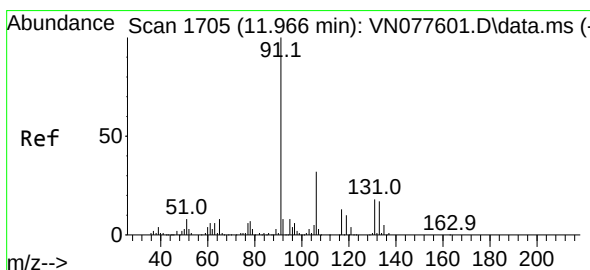
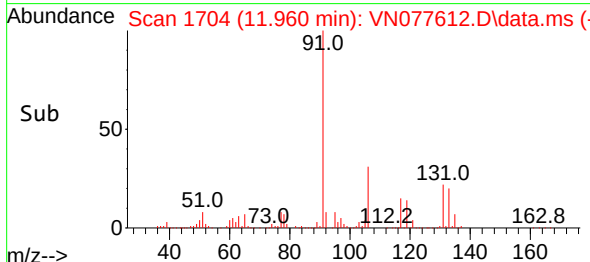
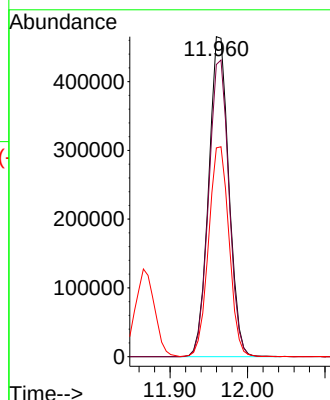
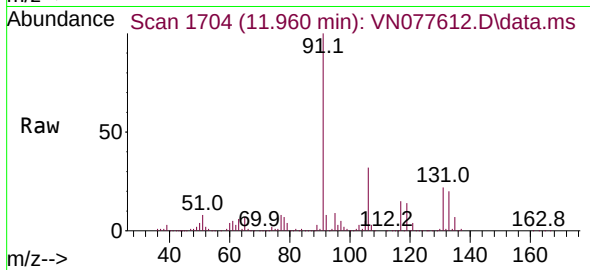
#65
1,1,1,2-Tetrachloroethane
Concen: 100.012 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:131 Resp: 841345
Ion Ratio Lower Upper
131 100
133 93.4 0.0 181.2
119 66.5 0.0 125.0

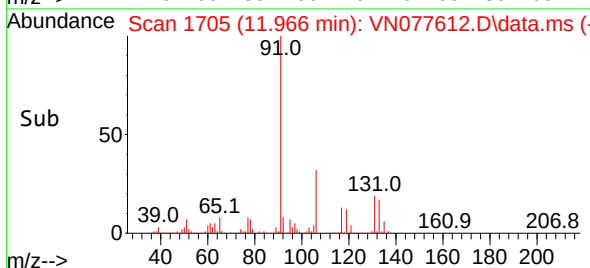
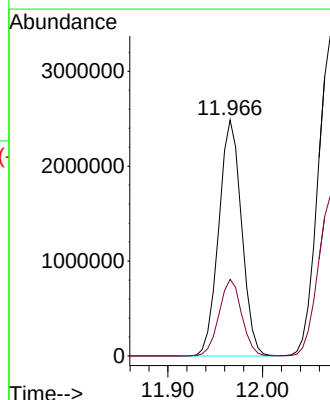
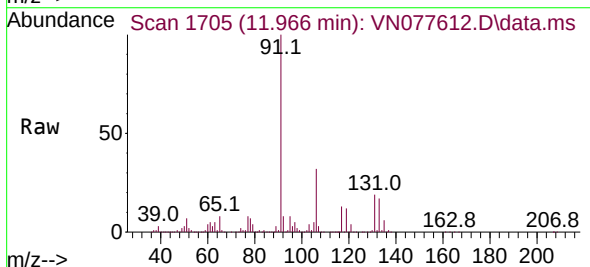
Manual Integrations
APPROVED

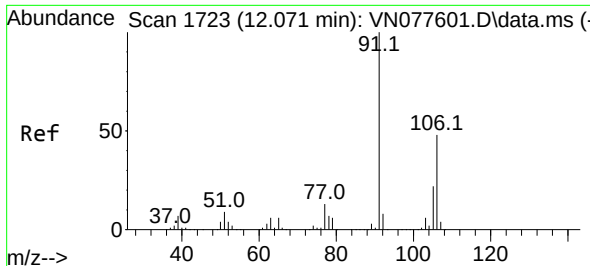
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#66
Ethyl Benzene
Concen: 99.269 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion: 91 Resp: 4170653
Ion Ratio Lower Upper
91 100
106 32.5 25.7 38.5





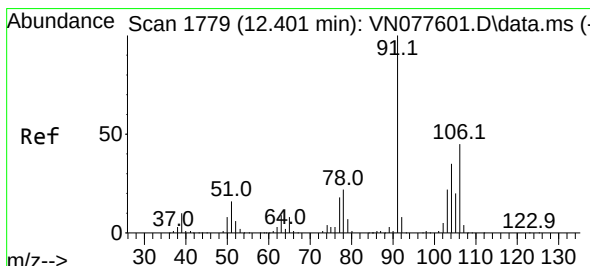
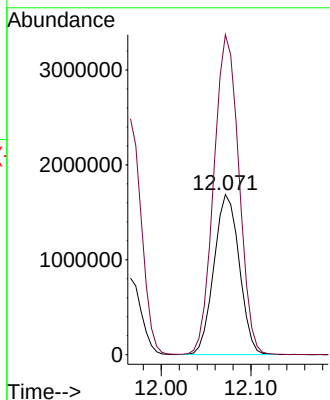
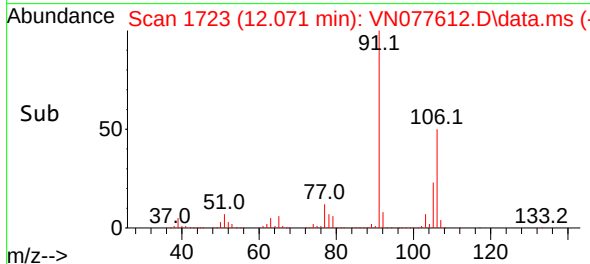
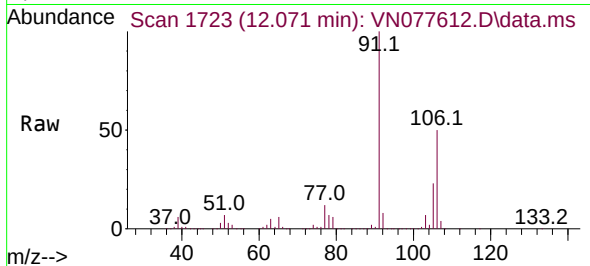
#67
m/p-Xylenes
Concen: 199.754 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:106 Resp: 330194
Ion Ratio Lower Upper
106 100
91 198.6 162.6 244.0

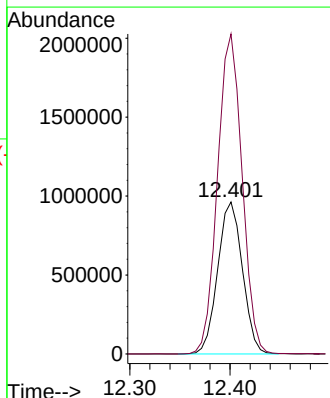
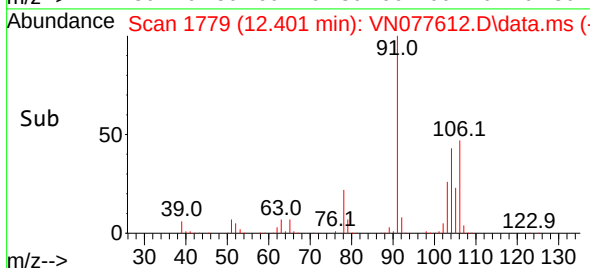
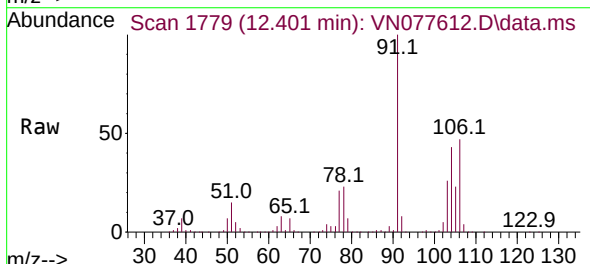
Manual Integrations
APPROVED

