

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077616.D
 Acq On : 08 May 2023 14:44
 Operator : JC\MD
 Sample : VN0508WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01

Manual Integrations
 APPROVED

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

Quant Time: May 09 06:01:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.825	128	110801	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	608193	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	553879	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	244225	30.650	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	102.167%		
60) 4-Bromofluorobenzene	12.854	95	255703	29.034	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.767%		
63) Toluene-d8	10.571	98	765670	29.930	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	99.767%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	126184	17.346	ug/l	95
3) Chloromethane	2.372	50	104161	18.840	ug/l	97
4) Vinyl Chloride	2.525	62	140588	16.526	ug/l	97
5) Bromomethane	2.966	94	123168	21.721	ug/l	96
6) Chloroethane	3.125	64	102905	18.516	ug/l	99
7) Trichlorofluoromethane	3.501	101	185408	16.026	ug/l	94
8) Diethyl Ether	3.972	74	78782	21.605	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.384	101	108937	17.444	ug/l	96
10) 1,1-Dichloroethene	4.348	96	106434	18.030	ug/l	90
11) Methyl Iodide	4.601	142	175860	19.153	ug/l	93
12) Methyl Acetate	5.025	43	153109m	21.455	ug/l	
13) Acrolein	4.190	56	90484	103.513	ug/l	97
14) Acrylonitrile	5.725	53	240364	110.729	ug/l	99
15) Acetone	4.437	58	66376	100.749	ug/l	100
16) Carbon Disulfide	4.719	76	242489	17.100	ug/l	98
17) Allyl chloride	5.031	41	107285	17.507	ug/l	86
18) Methylene Chloride	5.289	84	138933	19.364	ug/l	95
19) trans-1,2-Dichloroethene	5.795	96	117924	17.756	ug/l	95
20) Diisopropyl ether	6.678	45	295215	19.808	ug/l #	92
21) 1,1-Dichloroethane	6.572	63	210615	19.265	ug/l	95
22) cis-1,2-Dichloroethene	7.495	96	159548	19.937	ug/l	89
23) tert-Butyl Alcohol	5.536	59	97162	114.258	ug/l #	100
24) Methyl tert-Butyl Ether	5.807	73	411563	20.596	ug/l	97
25) Chloroform	7.972	83	256825	19.709	ug/l	95
26) Cyclohexane	8.260	56	152704	17.015	ug/l #	91
29) 1,1-Dichloropropene	8.377	75	160765	18.362	ug/l	96
30) 2-Butanone	7.489	43	279473	119.751	ug/l	91
31) 2,2-Dichloropropane	7.495	77	188384	18.468	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	215736	19.039	ug/l	96
33) Carbon Tetrachloride	8.366	117	182555	19.051	ug/l	96
34) Benzene	8.613	78	538050	20.352	ug/l	96
35) Methacrylonitrile	7.783	41	63044	23.799	ug/l	87
36) 1,2-Dichloroethane	8.677	62	200413	22.738	ug/l	100
37) Trichloroethene	9.354	130	130334	19.071	ug/l	97
38) Methylcyclohexane	9.601	83	208693	18.512	ug/l	95
39) 1,2-Dichloropropane	9.624	63	130772	21.365	ug/l	91
40) Dibromomethane	9.713	93	103758	21.502	ug/l	93
41) Bromodichloromethane	9.895	83	203218	20.914	ug/l #	94
42) Vinyl Acetate	6.613	43	933770m	107.863	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077616.D
 Acq On : 08 May 2023 14:44
 Operator : JC\MD
 Sample : VN0508WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01

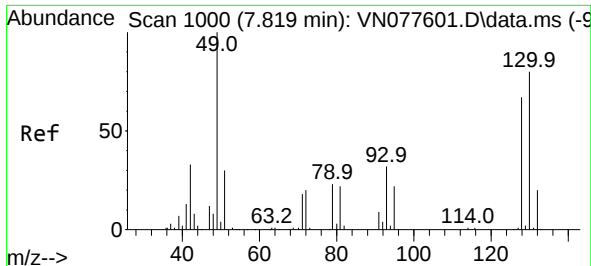
Manual Integrations
 APPROVED

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

Quant Time: May 09 06:01:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

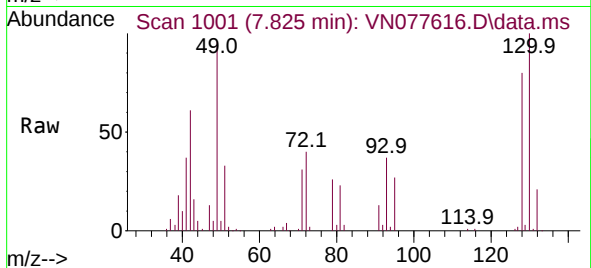
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	114462m	22.821	ug/l	
44) Isopropyl Acetate	8.695	43	212831	23.176	ug/l	93
45) 1,4-Dioxane	9.695	88	57274	501.727	ug/l	93
46) Methyl methacrylate	9.683	41	92565	22.444	ug/l	89
47) n-amyl Acetate	12.495	43	172595	21.822	ug/l	95
48) t-1,3-Dichloropropene	10.836	75	207869	21.220	ug/l	94
49) cis-1,3-Dichloropropene	10.313	75	228397	21.272	ug/l	94
50) 1,1,2-Trichloroethane	11.013	97	148817	21.415	ug/l	91
51) Ethyl methacrylate	10.877	69	201154	22.423	ug/l	96
52) 1,3-Dichloropropane	11.166	76	245104	21.814	ug/l	98
53) Dibromochloromethane	11.360	129	151310	20.928	ug/l	98
54) 1,2-Dibromoethane	11.471	107	152477	22.089	ug/l	98
55) 2-Chloroethyl vinyl ether	10.166	63	457439	112.763	ug/l	97
56) Bromoform	12.583	173	93982	22.091	ug/l	99
58) 4-Methyl-2-Pentanone	10.448	43	602873	118.196	ug/l #	94
59) 2-Hexanone	11.201	43	428153	116.284	ug/l	94
61) Tetrachloroethene	11.107	164	103021	19.229	ug/l	91
62) Toluene	10.636	91	613400	20.003	ug/l	99
64) Chlorobenzene	11.895	112	378851	20.089	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.960	131	140173	20.604	ug/l	93
66) Ethyl Benzene	11.965	91	653319	19.228	ug/l	100
67) m/p-Xylenes	12.077	106	524617	39.244	ug/l	95
68) o-Xylene	12.401	106	261310	19.835	ug/l	96
69) Styrene	12.413	104	422050	20.035	ug/l	99
70) Isopropylbenzene	12.701	105	650309	19.004	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.942	83	202148	22.029	ug/l	96
72) 1,2,3-Trichloropropane	12.995	75	172804m	22.632	ug/l	
73) Bromobenzene	12.983	156	145923	20.394	ug/l	93
74) n-propylbenzene	13.036	91	725887	18.972	ug/l	100
75) 2-Chlorotoluene	13.130	91	453029	19.578	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	529246	19.571	ug/l	99
77) t-1,4-Dichloro-2-butene	12.742	75	55735	20.954	ug/l	93
78) 4-Chlorotoluene	13.224	91	435349	19.268	ug/l	99
79) tert-butylbenzene	13.442	119	466376	19.256	ug/l	96
80) 1,2,4-Trimethylbenzene	13.489	105	493934	18.820	ug/l	97
81) sec-Butylbenzene	13.618	105	645705	18.994	ug/l	100
82) p-Isopropyltoluene	13.736	119	512058	18.931	ug/l	99
83) 1,3-Dichlorobenzene	13.736	146	255534	19.232	ug/l	98
84) 1,4-Dichlorobenzene	13.818	146	246831	18.977	ug/l	99
85) n-Butylbenzene	14.059	91	392133	17.622	ug/l	99
86) Hexachloroethane	14.336	117	93559	18.560	ug/l	92
87) 1,2-Dichlorobenzene	14.107	146	256524	19.890	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.724	75	36137	21.670	ug/l	95
89) 1,2,4-Trichlorobenzene	15.401	180	76255	17.161	ug/l	98
90) Hexachlorobutadiene	15.501	225	51614	20.599	ug/l	94
91) Naphthalene	15.648	128	276941	18.245	ug/l	99
92) 1,2,3-Trichlorobenzene	15.842	180	71300	17.423	ug/l	97

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.825 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

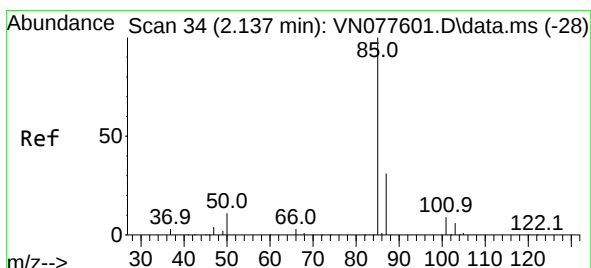
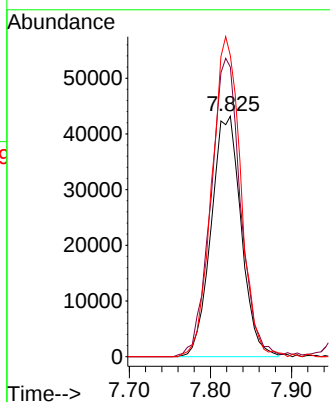
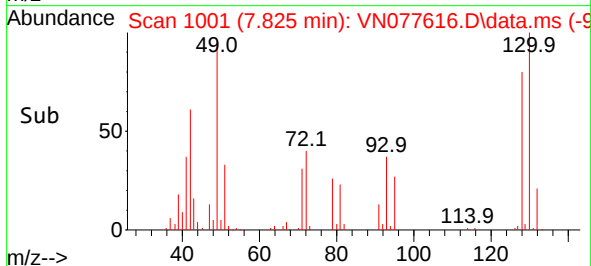
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



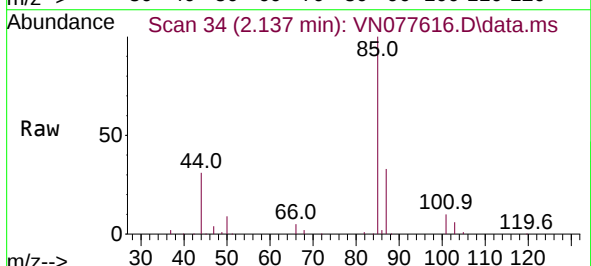
Tgt Ion:128 Resp: 11080
Ion Ratio Lower Upper
128 100
49 123.0 0.0 369.8
130 127.0 0.0 317.8

Manual Integrations
APPROVED

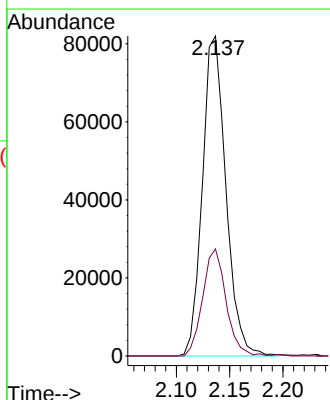
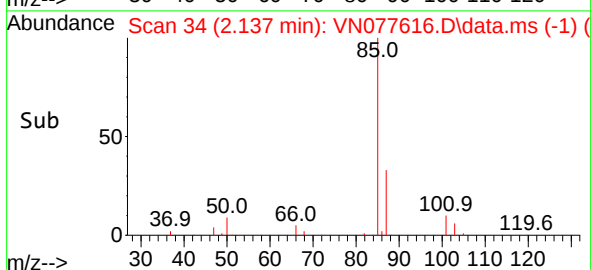
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

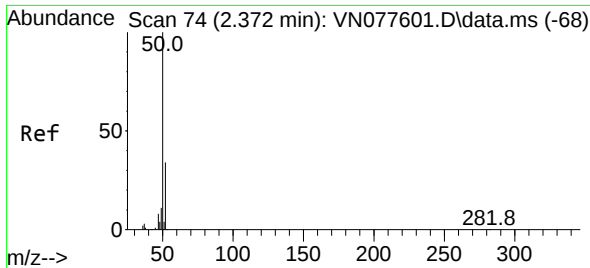


#2
Dichlorodifluoromethane
Concen: 17.346 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



Tgt Ion: 85 Resp: 126184
Ion Ratio Lower Upper
85 100
87 33.5 15.3 45.9





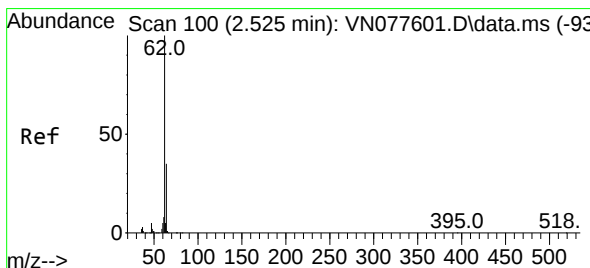
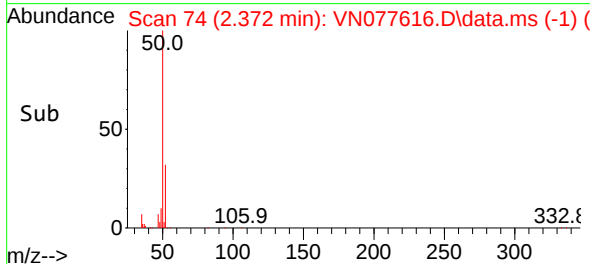
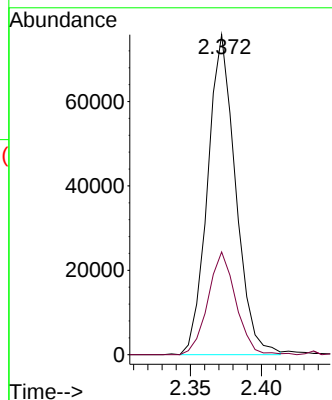
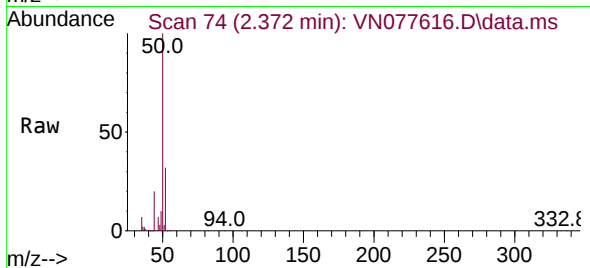
#3
Chloromethane
Concen: 18.840 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion: 50 Resp: 10416
Ion Ratio Lower Upper
50 100
52 32.1 27.3 40.9

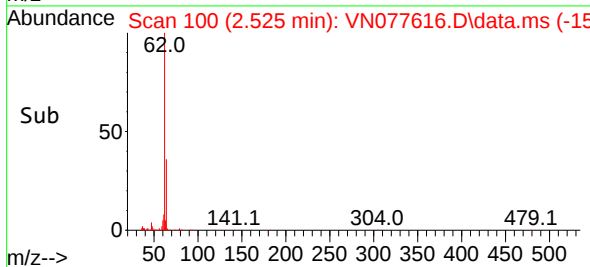
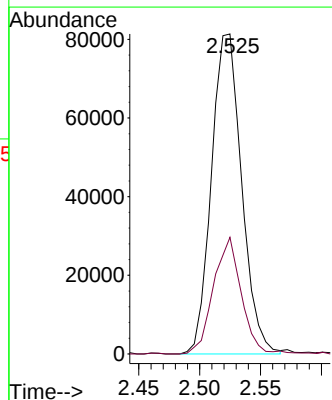
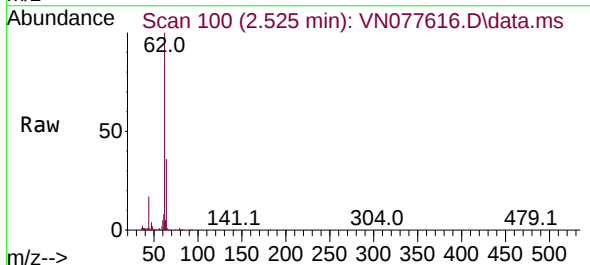
Manual Integrations
APPROVED

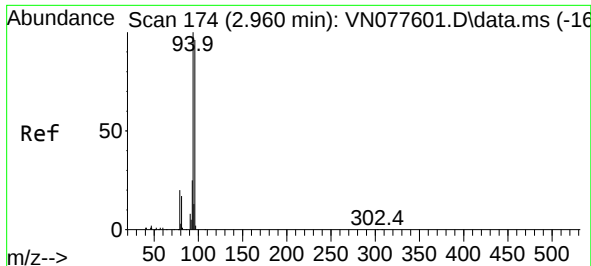
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#4
Vinyl Chloride
Concen: 16.526 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

