

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050523\
 Data File : VN077603.D
 Acq On : 05 May 2023 20:30
 Operator : JC\MD
 Sample : VSTDIC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

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

Quant Time: May 05 22:13:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 28 16:20:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.819	128	118473	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	692818	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	647075	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	279925	26.503	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	88.333%#		
60) 4-Bromofluorobenzene	12.854	95	314589	27.750	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	92.500%		
63) Toluene-d8	10.572	98	886147	38.864	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	129.533%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.131	85	654577	44.379	ug/l	97
3) Chloromethane	2.372	50	503966	46.252	ug/l	96
4) Vinyl Chloride	2.519	62	659062	43.490	ug/l	98
5) Bromomethane	2.937	94	449279	35.121	ug/l	97
6) Chloroethane	3.119	64	426704	39.100	ug/l	91
7) Trichlorofluoromethane	3.501	101	961111	43.005	ug/l	99
8) Diethyl Ether	3.972	74	347223	44.398	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.378	101	530827	42.025	ug/l	99
10) 1,1-Dichloroethene	4.348	96	511057	42.176	ug/l	91
11) Methyl Iodide	4.595	142	652991	43.925	ug/l	97
12) Methyl Acetate	5.031	43	891375	51.005	ug/l	95
13) Acrolein	4.190	56	488874	233.311	ug/l	100
14) Acrylonitrile	5.731	53	1284683	239.607	ug/l	99
15) Acetone	4.442	58	340031	198.634	ug/l	88
16) Carbon Disulfide	4.719	76	1257060	41.368	ug/l	97
17) Allyl chloride	5.037	41	620831	46.724	ug/l	97
18) Methylene Chloride	5.290	84	597281	41.782	ug/l	91
19) trans-1,2-Dichloroethene	5.795	96	565884	42.265	ug/l	89
20) Diisopropyl ether	6.684	45	1532768	49.556	ug/l	95
21) 1,1-Dichloroethane	6.578	63	1015632	44.932	ug/l	97
22) cis-1,2-Dichloroethene	7.495	96	680502	42.437	ug/l	96
23) tert-Butyl Alcohol	5.542	59	526944	227.811	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	1862084	44.303	ug/l	99
25) Chloroform	7.972	83	1145848	44.106	ug/l	99
26) Cyclohexane	8.266	56	833780	45.218	ug/l #	98
29) 1,1-Dichloropropene	8.378	75	805946	55.188	ug/l	100
30) 2-Butanone	7.489	43	1601187	299.053	ug/l	95
31) 2,2-Dichloropropane	7.501	77	895849	52.428	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	1060475	56.259	ug/l	98
33) Carbon Tetrachloride	8.366	117	894138	54.651	ug/l	97
34) Benzene	8.613	78	2434801	54.214	ug/l	96
35) Methacrylonitrile	7.783	41	372158	68.076	ug/l	97
36) 1,2-Dichloroethane	8.678	62	864101	56.338	ug/l	98
37) Trichloroethene	9.354	130	604631	53.266	ug/l	95
38) Methylcyclohexane	9.607	83	1047633	54.603	ug/l	95
39) 1,2-Dichloropropane	9.625	63	589830	56.703	ug/l	97
40) Dibromomethane	9.713	93	449699	54.818	ug/l	98
41) Bromodichloromethane	9.889	83	918430	56.687	ug/l	97
42) Vinyl Acetate	6.613	43	4792990	284.239	ug/l	96

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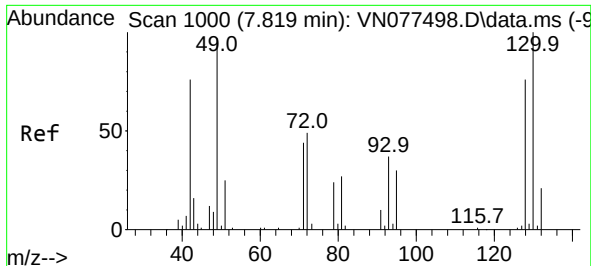
Manual Integrations
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 Supervised By : Mahesh Dadoda 05/08/2023

Quant Time: May 05 22:13:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042823W.M
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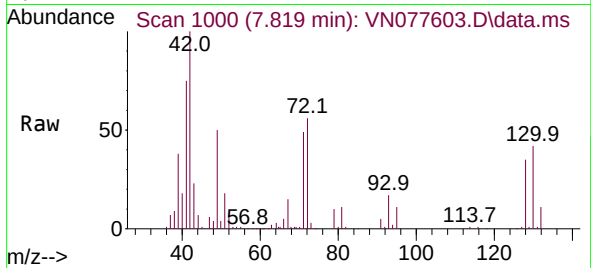
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Isopropyl Acetate	8.695	43	1168396	63.644	ug/l	93
45) 1,4-Dioxane	9.701	88	253083	1136.753	ug/l #	96
46) Methyl methacrylate	9.683	41	528726	63.283	ug/l	91
47) n-amyl Acetate	12.495	43	995218	67.627	ug/l	98
48) t-1,3-Dichloropropene	10.836	75	955061	57.900	ug/l	97
49) cis-1,3-Dichloropropene	10.319	75	1029929	57.841	ug/l	95
50) 1,1,2-Trichloroethane	11.019	97	634729	54.506	ug/l	97
51) Ethyl methacrylate	10.877	69	970777	60.213	ug/l	90
52) 1,3-Dichloropropane	11.166	76	1068061	56.520	ug/l	100
53) Dibromochloromethane	11.360	129	691795	57.702	ug/l	100
54) 1,2-Dibromoethane	11.471	107	657786	55.196	ug/l	97
55) 2-Chloroethyl vinyl ether	10.166	63	1691965	319.814	ug/l	98
56) Bromoform	12.583	173	436363	58.353	ug/l	96
58) 4-Methyl-2-Pentanone	10.448	43	3476457	373.057	ug/l	95
59) 2-Hexanone	11.201	43	2560204	372.900	ug/l	96
61) Tetrachloroethene	11.107	164	463705	61.352	ug/l	95
62) Toluene	10.630	91	2812008	64.616	ug/l	100
64) Chlorobenzene	11.895	112	1696154	63.799	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.960	131	619162	65.169	ug/l	98
66) Ethyl Benzene	11.966	91	3158512	66.470	ug/l	99
67) m/p-Xylenes	12.071	106	2397341	129.558	ug/l	95
68) o-Xylene	12.401	106	1192778	64.895	ug/l	93
69) Styrene	12.413	104	1958540	68.528	ug/l	99
70) Isopropylbenzene	12.701	105	3137722	67.255	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	931181	65.524	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	1165767	96.434	ug/l	59
73) Bromobenzene	12.983	156	640485	63.839	ug/l	95
74) n-propylbenzene	13.036	91	3599433	69.332	ug/l	99
75) 2-Chlorotoluene	13.130	91	2191963	68.452	ug/l	98
76) 1,3,5-Trimethylbenzene	13.177	105	2623592	72.953	ug/l	99
77) t-1,4-Dichloro-2-butene	12.742	75	285966	71.620	ug/l	94
78) 4-Chlorotoluene	13.224	91	2097217	69.180	ug/l	99
79) tert-butylbenzene	13.442	119	2234276	67.160	ug/l	99
80) 1,2,4-Trimethylbenzene	13.483	105	2574734	77.845	ug/l	99
81) sec-Butylbenzene	13.618	105	3245863	69.986	ug/l	100
82) p-Isopropyltoluene	13.730	119	2566621	70.622	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	1181385	67.311	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	1193464	68.819	ug/l	99
85) n-Butylbenzene	14.060	91	2222659	79.141	ug/l	99
86) Hexachloroethane	14.336	117	493301	67.004	ug/l	97
87) 1,2-Dichlorobenzene	14.107	146	1192057	66.757	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.718	75	187593	71.411	ug/l	96
89) 1,2,4-Trichlorobenzene	15.401	180	459872	98.123	ug/l	97
90) Hexachlorobutadiene	15.501	225	245396	64.381	ug/l	97
91) Naphthalene	15.642	128	1758122	102.759	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	421239	96.066	ug/l	96

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

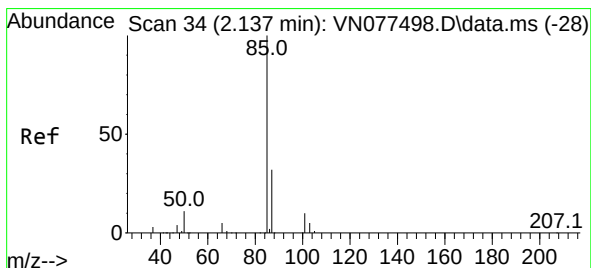
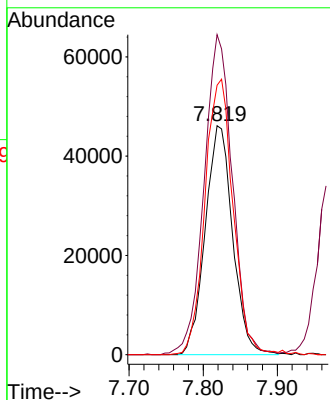
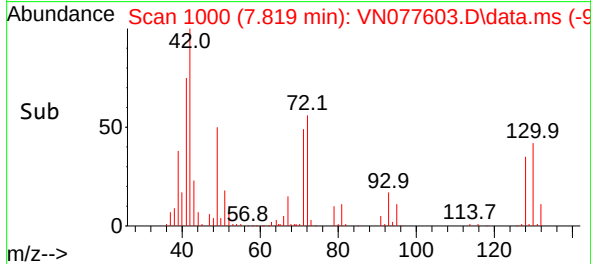
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



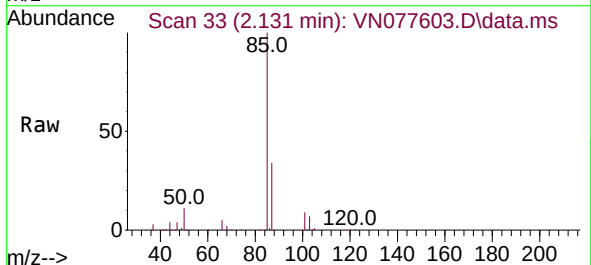
Tgt Ion:128 Resp: 11847
Ion Ratio Lower Upper
128 100
49 144.6 0.0 338.5
130 123.3 0.0 326.3

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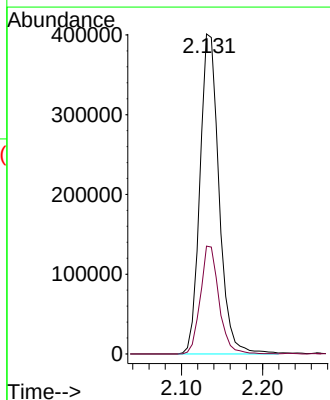
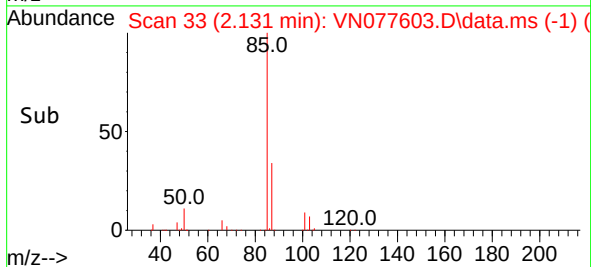
Reviewed By :John Carlone 05/08/2023
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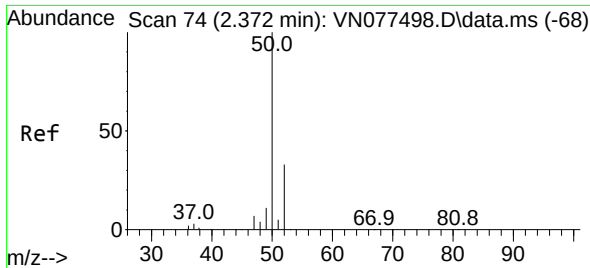


#2
Dichlorodifluoromethane
Concen: 44.379 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



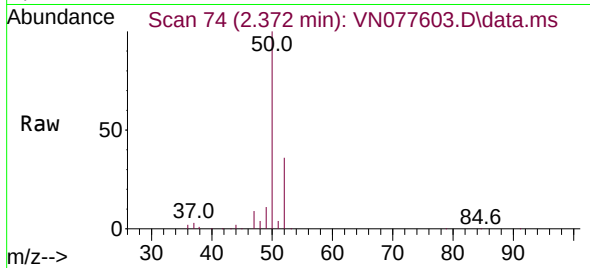
Tgt Ion: 85 Resp: 654577
Ion Ratio Lower Upper
85 100
87 33.7 16.1 48.3





#3
Chloromethane
Concen: 46.252 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

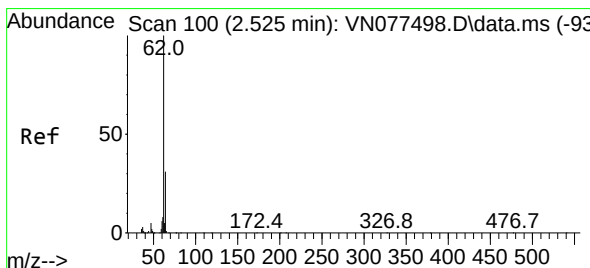
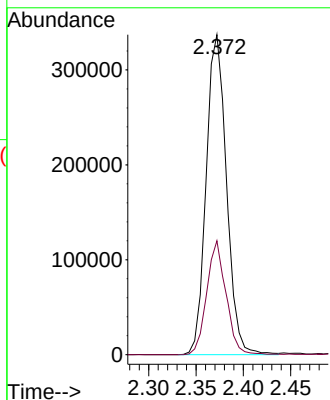
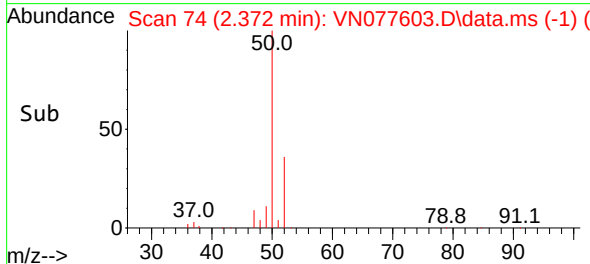
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



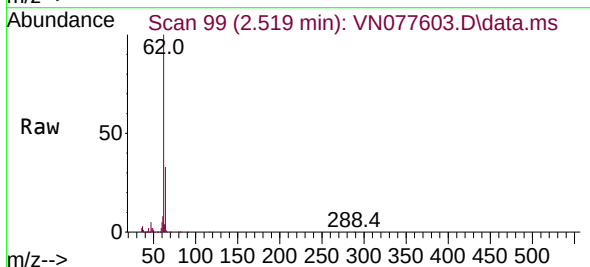
Tgt Ion: 50 Resp: 503960
Ion Ratio Lower Upper
50 100
52 35.6 26.6 39.8

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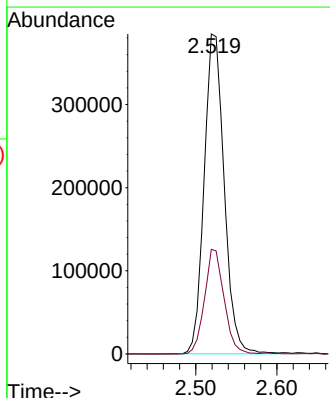
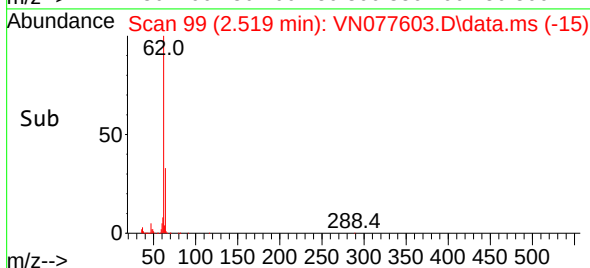
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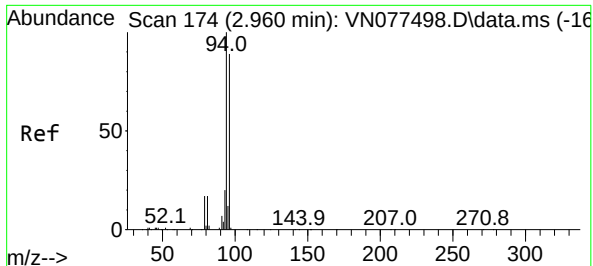


#4
Vinyl Chloride
Concen: 43.490 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



Tgt Ion: 62 Resp: 659062
Ion Ratio Lower Upper
62 100
64 32.7 27.1 40.7





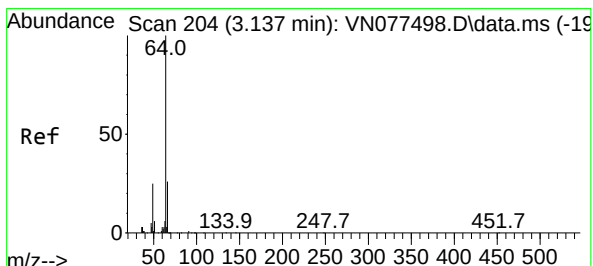
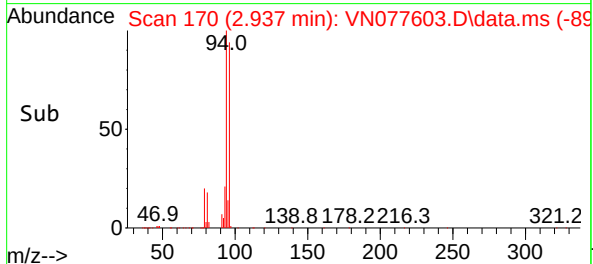
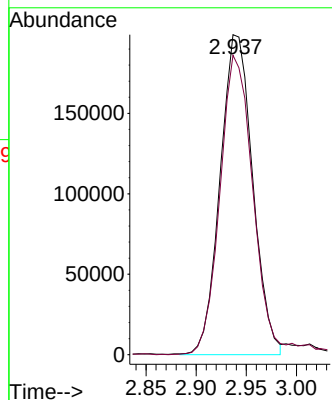
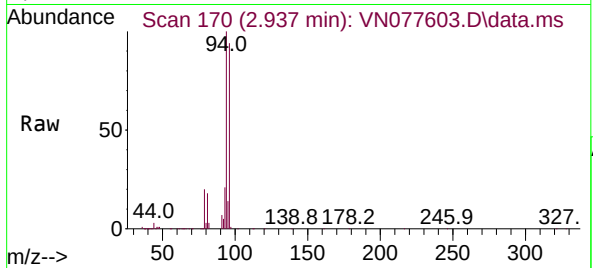
#5
Bromomethane
Concen: 35.121 ug/l
RT: 2.937 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 94 Resp: 449279
Ion Ratio Lower Upper
94 100
96 93.6 72.6 108.8

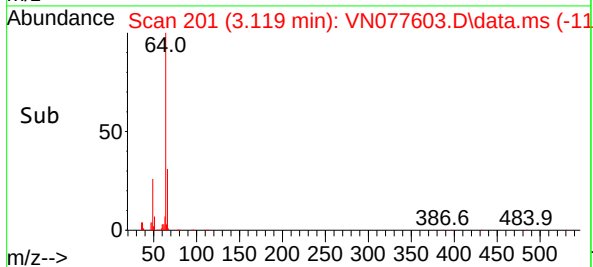
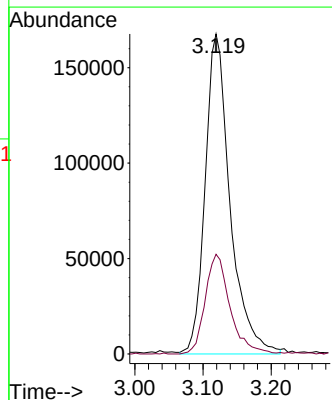
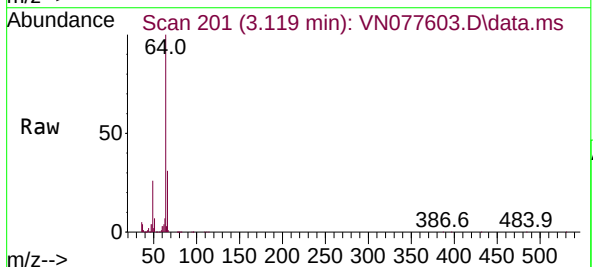
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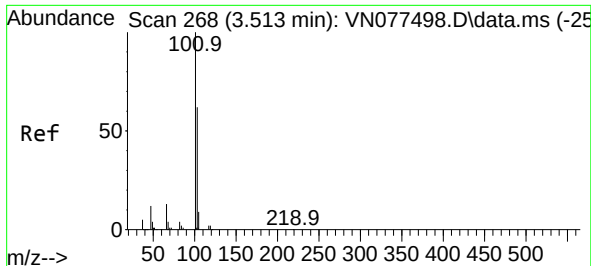
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#6
Chloroethane
Concen: 39.100 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.018 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 64 Resp: 426704
Ion Ratio Lower Upper
64 100
66 31.3 29.1 43.7





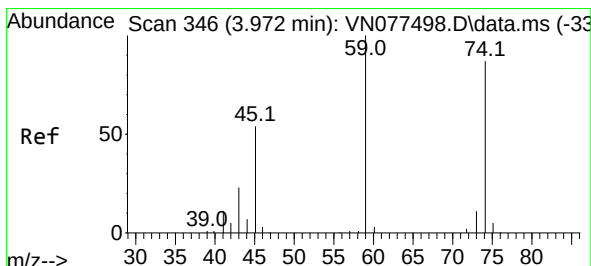
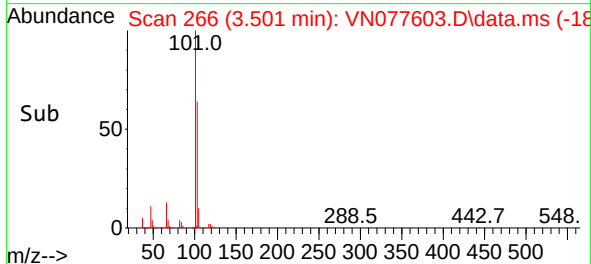
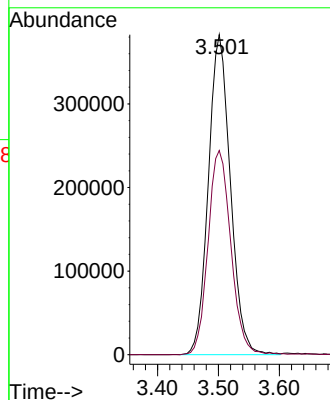
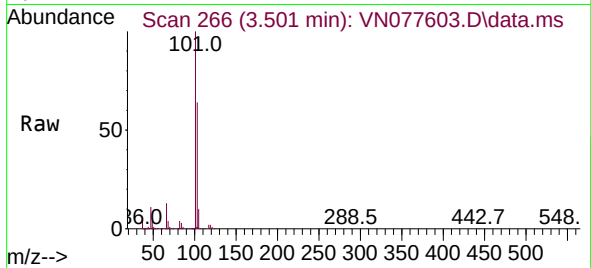
#7
Trichlorofluoromethane
Concen: 43.005 ug/l
RT: 3.501 min Scan# 266
Delta R.T. -0.012 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
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VSTDICC075

Tgt Ion:101 Resp: 96111
Ion Ratio Lower Upper
101 100
103 63.8 51.8 77.8

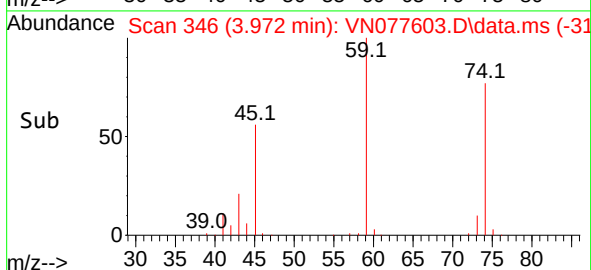
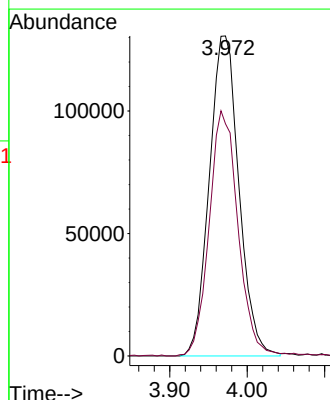
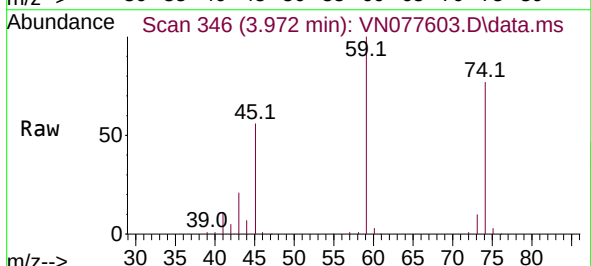
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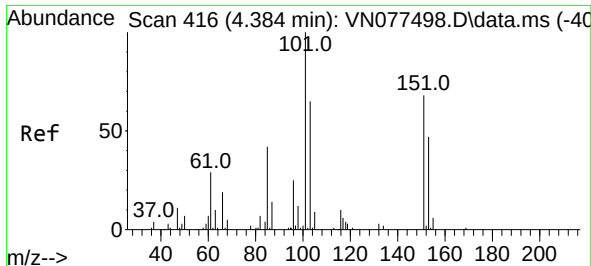
Reviewed By :John Carlone 05/08/2023
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#8
Diethyl Ether
Concen: 44.398 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 74 Resp: 347223
Ion Ratio Lower Upper
74 100
45 74.5 13.6 122.0





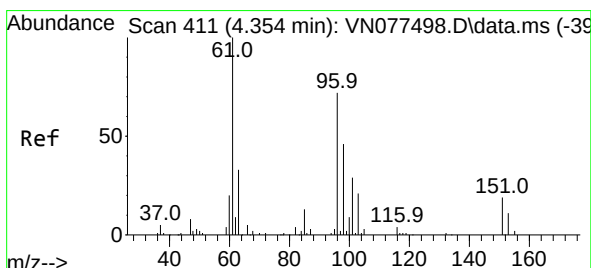
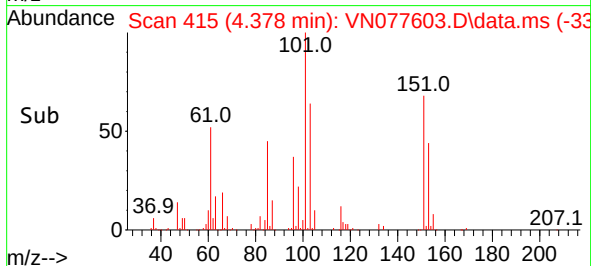
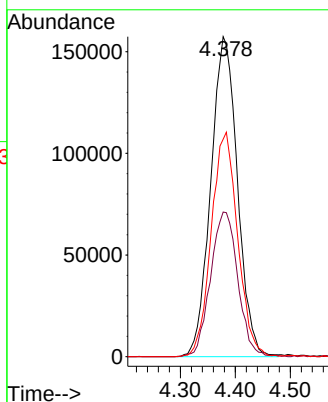
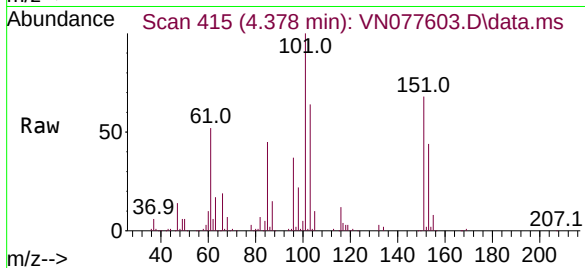
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.025 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:101 Resp: 53082
Ion Ratio Lower Upper
101 100
85 46.0 0.0 90.4
151 69.4 0.0 140.8