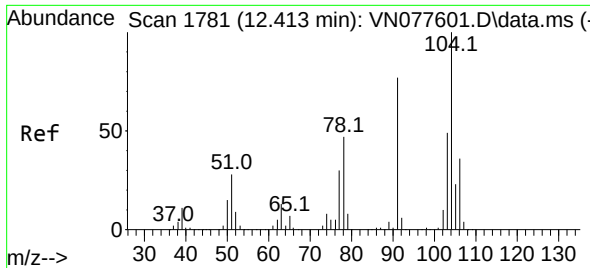
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#68
o-Xylene
Concen: 101.086 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion:106 Resp: 1646710
Ion Ratio Lower Upper
106 100
91 209.1 109.5 328.4





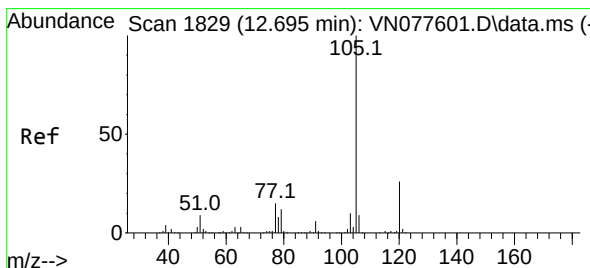
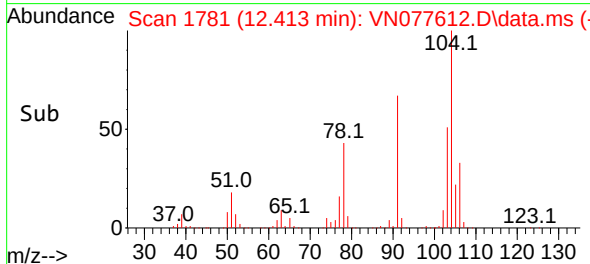
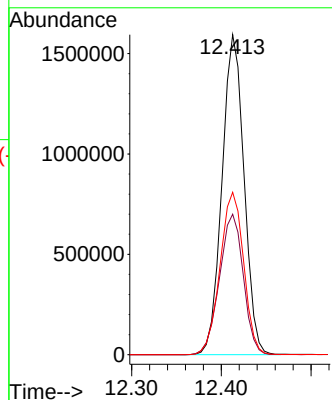
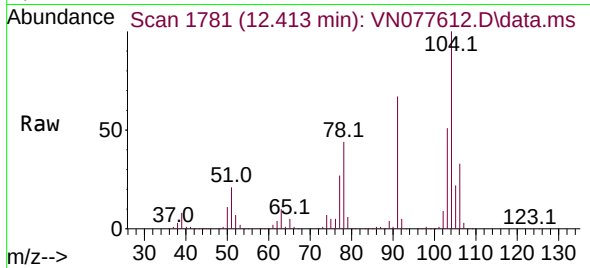
#69
Styrene
Concen: 104.237 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Tgt Ion:104 Resp: 2715140
Ion Ratio Lower Upper
104 100
78 47.5 41.3 61.9
103 54.5 44.0 66.0

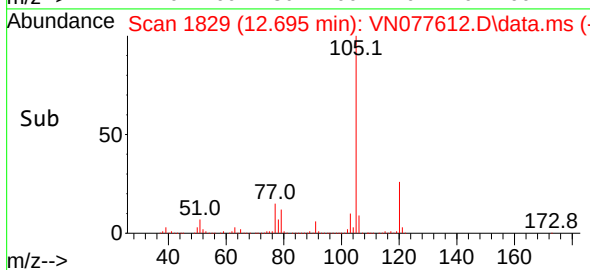
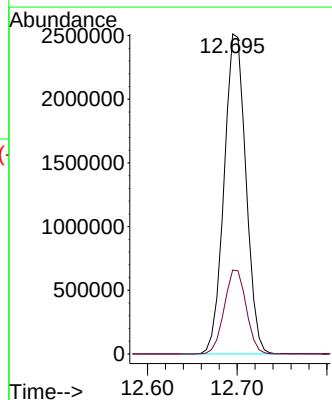
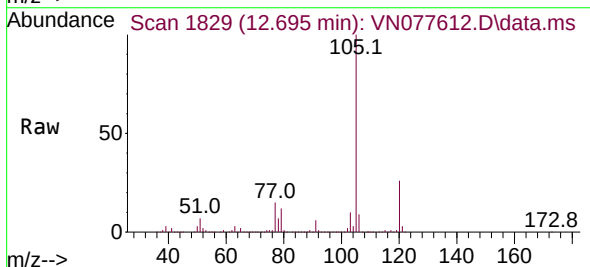
Manual Integrations
APPROVED

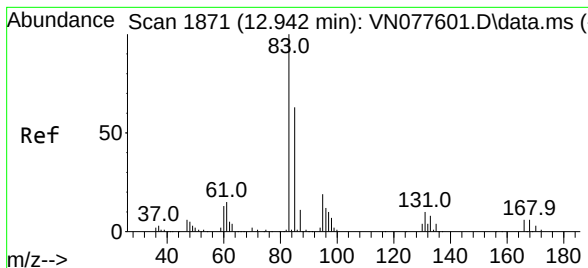
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#70
Isopropylbenzene
Concen: 100.144 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

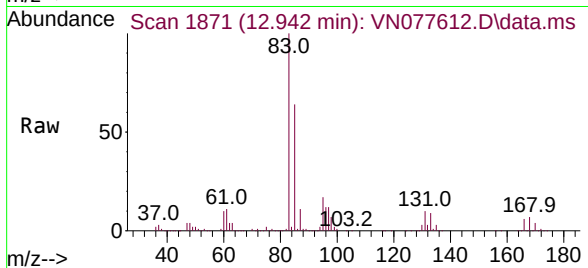
Tgt Ion:105 Resp: 4237319
Ion Ratio Lower Upper
105 100
120 26.4 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 98.108 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

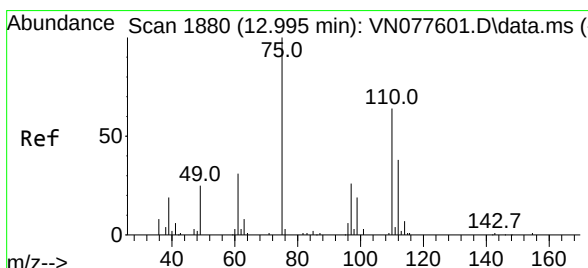
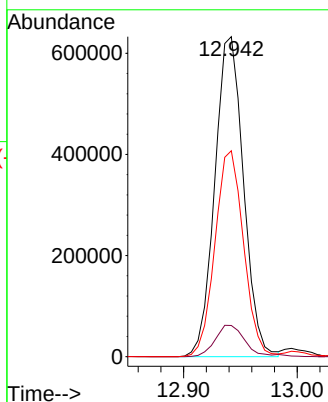
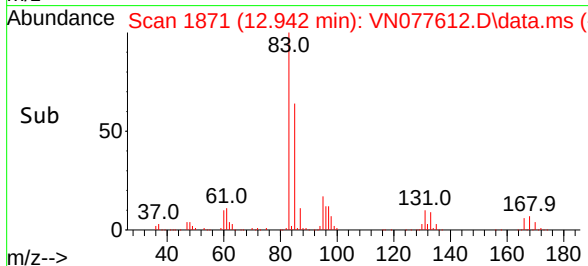
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 83 Resp: 111320
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.3
85 64.0 33.4 100.2