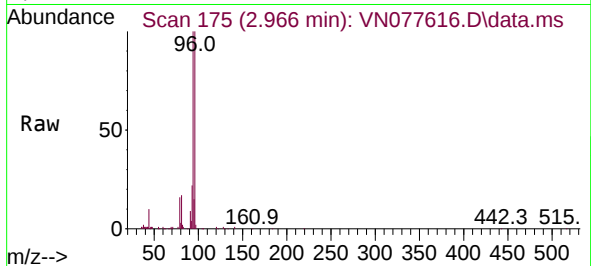
Tgt Ion: 62 Resp: 140588
Ion Ratio Lower Upper
62 100
64 36.4 27.8 41.6





#5
Bromomethane
Concen: 21.721 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

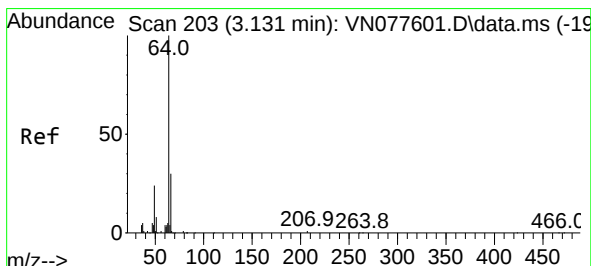
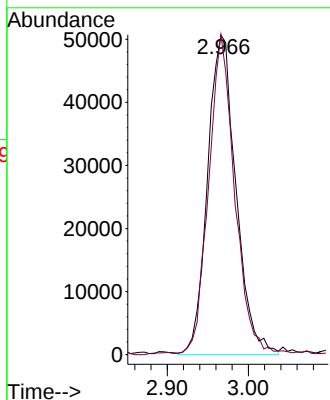
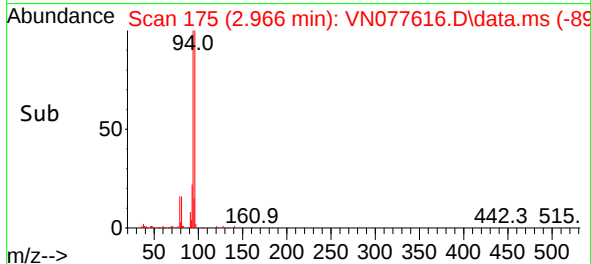
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



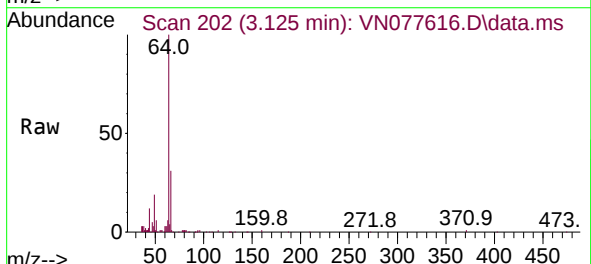
Tgt Ion: 94 Resp: 12316
Ion Ratio Lower Upper
94 100
96 100.1 76.7 115.1

Manual Integrations
APPROVED

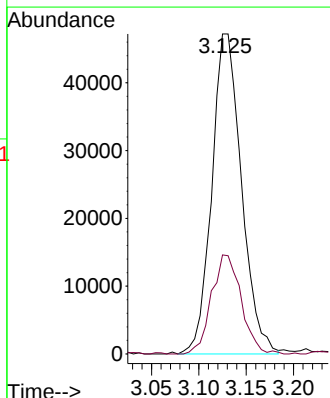
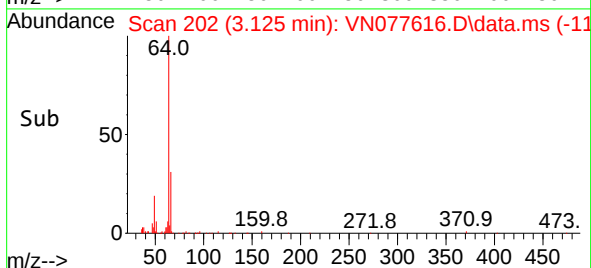
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

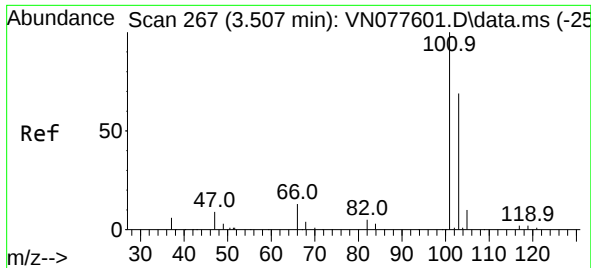


#6
Chloroethane
Concen: 18.516 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



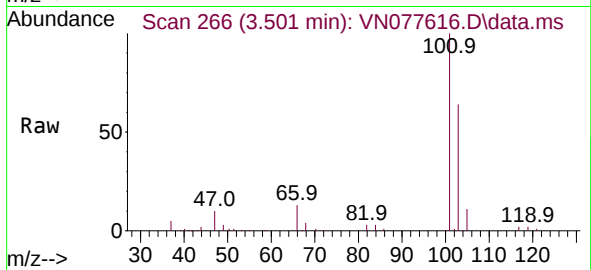
Tgt Ion: 64 Resp: 102905
Ion Ratio Lower Upper
64 100
66 31.0 24.2 36.4





#7
Trichlorofluoromethane
Concen: 16.026 ug/l
RT: 3.501 min Scan# 266
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

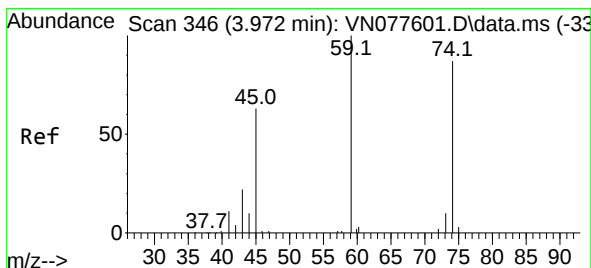
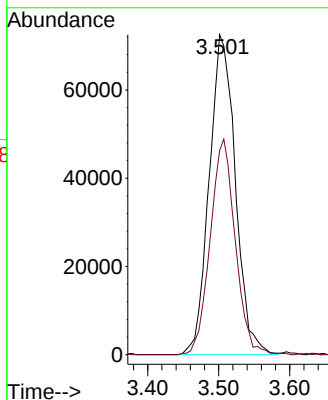
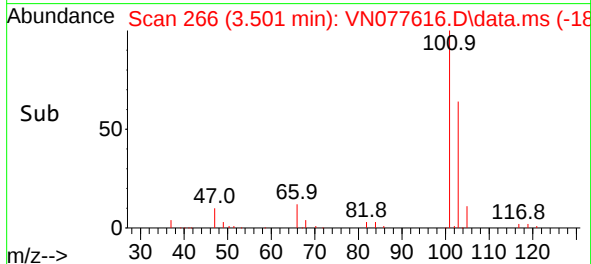
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



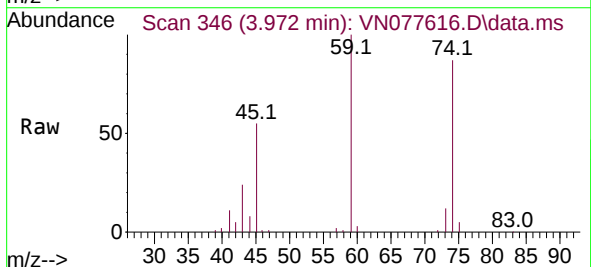
Tgt Ion:101 Resp: 185408
Ion Ratio Lower Upper
101 100
103 63.8 55.0 82.4

Manual Integrations
APPROVED

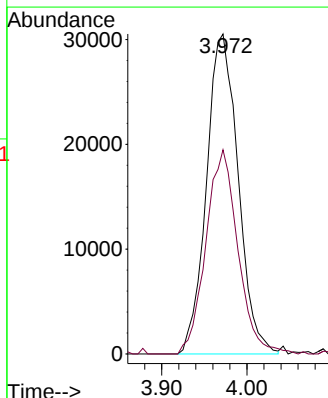
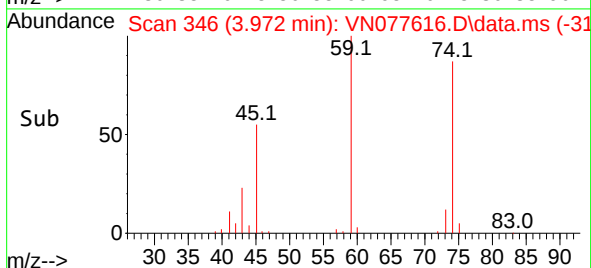
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

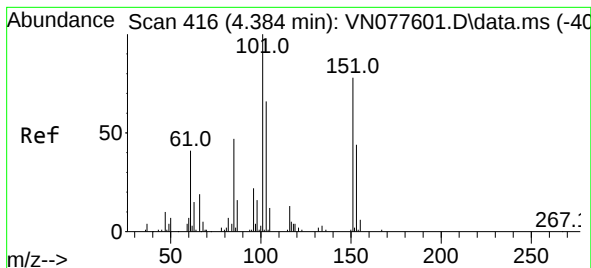


#8
Diethyl Ether
Concen: 21.605 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



Tgt Ion: 74 Resp: 78782
Ion Ratio Lower Upper
74 100
45 64.4 14.8 133.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 17.444 ug/l

RT: 4.384 min Scan# 416

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

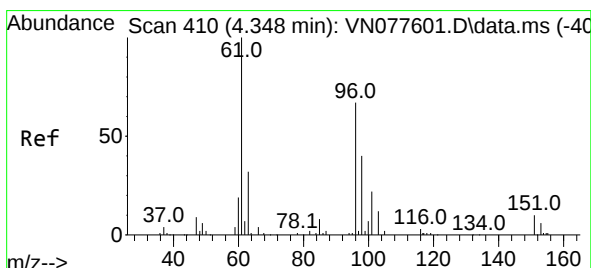
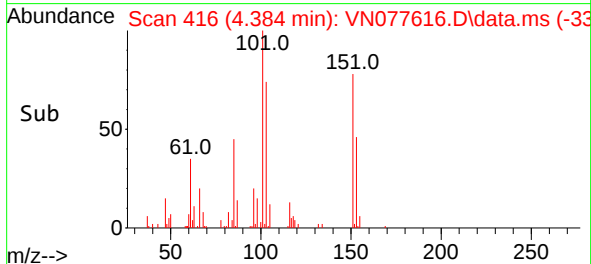
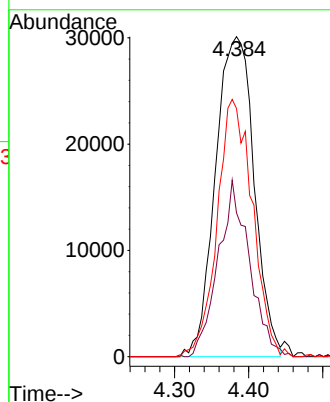
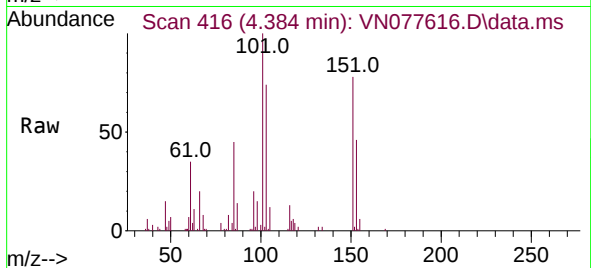
Tgt Ion:	101	Resp:	10893
Ion Ratio	Lower	Upper	
101	100		
85	44.8	0.0	92.6
151	73.2	0.0	137.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#10

1,1-Dichloroethene

Concen: 18.030 ug/l

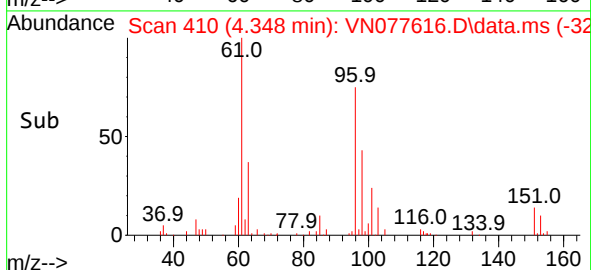
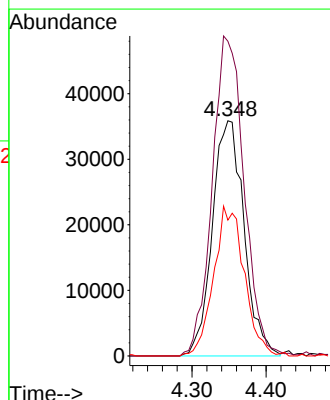
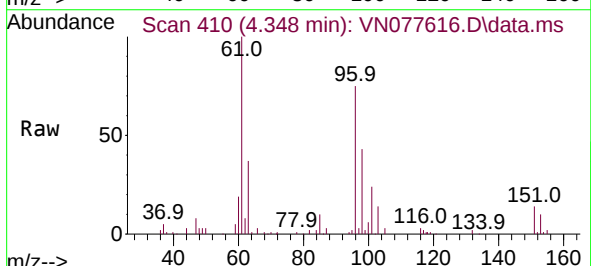
RT: 4.348 min Scan# 410

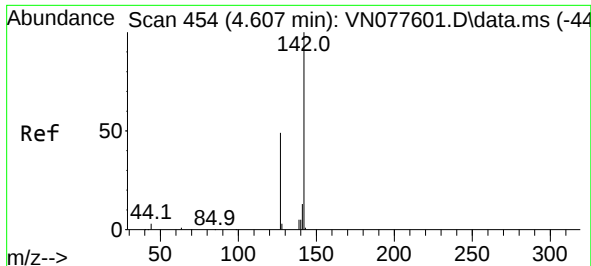
Delta R.T. 0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Tgt Ion:	96	Resp:	106434
Ion Ratio	Lower	Upper	
96	100		
61	133.8	120.1	180.1
98	57.7	48.3	72.5





#11

Methyl Iodide

Concen: 19.153 ug/l

RT: 4.601 min Scan# 454

Delta R.T. -0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion:142 Resp: 175860

Ion Ratio Lower Upper

142 100

127 43.8 24.6 73.6

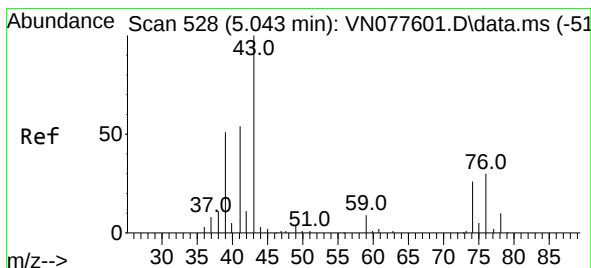
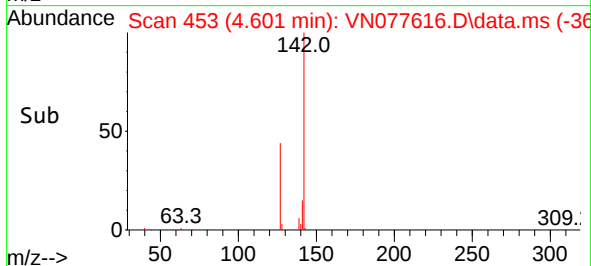
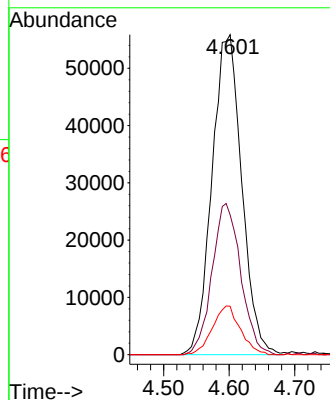
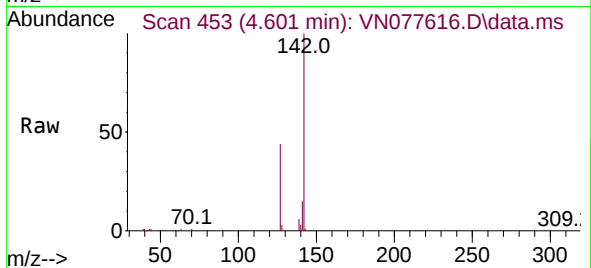
141 15.2 6.4 19.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#12