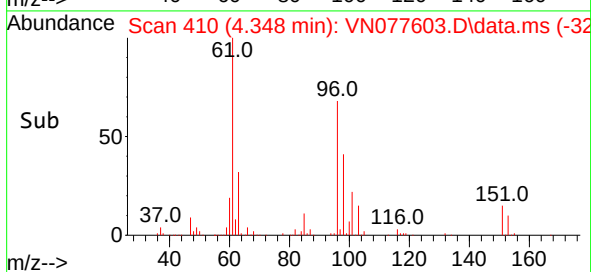
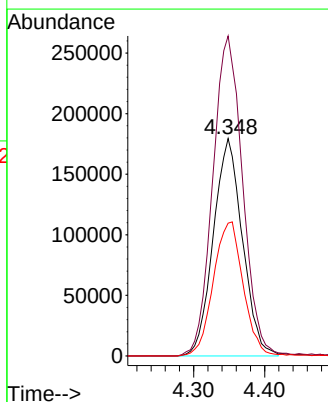
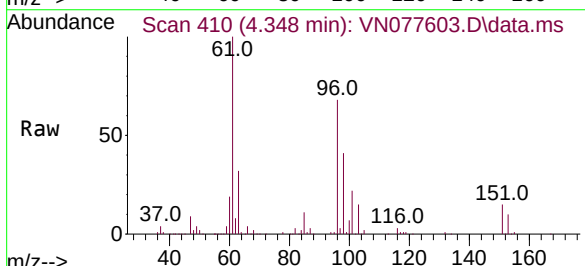
Manual Integrations
APPROVED

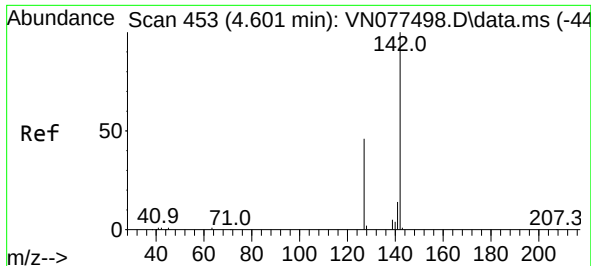
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#10
1,1-Dichloroethene
Concen: 42.176 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 96 Resp: 511057
Ion Ratio Lower Upper
96 100
61 147.0 108.8 163.2
98 61.0 43.5 65.3





#11

Methyl Iodide

Concen: 43.925 ug/l

RT: 4.595 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:142 Resp: 65299

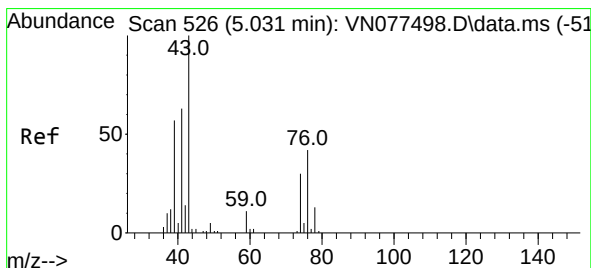
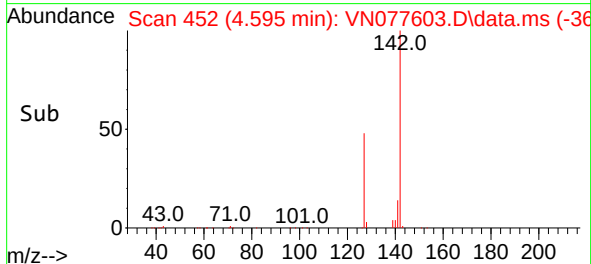
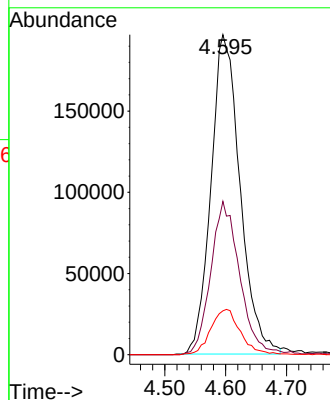
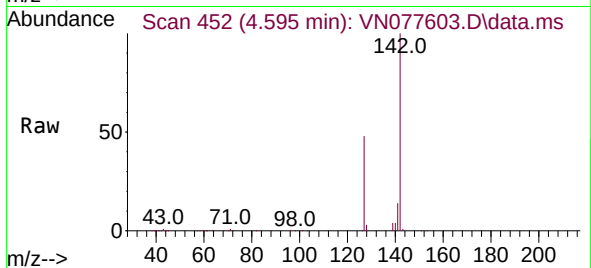
Ion	Ratio	Lower	Upper
142	100		
127	47.9	23.1	69.3
141	13.7	6.0	18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#12

Methyl Acetate

Concen: 51.005 ug/l

RT: 5.031 min Scan# 526

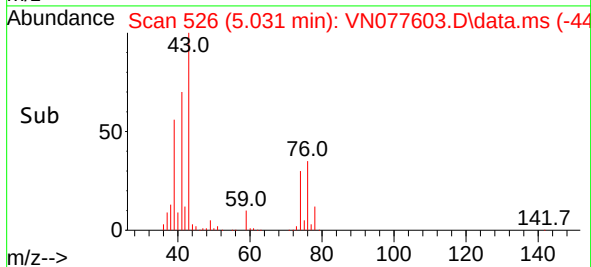
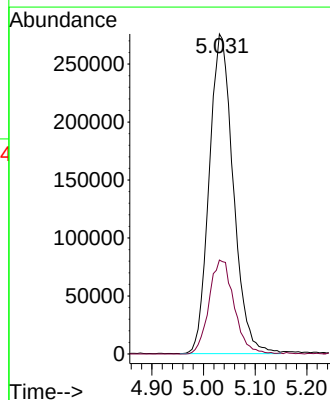
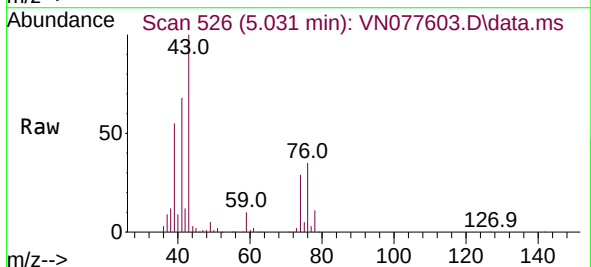
Delta R.T. -0.000 min

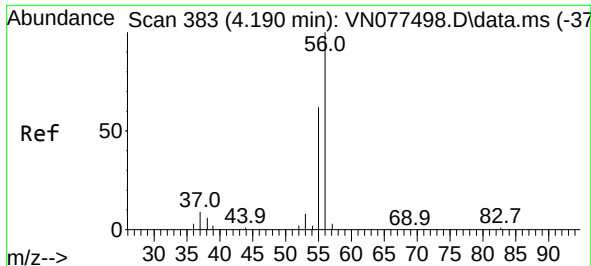
Lab File: VN077603.D

Acq: 05 May 2023 20:30

Tgt Ion: 43 Resp: 891375

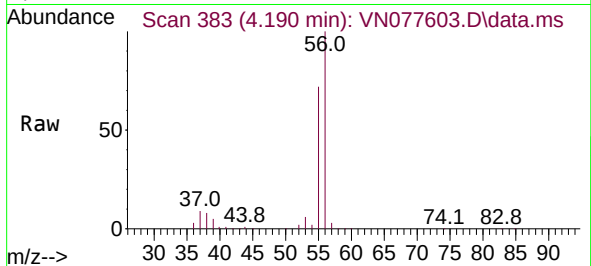
Ion	Ratio	Lower	Upper
43	100		
74	29.3	25.8	38.8





#13
Acrolein
Concen: 233.311 ug/l
RT: 4.190 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

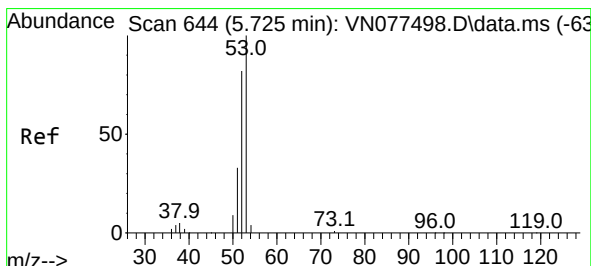
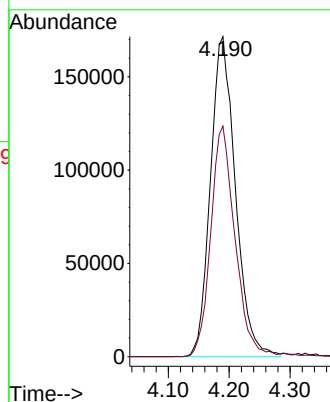
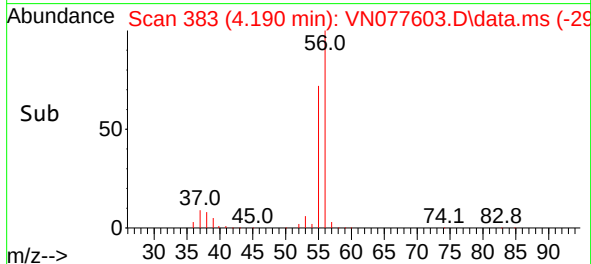
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 56 Resp: 488874
Ion Ratio Lower Upper
56 100
55 69.7 55.8 83.6

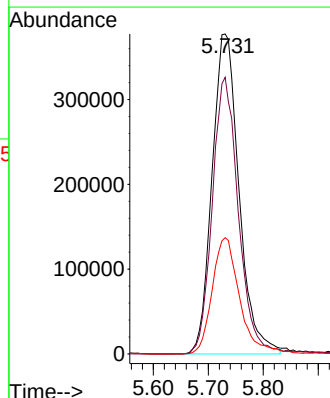
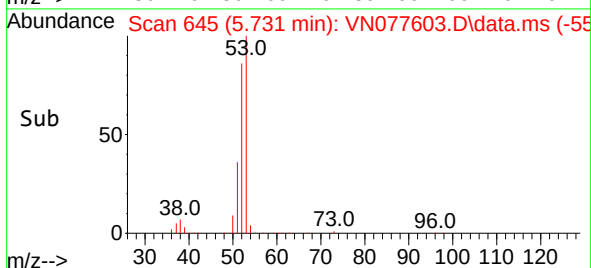
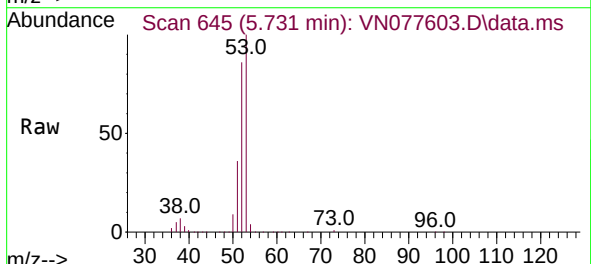
Manual Integrations
APPROVED

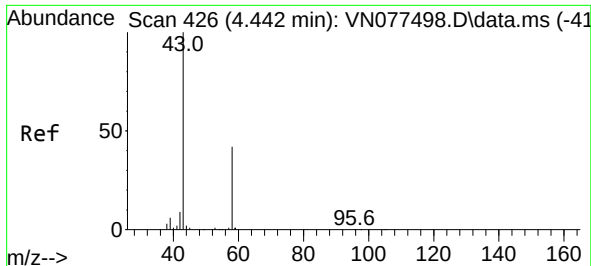
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#14
Acrylonitrile
Concen: 239.607 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 53 Resp: 1284683
Ion Ratio Lower Upper
53 100
52 83.3 41.9 125.6
51 36.8 18.0 54.0





#15

Acetone

Concen: 198.634 ug/l

RT: 4.442 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 58 Resp: 34003

Ion Ratio Lower Upper

58 100

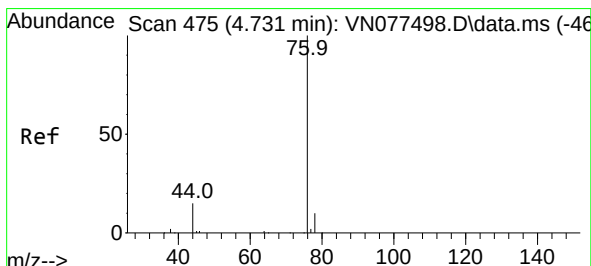
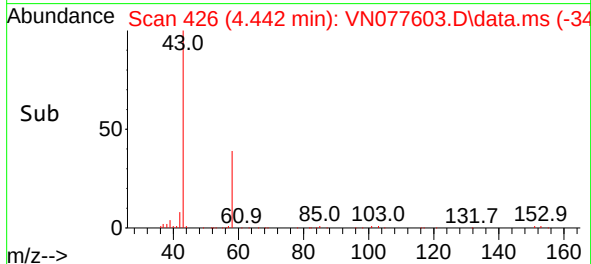
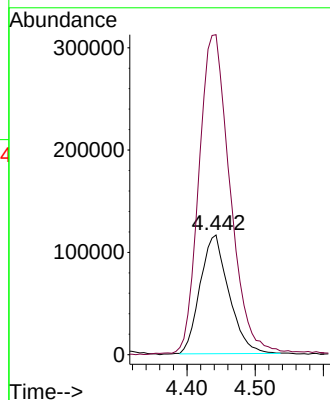
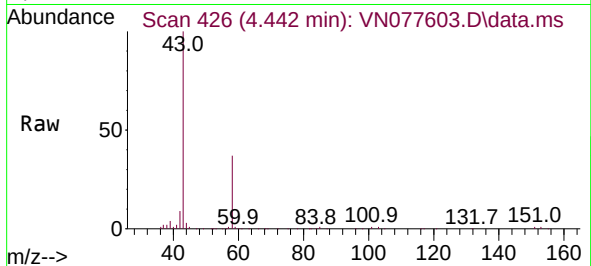
43 266.8 197.2 295.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#16

Carbon Disulfide

Concen: 41.368 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.012 min

Lab File: VN077603.D

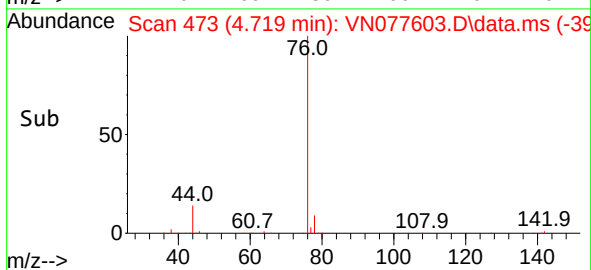
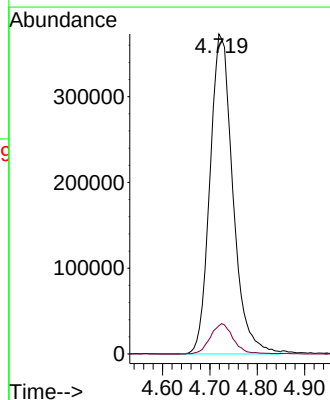
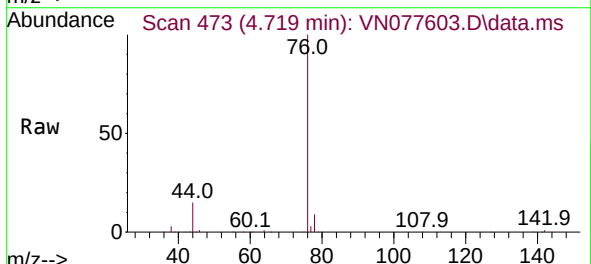
Acq: 05 May 2023 20:30

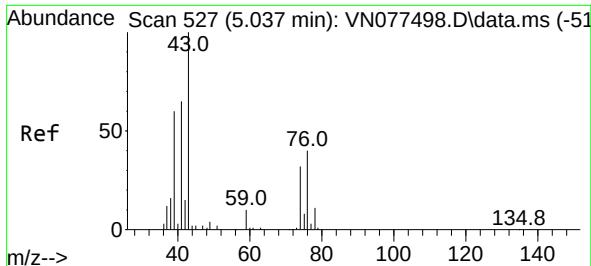
Tgt Ion: 76 Resp: 1257060

Ion Ratio Lower Upper

76 100

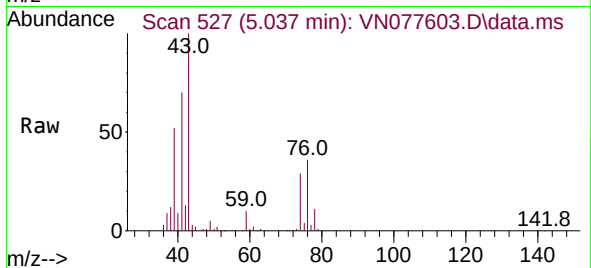
78 8.8 7.8 11.8





#17
 Allyl chloride
 Concen: 46.724 ug/l
 RT: 5.037 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN077603.D
 Acq: 05 May 2023 20:30

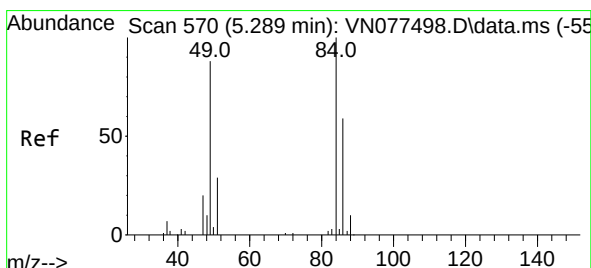
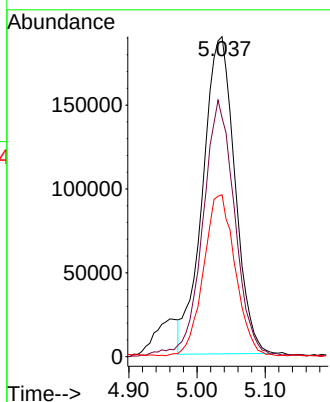
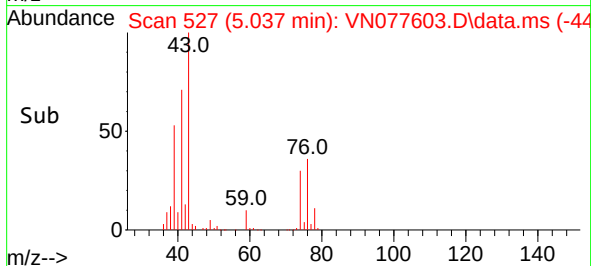
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



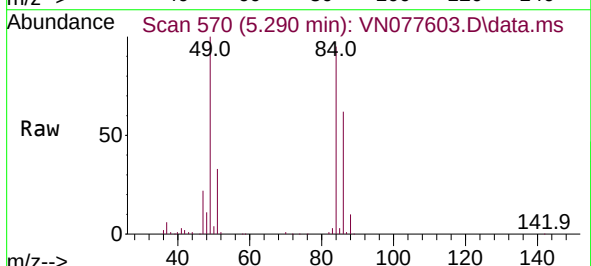
Tgt Ion: 41 Resp: 62083
 Ion Ratio Lower Upper
 41 100
 39 74.6 38.6 116.0
 76 50.8 26.1 78.3

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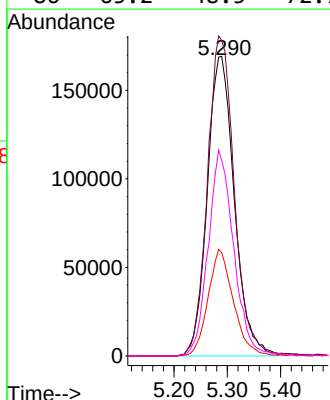
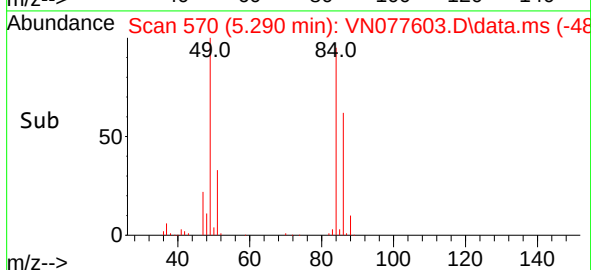
Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023

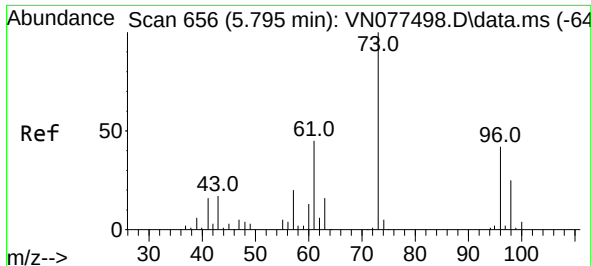


#18
 Methylene Chloride
 Concen: 41.782 ug/l
 RT: 5.290 min Scan# 570
 Delta R.T. 0.001 min
 Lab File: VN077603.D
 Acq: 05 May 2023 20:30



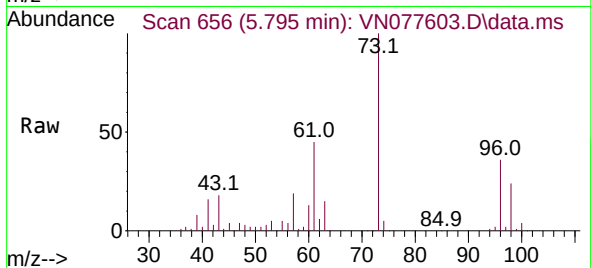
Tgt Ion: 84 Resp: 597281
 Ion Ratio Lower Upper
 84 100
 49 105.2 74.6 112.0
 51 34.4 25.0 37.6
 86 65.2 48.5 72.7





#19
trans-1,2-Dichloroethene
Concen: 42.265 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

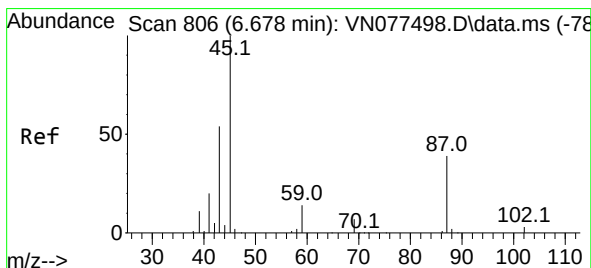
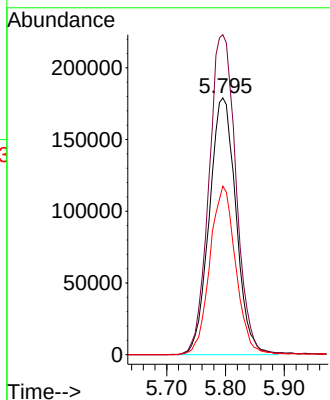
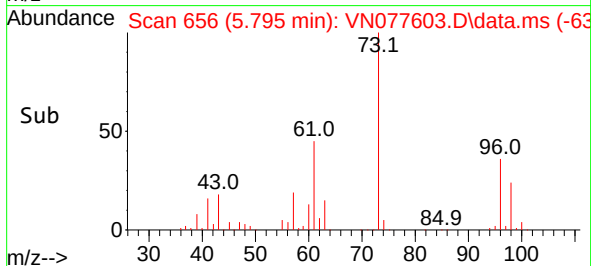
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



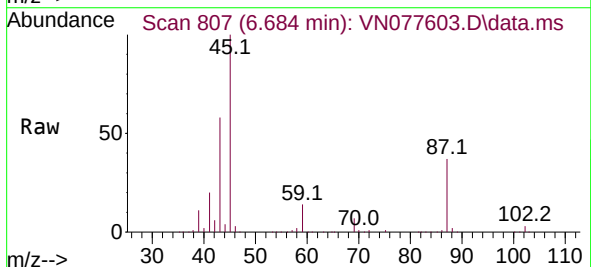
Tgt Ion: 96 Resp: 565884
Ion Ratio Lower Upper
96 100
61 124.6 89.7 134.5
98 65.5 47.0 70.4

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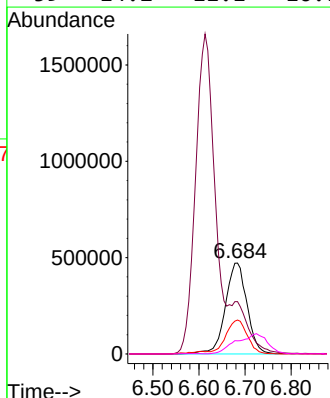
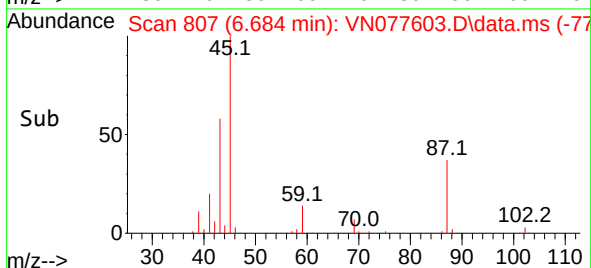
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

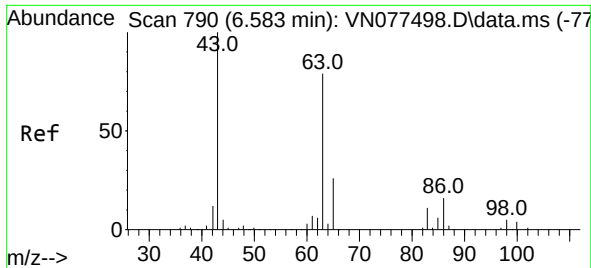


#20
Diisopropyl ether
Concen: 49.556 ug/l
RT: 6.684 min Scan# 807
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



Tgt Ion: 45 Resp: 1532768
Ion Ratio Lower Upper
45 100
43 55.7 46.6 69.8
87 37.2 34.6 52.0
59 14.2 11.1 16.7





#21

1,1-Dichloroethane

Concen: 44.932 ug/l

RT: 6.578 min Scan# 790

Delta R.T. -0.005 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 63 Resp: 101563