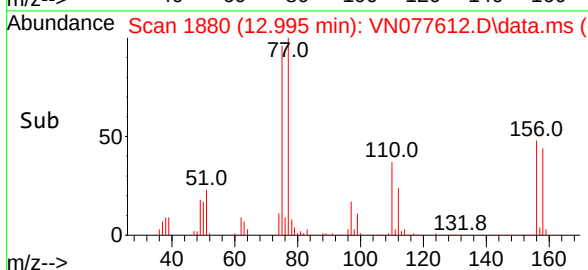
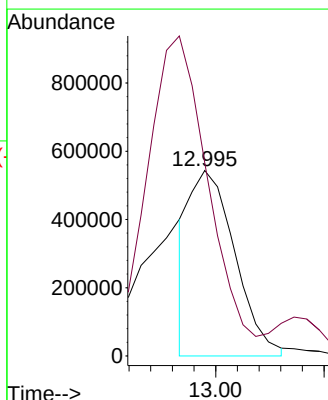
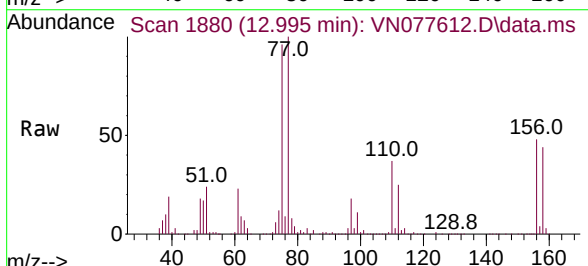
Manual Integrations
APPROVED

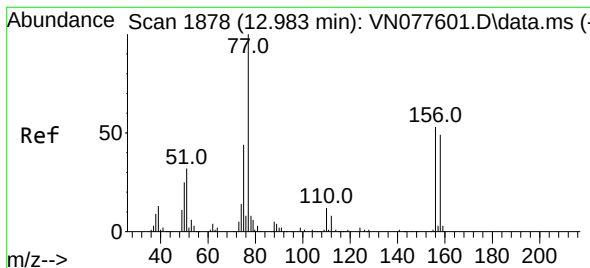
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#72
1,2,3-Trichloropropane
Concen: 79.696 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion: 75 Resp: 791874
Ion Ratio Lower Upper
75 100
77 235.1 0.0 354.6





#73

Bromobenzene

Concen: 100.947 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC100

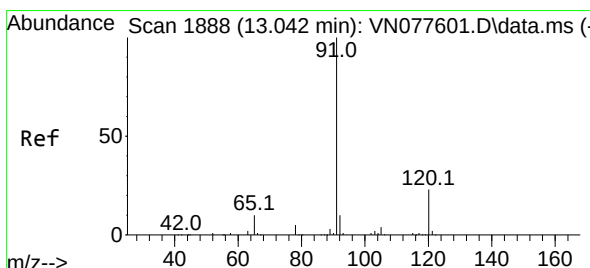
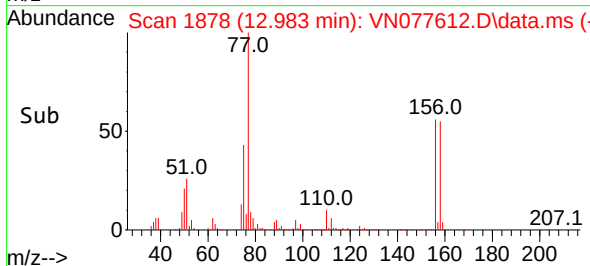
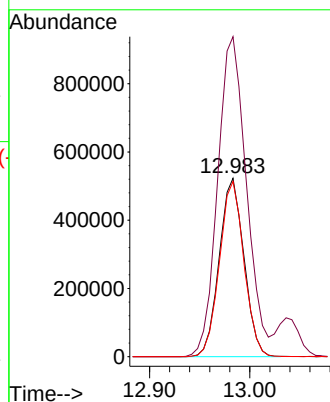
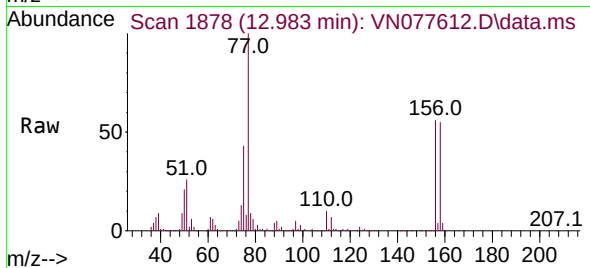
Tgt Ion:	156	Resp:	89312
Ion Ratio	Lower	Upper	
156	100		
77	208.4	0.0	466.4
158	97.2	0.0	196.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#74

n-propylbenzene

Concen: 103.984 ug/l

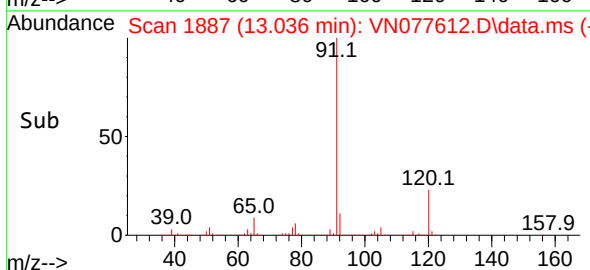
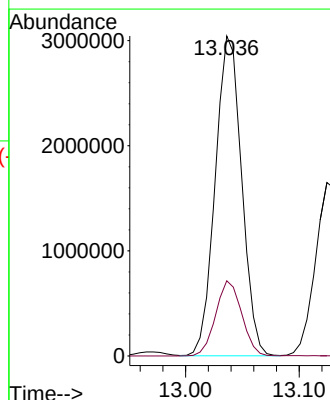
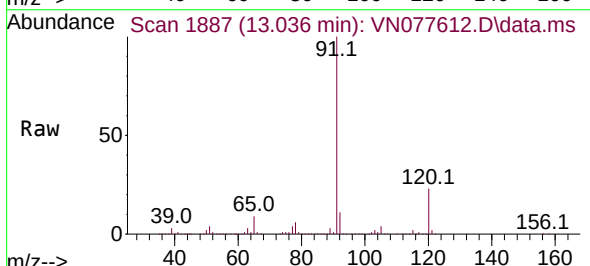
RT: 13.036 min Scan# 1887

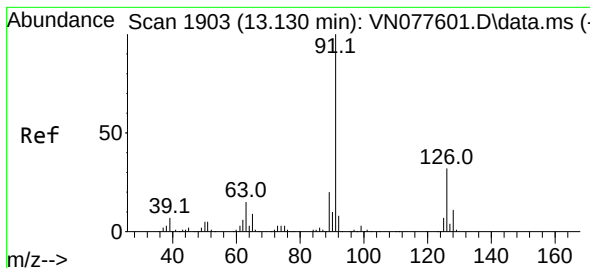
Delta R.T. -0.006 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