Methyl Acetate

Concen: 21.455 ug/l m

RT: 5.025 min Scan# 525

Delta R.T. -0.018 min

Lab File: VN077616.D

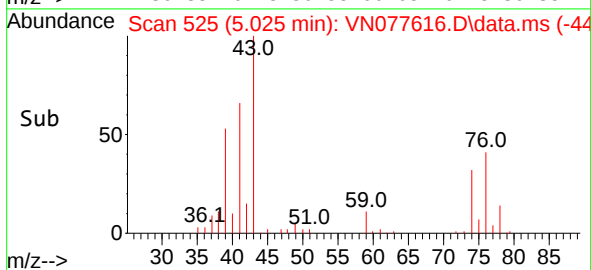
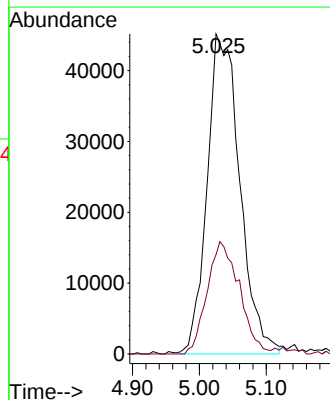
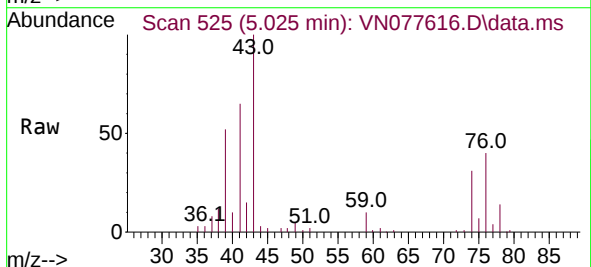
Acq: 08 May 2023 14:44

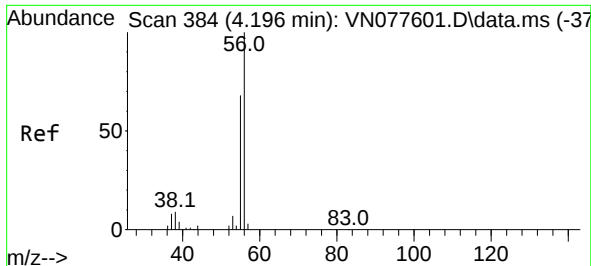
Tgt Ion: 43 Resp: 153109

Ion Ratio Lower Upper

43 100

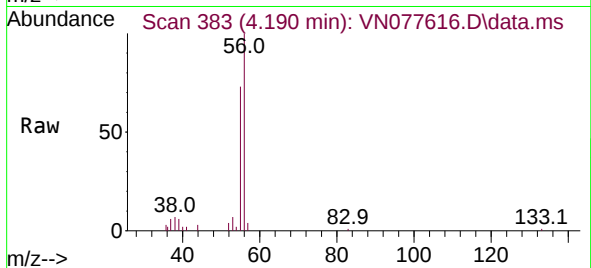
74 31.1 20.6 31.0#





#13
Acrolein
Concen: 103.513 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

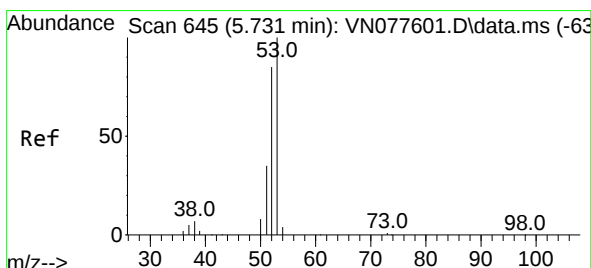
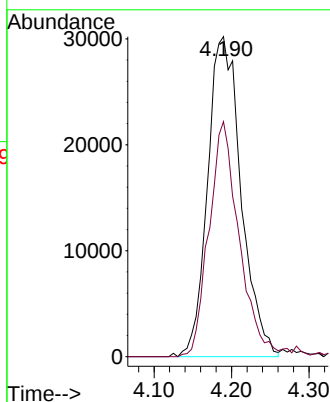
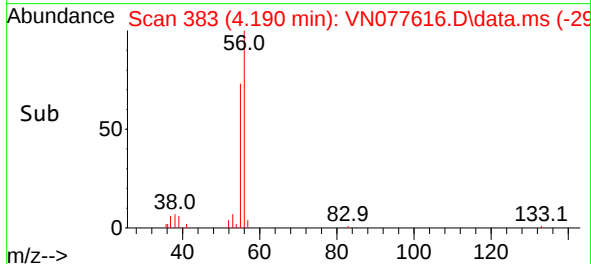
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



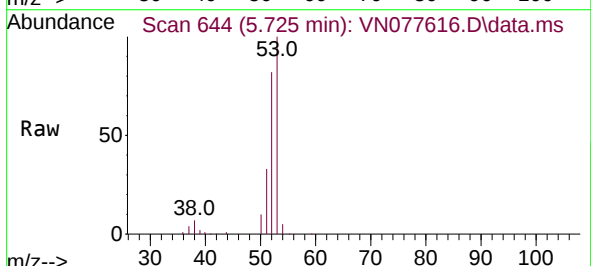
Tgt Ion: 56 Resp: 90484
Ion Ratio Lower Upper
56 100
55 66.0 54.8 82.2

Manual Integrations
APPROVED

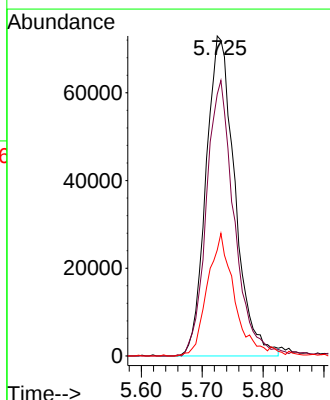
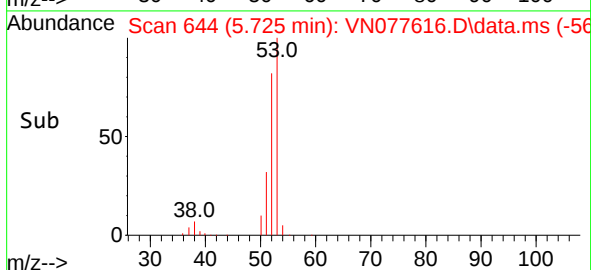
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

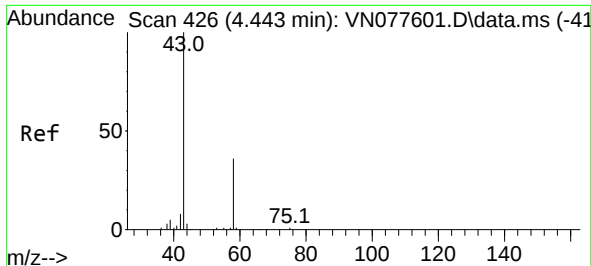


#14
Acrylonitrile
Concen: 110.729 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



Tgt Ion: 53 Resp: 240364
Ion Ratio Lower Upper
53 100
52 82.3 41.6 124.8
51 35.5 17.6 52.9





#15

Acetone

Concen: 100.749 ug/l

RT: 4.437 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion: 58 Resp: 66370

Ion Ratio Lower Upper

58 100

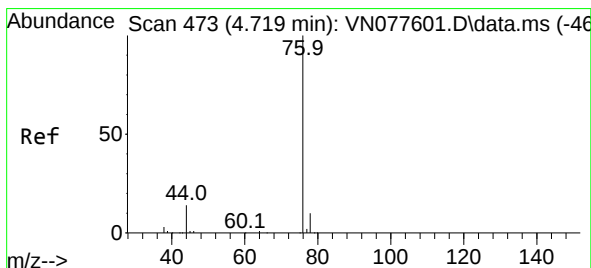
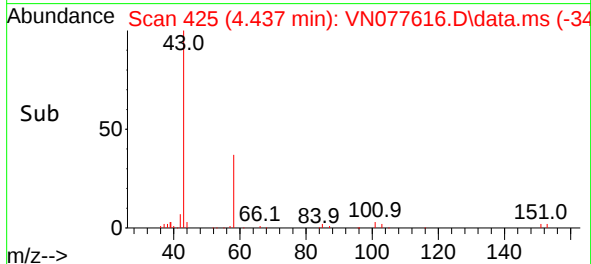
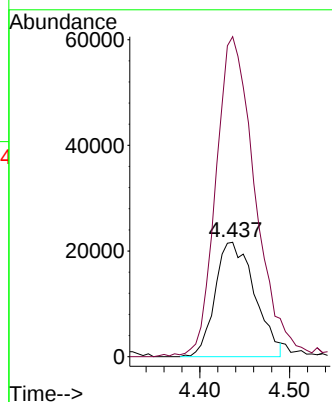
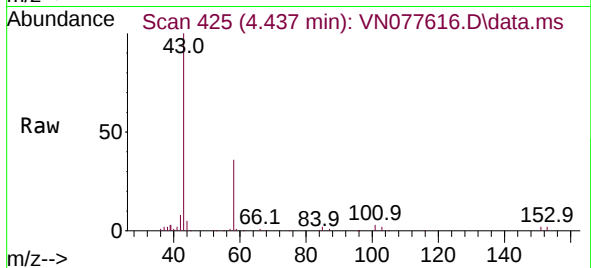
43 278.2 223.2 334.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#16

Carbon Disulfide

Concen: 17.100 ug/l

RT: 4.719 min Scan# 473

Delta R.T. -0.000 min

Lab File: VN077616.D

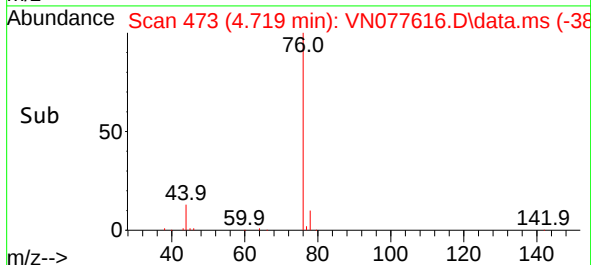
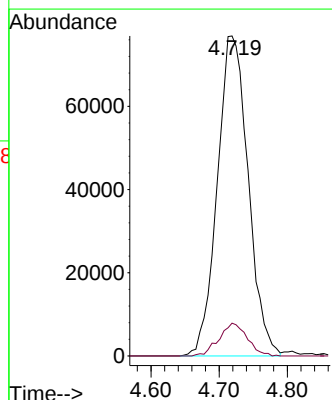
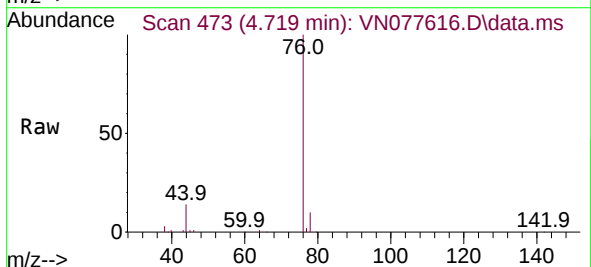
Acq: 08 May 2023 14:44

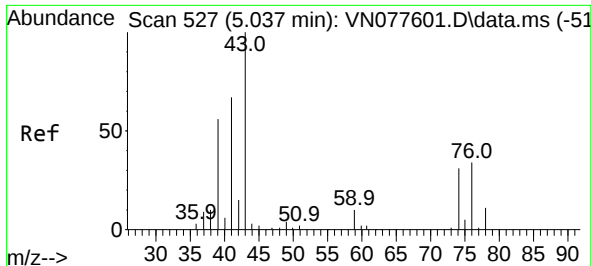
Tgt Ion: 76 Resp: 242489

Ion Ratio Lower Upper

76 100

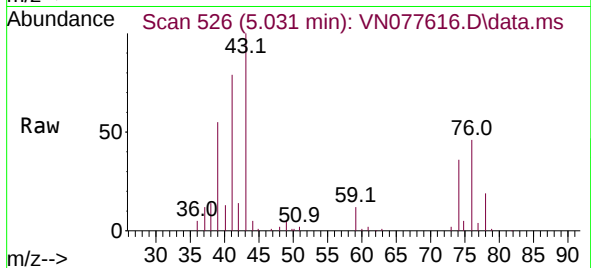
78 10.2 7.6 11.4





#17
 Allyl chloride
 Concen: 17.507 ug/l
 RT: 5.031 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

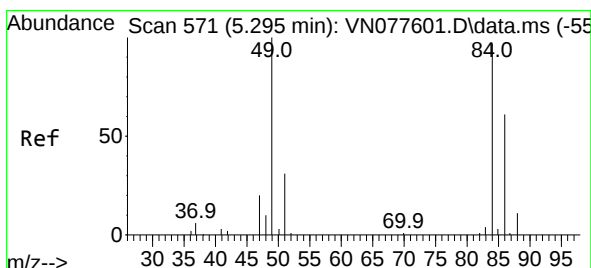
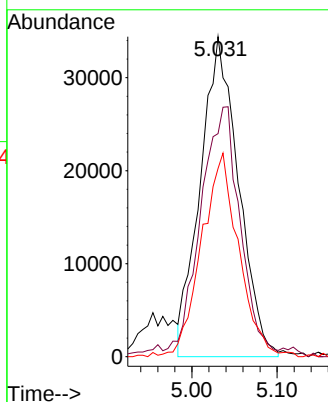
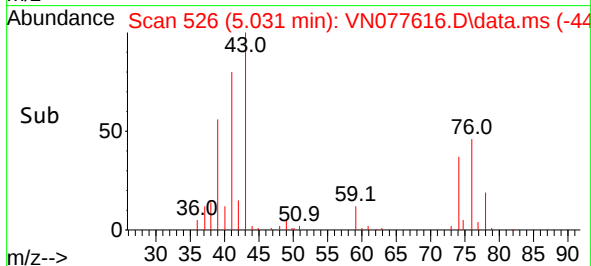
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01



Tgt Ion: 41 Resp: 107289
 Ion Ratio Lower Upper
 41 100
 39 68.7 39.5 118.3
 76 58.5 23.4 70.3

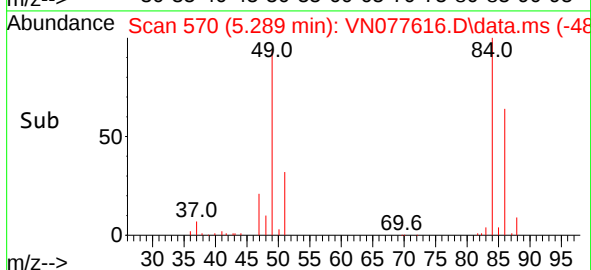
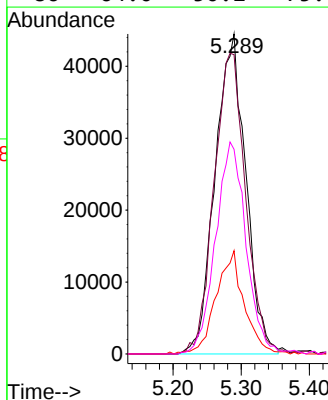
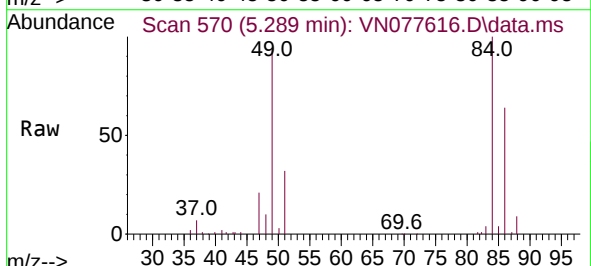
Manual Integrations
 APPROVED

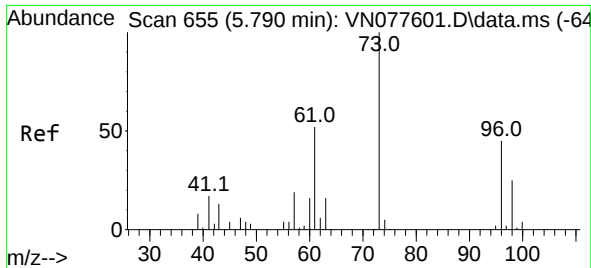
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023



#18
 Methylene Chloride
 Concen: 19.364 ug/l
 RT: 5.289 min Scan# 570
 Delta R.T. -0.006 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

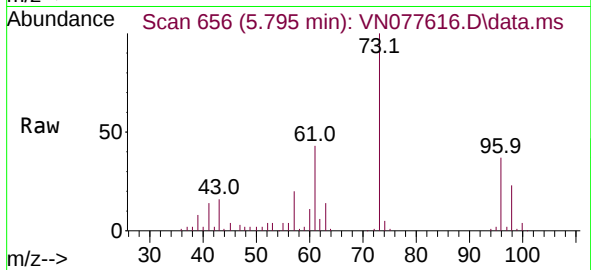
Tgt Ion: 84 Resp: 138933
 Ion Ratio Lower Upper
 84 100
 49 93.5 82.4 123.6
 51 31.7 25.1 37.7
 86 64.0 50.2 75.4





#19
trans-1,2-Dichloroethene
Concen: 17.756 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