Ion Ratio Lower Upper

63 100

98 7.4 4.0 12.0

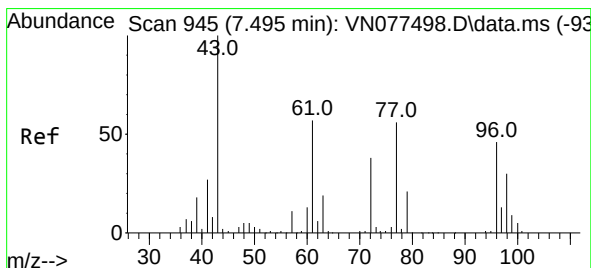
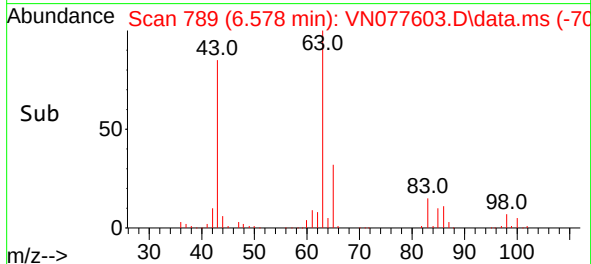
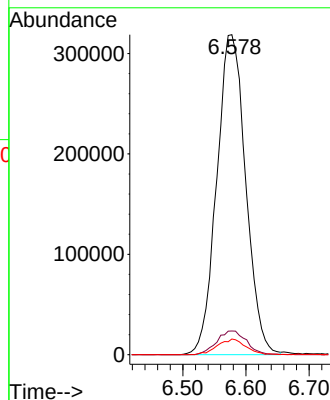
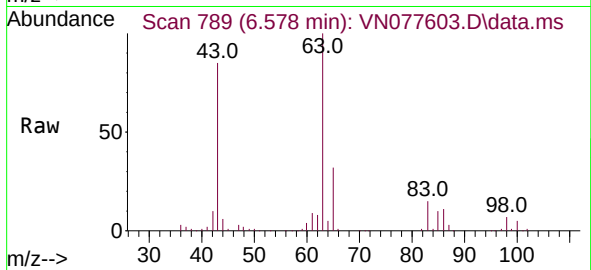
100 4.9 3.4 10.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#22

cis-1,2-Dichloroethene

Concen: 42.437 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

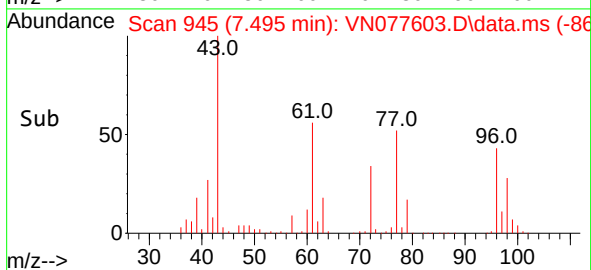
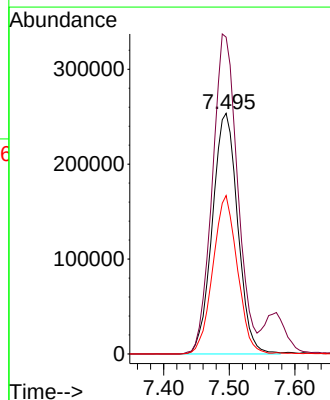
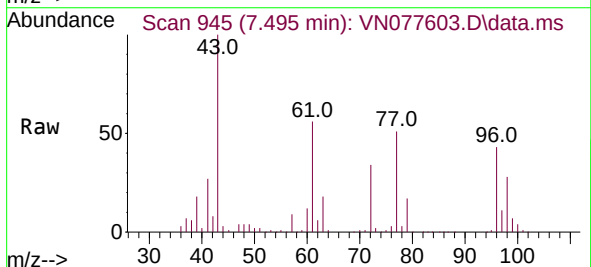
Tgt Ion: 96 Resp: 680502

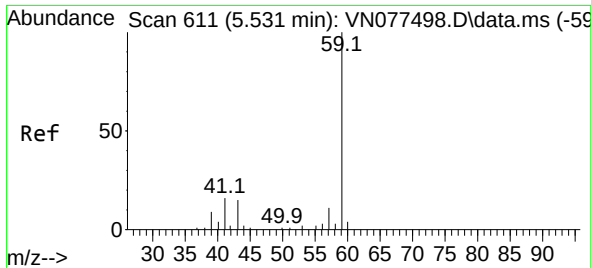
Ion Ratio Lower Upper

96 100

61 132.2 100.2 150.2

98 63.6 51.6 77.4





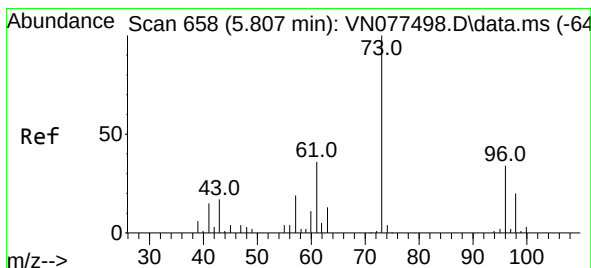
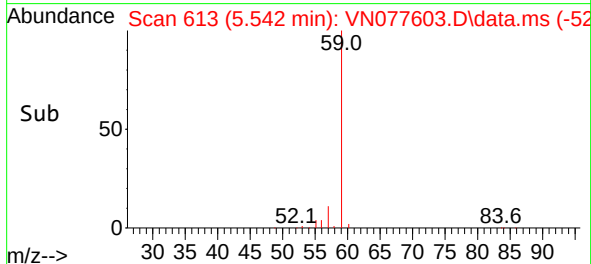
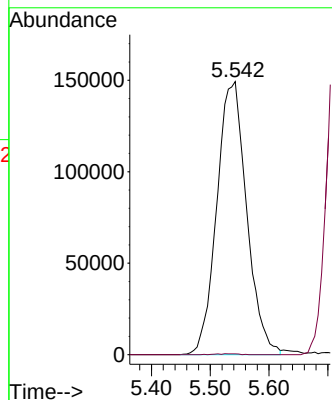
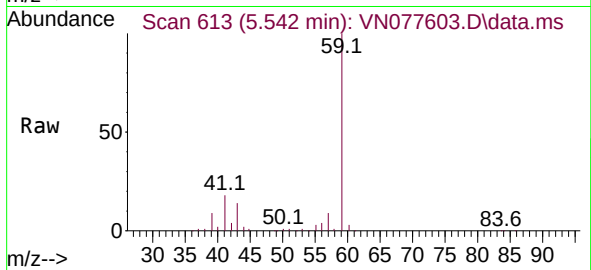
#23
tert-Butyl Alcohol
Concen: 227.811 ug/l
RT: 5.542 min Scan# 611
Delta R.T. 0.011 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 59 Resp: 526944
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

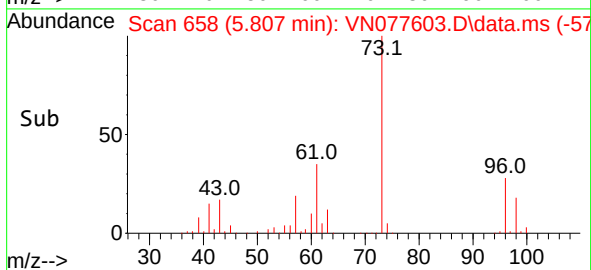
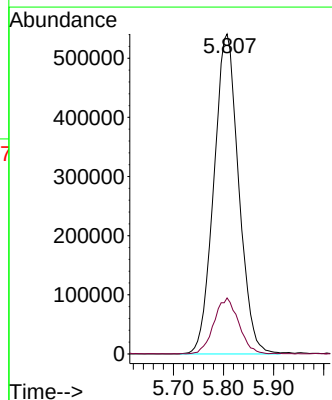
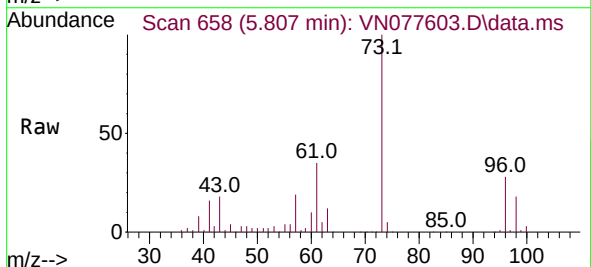
Manual Integrations
APPROVED

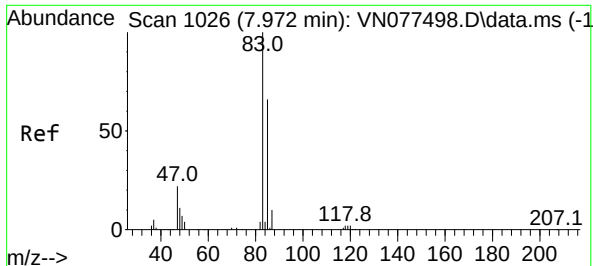
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#24
Methyl tert-Butyl Ether
Concen: 44.303 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

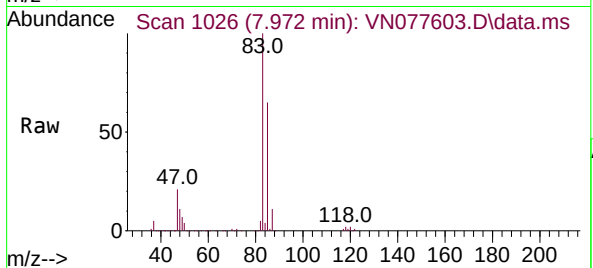
Tgt Ion: 73 Resp: 1862084
Ion Ratio Lower Upper
73 100
43 17.4 13.5 20.3





#25
Chloroform
Concen: 44.106 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

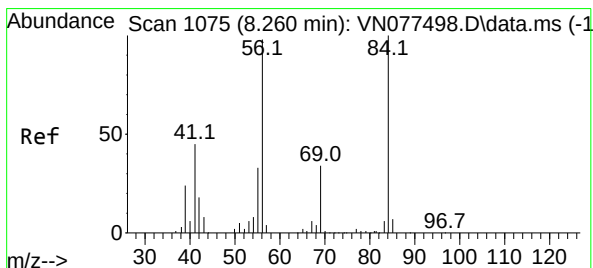
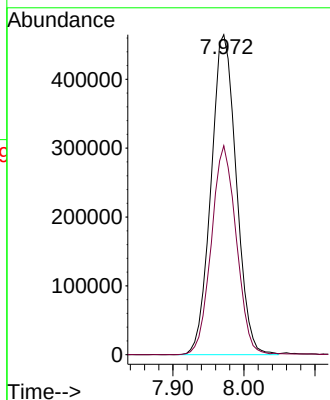
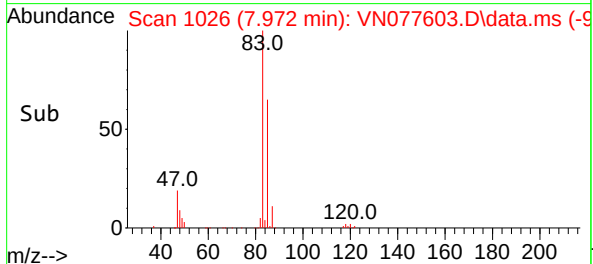
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



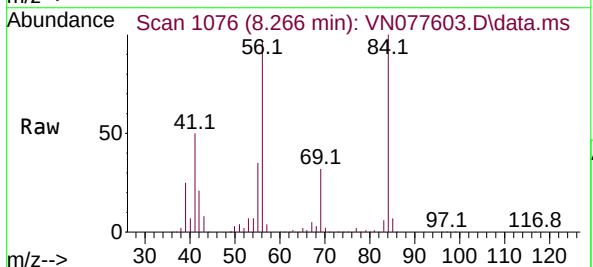
Tgt Ion: 83 Resp: 114584
Ion Ratio Lower Upper
83 100
85 65.3 53.0 79.4

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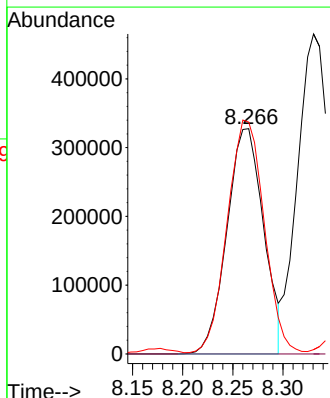
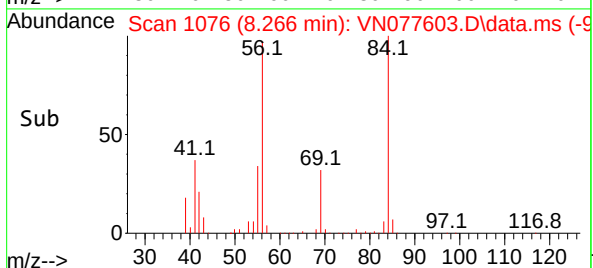
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

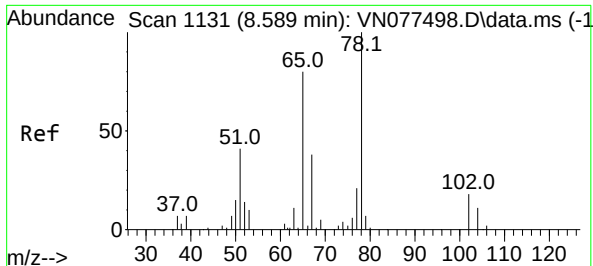


#26
Cyclohexane
Concen: 45.218 ug/l
RT: 8.266 min Scan# 1076
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



Tgt Ion: 56 Resp: 833780
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 104.9 85.4 128.2





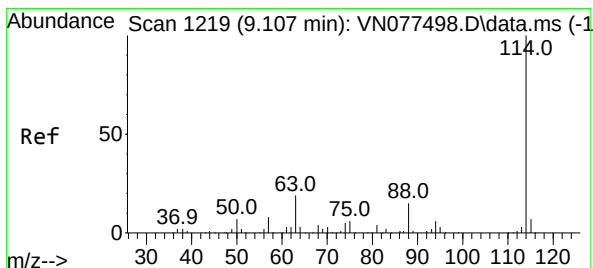
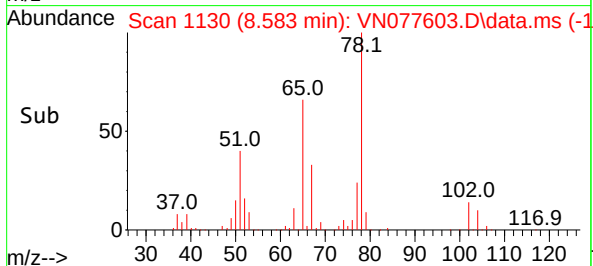
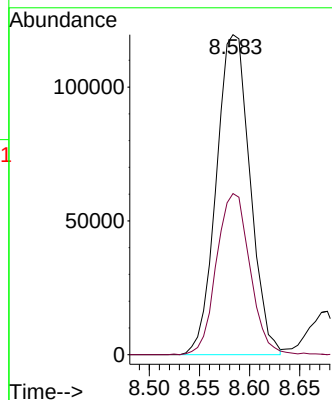
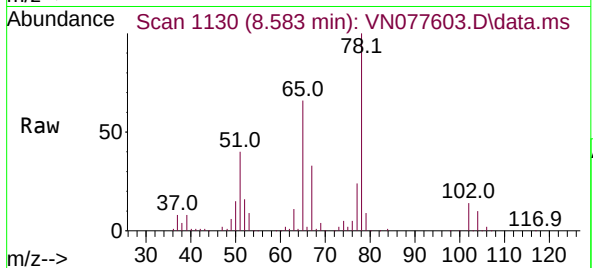
#27
1,2-Dichloroethane-d4
Concen: 26.503 ug/l
RT: 8.583 min Scan# 1131
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 65 Resp: 279925
Ion Ratio Lower Upper
65 100
67 49.9 40.2 60.2

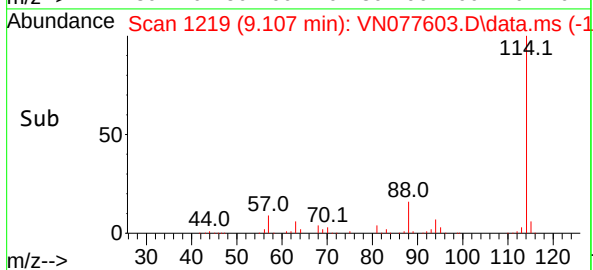
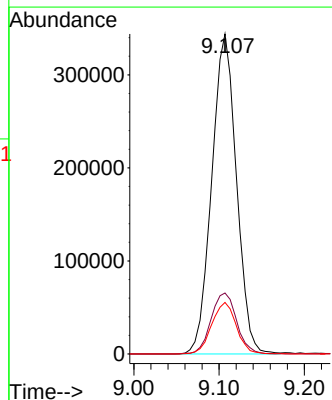
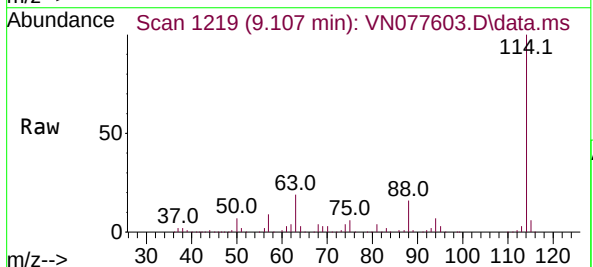
Manual Integrations
APPROVED

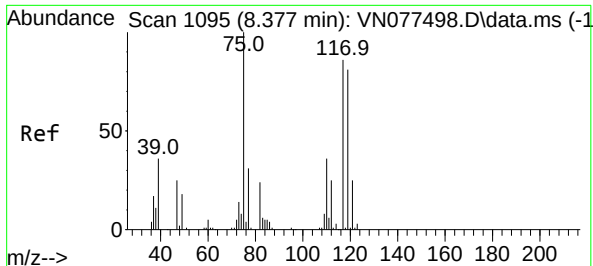
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:114 Resp: 692818
Ion Ratio Lower Upper
114 100
63 19.8 14.1 21.1
88 16.0 12.3 18.5





#29

1,1-Dichloropropene

Concen: 55.188 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.001 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 75 Resp: 805940

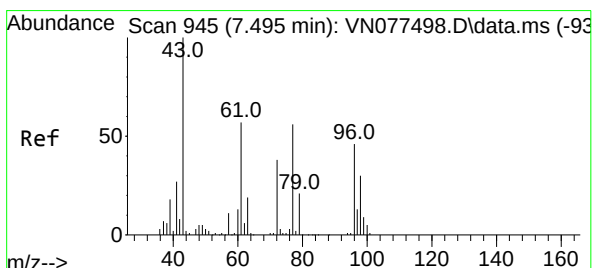
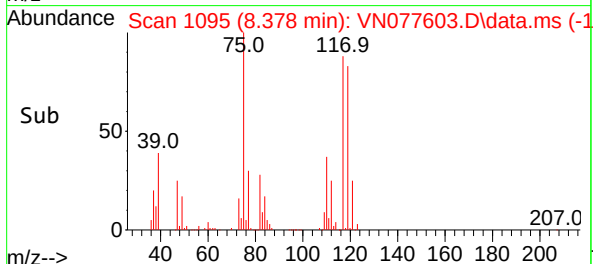
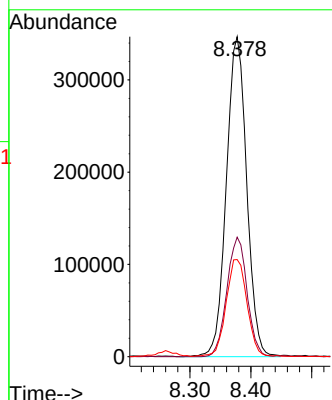
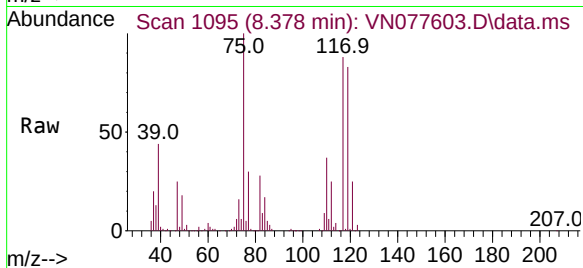
Ion	Ratio	Lower	Upper
75	100		
110	37.1	0.0	74.0
77	31.0	0.0	62.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#30

2-Butanone

Concen: 299.053 ug/l

RT: 7.489 min Scan# 944

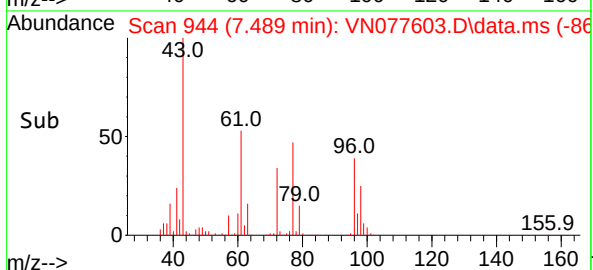
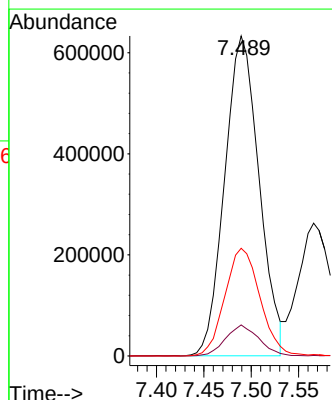
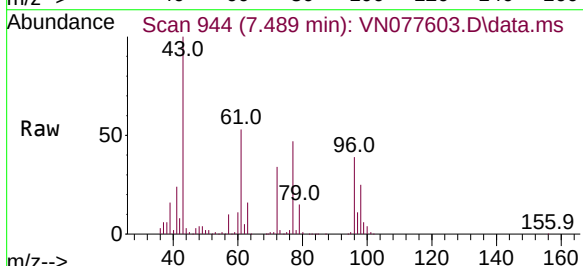
Delta R.T. -0.006 min

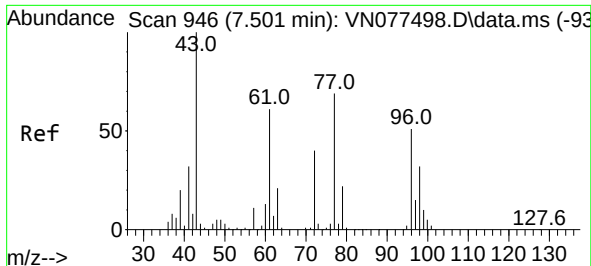
Lab File: VN077603.D

Acq: 05 May 2023 20:30

Tgt Ion: 43 Resp: 1601187

Ion	Ratio	Lower	Upper
43	100		
57	9.4	8.0	12.0
72	34.4	30.4	45.6





#31

2,2-Dichloropropane

Concen: 52.428 ug/l

RT: 7.501 min Scan# 946

Delta R.T. 0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 77 Resp: 895849

Ion Ratio Lower Upper

77 100

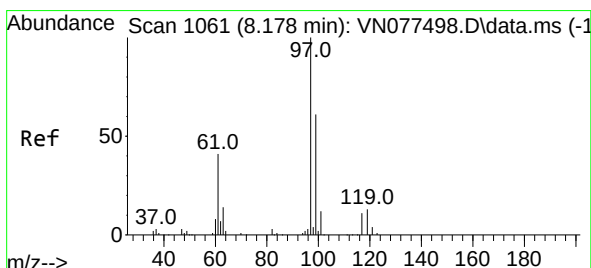
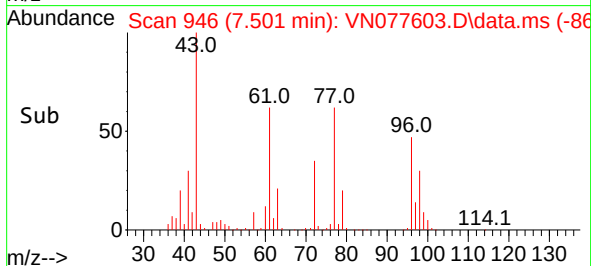
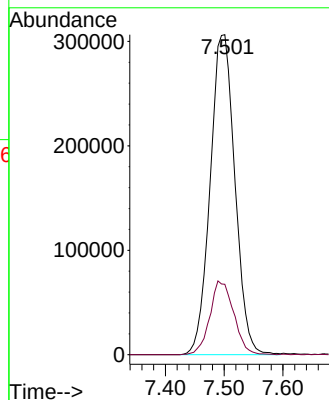
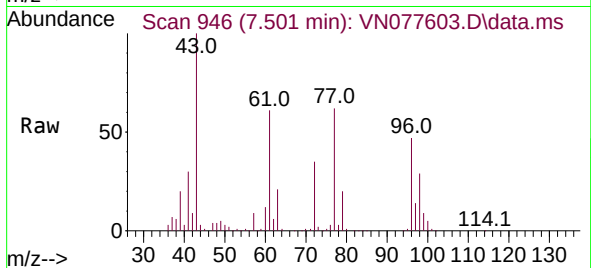
97 22.2 18.1 27.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#32

1,1,1-Trichloroethane

Concen: 56.259 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.006 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

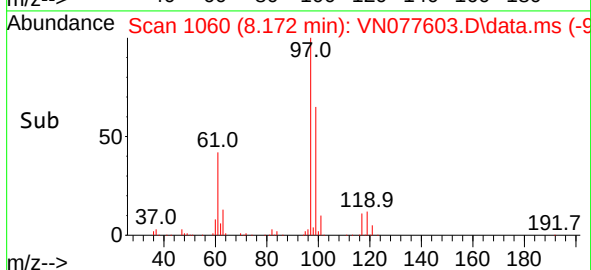
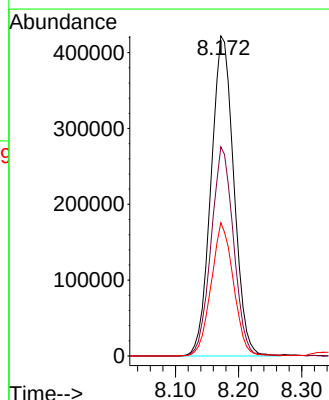
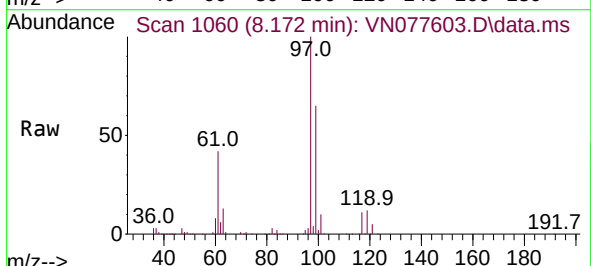
Tgt Ion: 97 Resp: 1060475