Tgt Ion:	91	Resp:	4919427
Ion Ratio	Lower	Upper	
91	100		
120	23.1	0.0	45.6





#75

2-Chlorotoluene

Concen: 101.927 ug/l

RT: 13.124 min Scan# 1902

Delta R.T. -0.006 min

Lab File: VN077612.D

Acq: 08 May 2023 12:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC100

Tgt Ion: 91 Resp: 291646

Ion Ratio Lower Upper

91 100

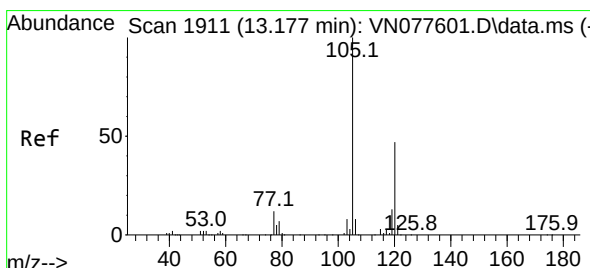
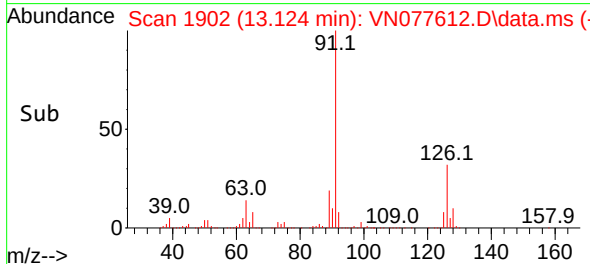
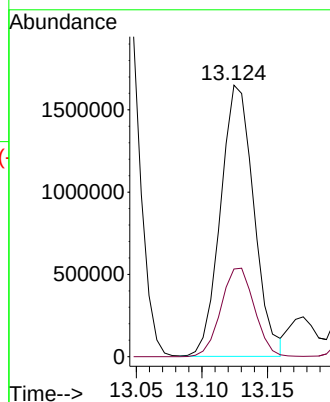
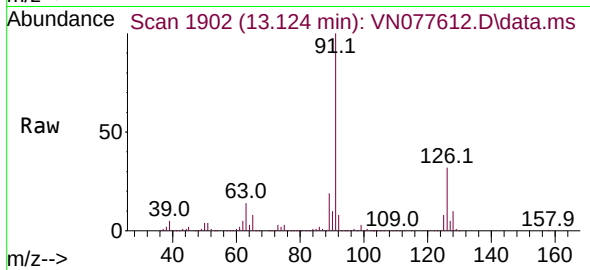
126 32.7 0.0 65.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#76

1,3,5-Trimethylbenzene

Concen: 105.710 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077612.D

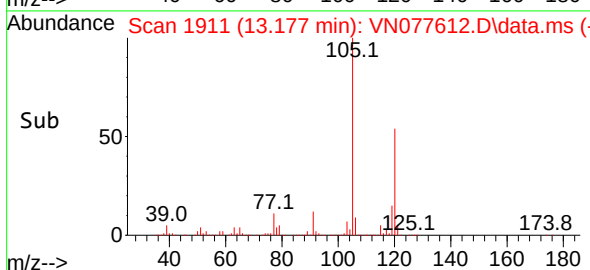
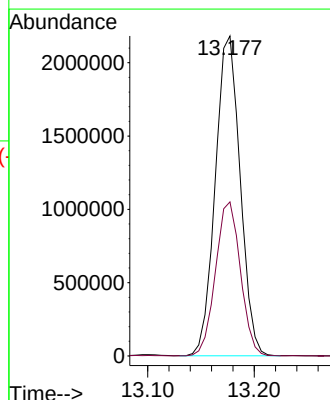
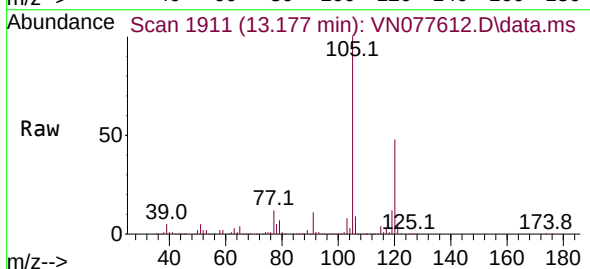
Acq: 08 May 2023 12:10

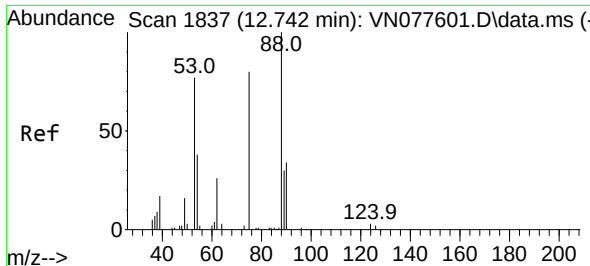
Tgt Ion:105 Resp: 3534837

Ion Ratio Lower Upper

105 100

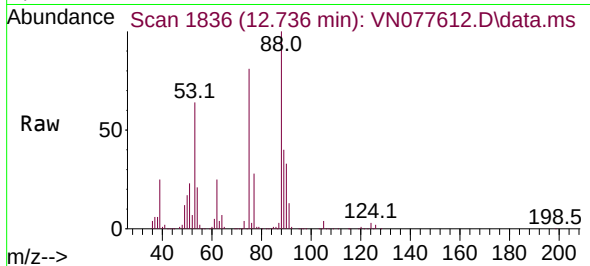
120 48.2 0.0 95.2





#77
t-1,4-Dichloro-2-butene
Concen: 113.440 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

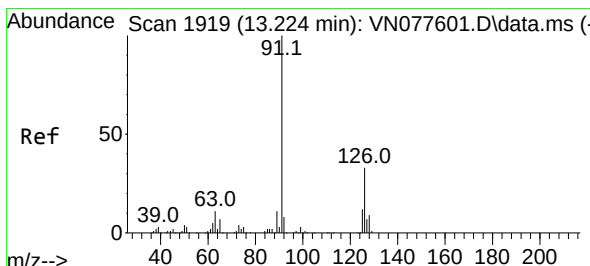
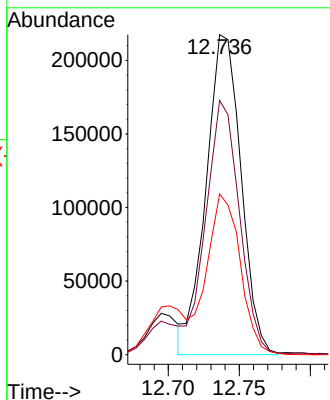
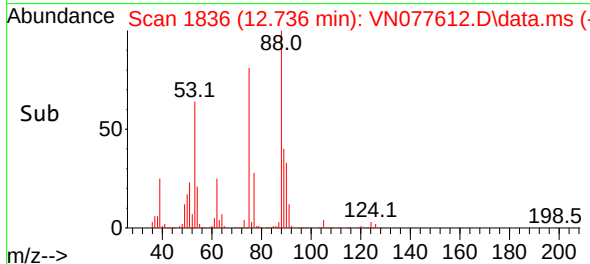
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 75 Resp: 373108
Ion Ratio Lower Upper
75 100
53 79.4 46.9 140.7
89 50.1 21.0 63.0

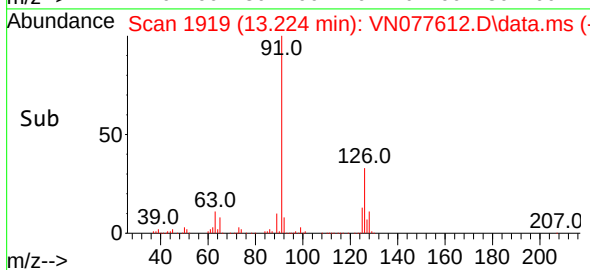
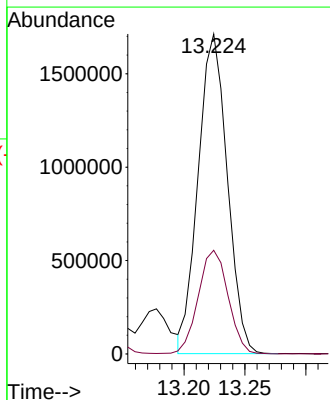
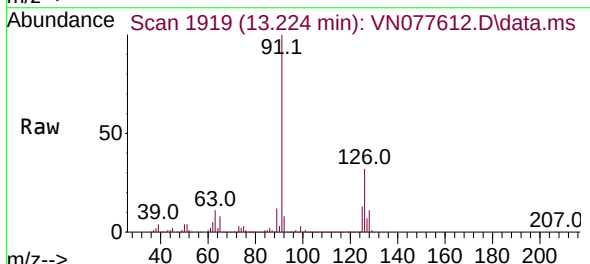
Manual Integrations
APPROVED