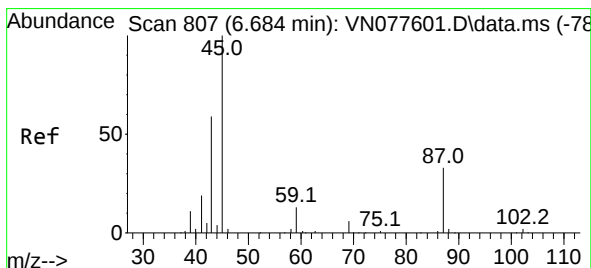
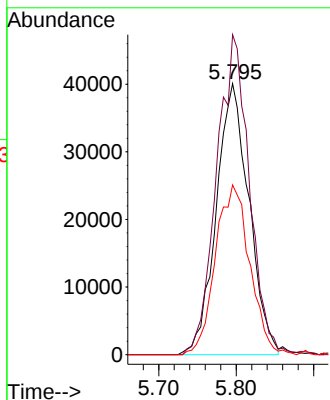
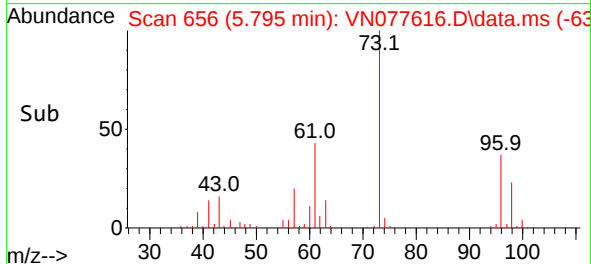
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 96 Resp: 117924
Ion Ratio Lower Upper
96 100
61 118.1 92.4 138.6
98 62.7 44.8 67.2

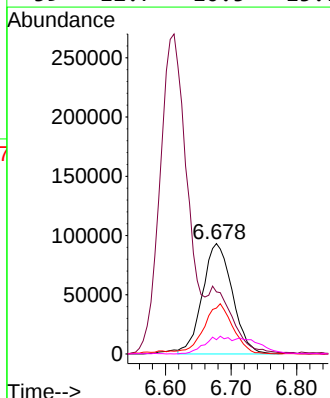
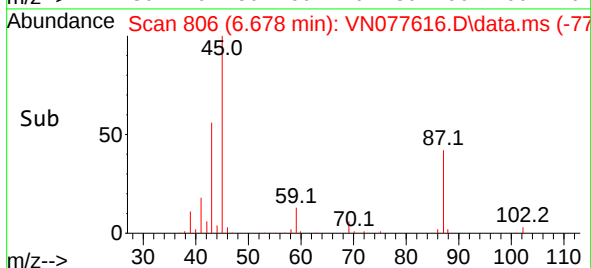
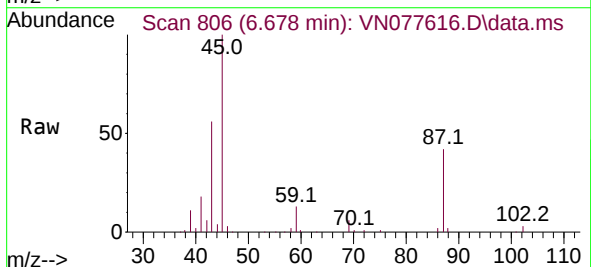
Manual Integrations
APPROVED

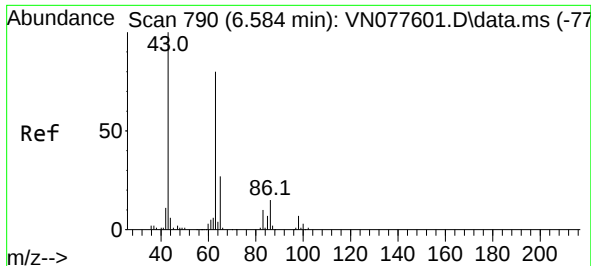
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#20
Diisopropyl ether
Concen: 19.808 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 45 Resp: 295215
Ion Ratio Lower Upper
45 100
43 55.0 47.1 70.7
87 41.4 26.2 39.2#
59 12.7 10.5 15.7





#21

1,1-Dichloroethane

Concen: 19.265 ug/l

RT: 6.572 min Scan# 790

Delta R.T. -0.012 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion: 63 Resp: 21061

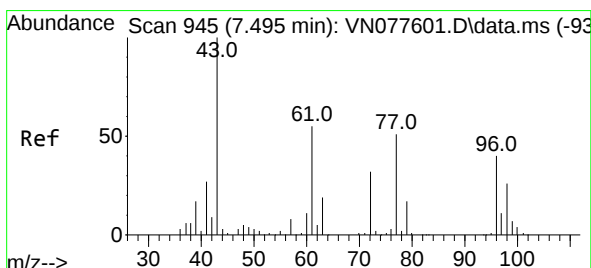
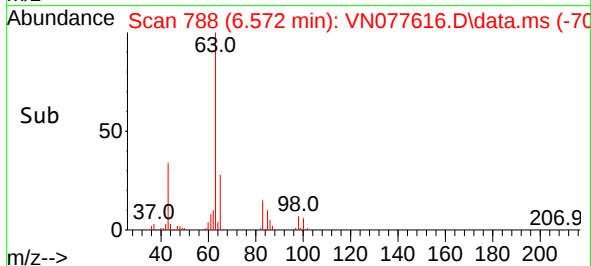
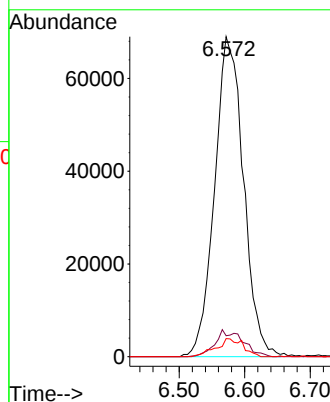
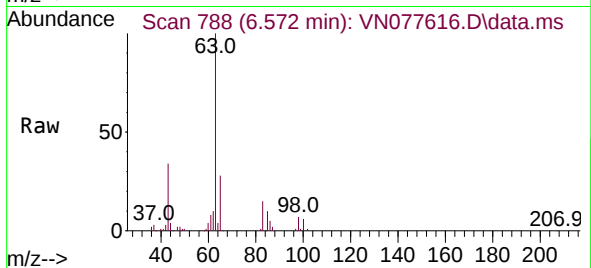
Ion	Ratio	Lower	Upper
63	100		
98	6.6	4.3	13.1
100	5.7	2.3	6.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#22

cis-1,2-Dichloroethene

Concen: 19.937 ug/l

RT: 7.495 min Scan# 945

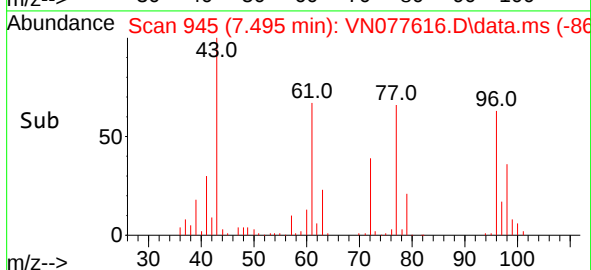
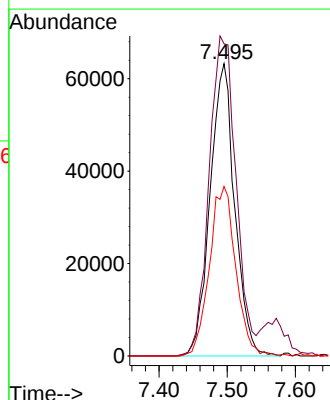
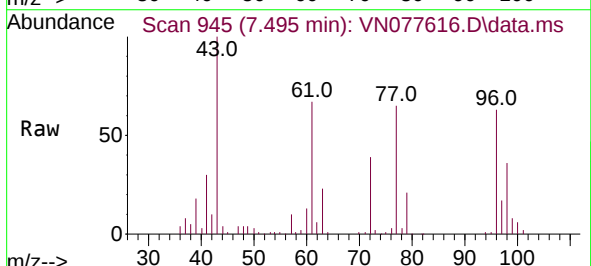
Delta R.T. 0.000 min

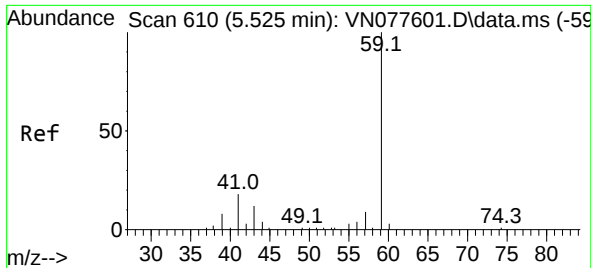
Lab File: VN077616.D

Acq: 08 May 2023 14:44

Tgt Ion: 96 Resp: 159548

Ion	Ratio	Lower	Upper
96	100		
61	119.3	109.4	164.0
98	61.7	51.2	76.8





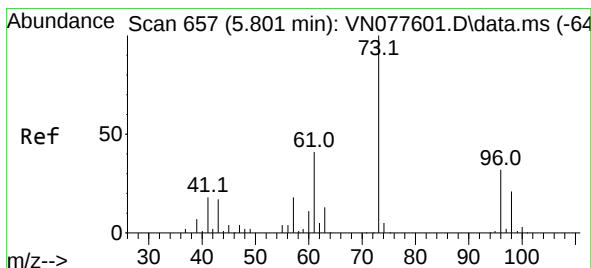
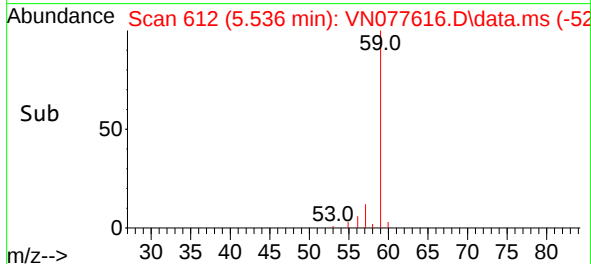
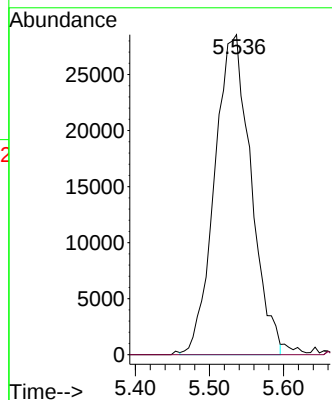
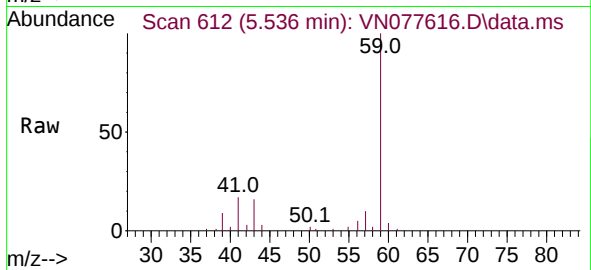
#23
tert-Butyl Alcohol
Concen: 114.258 ug/l
RT: 5.536 min Scan# 610
Delta R.T. 0.011 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion: 59 Resp: 97162
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

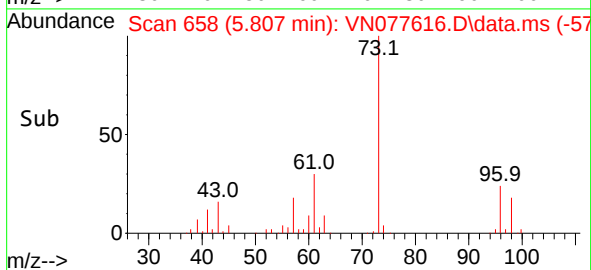
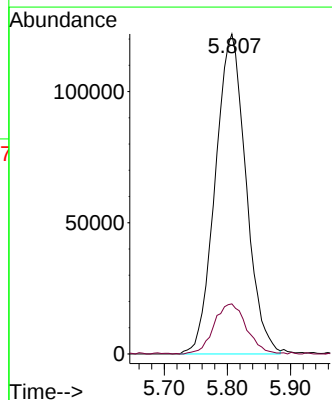
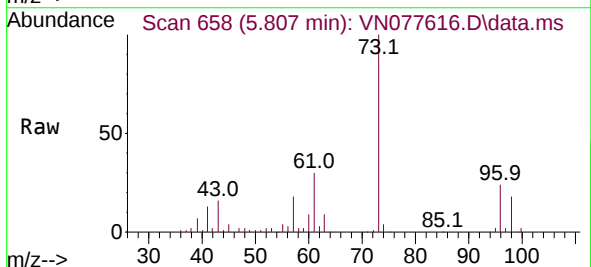
Manual Integrations
APPROVED

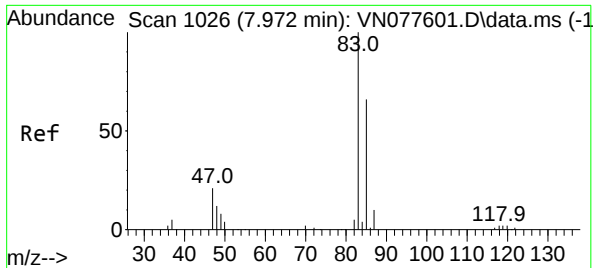
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#24
Methyl tert-Butyl Ether
Concen: 20.596 ug/l
RT: 5.807 min Scan# 658
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 73 Resp: 411563
Ion Ratio Lower Upper
73 100
43 16.6 14.3 21.5





#25

Chloroform

Concen: 19.709 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion: 83 Resp: 25682

Ion Ratio Lower Upper

83 100

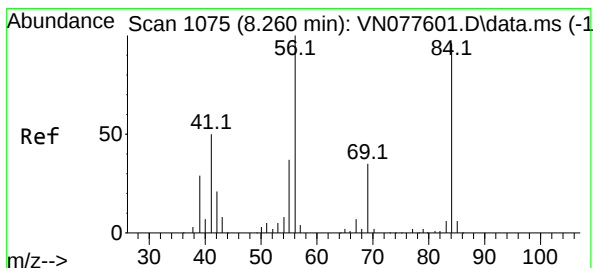
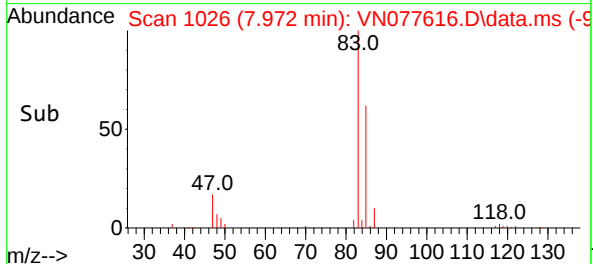
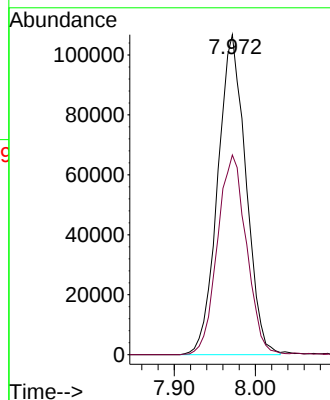
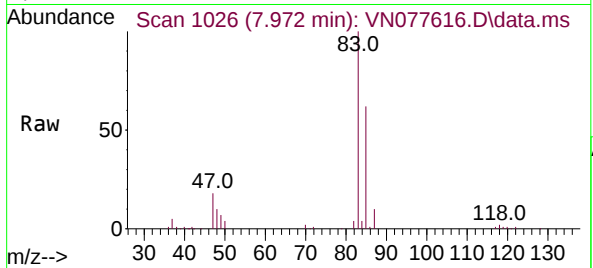
85 62.4 53.0 79.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#26

Cyclohexane

Concen: 17.015 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

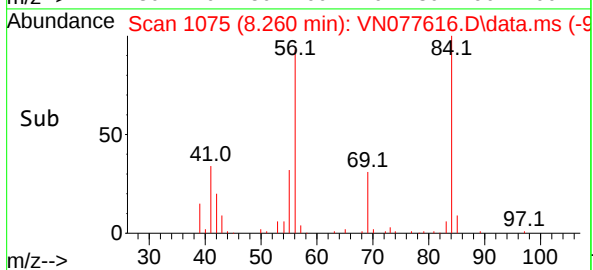
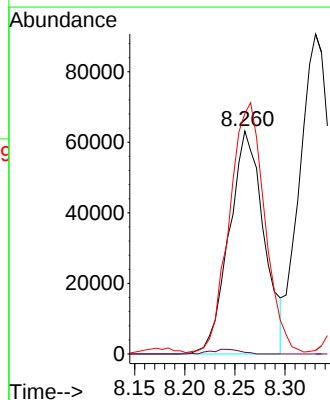
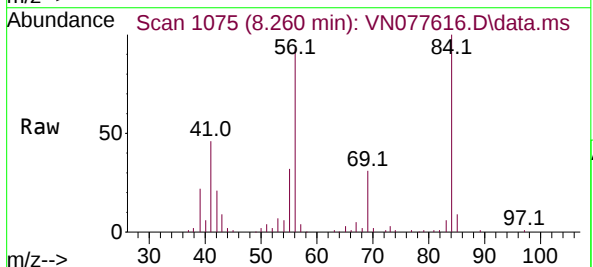
Tgt Ion: 56 Resp: 152704