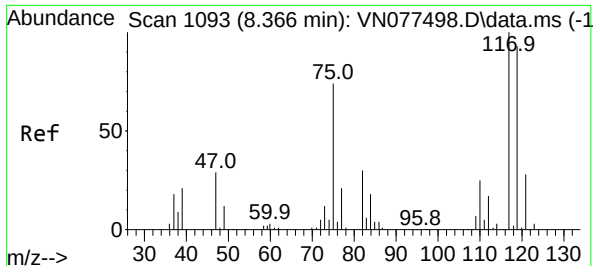
Ion Ratio Lower Upper

97 100

99 64.1 50.1 75.1

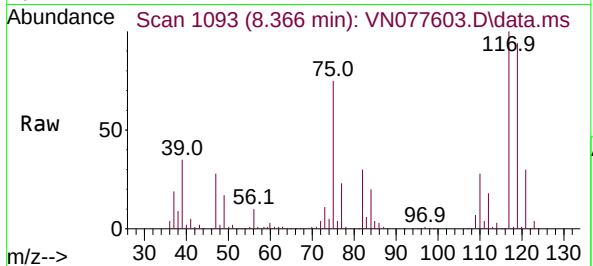
61 40.6 31.1 46.7





#33
Carbon Tetrachloride
Concen: 54.651 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

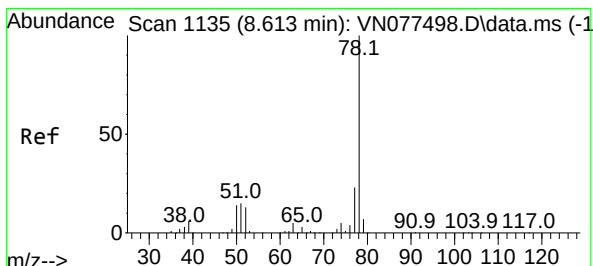
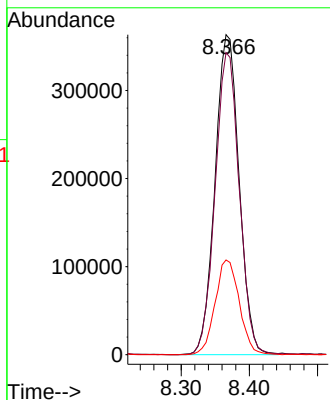
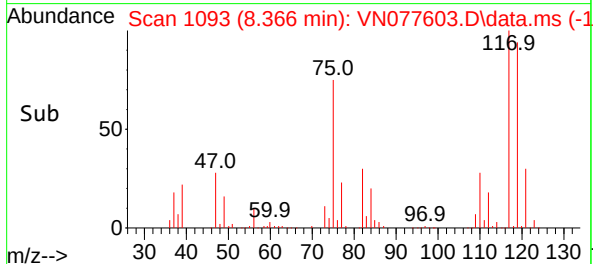
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:117 Resp: 894138
Ion Ratio Lower Upper
117 100
119 94.4 72.6 109.0
121 29.6 24.3 36.5

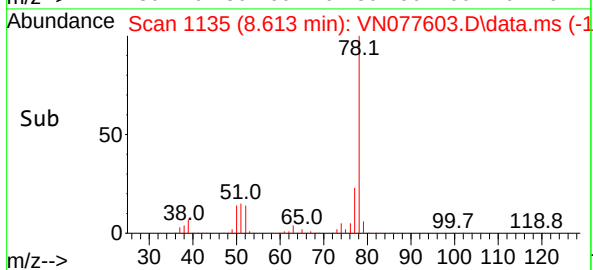
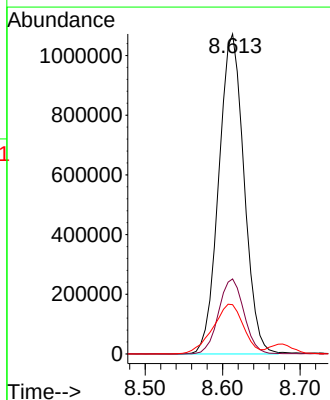
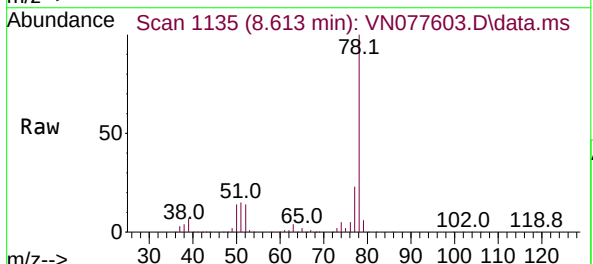
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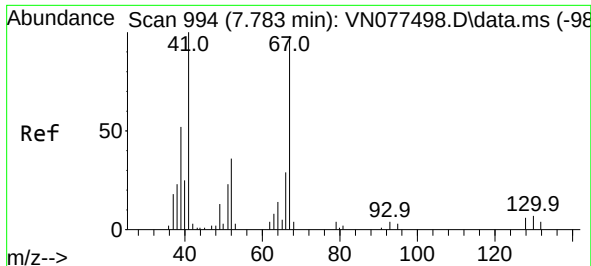
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#34
Benzene
Concen: 54.214 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion: 78 Resp: 2434801
Ion Ratio Lower Upper
78 100
77 23.4 17.1 25.7
51 15.3 11.3 16.9





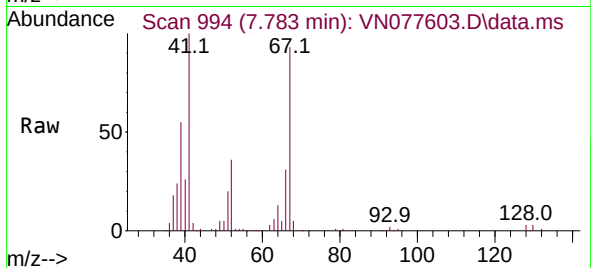
#35
Methacrylonitrile
Concen: 68.076 ug/l
RT: 7.783 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

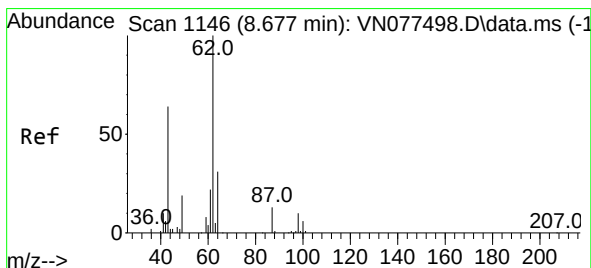
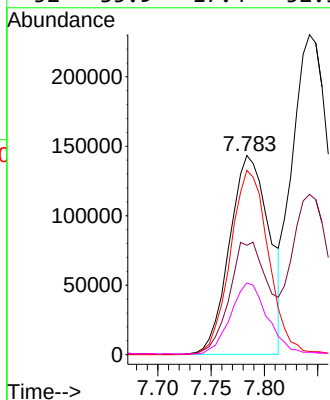
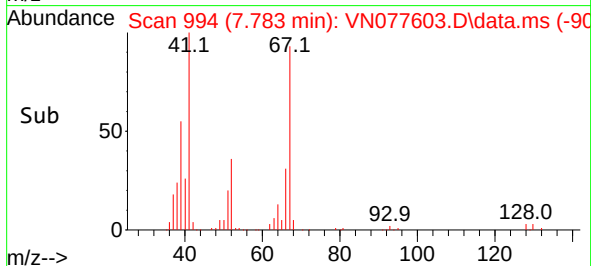


Tgt Ion: 41 Resp: 372158
Ion Ratio Lower Upper
41 100
39 54.7 25.9 77.8
67 92.7 48.1 144.4
52 35.9 17.4 52.3

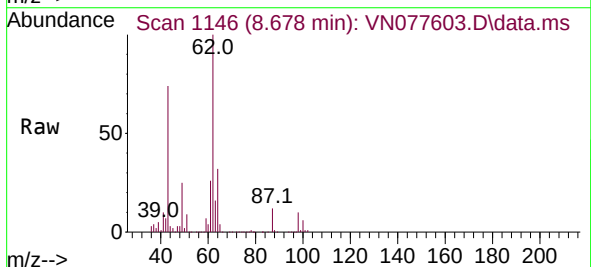
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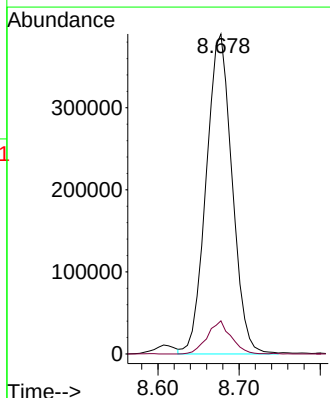
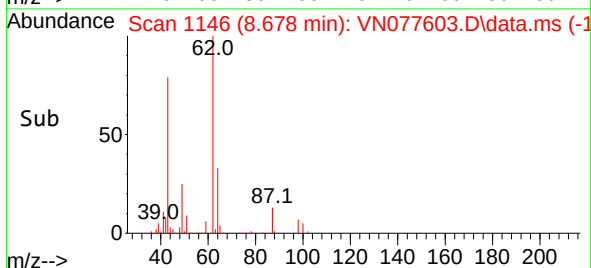
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

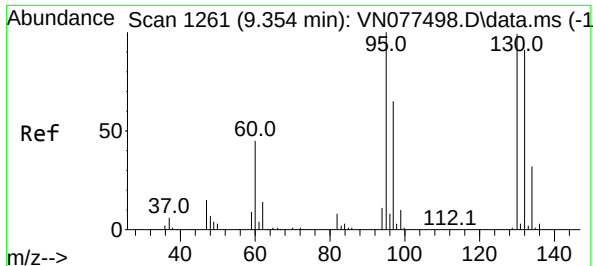


#36
1,2-Dichloroethane
Concen: 56.338 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.001 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



Tgt Ion: 62 Resp: 864101
Ion Ratio Lower Upper
62 100
98 9.4 8.0 12.0





#37

Trichloroethene

Concen: 53.266 ug/l

RT: 9.354 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:130 Resp: 60463

Ion Ratio Lower Upper

130 100

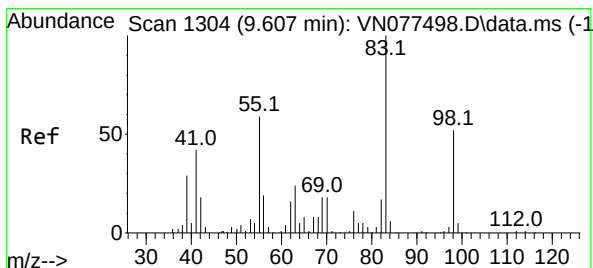
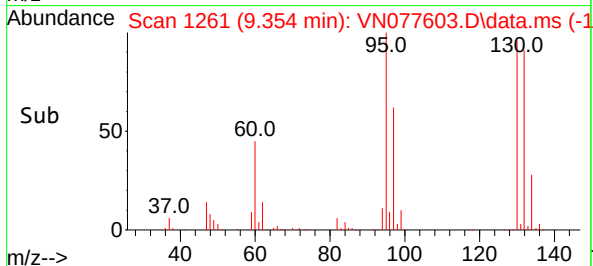
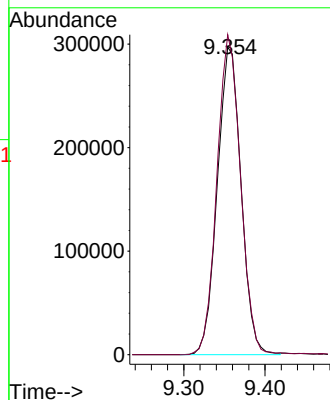
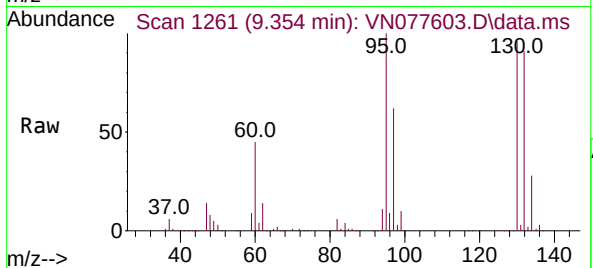
95 104.1 87.1 130.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#38

Methylcyclohexane

Concen: 54.603 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

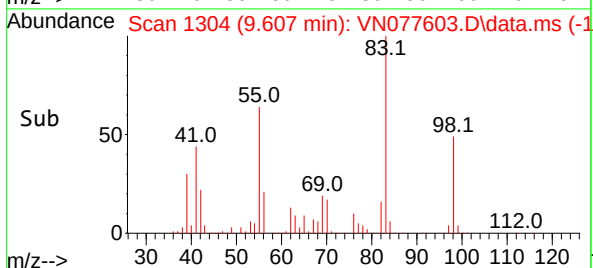
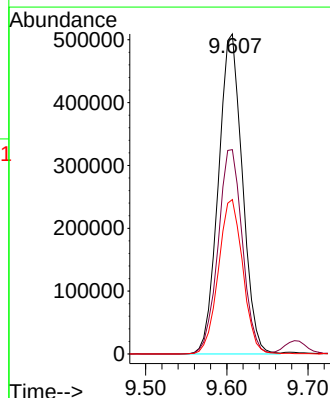
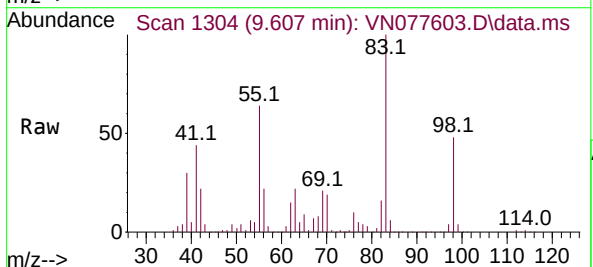
Tgt Ion: 83 Resp: 1047633

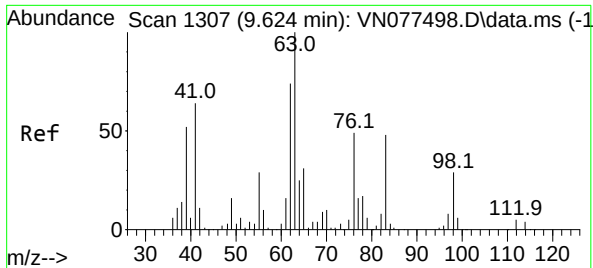
Ion Ratio Lower Upper

83 100

55 64.7 29.6 88.9

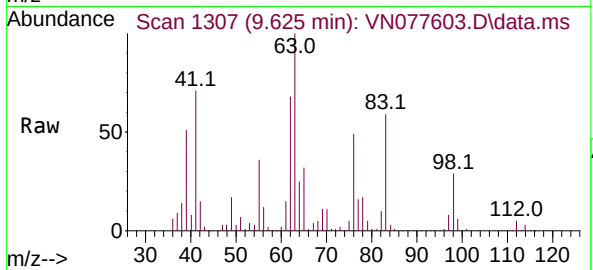
98 49.0 25.1 75.3





#39
1,2-Dichloropropane
Concen: 56.703 ug/l
RT: 9.625 min Scan# 1307
Delta R.T. 0.001 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

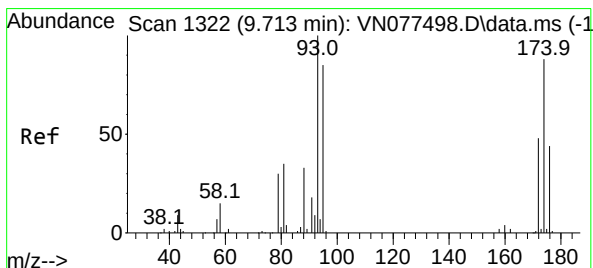
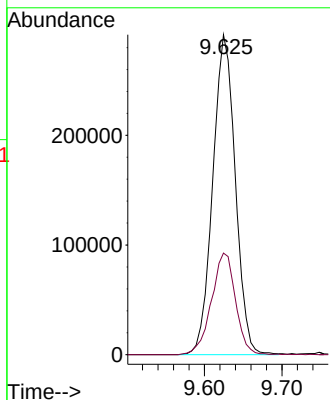
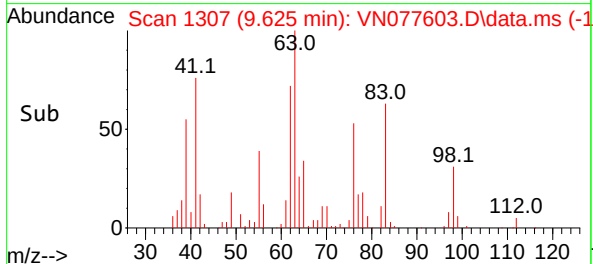
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 63 Resp: 589830
Ion Ratio Lower Upper
63 100
65 31.7 24.1 36.1

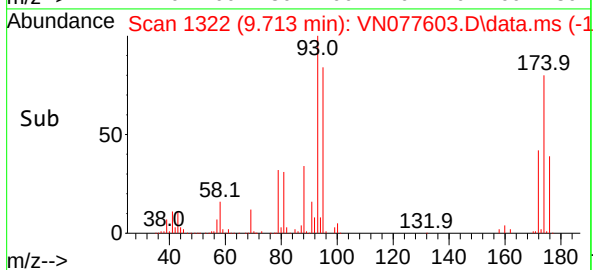
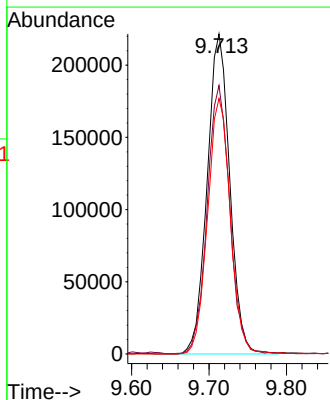
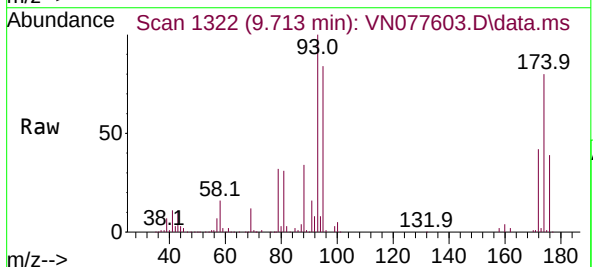
Manual Integrations
APPROVED

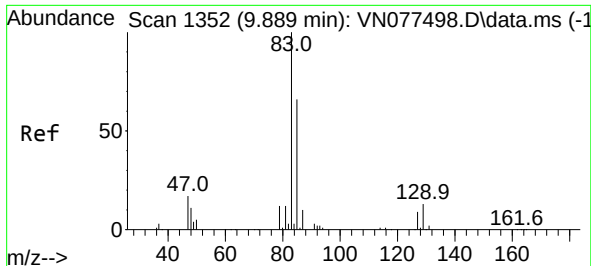
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#40
Dibromomethane
Concen: 54.818 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

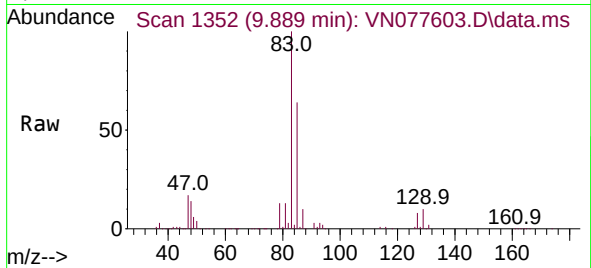
Tgt Ion: 93 Resp: 449699
Ion Ratio Lower Upper
93 100
95 83.4 0.0 171.0
174 79.9 0.0 164.2





#41
Bromodichloromethane
Concen: 56.687 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

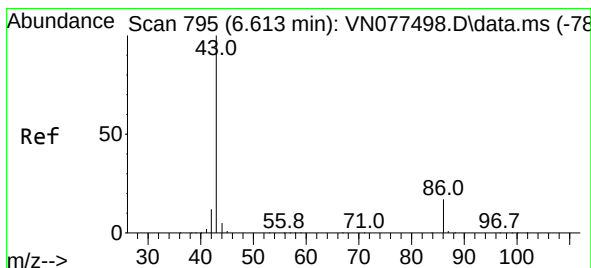
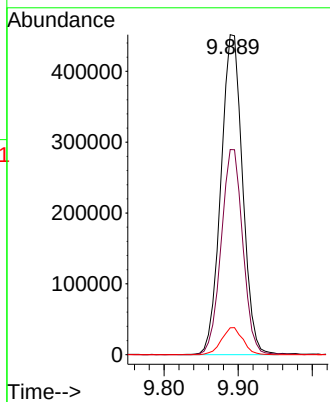
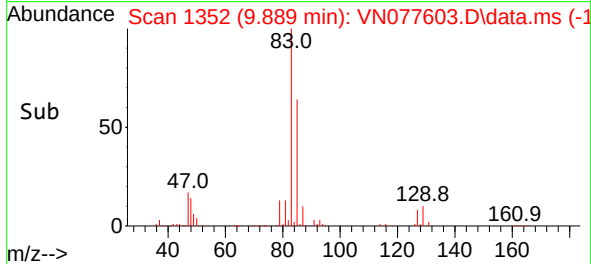
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



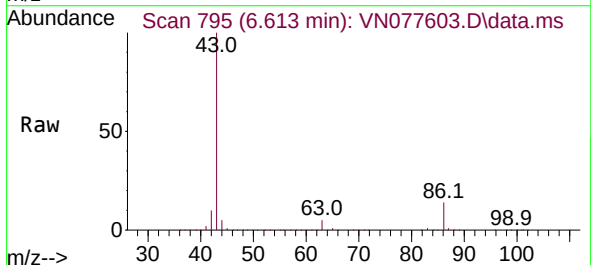
Tgt Ion: 83 Resp: 918430
Ion Ratio Lower Upper
83 100
85 64.1 49.2 73.8
127 8.4 6.1 9.1

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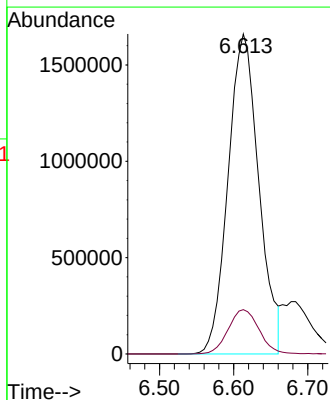
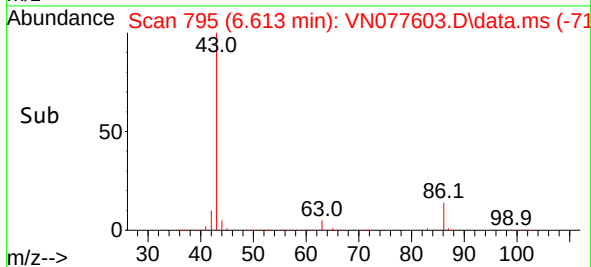
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

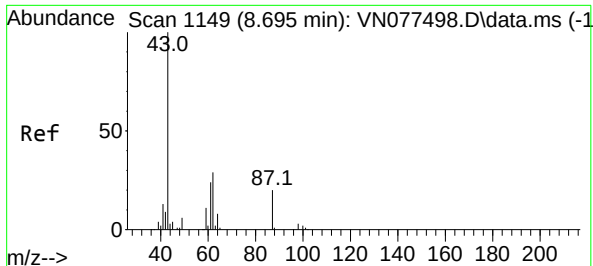


#42
Vinyl Acetate
Concen: 284.239 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



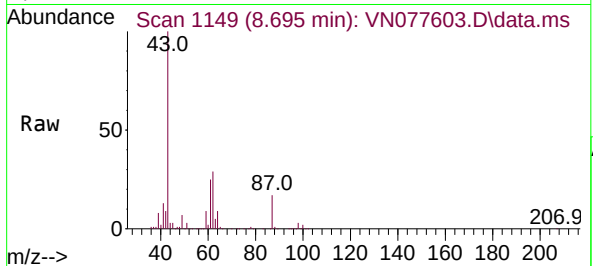
Tgt Ion: 43 Resp: 4792990
Ion Ratio Lower Upper
43 100
86 13.9 12.6 18.8





#44
Isopropyl Acetate
Concen: 63.644 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

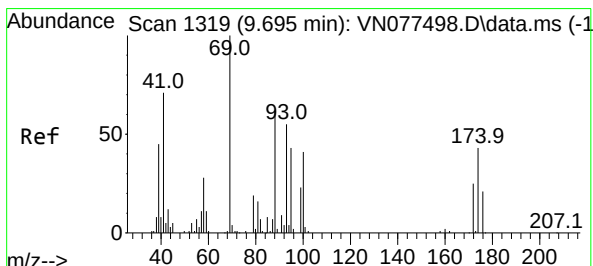
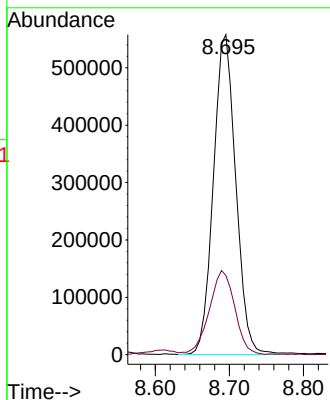
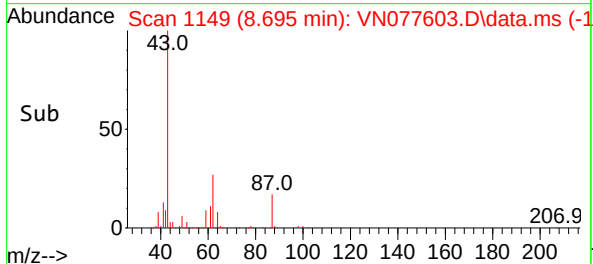
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



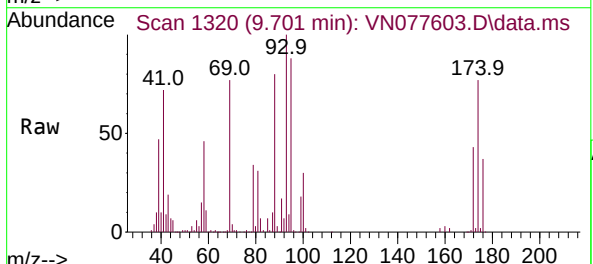
Tgt Ion: 43 Resp: 1168390
Ion Ratio Lower Upper
43 100
61 30.1 27.2 40.8

Manual Integrations
APPROVED

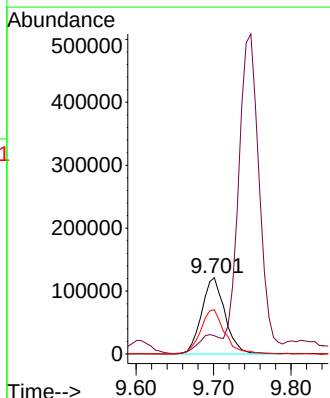
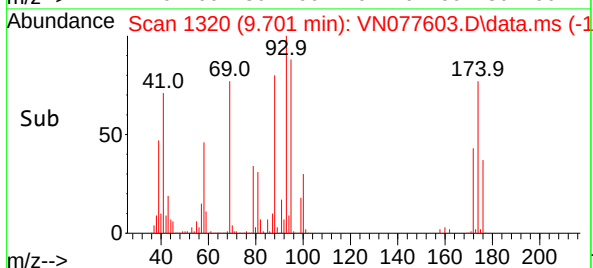
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