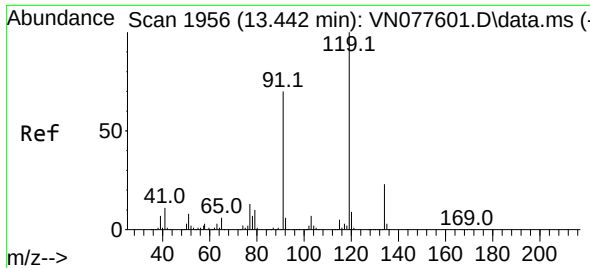
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#78
4-Chlorotoluene
Concen: 101.967 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Tgt Ion: 91 Resp: 2848730
Ion Ratio Lower Upper
91 100
126 33.3 0.0 64.6





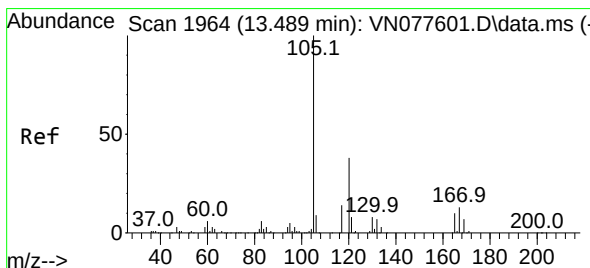
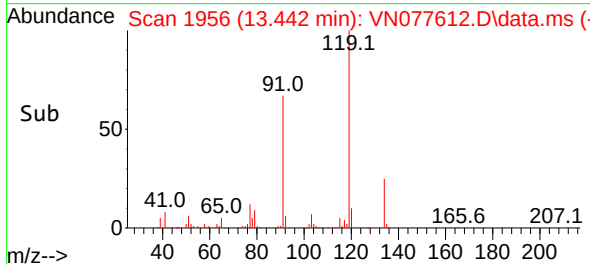
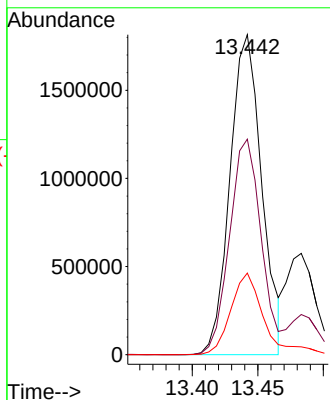
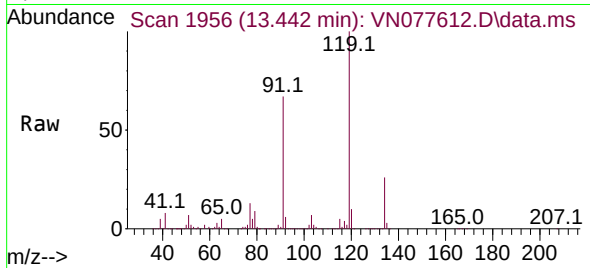
#79
tert-butylbenzene
Concen: 102.355 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100

Tgt Ion:119 Resp: 3065300
Ion Ratio Lower Upper
119 100
91 66.6 0.0 141.6
134 25.2 0.0 46.6

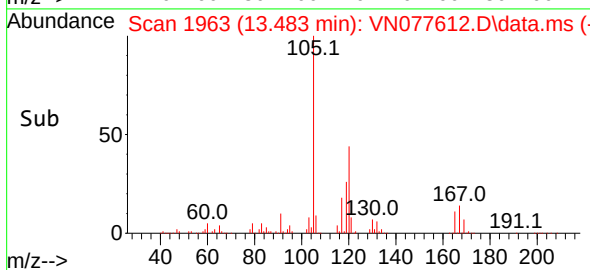
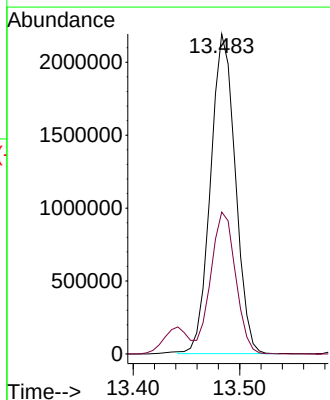
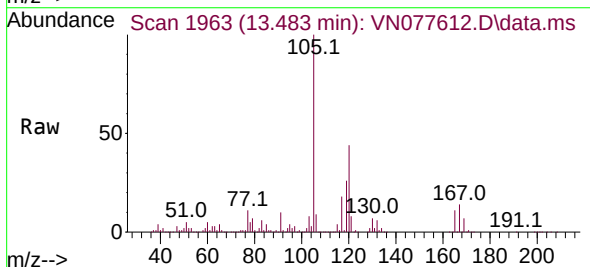
Manual Integrations
APPROVED

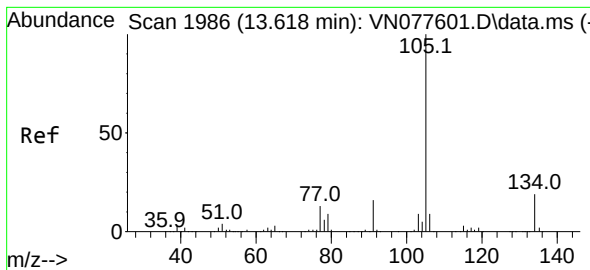
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 108.886 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

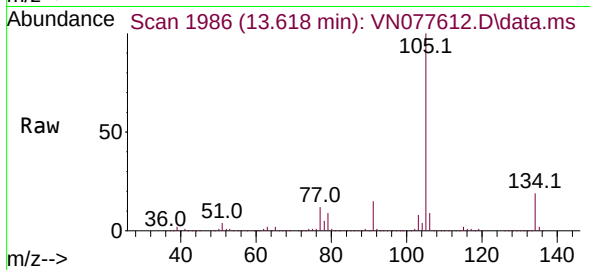
Tgt Ion:105 Resp: 3533575
Ion Ratio Lower Upper
105 100
120 44.1 0.0 88.0





#81
 sec-Butylbenzene
 Concen: 104.753 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077612.D
 Acq: 08 May 2023 12:10

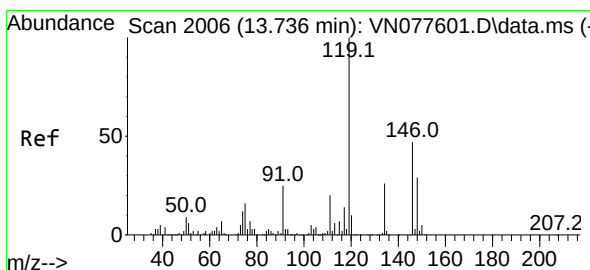
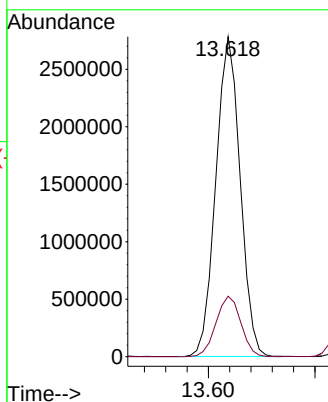
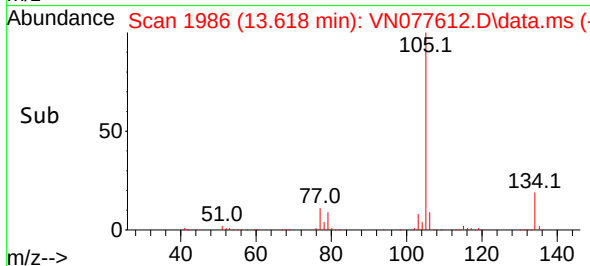
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100



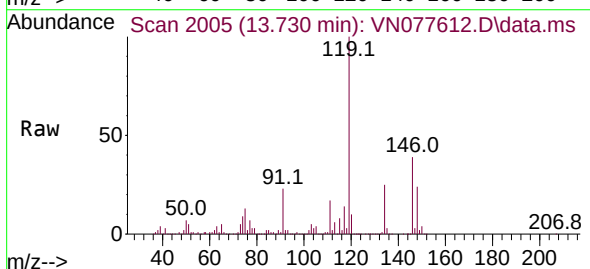
Tgt Ion:105 Resp: 4403320
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 37.8