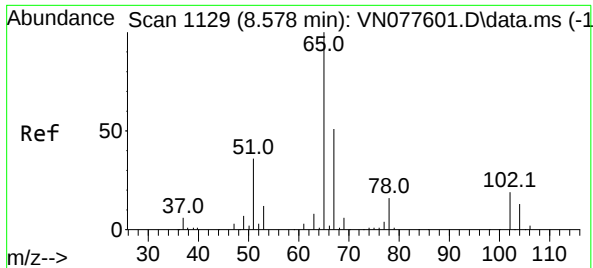
Ion Ratio Lower Upper

56 100

89 1.3 0.0 0.0#

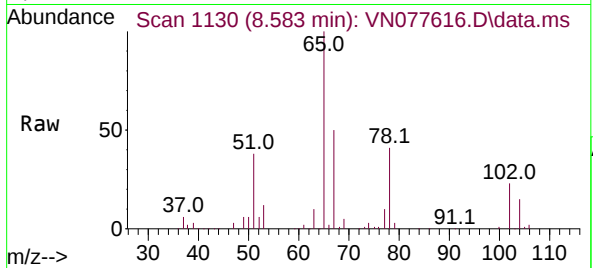
84 114.9 84.6 126.8





#27
1,2-Dichloroethane-d4
Concen: 30.650 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. 0.005 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

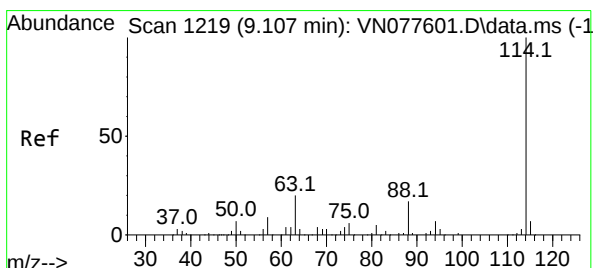
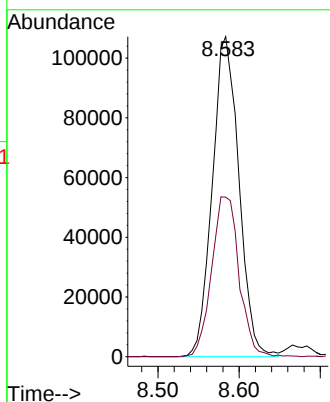
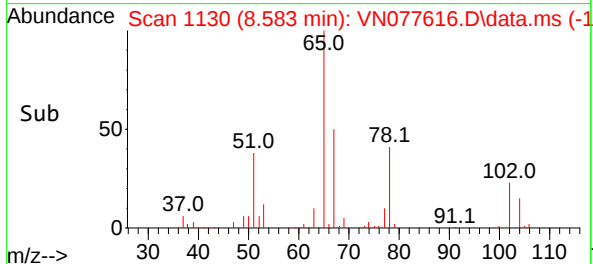
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



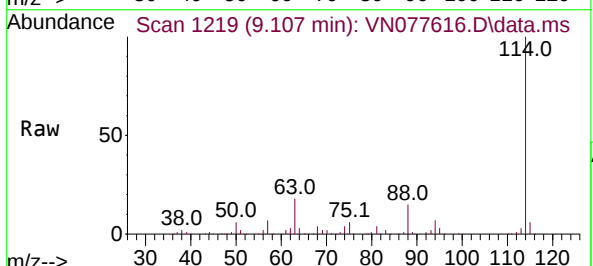
Tgt Ion: 65 Resp: 244225
Ion Ratio Lower Upper
65 100
67 51.4 41.3 61.9

Manual Integrations
APPROVED

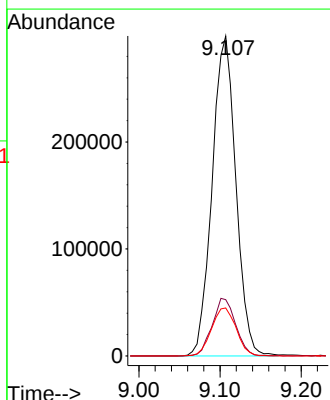
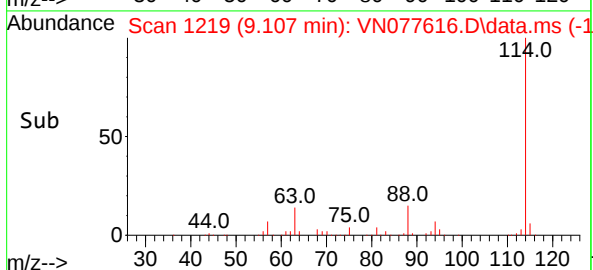
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

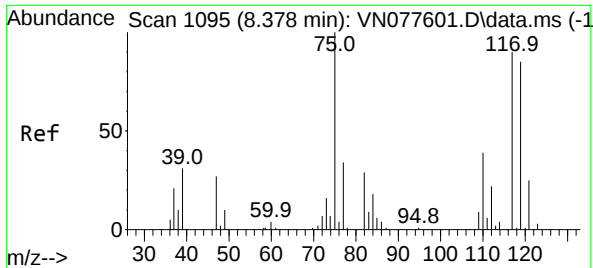


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



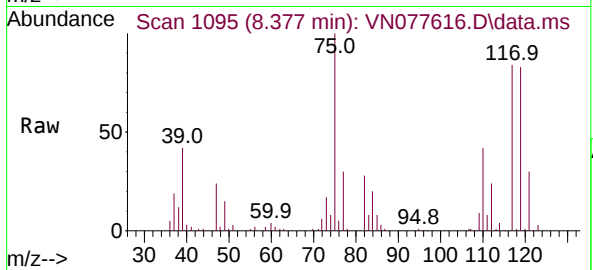
Tgt Ion:114 Resp: 608193
Ion Ratio Lower Upper
114 100
63 17.7 15.8 23.6
88 15.6 13.0 19.4





#29
1,1-Dichloropropene
Concen: 18.362 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. -0.001 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

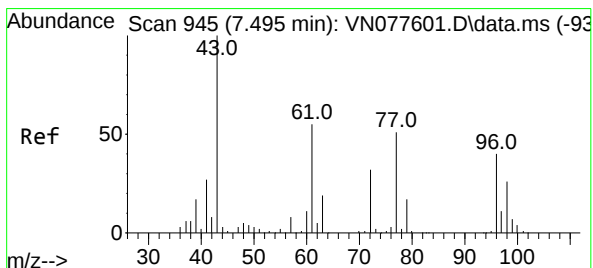
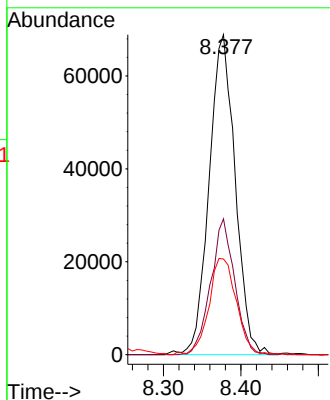
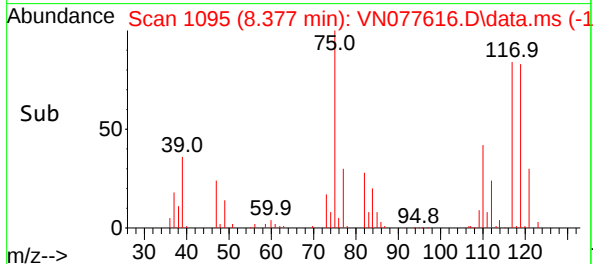
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



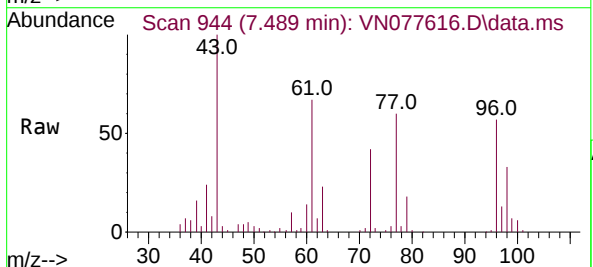
Tgt Ion: 75 Resp: 16076
Ion Ratio Lower Upper
75 100
110 39.0 0.0 69.8
77 31.2 0.0 61.4

Manual Integrations
APPROVED

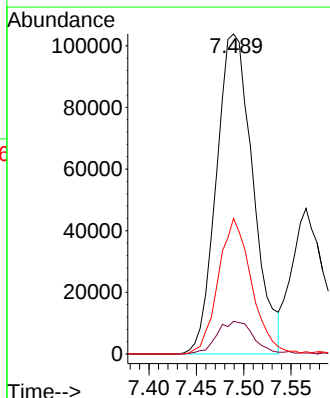
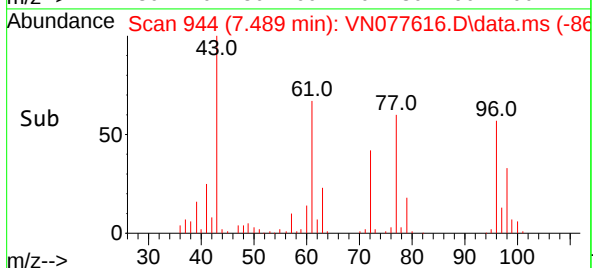
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

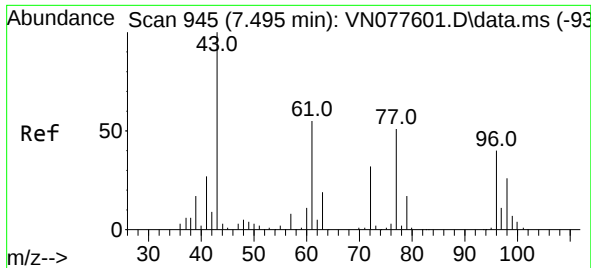


#30
2-Butanone
Concen: 119.751 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



Tgt Ion: 43 Resp: 279473
Ion Ratio Lower Upper
43 100
57 10.1 7.2 10.8
72 38.5 26.2 39.2





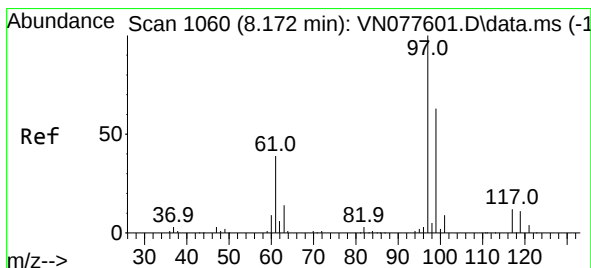
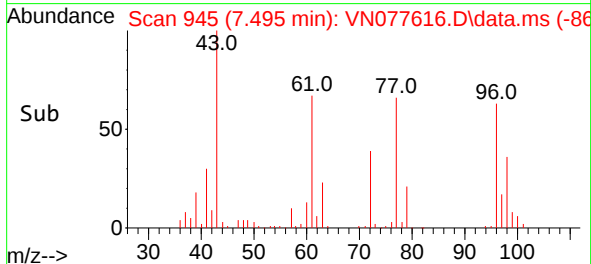
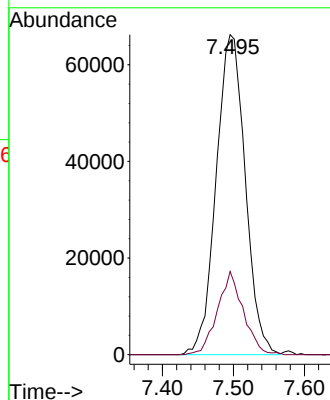
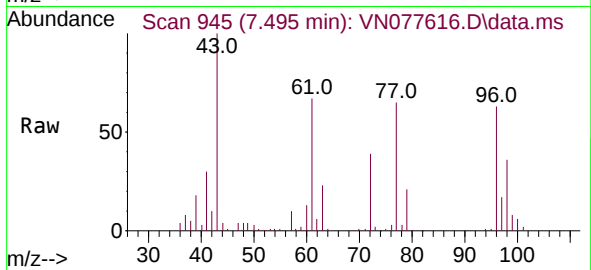
#31
2,2-Dichloropropane
Concen: 18.468 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion: 77 Resp: 188384
Ion Ratio Lower Upper
77 100
97 22.9 19.1 28.7

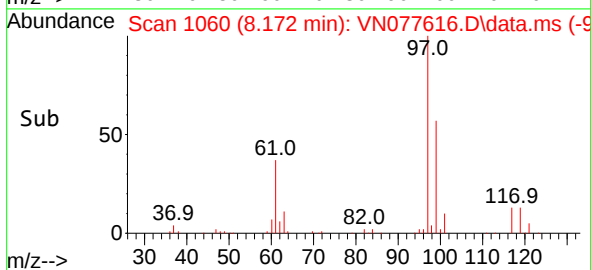
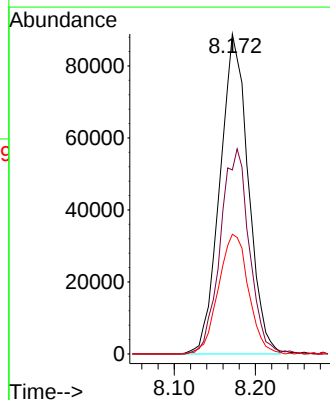
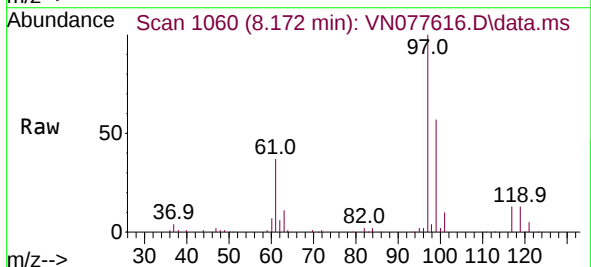
Manual Integrations
APPROVED

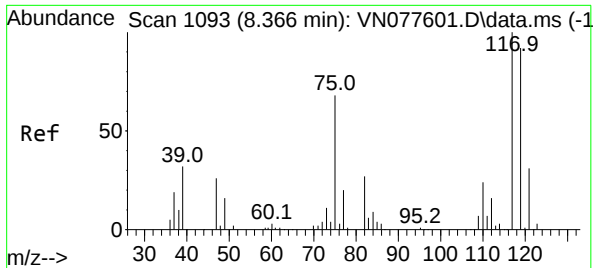
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#32
1,1,1-Trichloroethane
Concen: 19.039 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

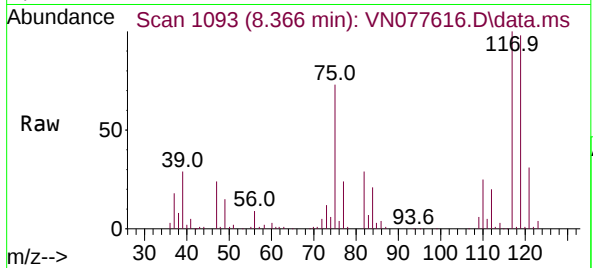
Tgt Ion: 97 Resp: 215736
Ion Ratio Lower Upper
97 100
99 65.2 53.1 79.7
61 39.7 35.1 52.7





#33
Carbon Tetrachloride
Concen: 19.051 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

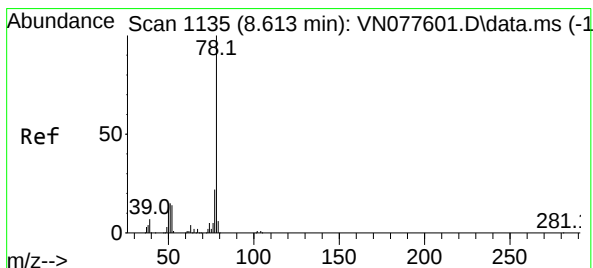
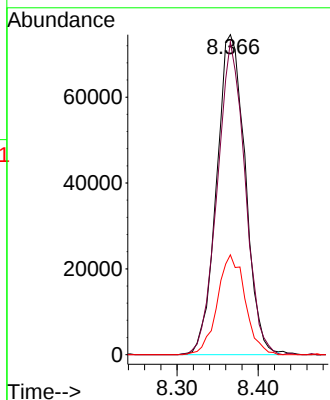
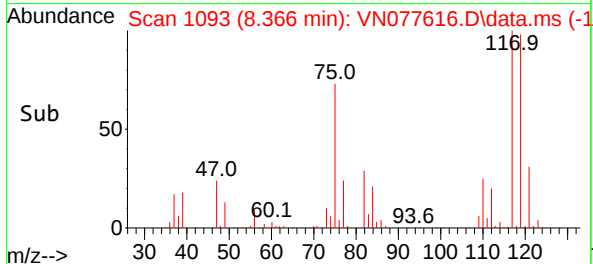
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



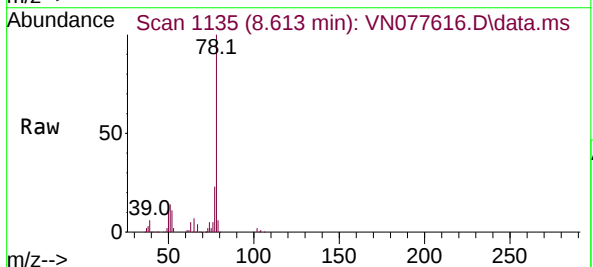
Tgt Ion:117 Resp: 18255
Ion Ratio Lower Upper
117 100
119 97.7 73.9 110.9
121 31.2 25.0 37.4