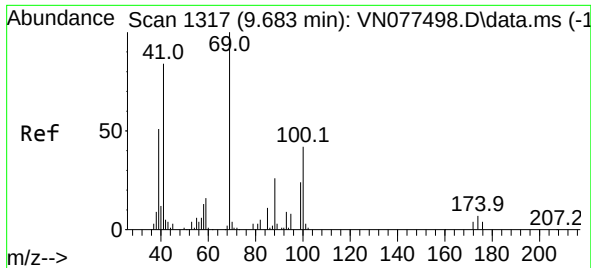


#45
1,4-Dioxane
Concen: 1136.753 ug/l
RT: 9.701 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



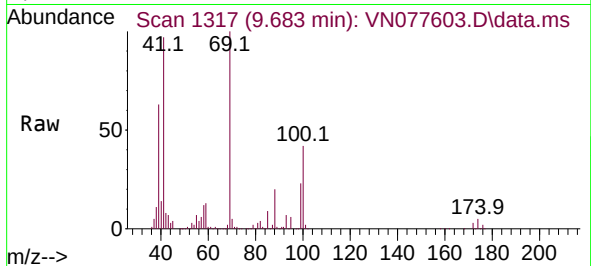
Tgt Ion: 88 Resp: 253083
Ion Ratio Lower Upper
88 100
43 25.2 16.6 24.8#
58 60.4 47.3 70.9





#46
Methyl methacrylate
Concen: 63.283 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

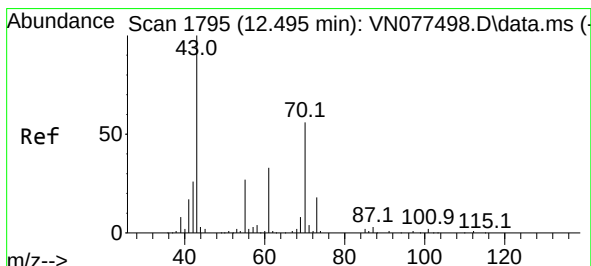
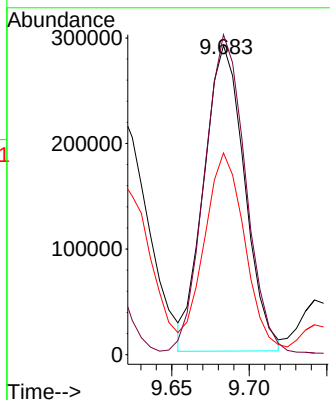
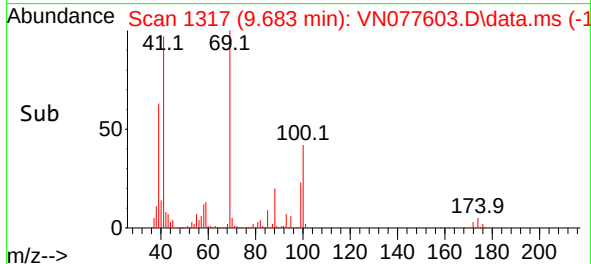
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



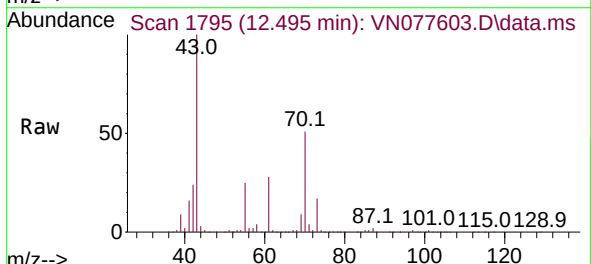
Tgt Ion: 41 Resp: 528720
Ion Ratio Lower Upper
41 100
69 104.8 59.2 177.6
39 65.1 33.4 100.1

Manual Integrations
APPROVED

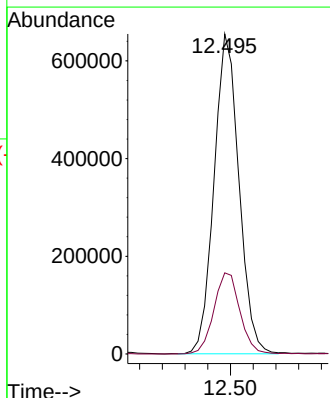
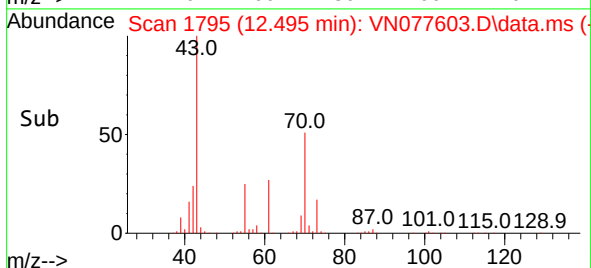
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

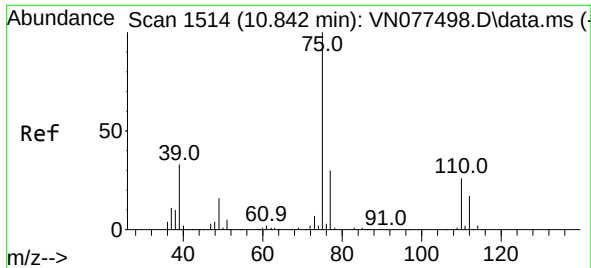


#47
n-amy1 Acetate
Concen: 67.627 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



Tgt Ion: 43 Resp: 995218
Ion Ratio Lower Upper
43 100
55 26.6 22.2 33.2





#48

t-1,3-Dichloropropene

Concen: 57.900 ug/l

RT: 10.836 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 75 Resp: 95506

Ion Ratio Lower Upper

75 100

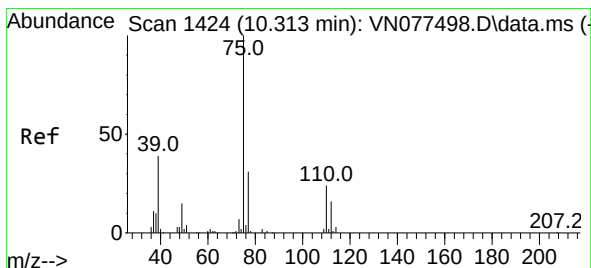
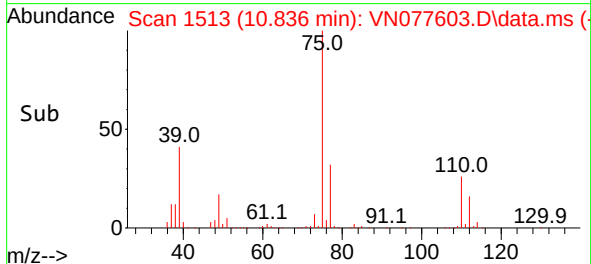
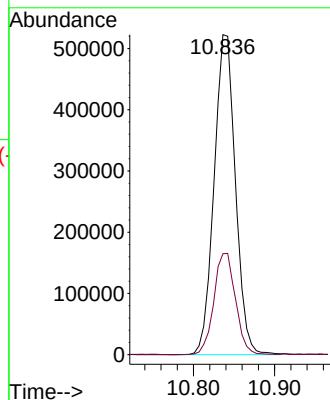
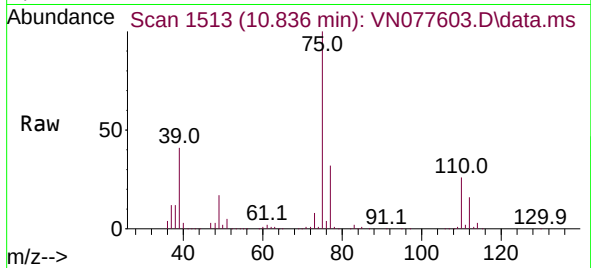
77 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#49

cis-1,3-Dichloropropene

Concen: 57.841 ug/l

RT: 10.319 min Scan# 1425

Delta R.T. 0.006 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

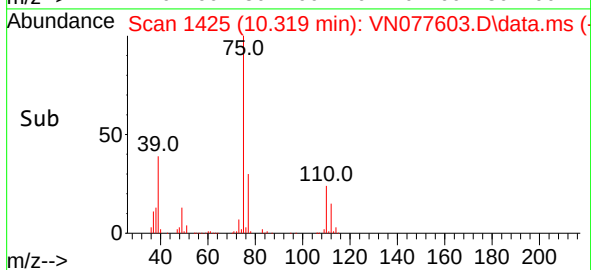
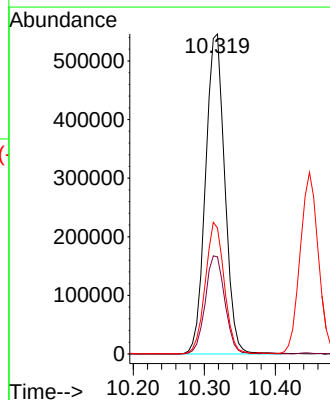
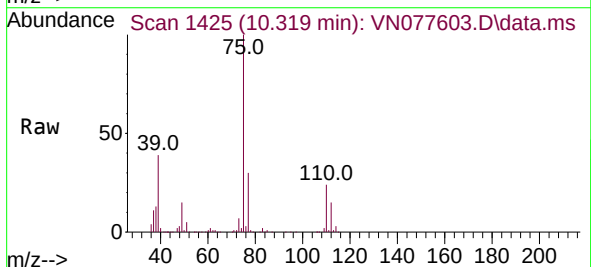
Tgt Ion: 75 Resp: 1029929

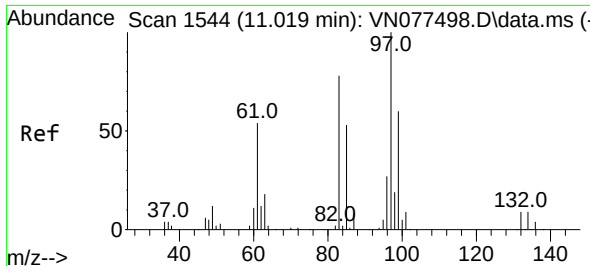
Ion Ratio Lower Upper

75 100

77 30.4 25.8 38.8

39 39.3 28.5 42.7





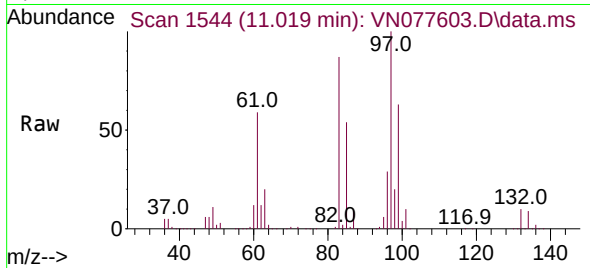
#50
1,1,2-Trichloroethane
Concen: 54.506 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075



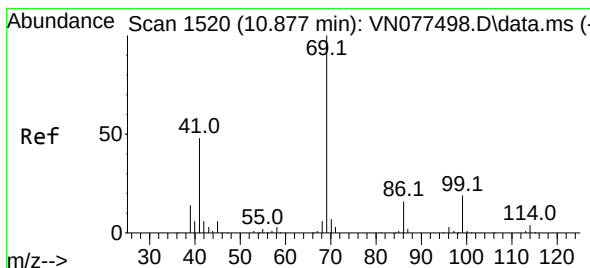
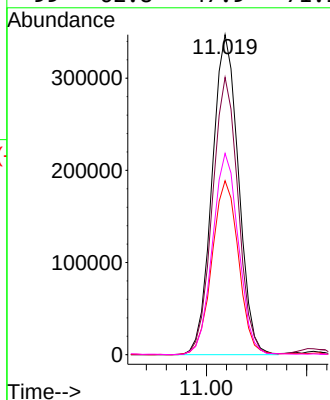
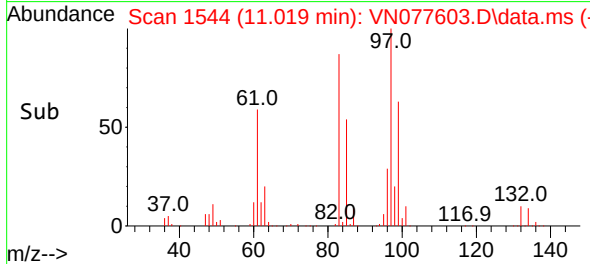
Tgt Ion: 97 Resp: 634729
Ion Ratio Lower Upper
97 100
83 86.5 67.0 100.6
85 54.3 41.6 62.4
99 62.8 47.9 71.9

Manual Integrations

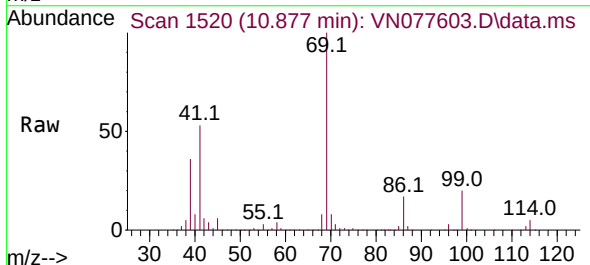
APPROVED

Reviewed By :John Carlone 05/08/2023

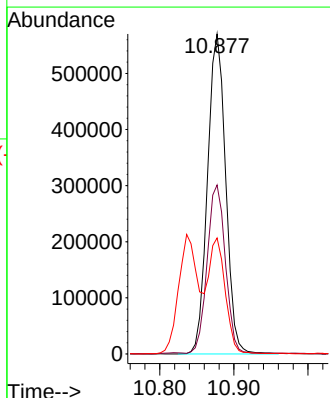
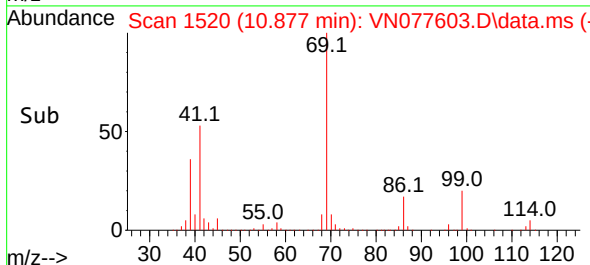
Supervised By :Mahesh Dadoda 05/08/2023

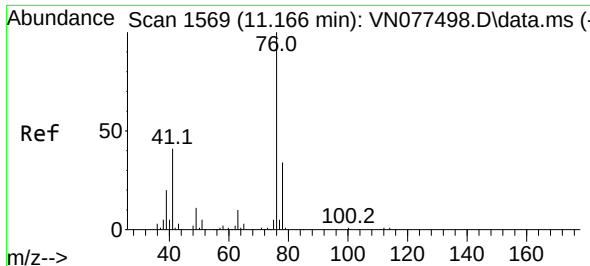


#51
Ethyl methacrylate
Concen: 60.213 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



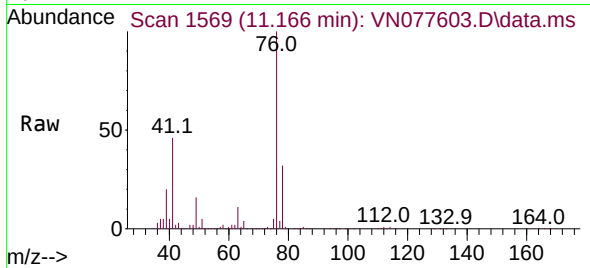
Tgt Ion: 69 Resp: 970777
Ion Ratio Lower Upper
69 100
41 52.6 22.5 67.5
39 36.0 16.2 48.5





#52
1,3-Dichloropropane
Concen: 56.520 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

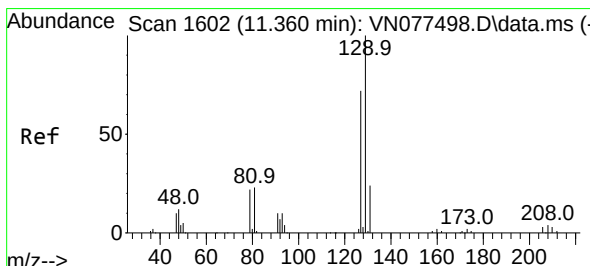
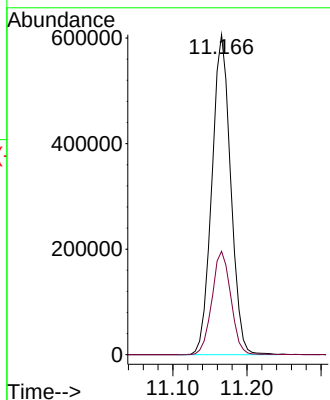
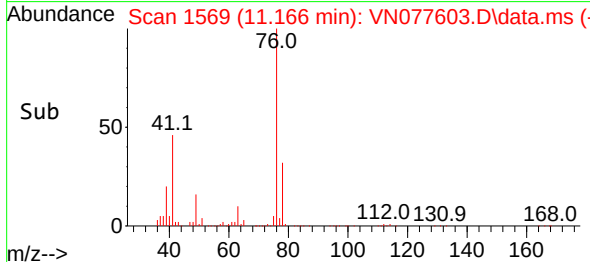
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



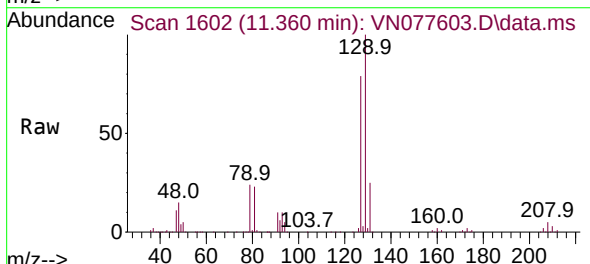
Tgt Ion: 76 Resp: 106806
Ion Ratio Lower Upper
76 100
78 32.4 0.0 64.4

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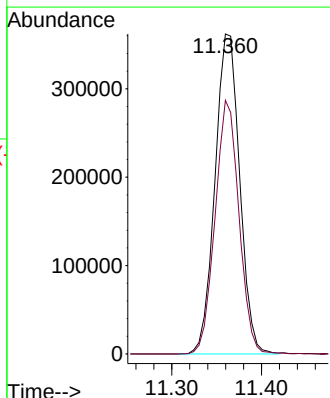
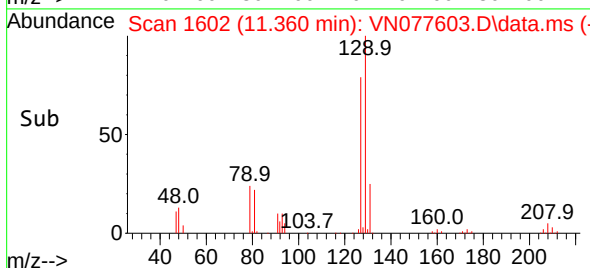
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

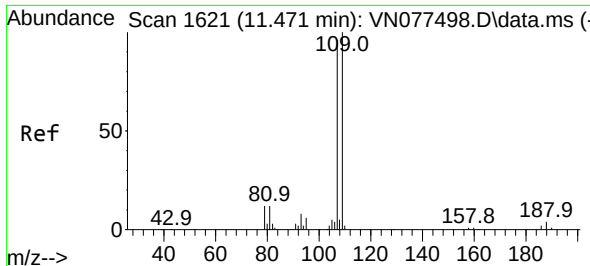


#53
Dibromochloromethane
Concen: 57.702 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



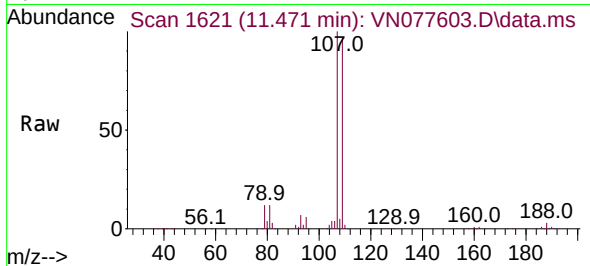
Tgt Ion:129 Resp: 691795
Ion Ratio Lower Upper
129 100
127 76.7 38.2 114.6





#54
1,2-Dibromoethane
Concen: 55.196 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

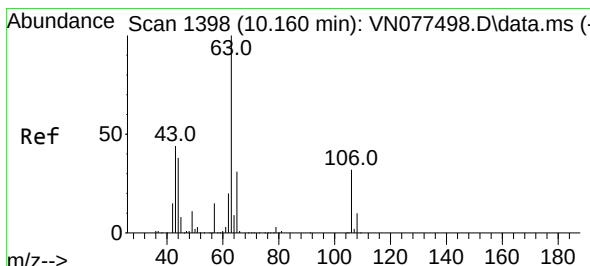
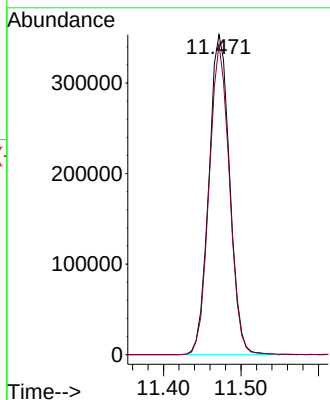
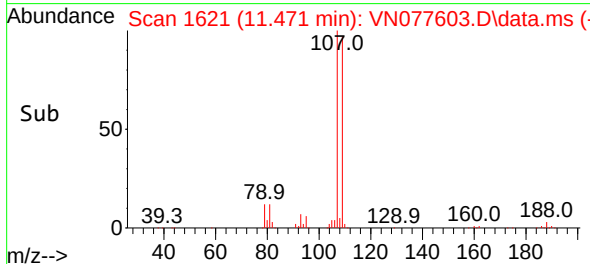
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:107 Resp: 657780
Ion Ratio Lower Upper
107 100
109 94.7 73.8 110.6

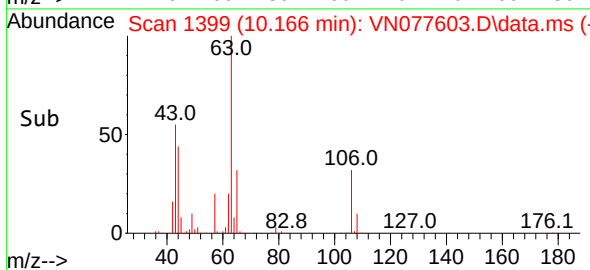
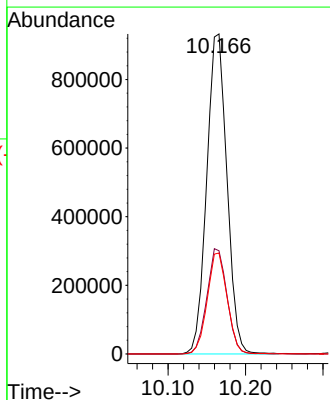
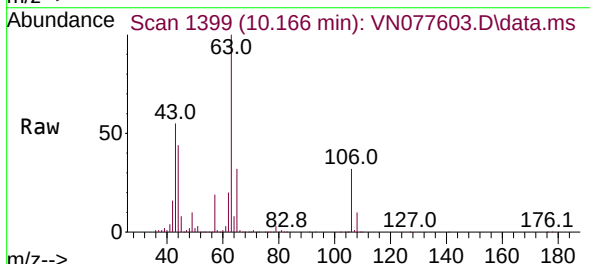
Manual Integrations
APPROVED

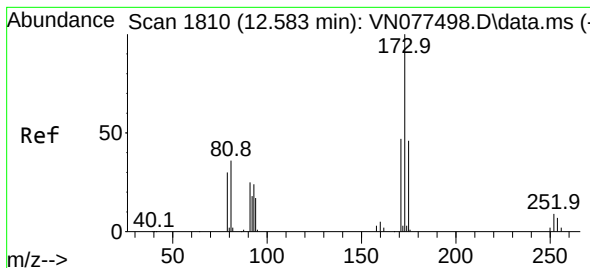
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#55
2-Chloroethyl vinyl ether
Concen: 319.814 ug/l
RT: 10.166 min Scan# 1399
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

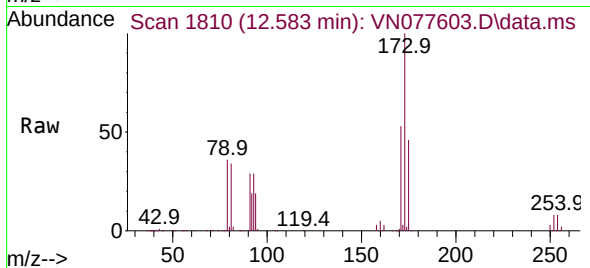
Tgt Ion: 63 Resp: 1691965
Ion Ratio Lower Upper
63 100
65 32.6 25.8 38.6
106 31.1 26.2 39.2





#56
Bromoform
Concen: 58.353 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

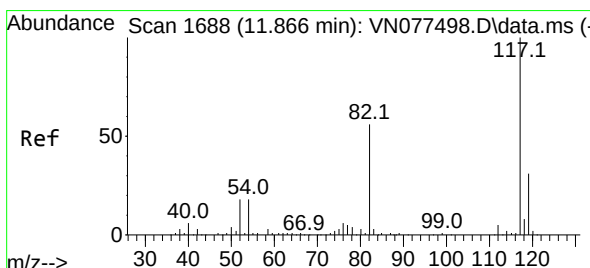
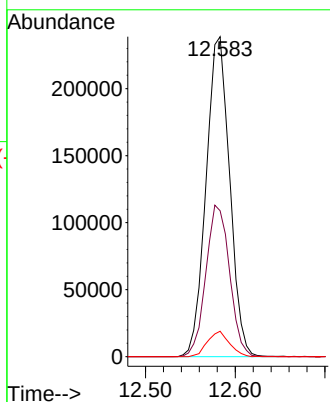
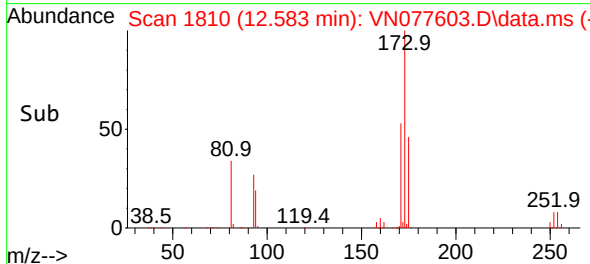
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



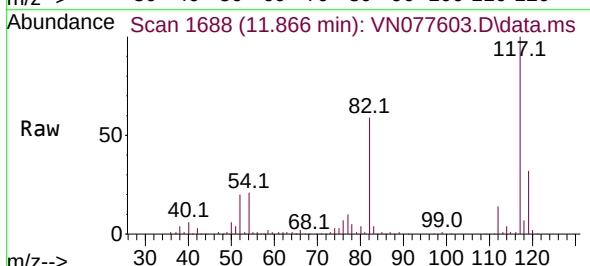
Tgt Ion:173 Resp: 436361
Ion Ratio Lower Upper
173 100
175 47.6 40.3 60.5
254 7.4 5.0 7.6