Manual Integrations
 APPROVED

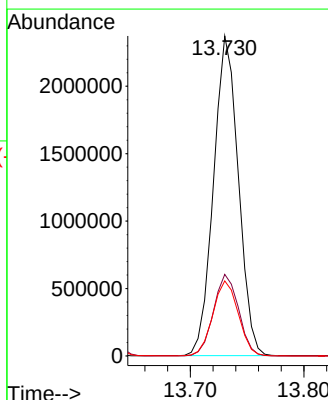
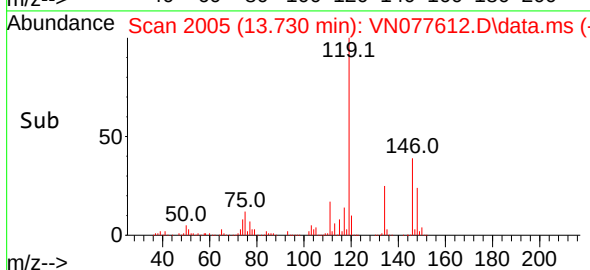
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023

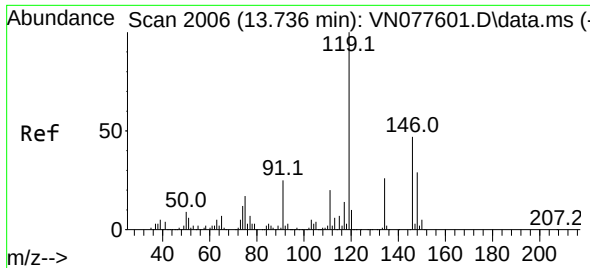


#82
 p-Isopropyltoluene
 Concen: 107.698 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077612.D
 Acq: 08 May 2023 12:10



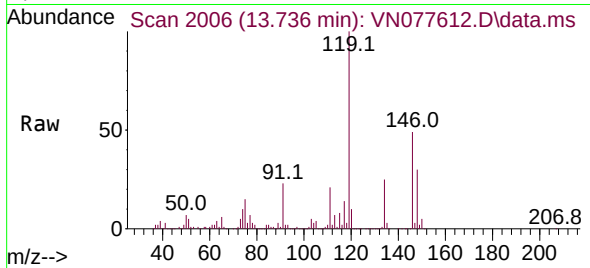
Tgt Ion:119 Resp: 3602103
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 52.2
 91 24.0 0.0 51.2





#83
1,3-Dichlorobenzene
Concen: 105.542 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

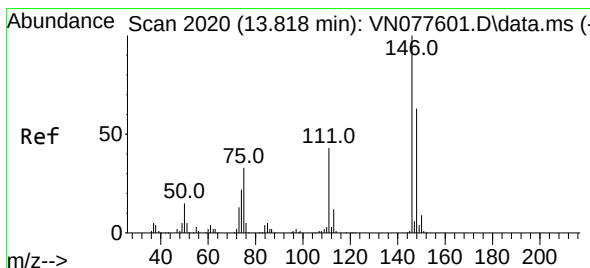
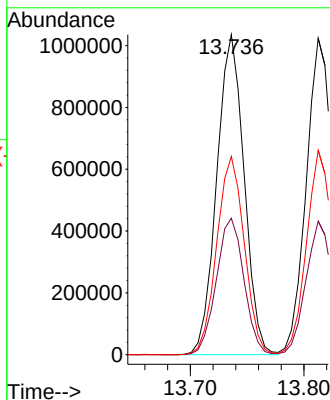
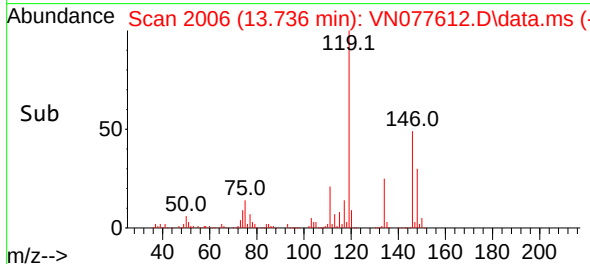
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



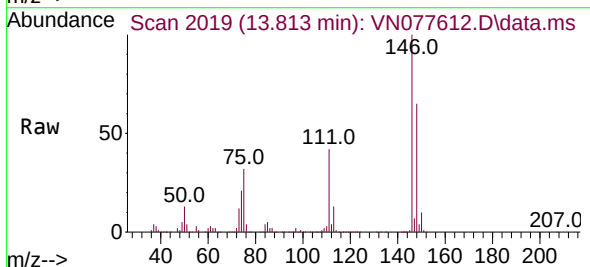
Tgt Ion:146 Resp: 1733980
Ion Ratio Lower Upper
146 100
111 43.0 22.1 66.1
148 62.4 32.5 97.4

Manual Integrations
APPROVED

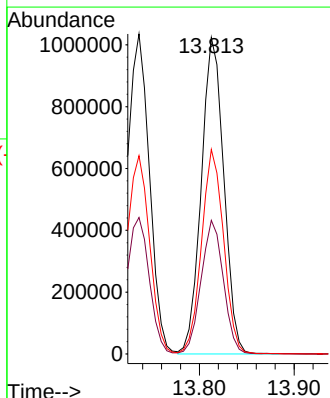
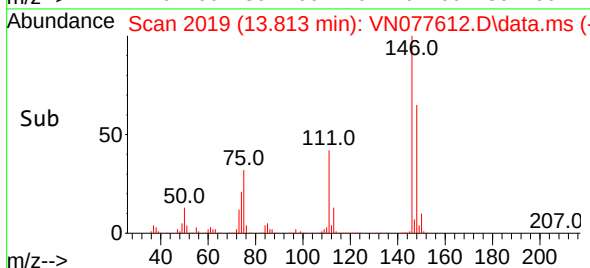
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

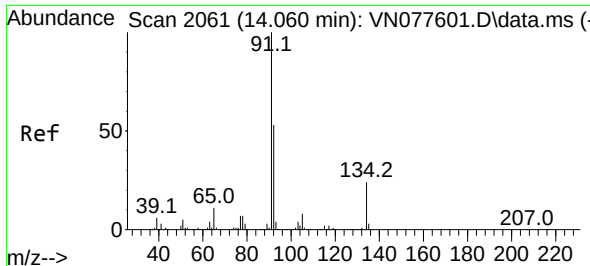


#84
1,4-Dichlorobenzene
Concen: 105.199 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.005 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10



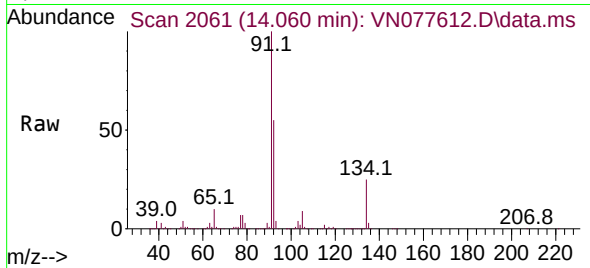
Tgt Ion:146 Resp: 1691970
Ion Ratio Lower Upper
146 100
111 41.8 20.8 62.4
148 63.3 31.1 93.5





#85
n-Butylbenzene
Concen: 109.493 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