Manual Integrations
APPROVED

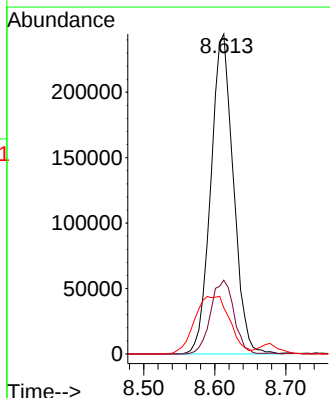
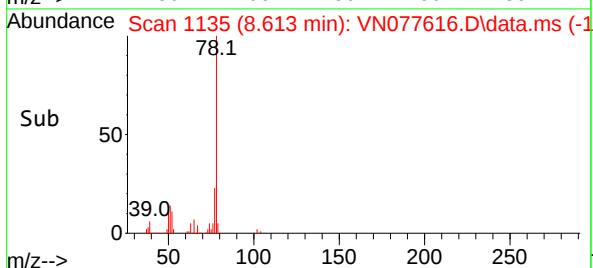
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

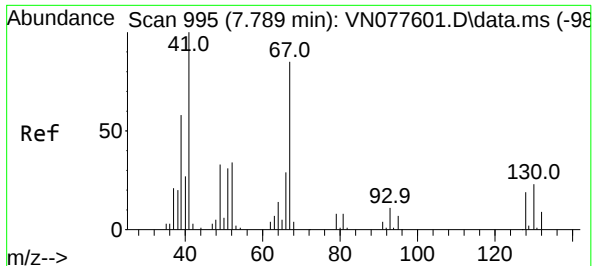


#34
Benzene
Concen: 20.352 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



Tgt Ion: 78 Resp: 538050
Ion Ratio Lower Upper
78 100
77 23.0 17.2 25.8
51 13.1 12.3 18.5





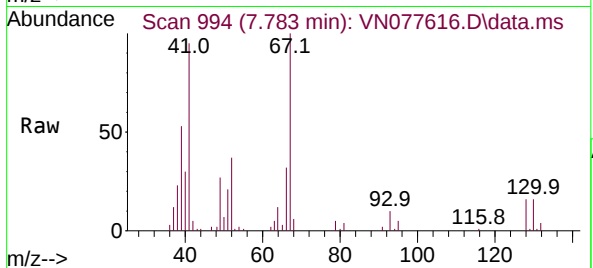
#35
Methacrylonitrile
Concen: 23.799 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01



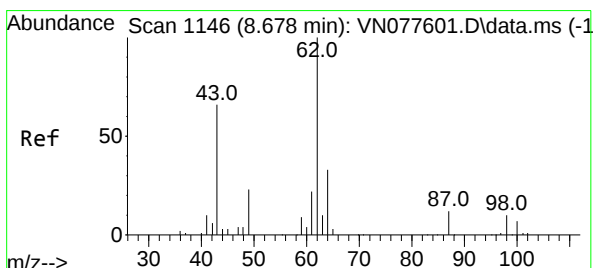
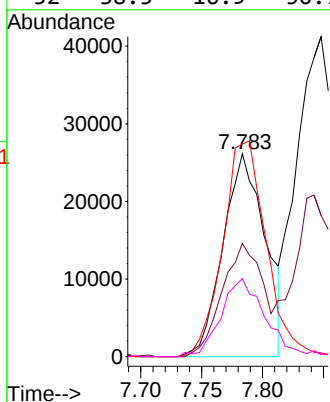
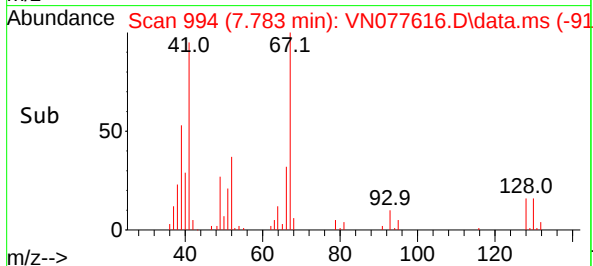
Tgt Ion: 41 Resp: 63044
Ion Ratio Lower Upper
41 100
39 55.8 28.7 86.3
67 104.8 42.7 128.1
52 38.5 16.9 50.7

Manual Integrations

APPROVED

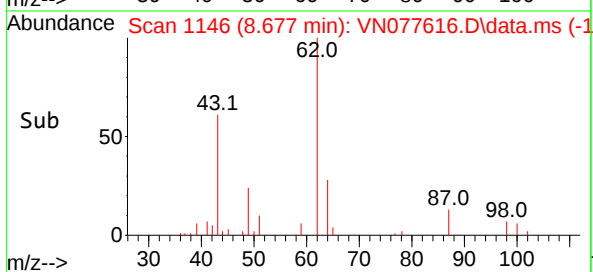
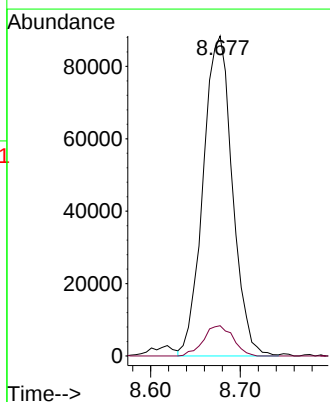
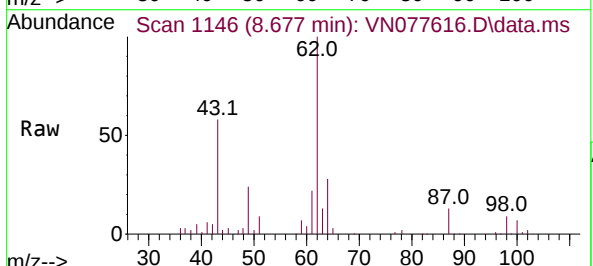
Reviewed By :John Carlone 05/09/2023

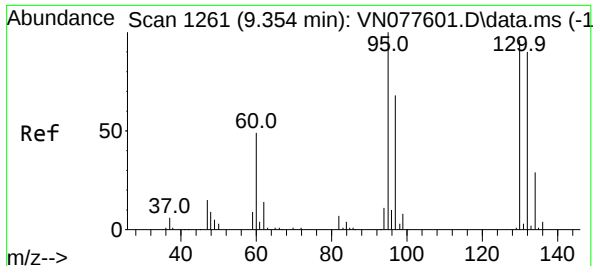
Supervised By :Mahesh Dadoda 05/09/2023



#36
1,2-Dichloroethane
Concen: 22.738 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 62 Resp: 200413
Ion Ratio Lower Upper
62 100
98 9.6 7.6 11.4





#37

Trichloroethene

Concen: 19.071 ug/l

RT: 9.354 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion:130 Resp: 130334

Ion Ratio Lower Upper

130 100

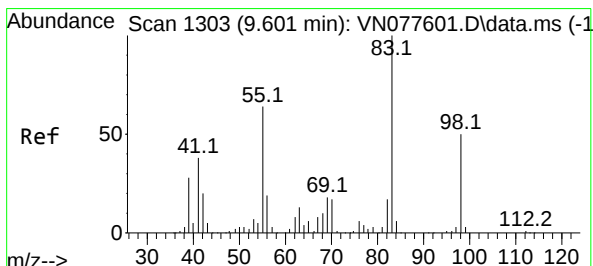
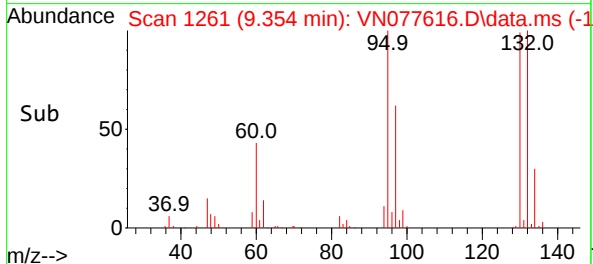
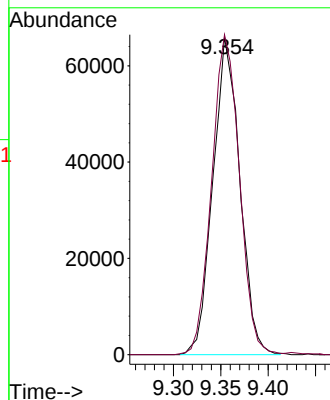
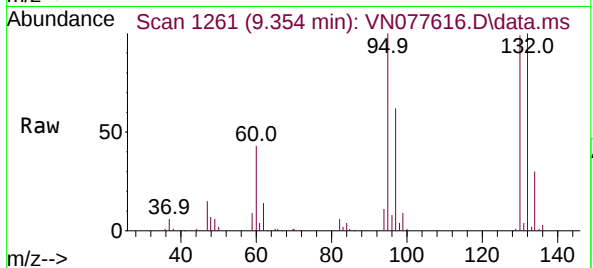
95 100.4 83.0 124.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#38

Methylcyclohexane

Concen: 18.512 ug/l

RT: 9.601 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

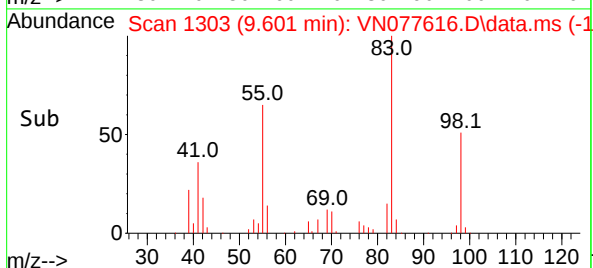
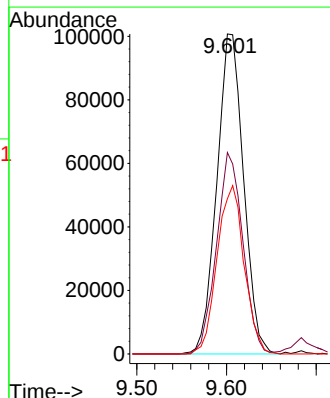
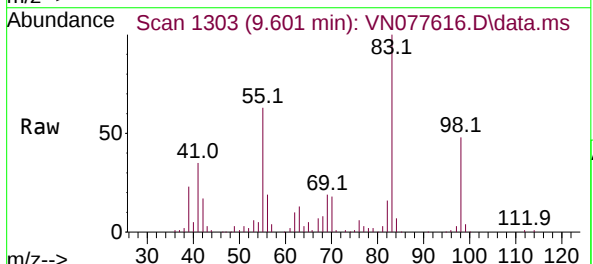
Tgt Ion: 83 Resp: 208693

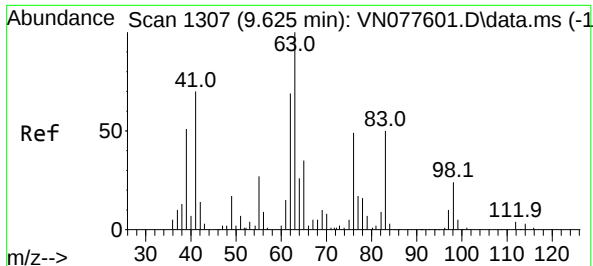
Ion Ratio Lower Upper

83 100

55 62.0 33.6 100.8

98 53.2 25.3 75.8





#39

1,2-Dichloropropane

Concen: 21.365 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

Tgt Ion: 63 Resp: 130772

Ion Ratio Lower Upper

63 100

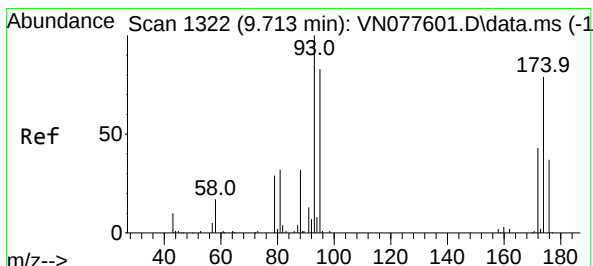
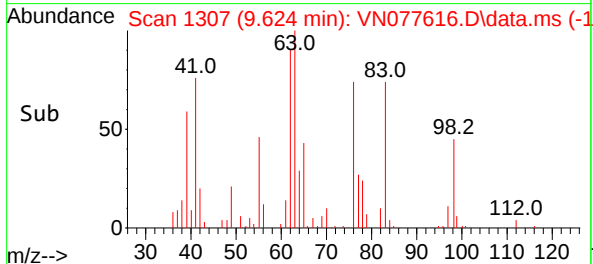
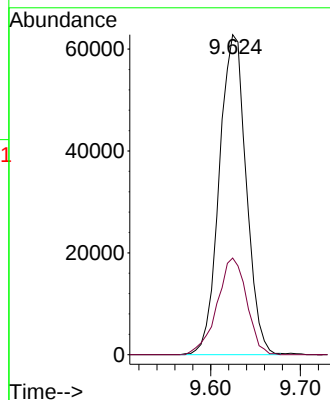
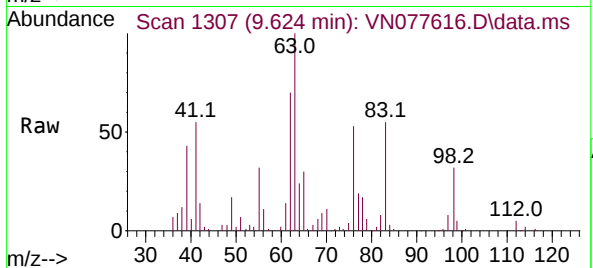
65 30.2 28.2 42.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#40

Dibromomethane

Concen: 21.502 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

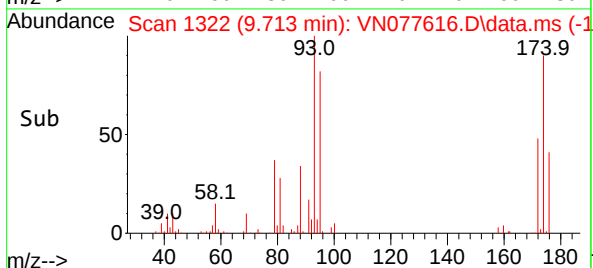
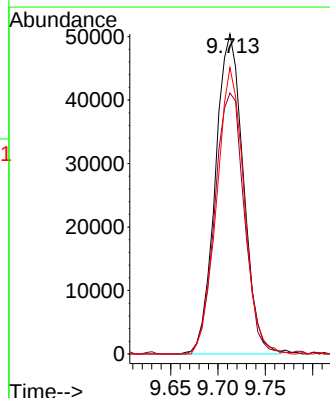
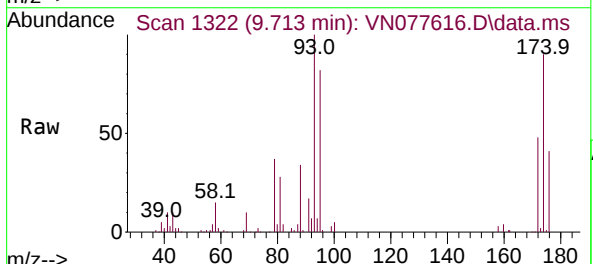
Tgt Ion: 93 Resp: 103758

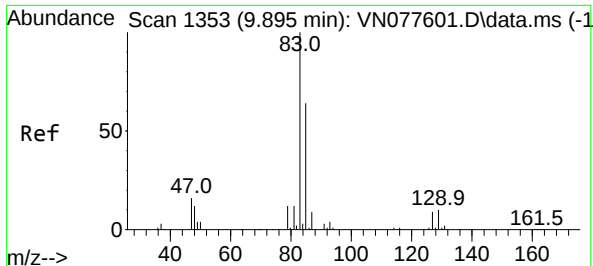
Ion Ratio Lower Upper

93 100

95 85.6 0.0 164.0

174 87.7 0.0 157.0





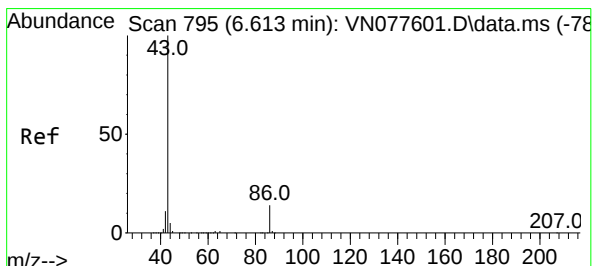
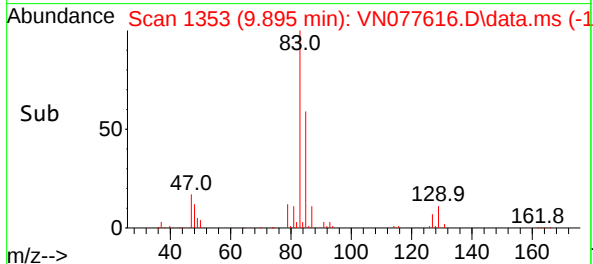
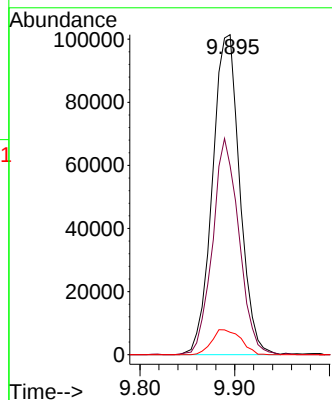
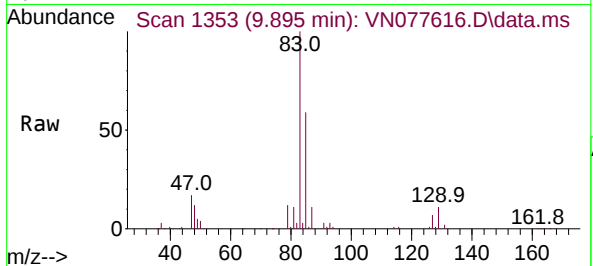
#41
Bromodichloromethane
Concen: 20.914 ug/l
RT: 9.895 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion: 83 Resp: 203218
Ion Ratio Lower Upper
83 100
85 59.0 51.2 76.8
127 7.0 7.3 10.9