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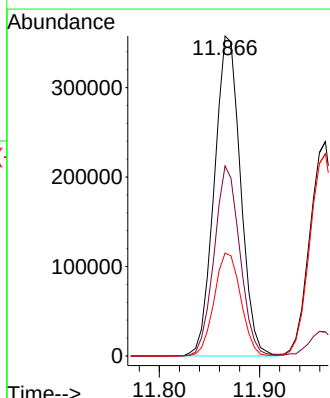
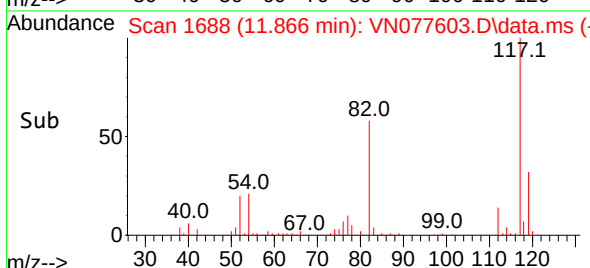
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

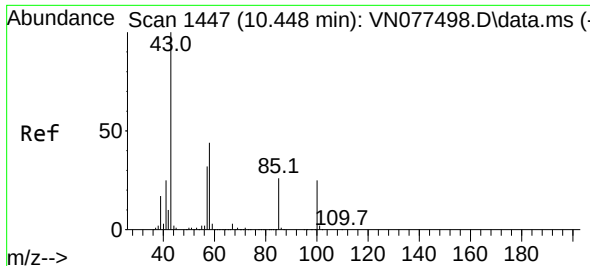


#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



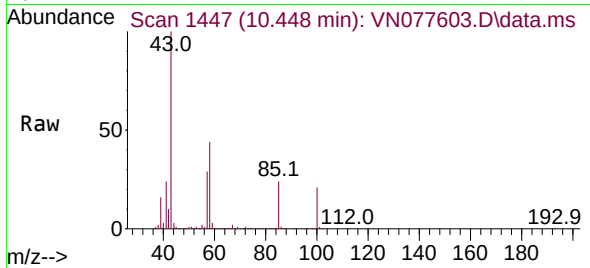
Tgt Ion:117 Resp: 647075
Ion Ratio Lower Upper
117 100
82 58.3 44.2 66.2
119 32.7 25.4 38.2





#58
4-Methyl-2-Pentanone
Concen: 373.057 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

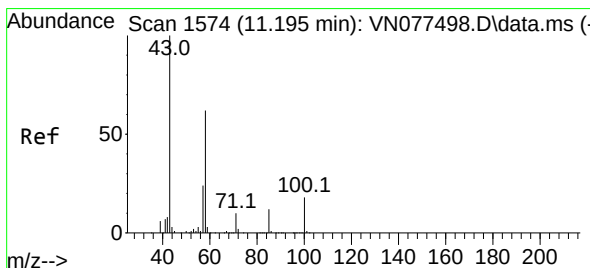
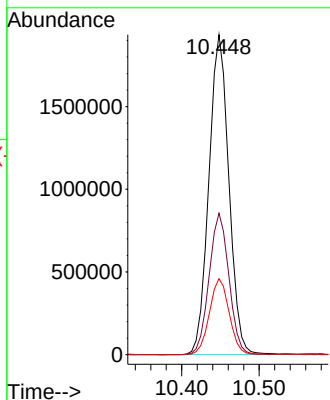
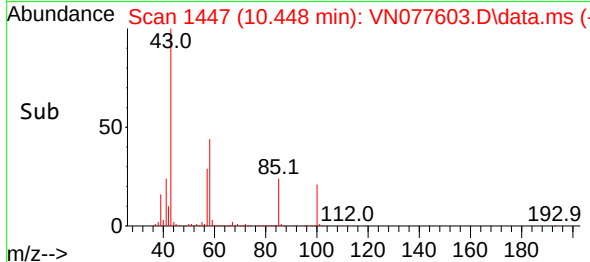
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 43 Resp: 347645
Ion Ratio Lower Upper
43 100
58 43.9 37.2 55.8
85 23.5 21.1 31.7

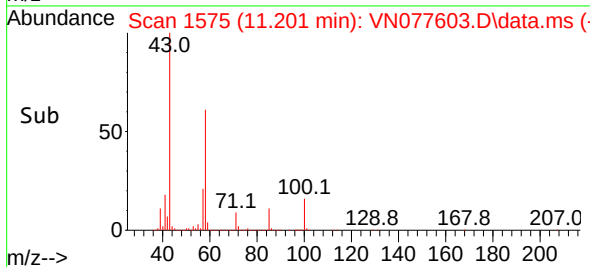
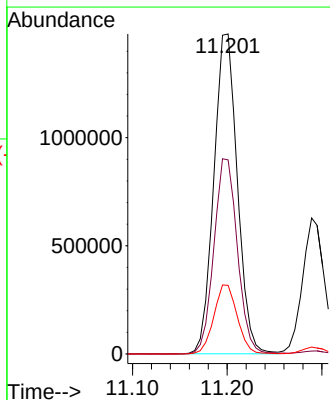
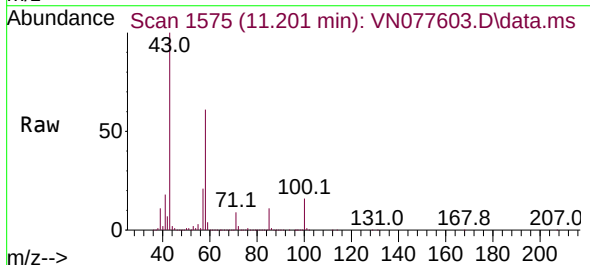
Manual Integrations
APPROVED

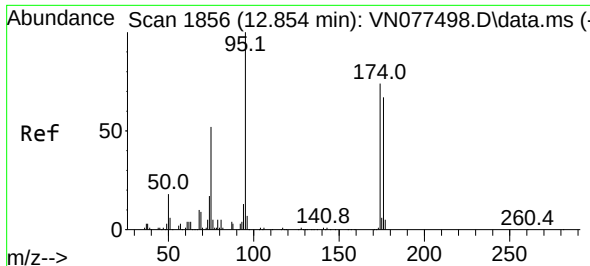
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#59
2-Hexanone
Concen: 372.900 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

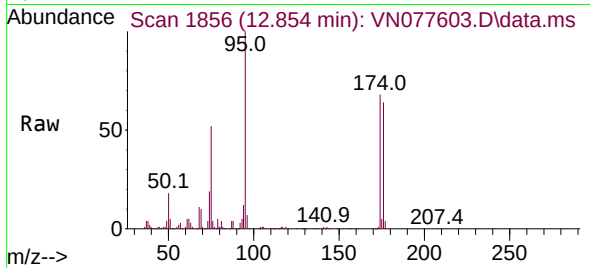
Tgt Ion: 43 Resp: 2560204
Ion Ratio Lower Upper
43 100
58 61.0 51.8 77.8
57 21.5 18.2 27.4





#60
4-Bromofluorobenzene
Concen: 27.750 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

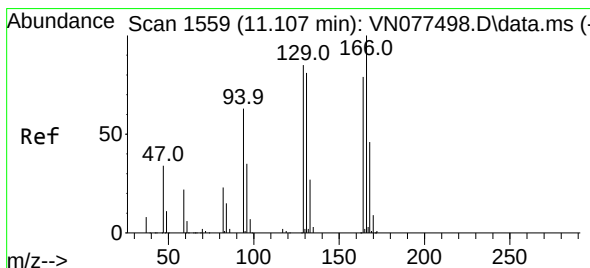
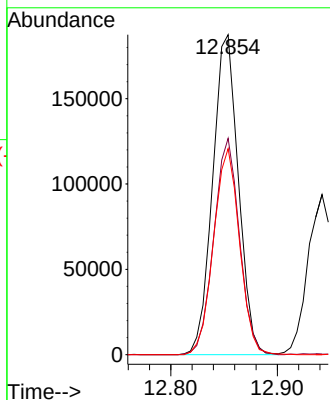
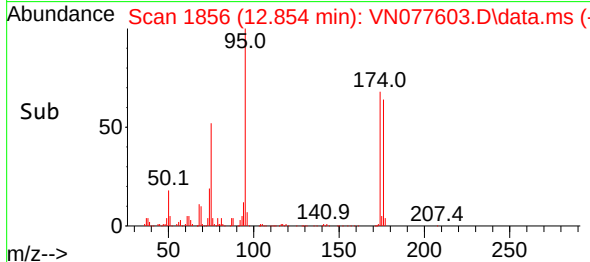
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 95 Resp: 314589
Ion Ratio Lower Upper
95 100
174 67.3 55.9 83.9
176 65.0 53.9 80.9

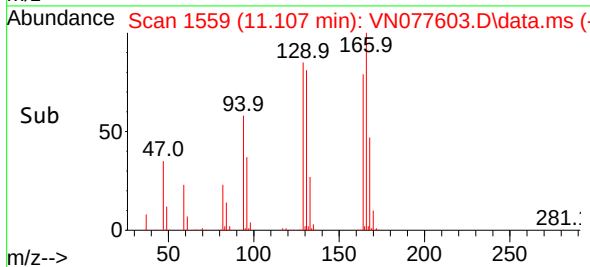
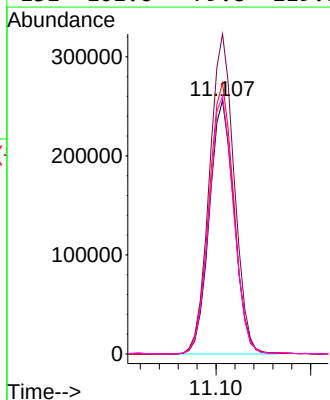
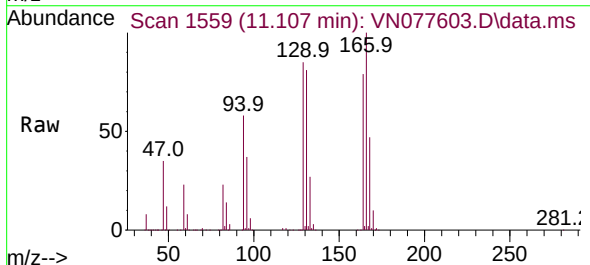
Manual Integrations
APPROVED

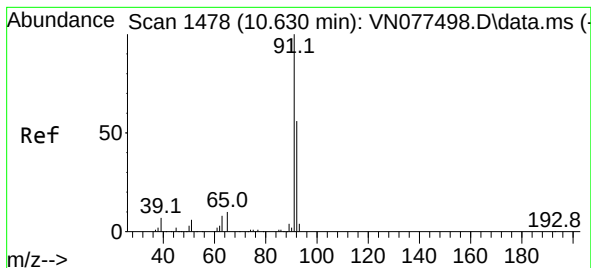
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#61
Tetrachloroethene
Concen: 61.352 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:164 Resp: 463705
Ion Ratio Lower Upper
164 100
166 126.2 94.5 141.7
129 106.9 80.2 120.2
131 101.6 79.8 119.8





#62

Toluene

Concen: 64.616 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 91 Resp: 2812008

Ion Ratio Lower Upper

91 100

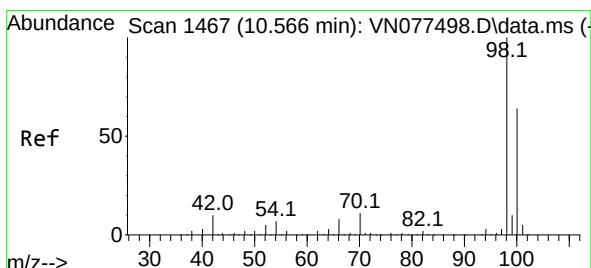
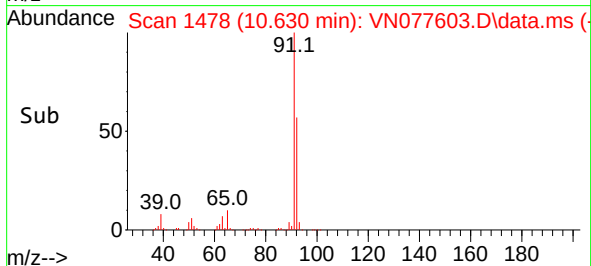
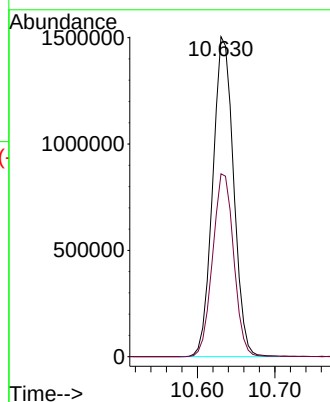
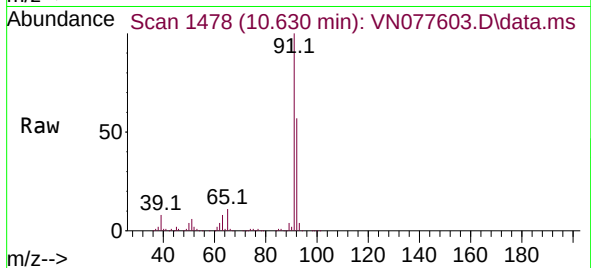
92 57.8 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#63

Toluene-d8

Concen: 38.864 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN077603.D

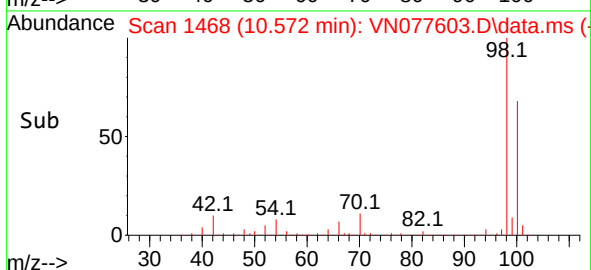
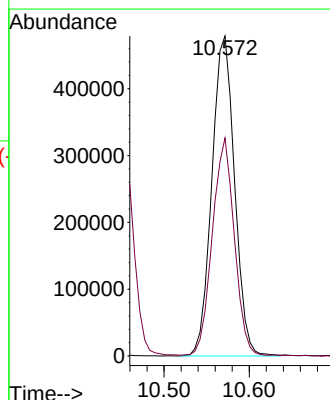
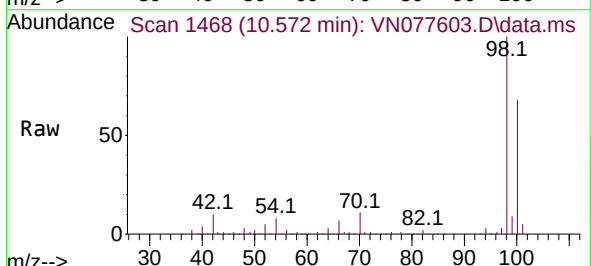
Acq: 05 May 2023 20:30

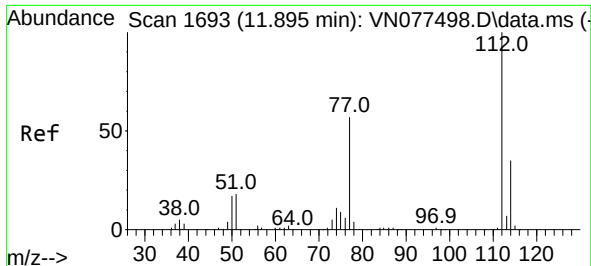
Tgt Ion: 98 Resp: 886147

Ion Ratio Lower Upper

98 100

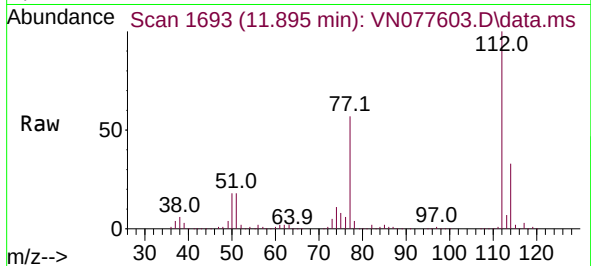
100 66.1 51.0 76.4





#64
Chlorobenzene
Concen: 63.799 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

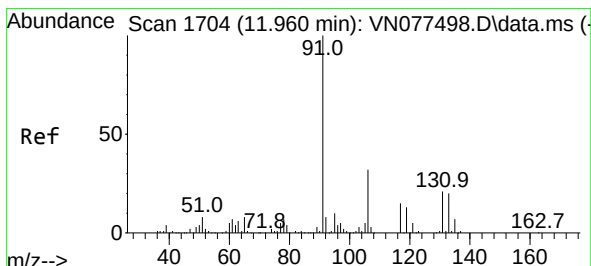
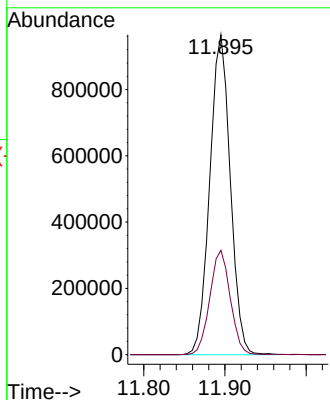
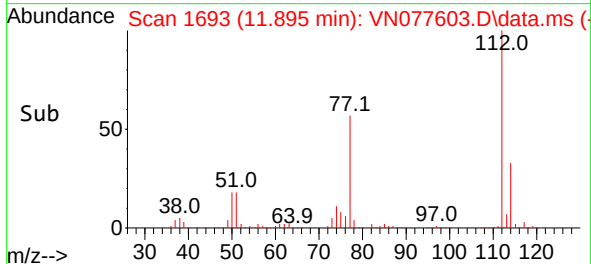
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion:112 Resp: 1696154
Ion Ratio Lower Upper
112 100
114 32.6 23.9 35.9

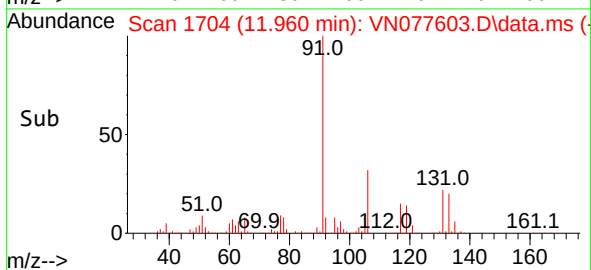
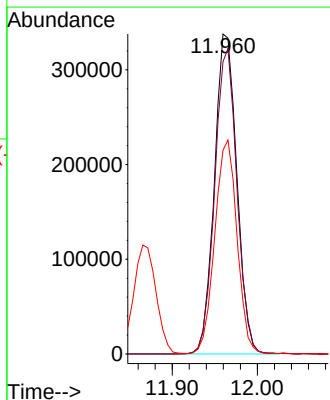
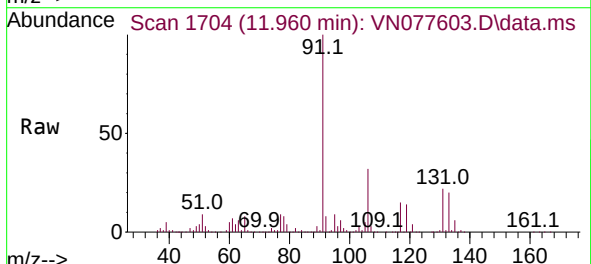
Manual Integrations
APPROVED

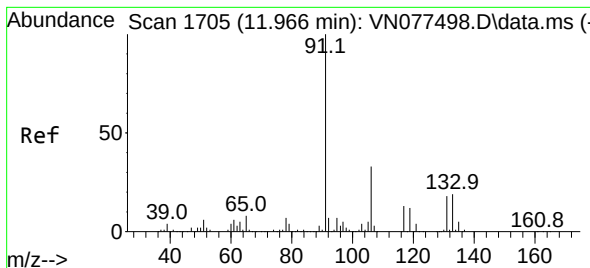
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#65
1,1,1,2-Tetrachloroethane
Concen: 65.169 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:131 Resp: 619162
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.4
119 66.4 0.0 137.2





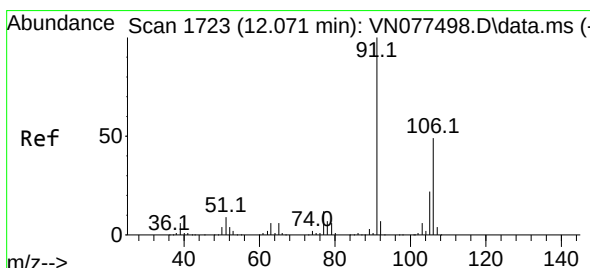
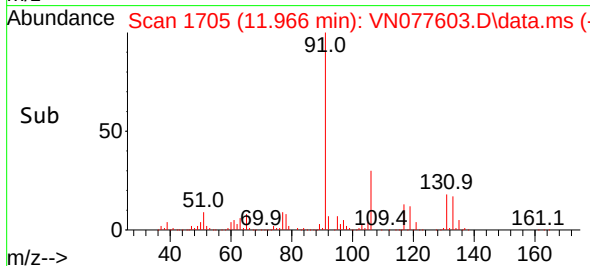
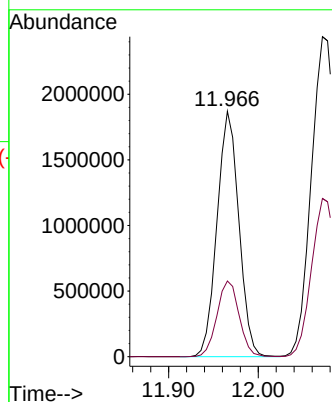
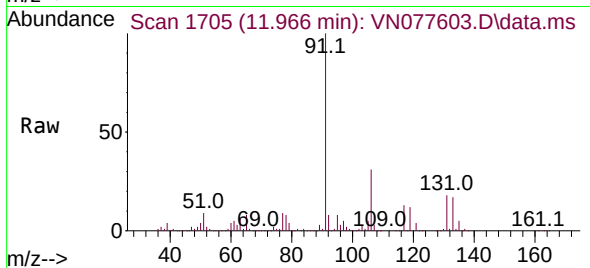
#66
Ethyl Benzene
Concen: 66.470 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 91 Resp: 315851
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

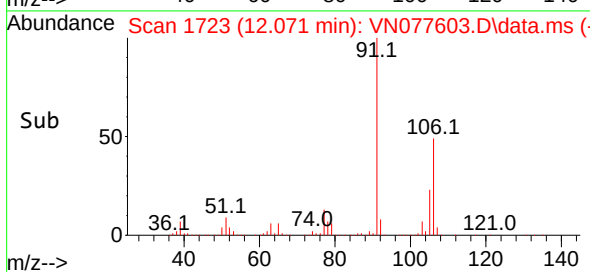
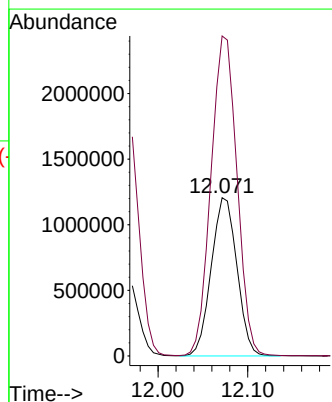
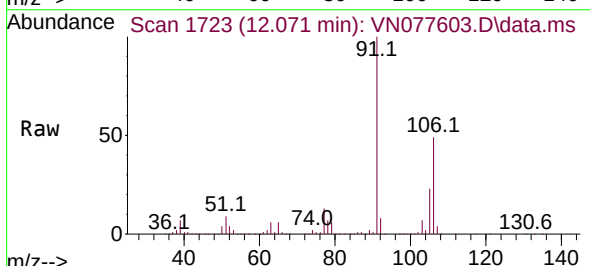
Manual Integrations
APPROVED

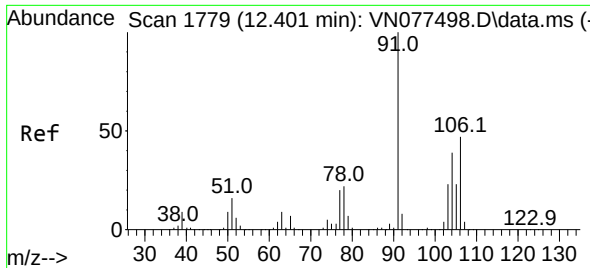
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#67
m/p-Xylenes
Concen: 129.558 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:106 Resp: 2397341
Ion Ratio Lower Upper
106 100
91 205.2 157.9 236.9





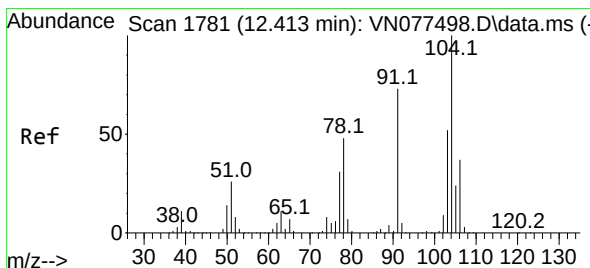
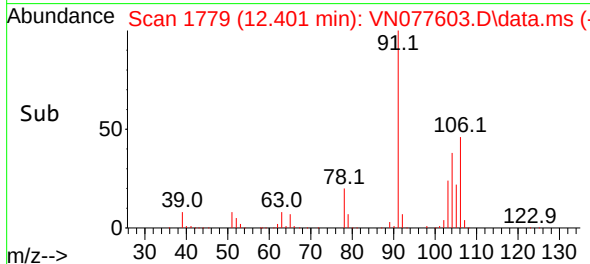
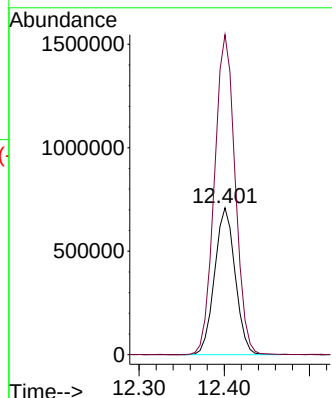
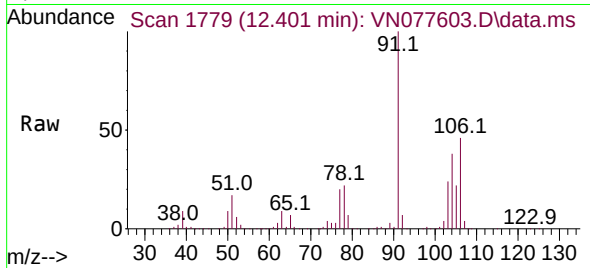
#68
o-Xylene
Concen: 64.895 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:106 Resp: 1192778
Ion Ratio Lower Upper
106 100
91 219.5 104.6 313.8