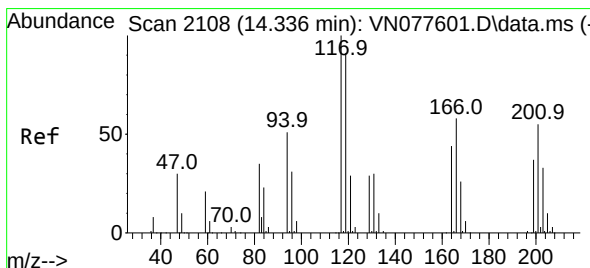
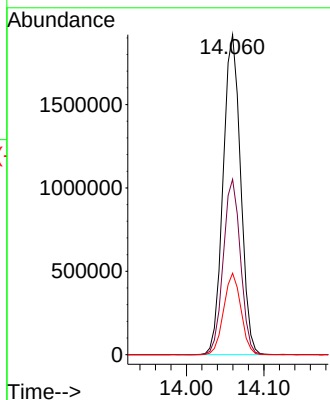
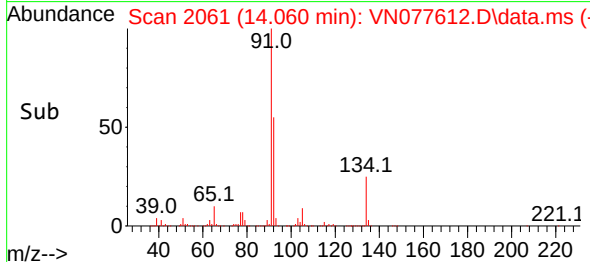
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100



Tgt Ion: 91 Resp: 3012760
Ion Ratio Lower Upper
91 100
92 53.9 0.0 107.0
134 25.1 0.0 50.2

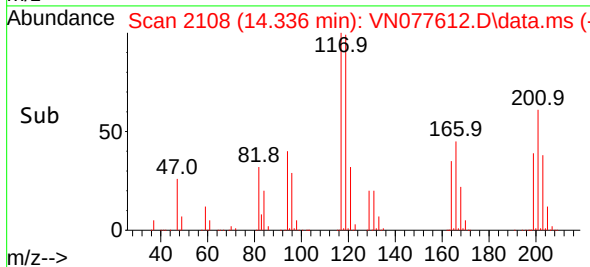
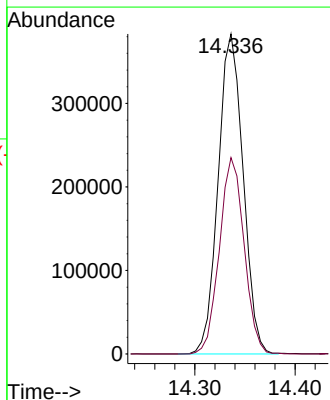
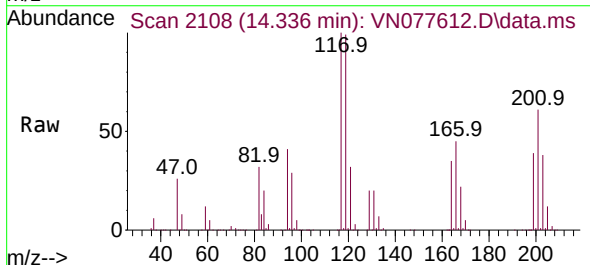
Manual Integrations
APPROVED

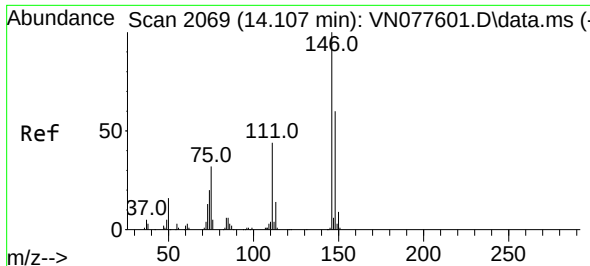
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#86
Hexachloroethane
Concen: 106.198 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

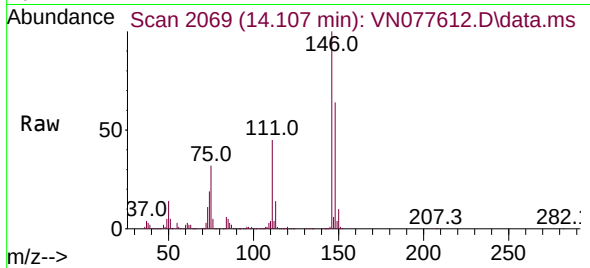
Tgt Ion:117 Resp: 661946
Ion Ratio Lower Upper
117 100
201 60.6 28.1 84.4





#87
1,2-Dichlorobenzene
Concen: 103.135 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

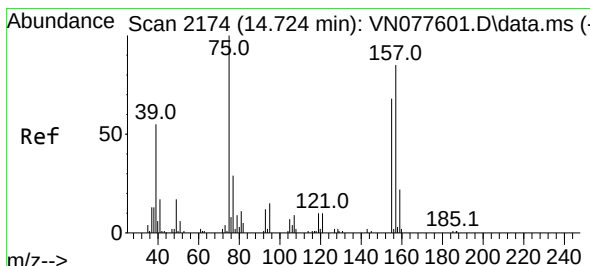
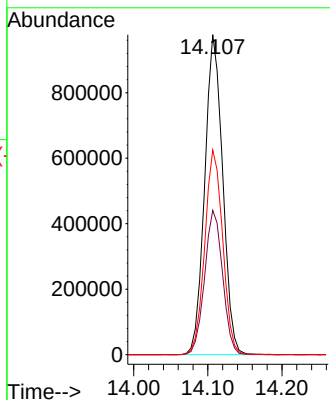
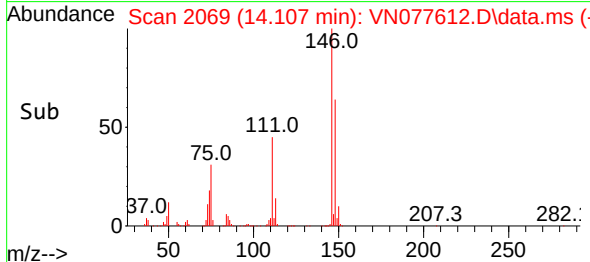
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



Tgt Ion:146 Resp: 1644760
Ion Ratio Lower Upper
146 100
111 45.2 22.7 68.0
148 63.8 31.0 93.0

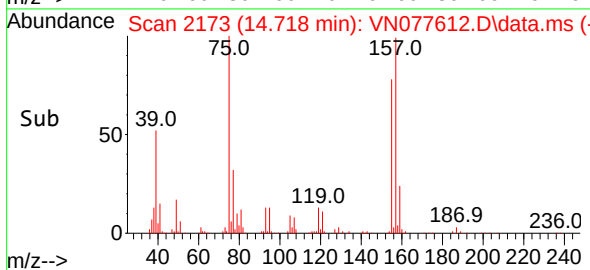
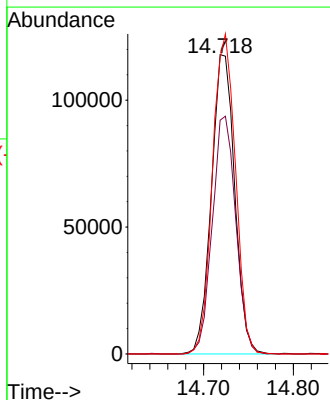
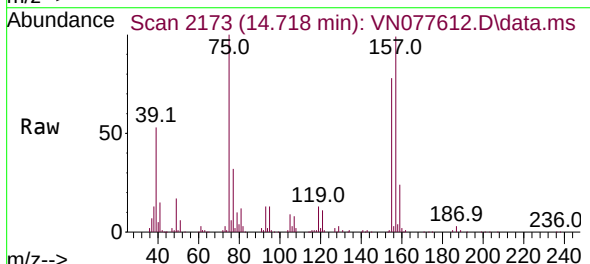
Manual Integrations
APPROVED

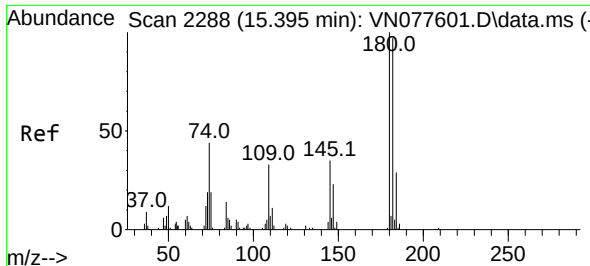
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 103.271 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