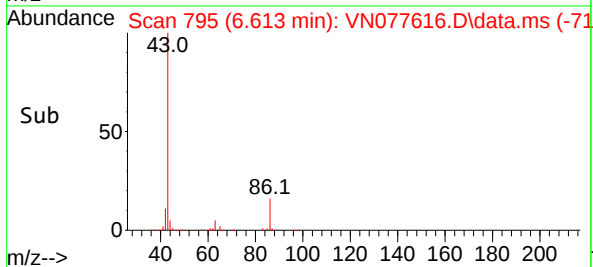
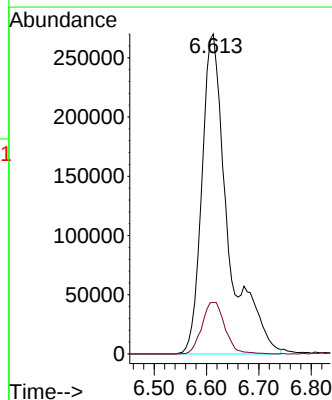
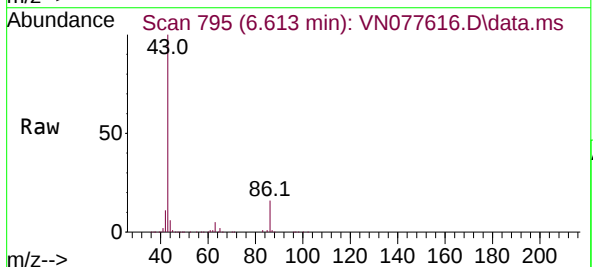
Manual Integrations
APPROVED

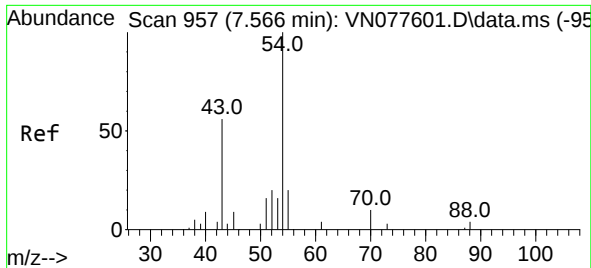
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#42
Vinyl Acetate
Concen: 107.863 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 43 Resp: 933770
Ion Ratio Lower Upper
43 100
86 14.2 10.3 15.5





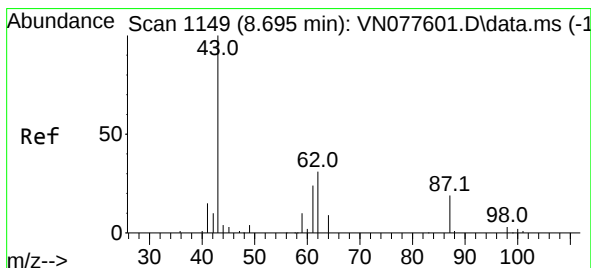
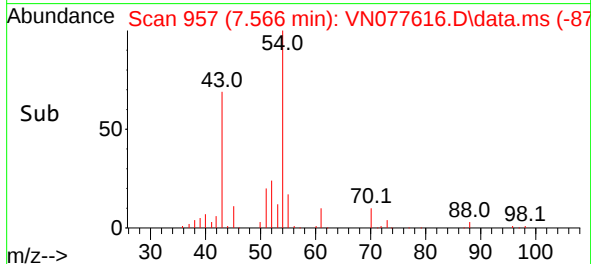
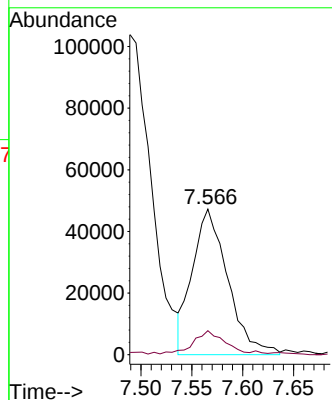
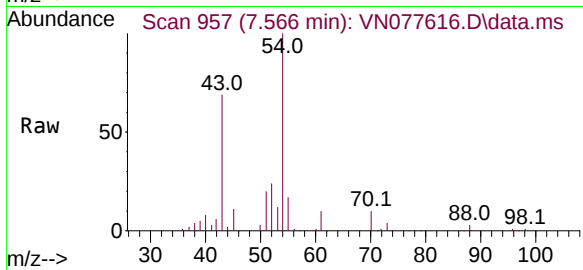
#43
Ethyl Acetate
Concen: 22.821 ug/l m
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion: 43 Resp: 114462
Ion Ratio Lower Upper
43 100
45 0.1 8.2 12.4

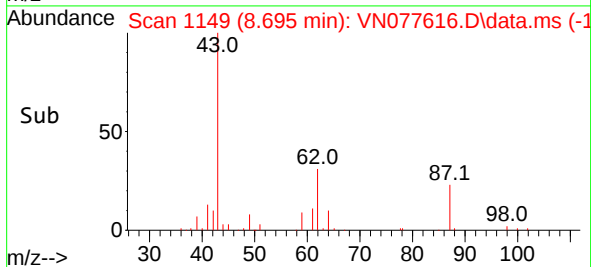
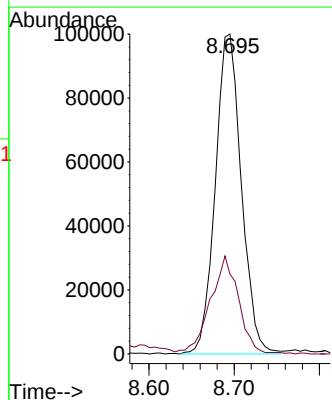
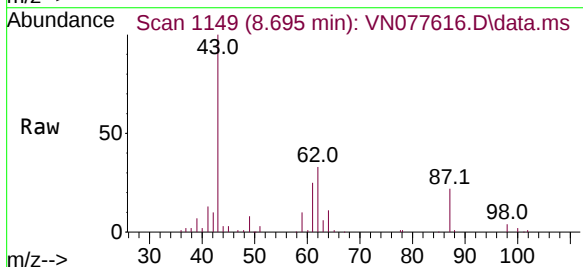
Manual Integrations
APPROVED

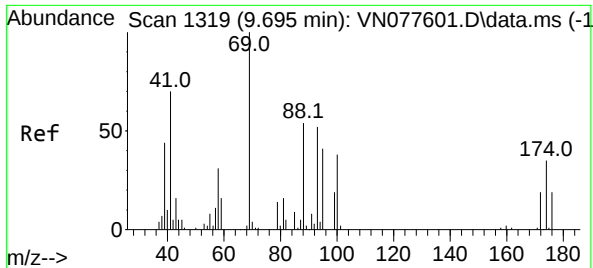
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#44
Isopropyl Acetate
Concen: 23.176 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

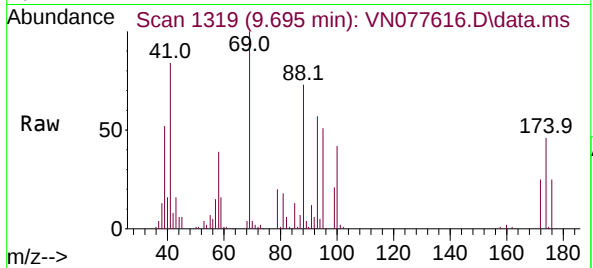
Tgt Ion: 43 Resp: 212831
Ion Ratio Lower Upper
43 100
61 33.0 23.2 34.8





#45
1,4-Dioxane
Concen: 501.727 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

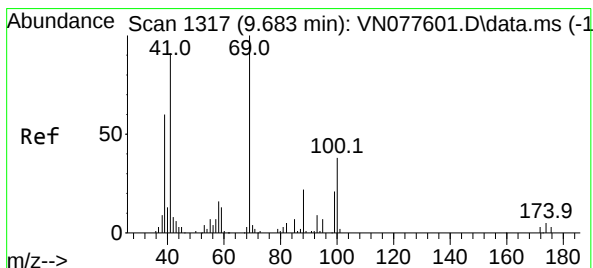
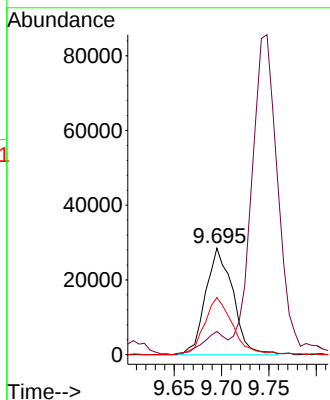
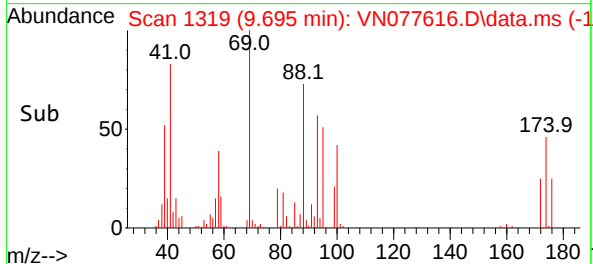
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



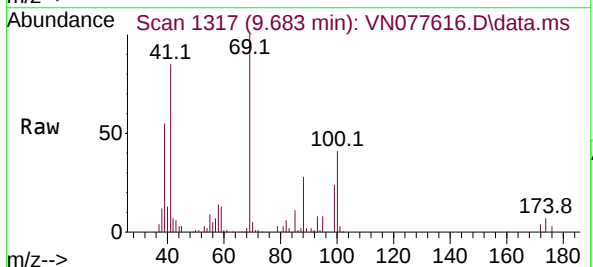
Tgt Ion: 88 Resp: 57274
Ion Ratio Lower Upper
88 100
43 18.6 18.2 27.2
58 54.6 47.5 71.3

Manual Integrations
APPROVED

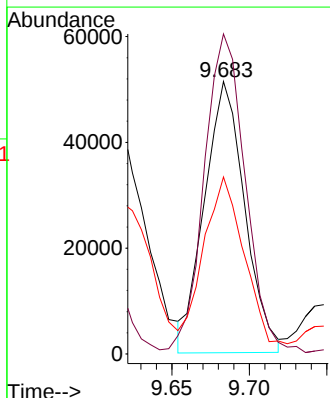
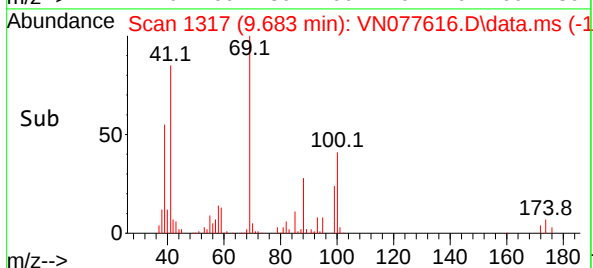
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

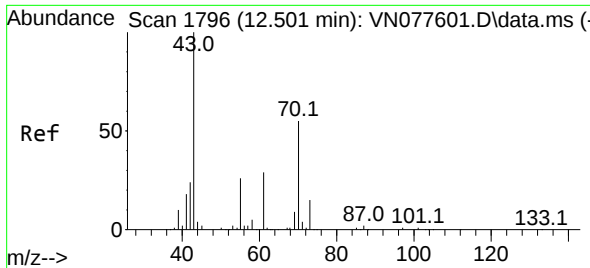


#46
Methyl methacrylate
Concen: 22.444 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



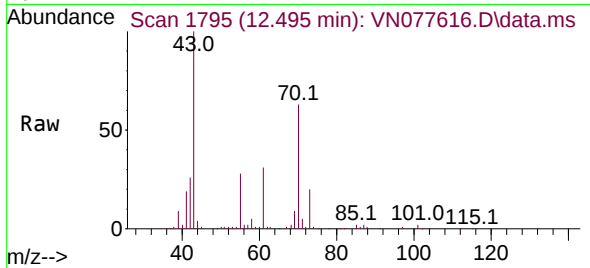
Tgt Ion: 41 Resp: 92565
Ion Ratio Lower Upper
41 100
69 119.6 52.0 156.0
39 63.6 33.6 100.6





#47
n-amy1 Acetate
Concen: 21.822 ug/l
RT: 12.495 min Scan# 1796
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

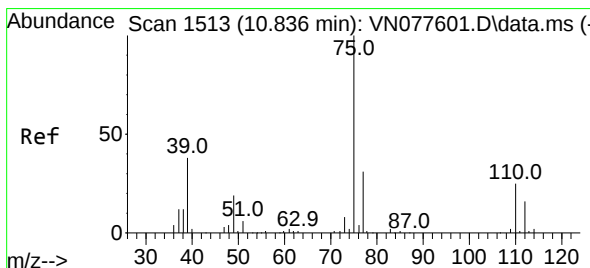
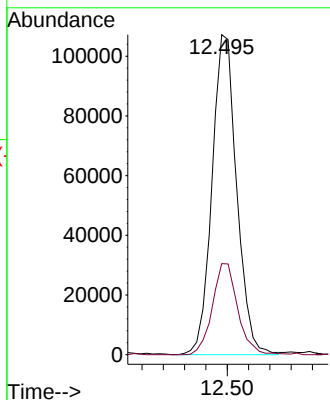
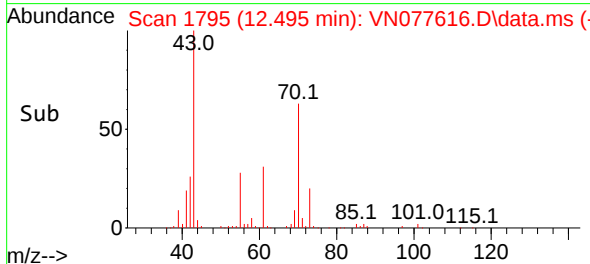
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



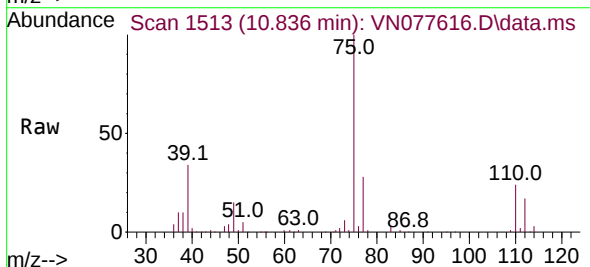
Tgt Ion: 43 Resp: 17259
Ion Ratio Lower Upper
43 100
55 29.3 21.4 32.0

Manual Integrations
APPROVED

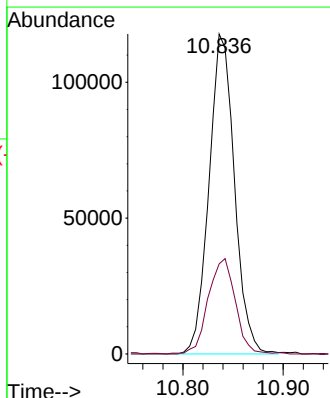
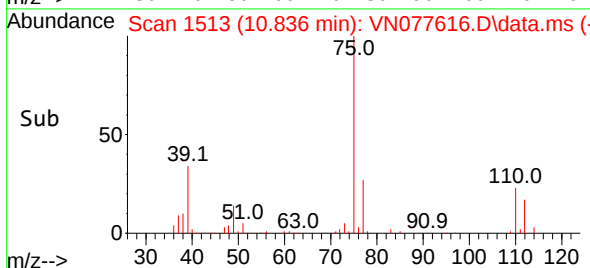
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

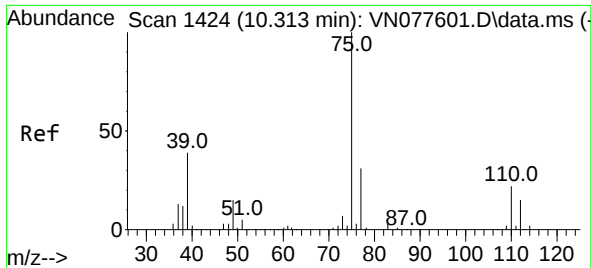


#48
t-1,3-Dichloropropene
Concen: 21.220 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