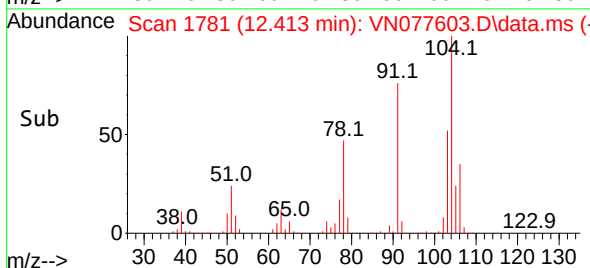
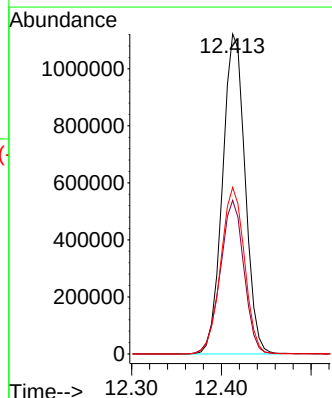
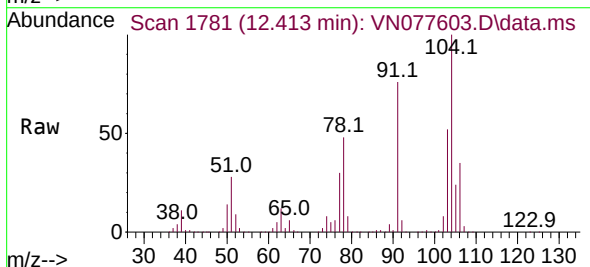
Manual Integrations
APPROVED

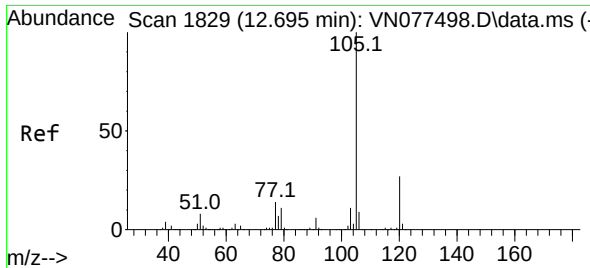
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#69
Styrene
Concen: 68.528 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

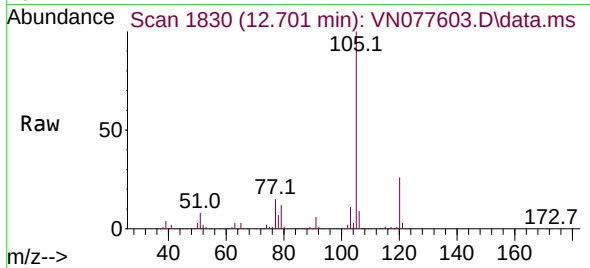
Tgt Ion:104 Resp: 1958540
Ion Ratio Lower Upper
104 100
78 50.4 39.3 58.9
103 54.8 44.6 66.8





#70
Isopropylbenzene
Concen: 67.255 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

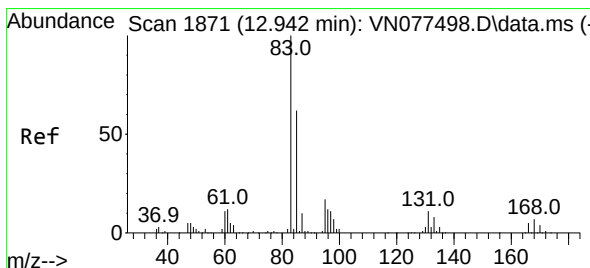
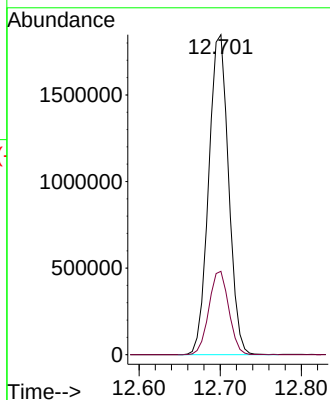
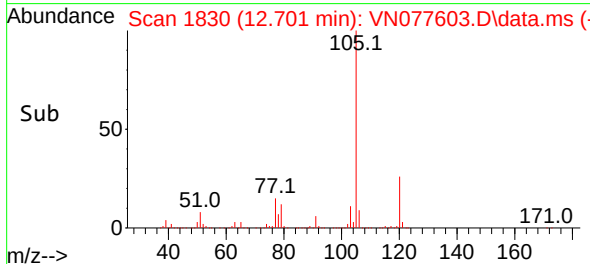
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



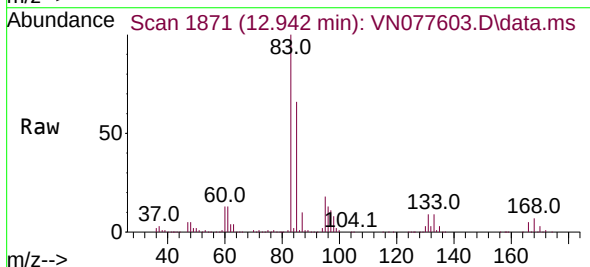
Tgt Ion:105 Resp: 313772
Ion Ratio Lower Upper
105 100
120 26.1 18.7 34.7

Manual Integrations
APPROVED

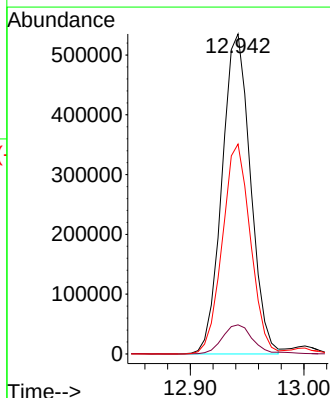
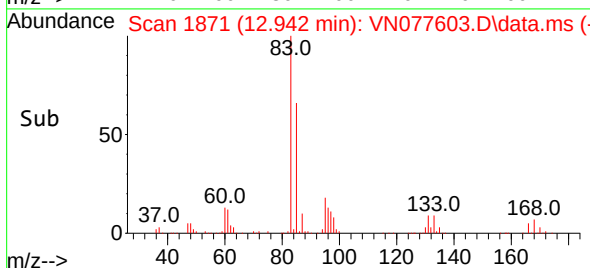
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

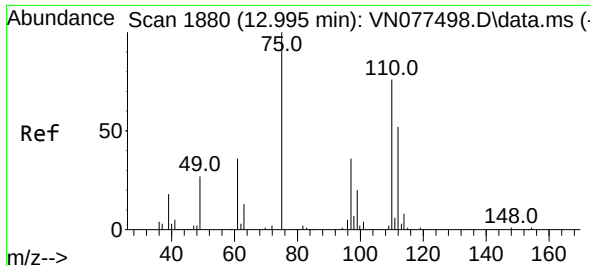


#71
1,1,2,2-Tetrachloroethane
Concen: 65.524 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



Tgt Ion: 83 Resp: 931181
Ion Ratio Lower Upper
83 100
131 9.6 4.8 14.3
85 64.7 31.6 94.8





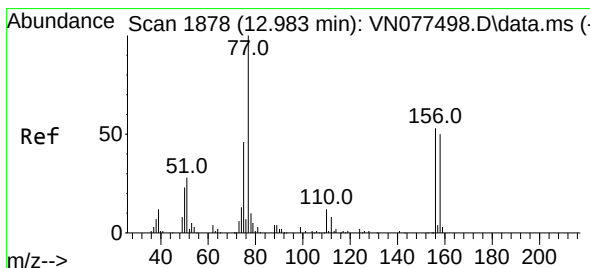
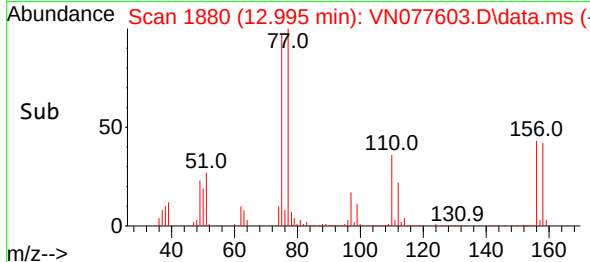
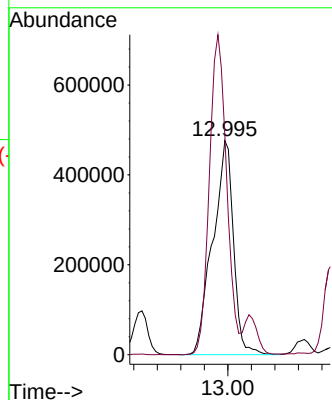
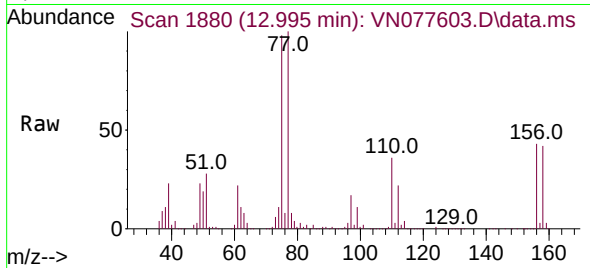
#72
1,2,3-Trichloropropane
Concen: 96.434 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 75 Resp: 116576
Ion Ratio Lower Upper
75 100
77 124.7 0.0 367.2

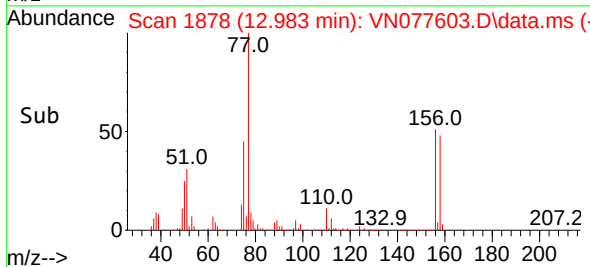
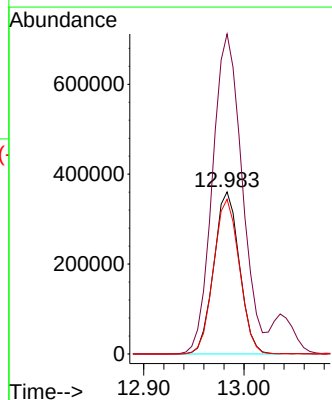
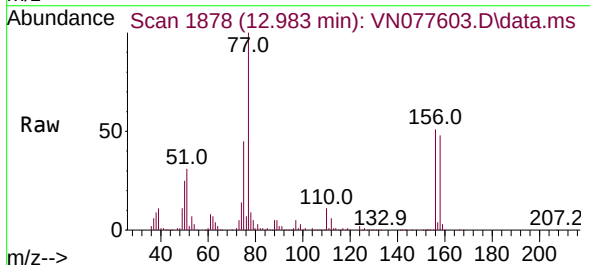
Manual Integrations
APPROVED

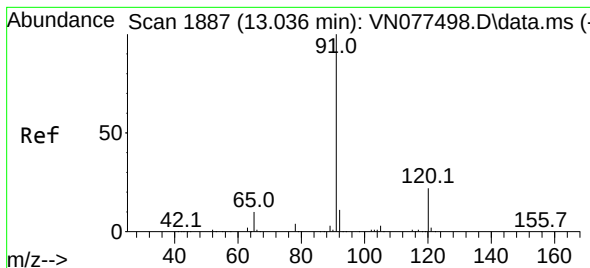
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#73
Bromobenzene
Concen: 63.839 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:156 Resp: 640485
Ion Ratio Lower Upper
156 100
77 227.0 0.0 431.6
158 96.3 0.0 192.4





#74

n-propylbenzene

Concen: 69.332 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. 0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 91 Resp: 359943

Ion Ratio Lower Upper

91 100

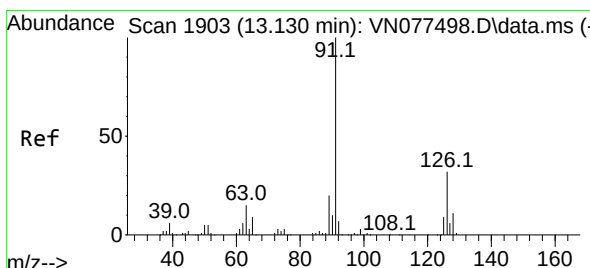
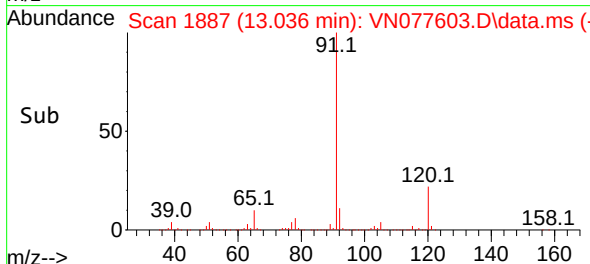
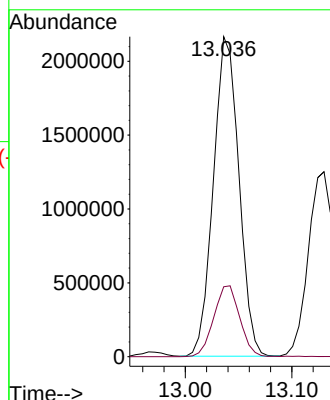
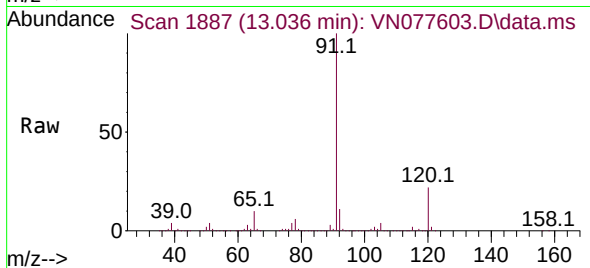
120 22.5 0.0 46.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#75

2-Chlorotoluene

Concen: 68.452 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VN077603.D

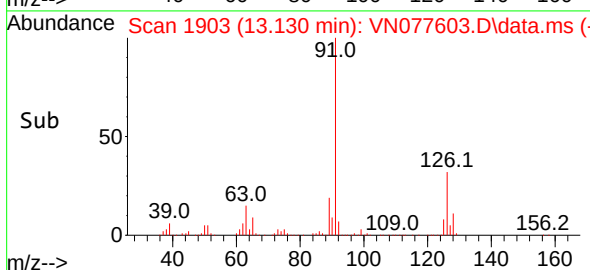
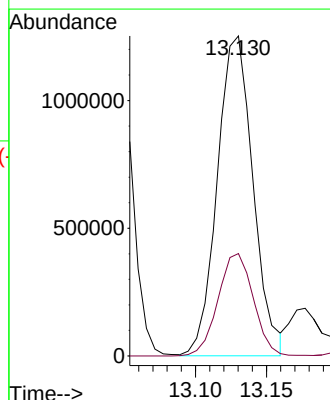
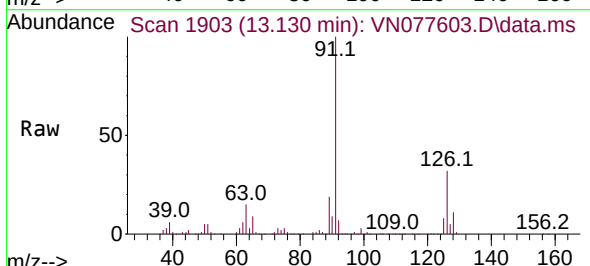
Acq: 05 May 2023 20:30

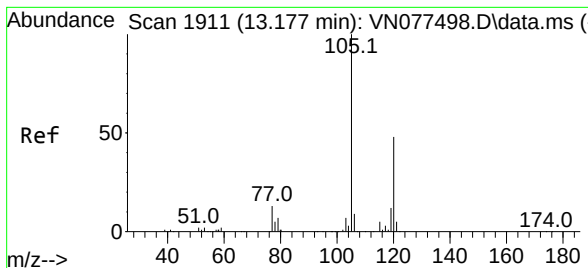
Tgt Ion: 91 Resp: 2191963

Ion Ratio Lower Upper

91 100

126 31.6 0.0 65.2





#76

1,3,5-Trimethylbenzene

Concen: 72.953 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. 0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:105 Resp: 2623592

Ion Ratio Lower Upper

105 100

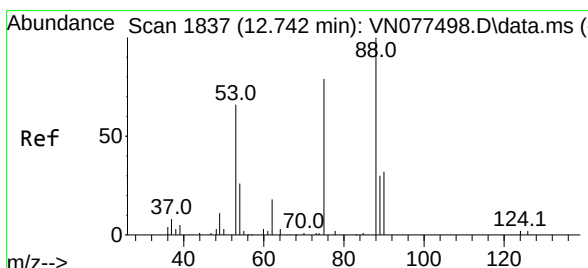
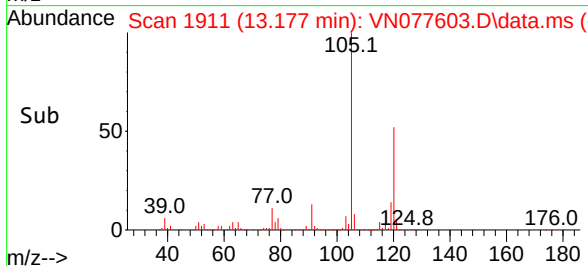
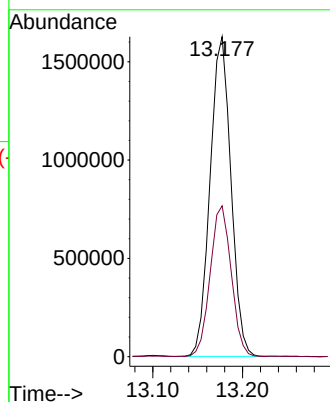
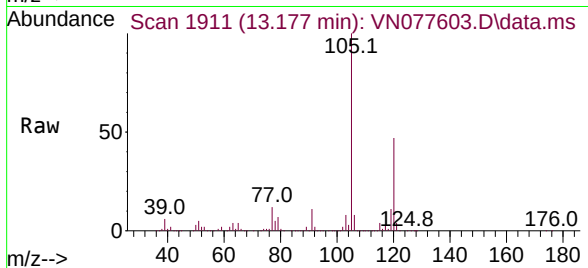
120 47.5 0.0 93.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#77

t-1,4-Dichloro-2-butene

Concen: 71.620 ug/l

RT: 12.742 min Scan# 1837

Delta R.T. -0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

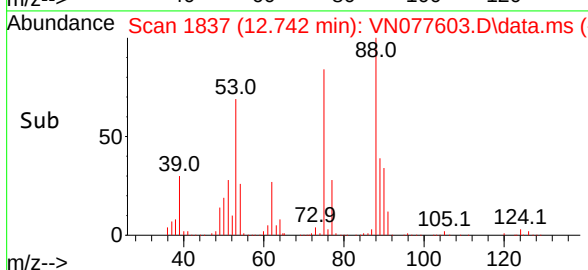
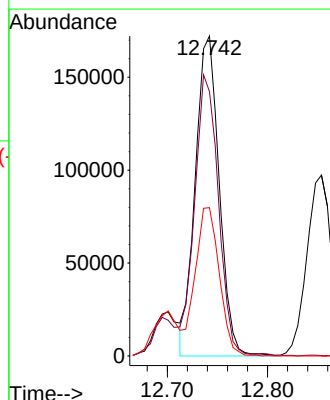
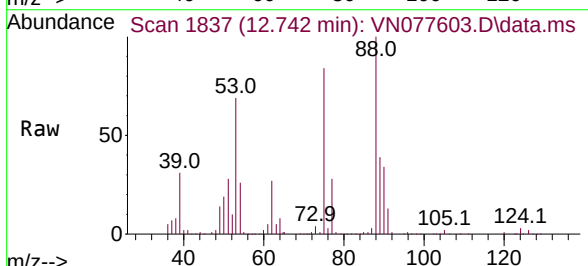
Tgt Ion: 75 Resp: 285966

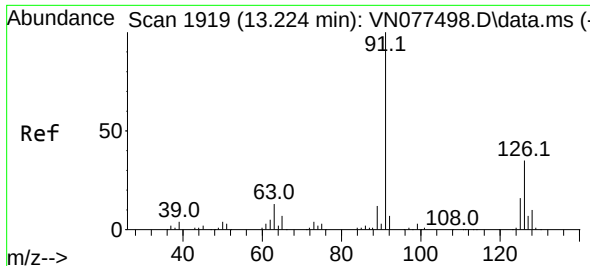
Ion Ratio Lower Upper

75 100

53 82.5 38.2 114.6

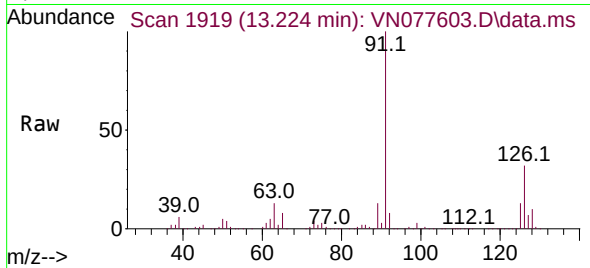
89 46.4 22.1 66.1





#78
4-Chlorotoluene
Concen: 69.180 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

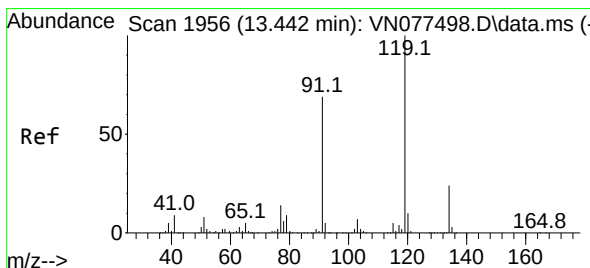
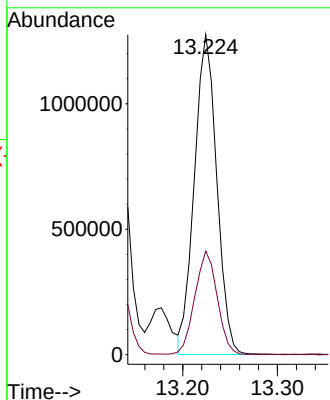
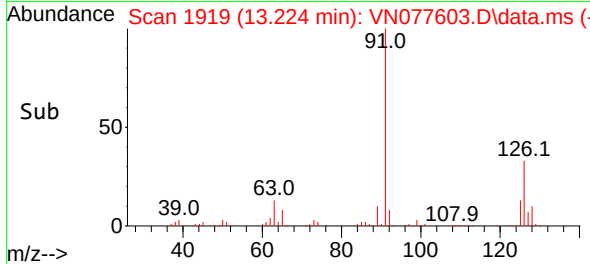
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 91 Resp: 209721
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.6

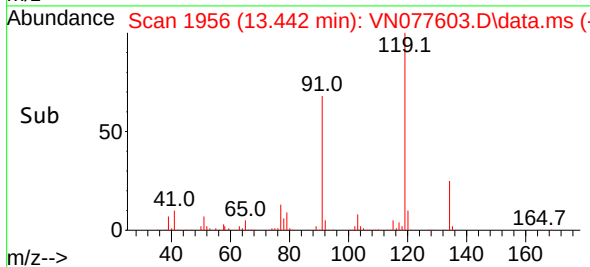
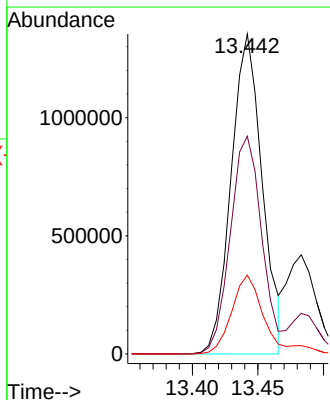
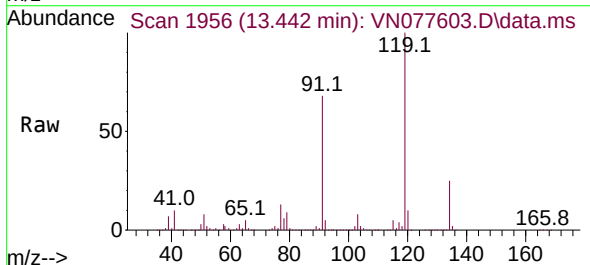
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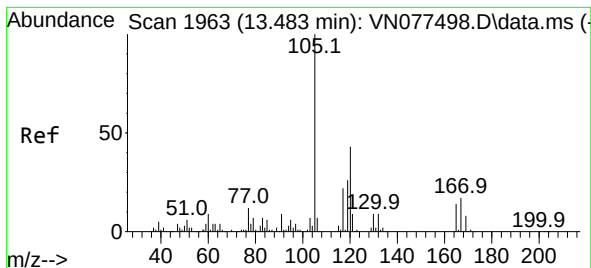
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#79
tert-butylbenzene
Concen: 67.160 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Tgt Ion:119 Resp: 2234276
Ion Ratio Lower Upper
119 100
91 68.4 0.0 139.4
134 24.3 0.0 49.2





#80

1,2,4-Trimethylbenzene

Concen: 77.845 ug/l

RT: 13.483 min Scan# 1963

Delta R.T. 0.000 min

Lab File: VN077603.D

Acq: 05 May 2023 20:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion:105 Resp: 2574734

Ion Ratio Lower Upper

105 100

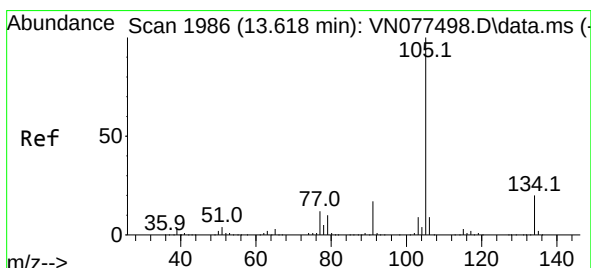
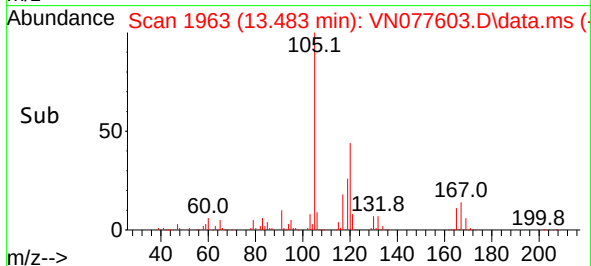
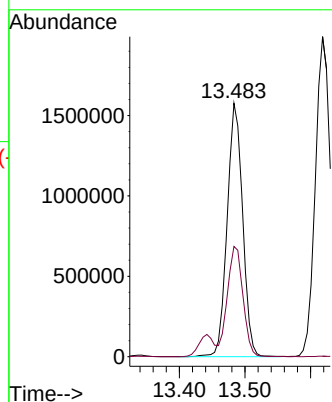
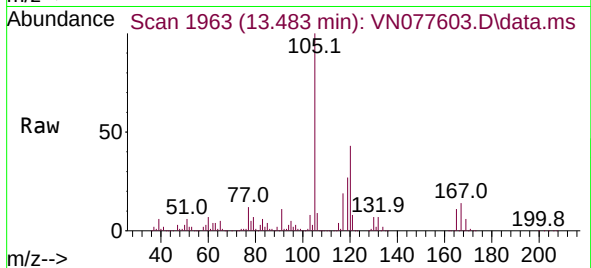
120 43.3 0.0 87.8