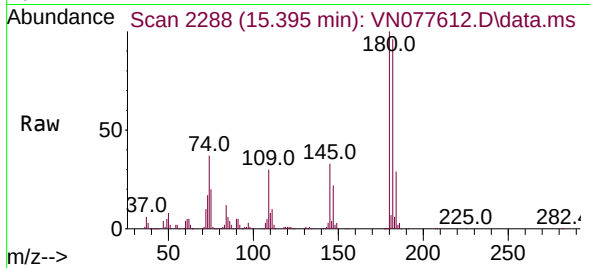
Tgt Ion: 75 Resp: 212943
Ion Ratio Lower Upper
75 100
155 79.9 63.1 94.7
157 105.0 75.5 113.3





#89
1,2,4-Trichlorobenzene
Concen: 128.767 ug/l
RT: 15.395 min Scan# 2288
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

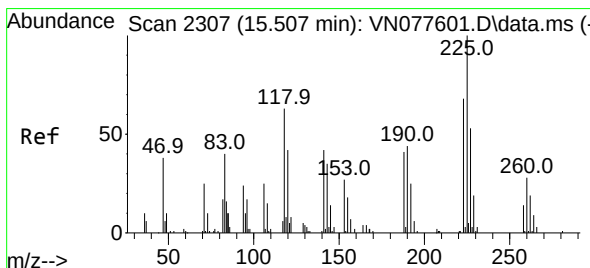
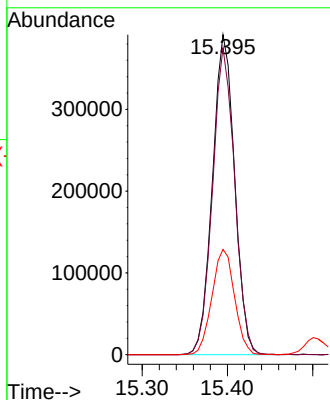
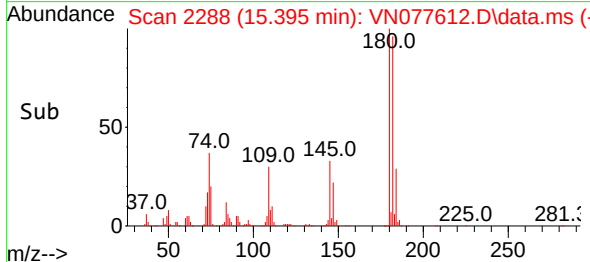
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



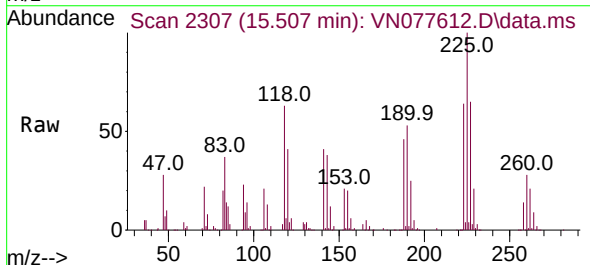
Tgt Ion:180 Resp: 707510
Ion Ratio Lower Upper
180 100
182 95.5 75.1 112.7
145 33.5 28.6 43.0

Manual Integrations
APPROVED

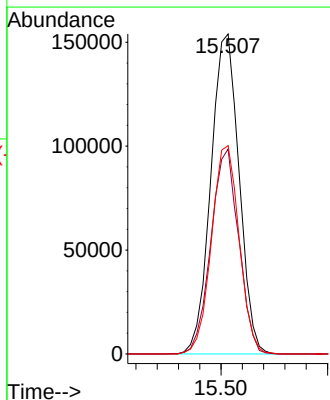
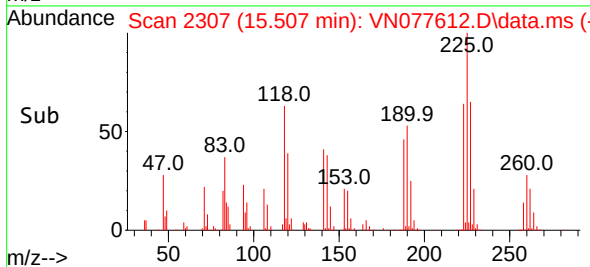
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

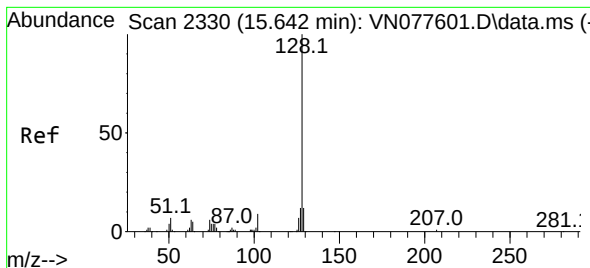


#90
Hexachlorobutadiene
Concen: 91.385 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10



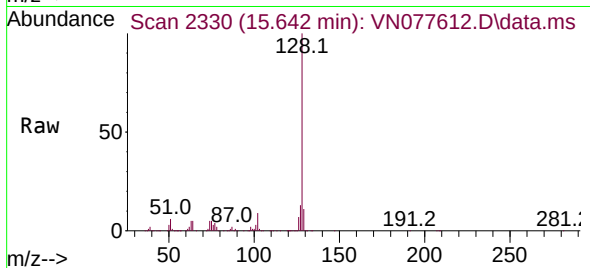
Tgt Ion:225 Resp: 283135
Ion Ratio Lower Upper
225 100
223 63.1 0.0 132.2
227 63.8 0.0 116.2





#91
Naphthalene
Concen: 135.744 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10

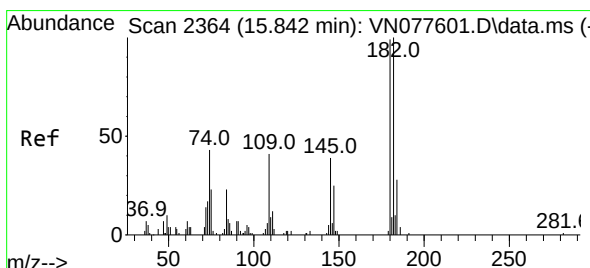
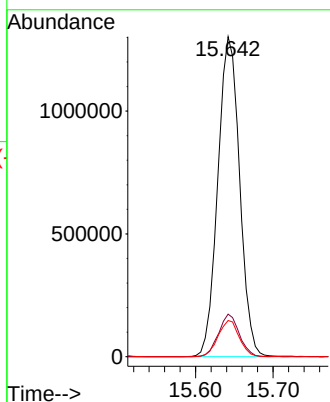
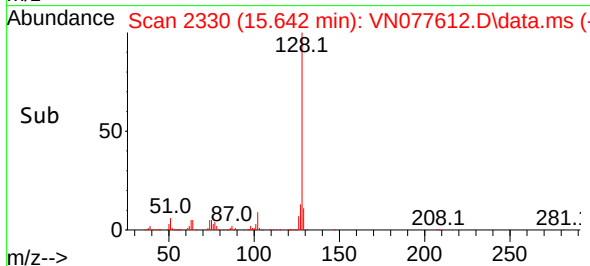
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC100



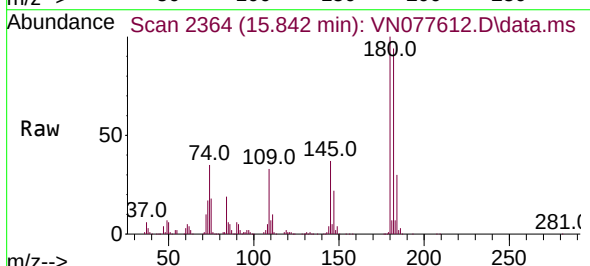
Tgt Ion:128 Resp: 254781
Ion Ratio Lower Upper
128 100
127 12.7 9.6 14.4
129 11.0 9.1 13.7

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#92
1,2,3-Trichlorobenzene
Concen: 130.152 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077612.D
Acq: 08 May 2023 12:10



Tgt Ion:180 Resp: 658595
Ion Ratio Lower Upper
180 100
182 94.5 0.0 193.4
145 35.9 0.0 78.6