Manual Integrations

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Reviewed By :John Carlone 05/08/2023

Supervised By :Mahesh Dadoda 05/08/2023



#81

sec-Butylbenzene

Concen: 69.986 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN077603.D

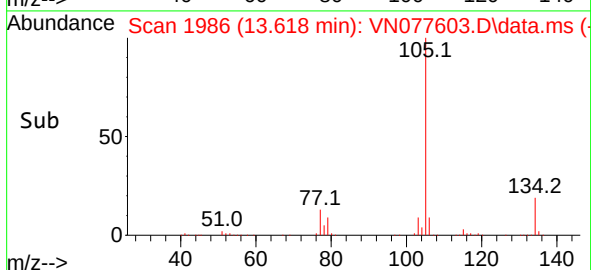
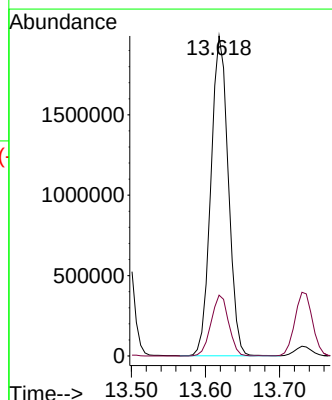
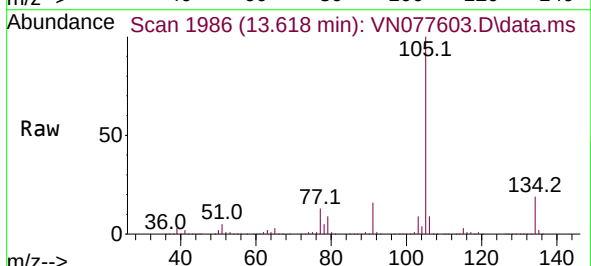
Acq: 05 May 2023 20:30

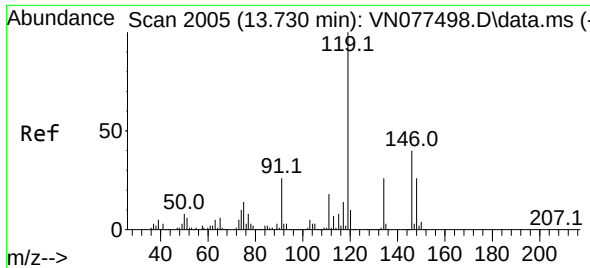
Tgt Ion:105 Resp: 3245863

Ion Ratio Lower Upper

105 100

134 19.1 0.0 38.4





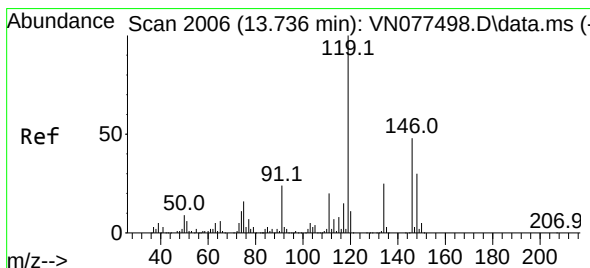
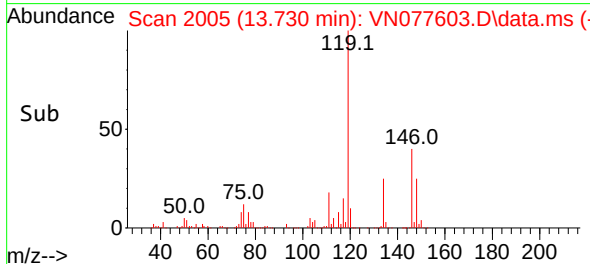
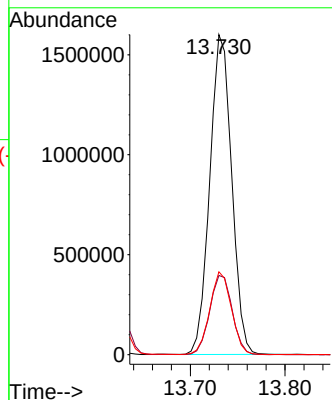
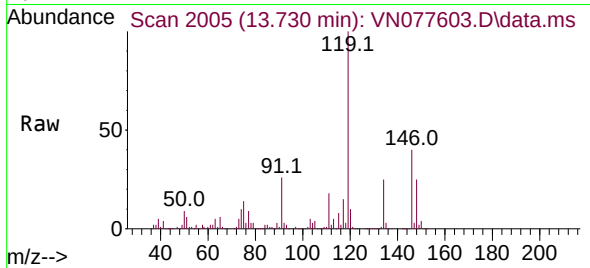
#82
p-Isopropyltoluene
Concen: 70.622 ug/l
RT: 13.730 min Scan# 2005
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:119 Resp: 256662
Ion Ratio Lower Upper
119 100
134 25.5 0.0 52.4
91 25.6 0.0 50.6

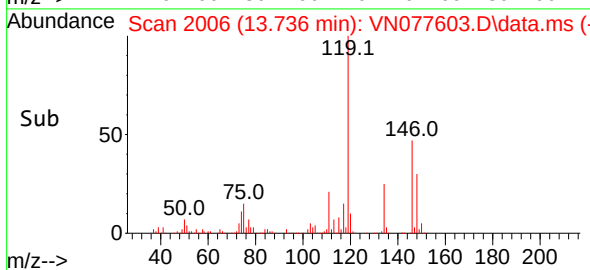
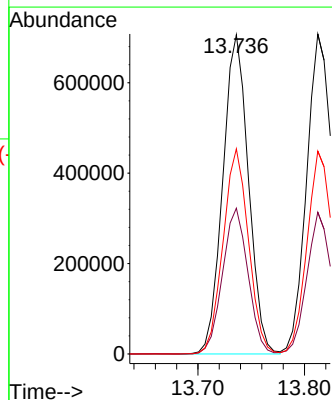
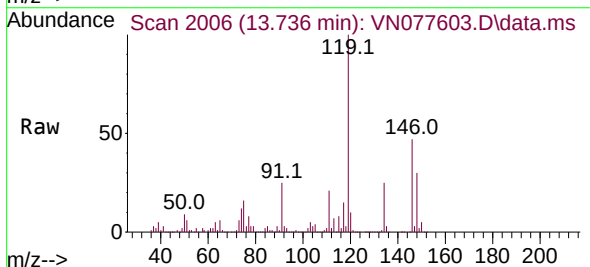
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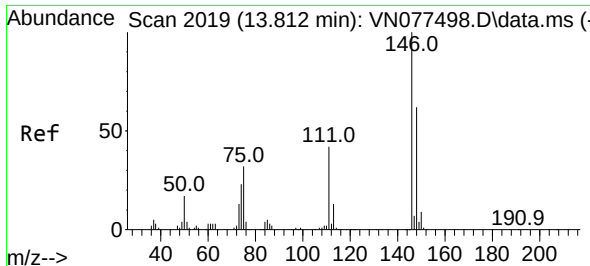
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#83
1,3-Dichlorobenzene
Concen: 67.311 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

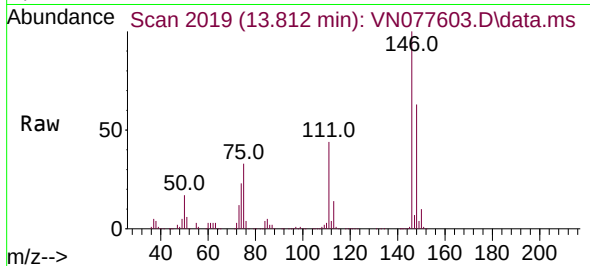
Tgt Ion:146 Resp: 1181385
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.5
148 63.6 31.8 95.4





#84
1,4-Dichlorobenzene
Concen: 68.819 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. 0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

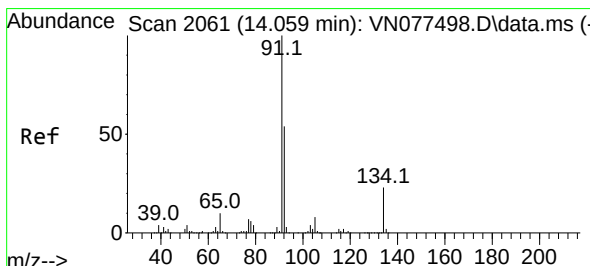
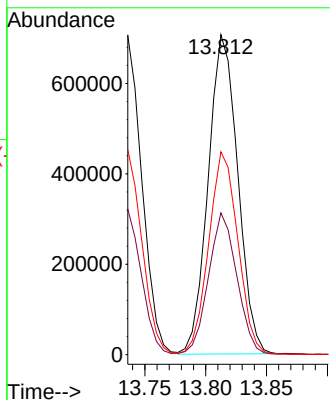
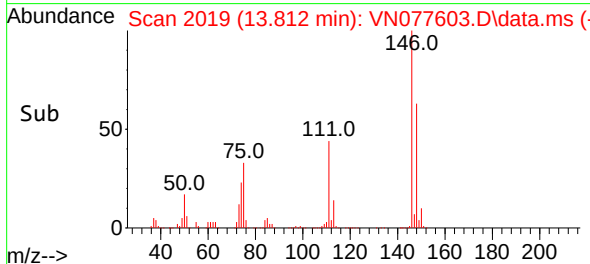
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



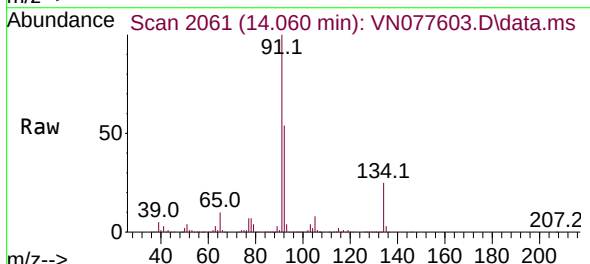
Tgt Ion:146 Resp: 1193464
Ion Ratio Lower Upper
146 100
111 42.5 20.9 62.7
148 63.0 31.6 94.7

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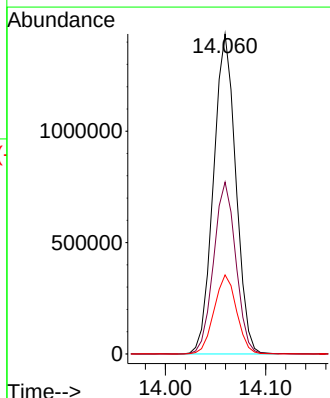
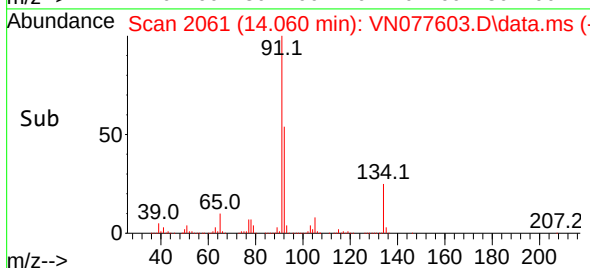
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

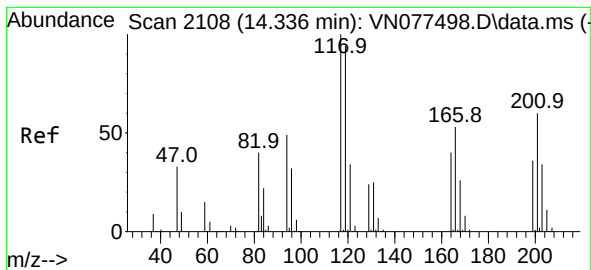


#85
n-Butylbenzene
Concen: 79.141 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. 0.001 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



Tgt Ion: 91 Resp: 2222659
Ion Ratio Lower Upper
91 100
92 53.4 0.0 108.4
134 24.8 0.0 50.0





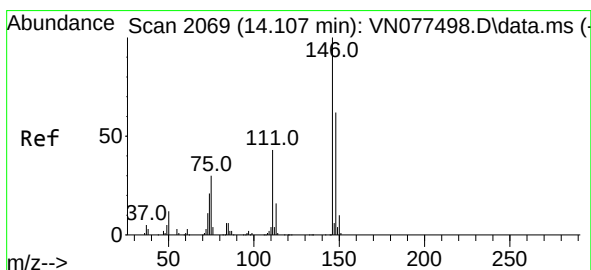
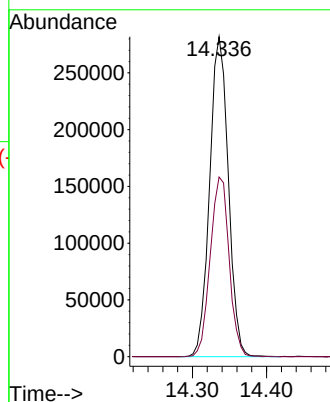
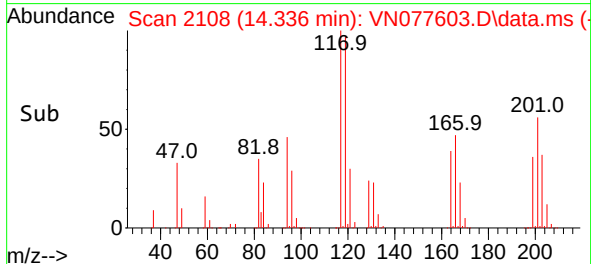
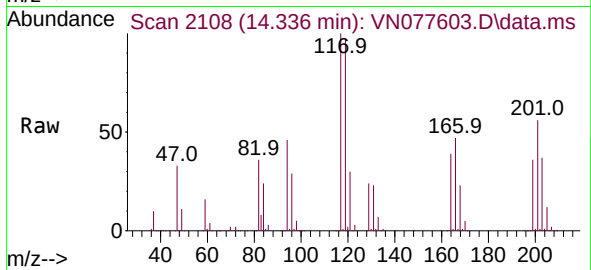
#86
Hexachloroethane
Concen: 67.004 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:117 Resp: 49330
Ion Ratio Lower Upper
117 100
201 56.8 27.4 82.2

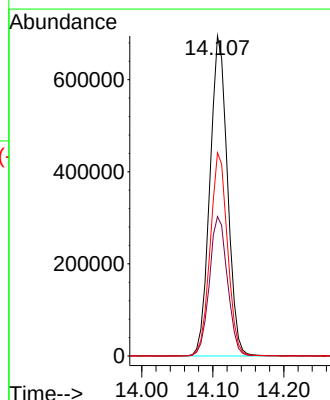
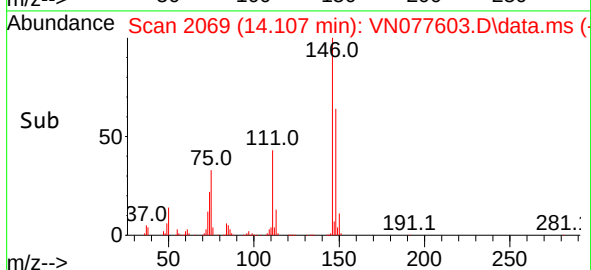
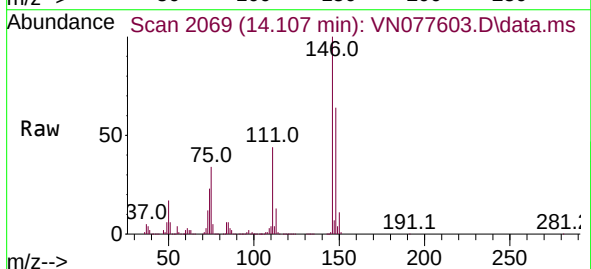
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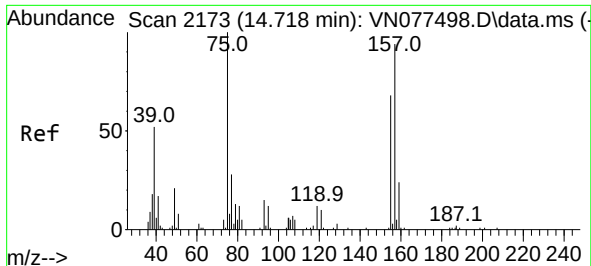
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023



#87
1,2-Dichlorobenzene
Concen: 66.757 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

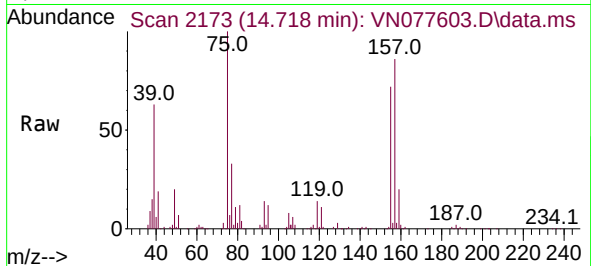
Tgt Ion:146 Resp: 1192057
Ion Ratio Lower Upper
146 100
111 44.5 22.3 66.9
148 62.7 32.4 97.2





#88
 1,2-Dibromo-3-Chloropropane
 Concen: 71.411 ug/l
 RT: 14.718 min Scan# 2173
 Delta R.T. 0.000 min
 Lab File: VN077603.D
 Acq: 05 May 2023 20:30

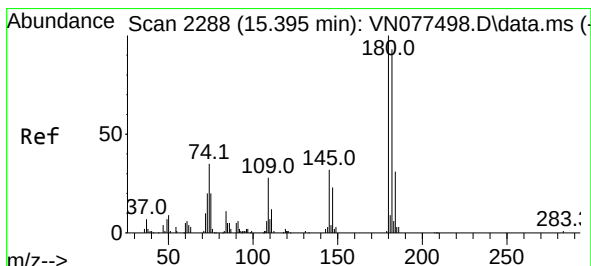
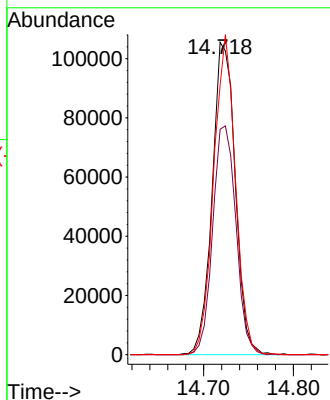
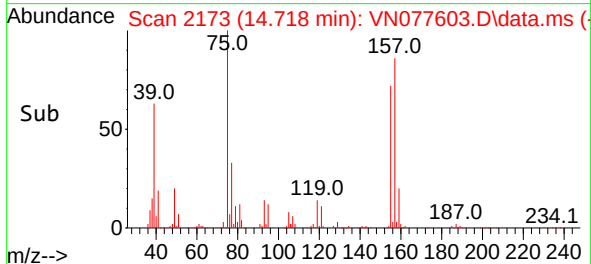
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



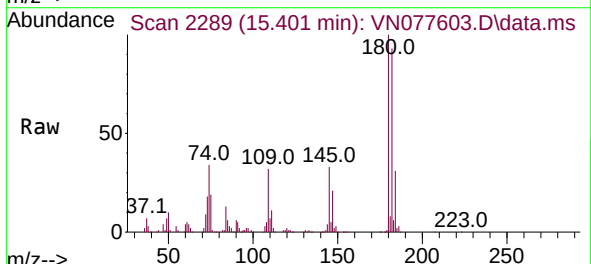
Tgt Ion: 75 Resp: 18759
 Ion Ratio Lower Upper
 75 100
 155 73.9 63.0 94.4
 157 96.8 79.5 119.3

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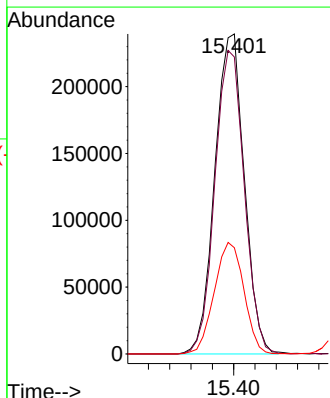
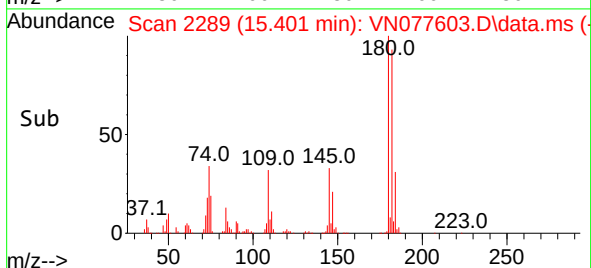
Reviewed By :John Carlone 05/08/2023
 Supervised By :Mahesh Dadoda 05/08/2023

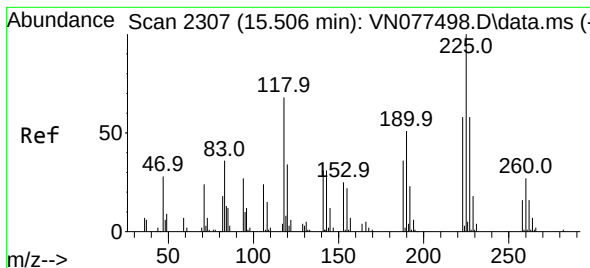


#89
 1,2,4-Trichlorobenzene
 Concen: 98.123 ug/l
 RT: 15.401 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: VN077603.D
 Acq: 05 May 2023 20:30



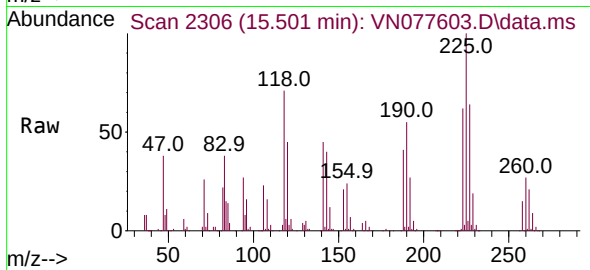
Tgt Ion:180 Resp: 459872
 Ion Ratio Lower Upper
 180 100
 182 94.4 78.7 118.1
 145 35.0 28.8 43.2





#90
Hexachlorobutadiene
Concen: 64.381 ug/l
RT: 15.501 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30

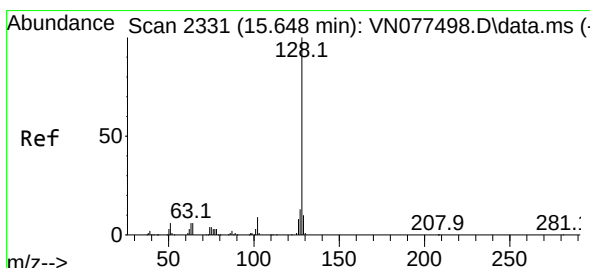
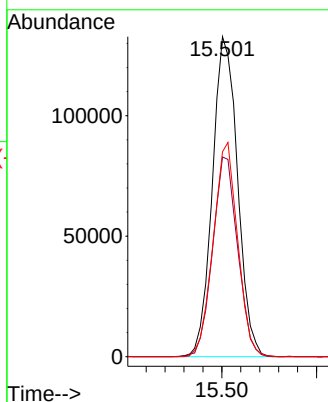
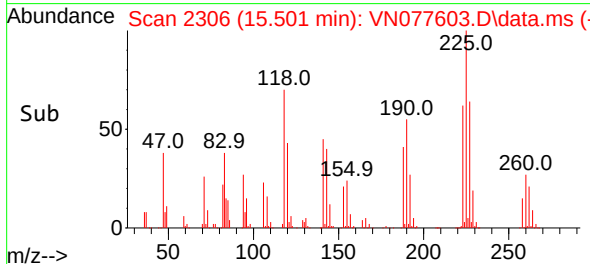
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



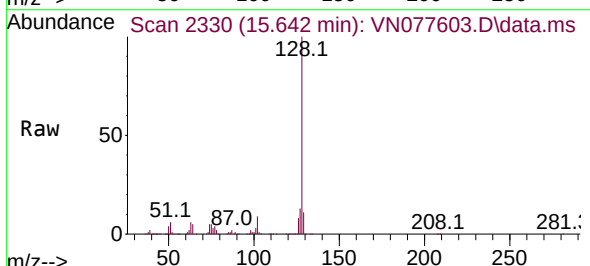
Tgt Ion:225 Resp: 245390
Ion Ratio Lower Upper
225 100
223 62.0 0.0 124.2
227 64.9 0.0 119.2

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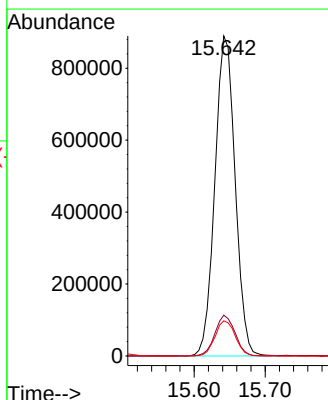
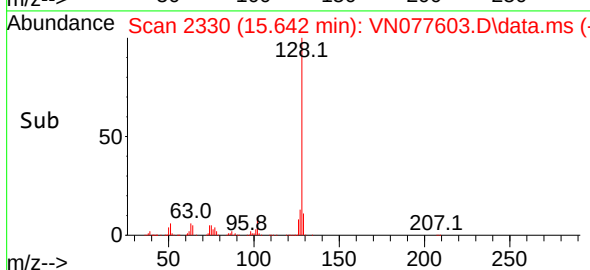
Reviewed By :John Carlone 05/08/2023
Supervised By :Mahesh Dadoda 05/08/2023

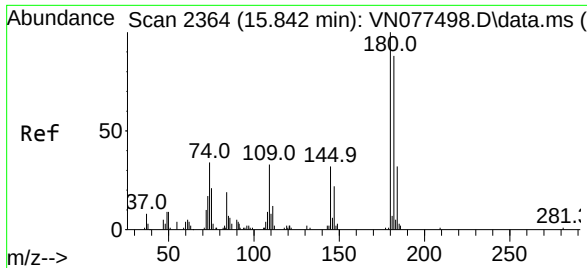


#91
Naphthalene
Concen: 102.759 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN077603.D
Acq: 05 May 2023 20:30



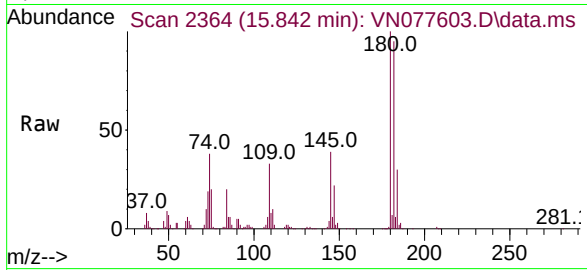
Tgt Ion:128 Resp: 1758122
Ion Ratio Lower Upper
128 100
127 12.6 10.4 15.6
129 11.0 8.7 13.1





#92
 1,2,3-Trichlorobenzene
 Concen: 96.066 ug/l
 RT: 15.842 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN077603.D
 Acq: 05 May 2023 20:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion:180	Resp:	421239
Ion Ratio	Lower	Upper
180	100	
182	95.3	0.0 198.0
145	37.4	0.0 80.2

Manual Integrations
 APPROVED

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