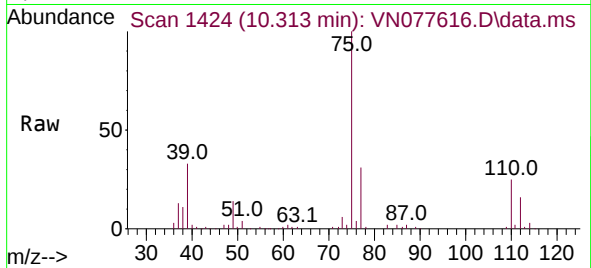
Tgt Ion: 75 Resp: 207869
Ion Ratio Lower Upper
75 100
77 27.9 25.1 37.7





#49
 cis-1,3-Dichloropropene
 Concen: 21.272 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

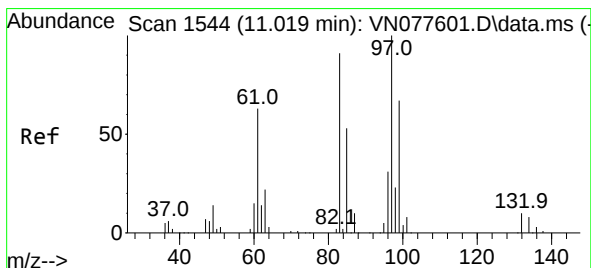
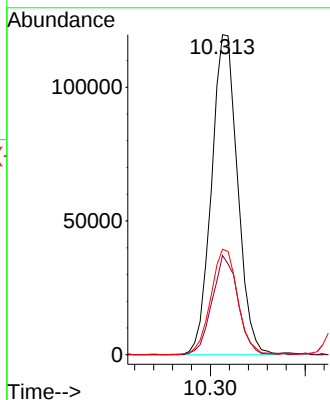
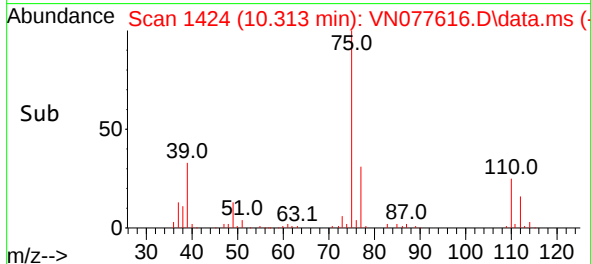
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01



Tgt Ion: 75 Resp: 22839
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.7 37.1
 39 32.8 31.0 46.6

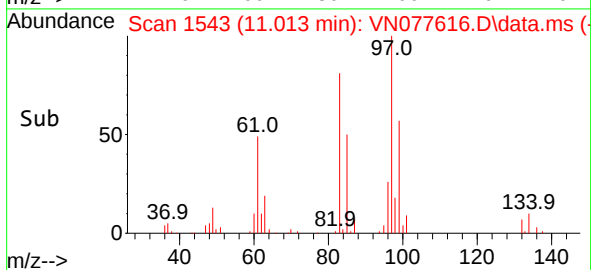
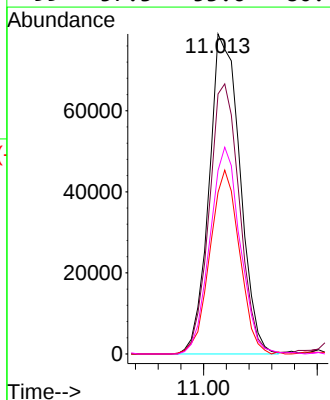
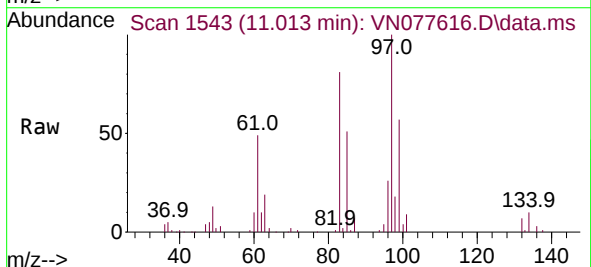
Manual Integrations
 APPROVED

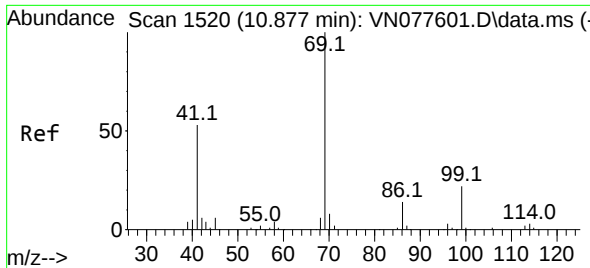
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023



#50
 1,1,2-Trichloroethane
 Concen: 21.415 ug/l
 RT: 11.013 min Scan# 1543
 Delta R.T. -0.006 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

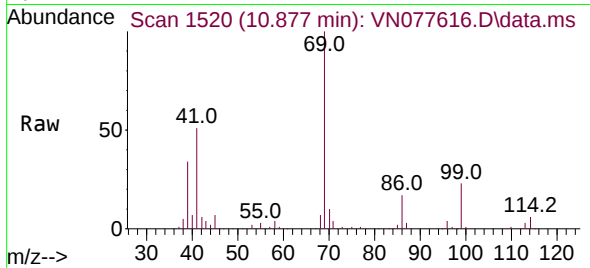
Tgt Ion: 97 Resp: 148817
 Ion Ratio Lower Upper
 97 100
 83 81.0 72.6 108.8
 85 50.2 42.6 63.8
 99 57.3 53.6 80.4





#51
Ethyl methacrylate
Concen: 22.423 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

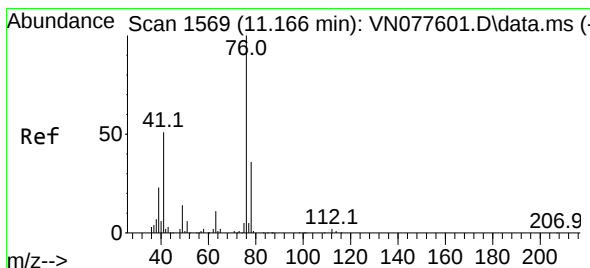
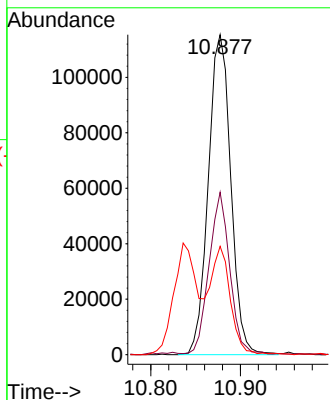
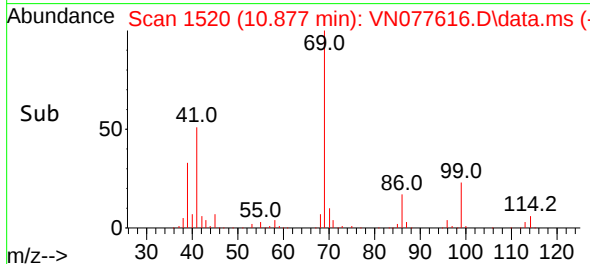
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 69 Resp: 201154
Ion Ratio Lower Upper
69 100
41 50.4 26.3 78.9
39 33.5 18.1 54.1

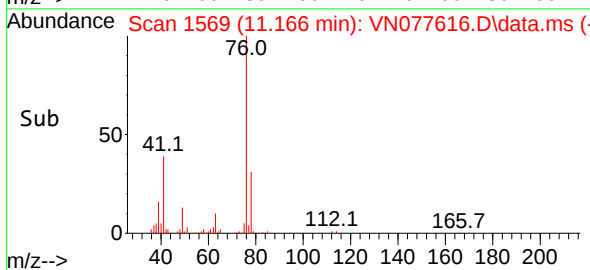
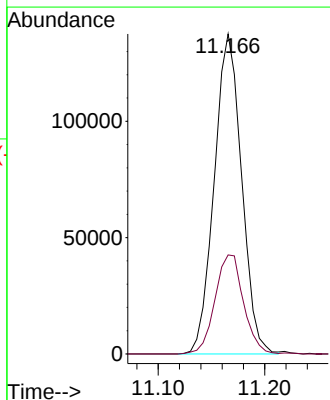
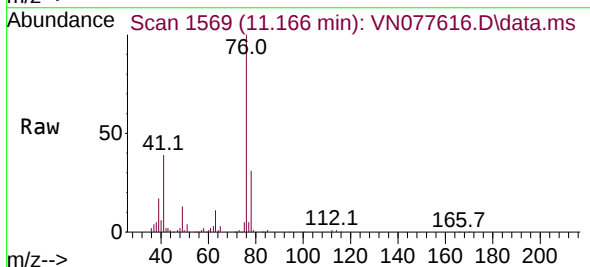
Manual Integrations
APPROVED

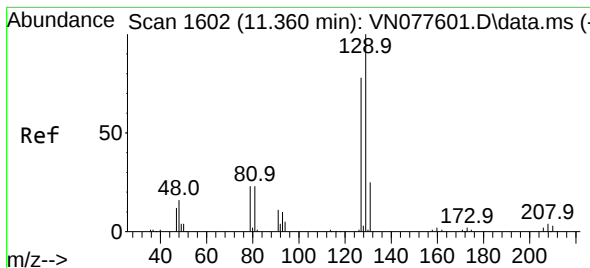
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#52
1,3-Dichloropropane
Concen: 21.814 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

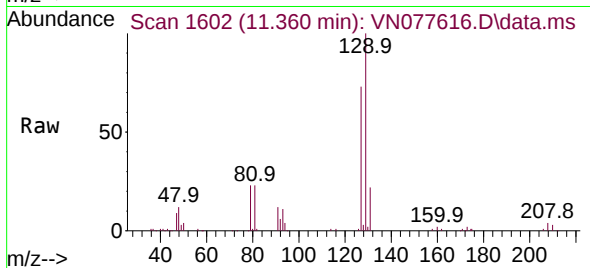
Tgt Ion: 76 Resp: 245104
Ion Ratio Lower Upper
76 100
78 32.2 0.0 66.4





#53
Dibromochloromethane
Concen: 20.928 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

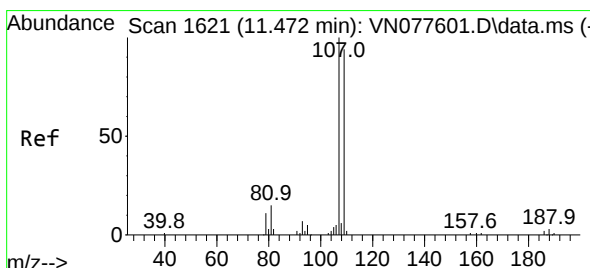
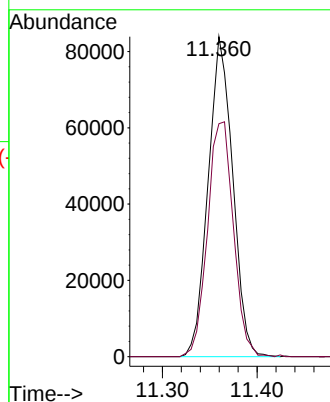
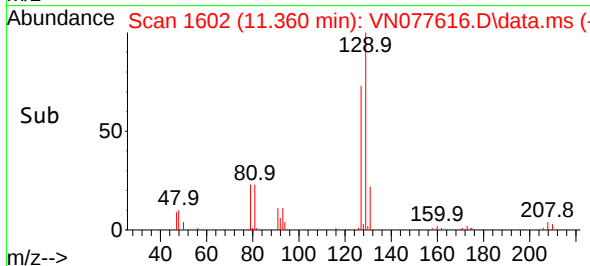
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



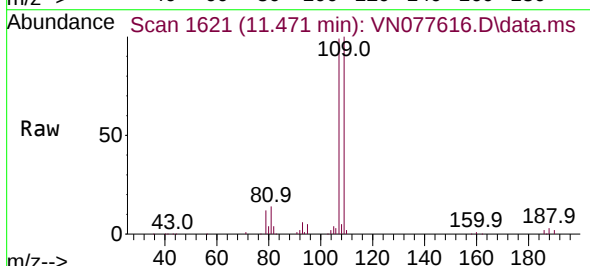
Tgt Ion:129 Resp: 151310
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.1

Manual Integrations
APPROVED

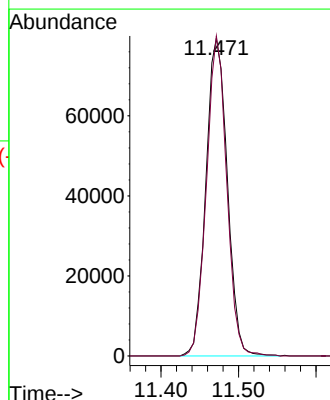
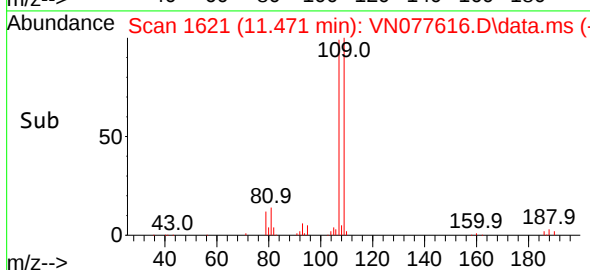
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

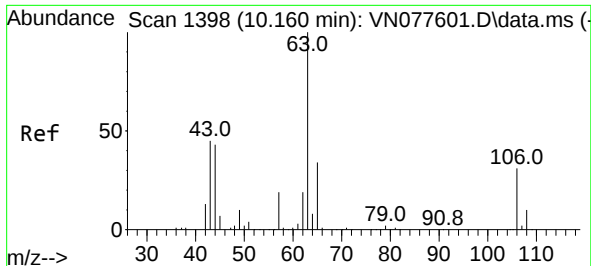


#54
1,2-Dibromoethane
Concen: 22.089 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



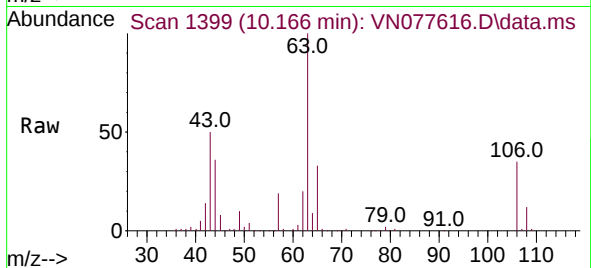
Tgt Ion:107 Resp: 152477
Ion Ratio Lower Upper
107 100
109 95.1 77.4 116.2





#55
2-Chloroethyl vinyl ether
Concen: 112.763 ug/l
RT: 10.166 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

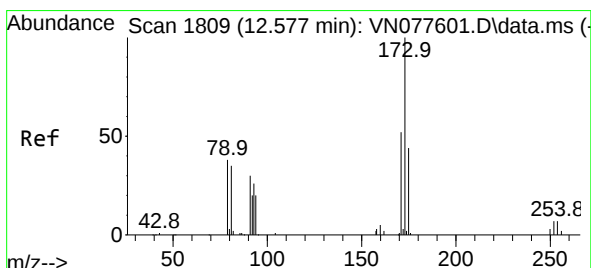
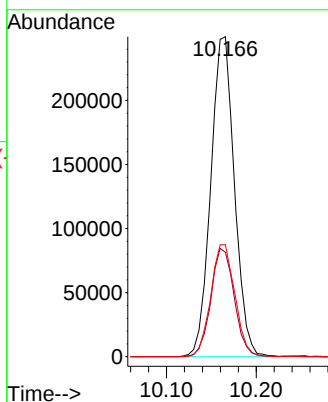
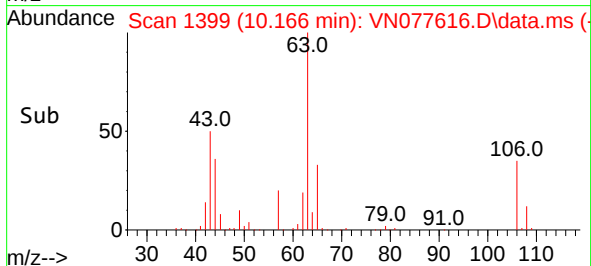
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 63 Resp: 457439
Ion Ratio Lower Upper
63 100
65 33.4 26.8 40.2
106 35.6 25.6 38.4

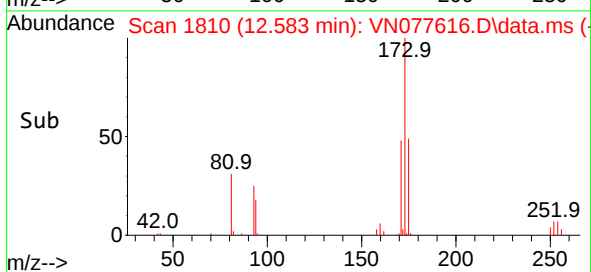
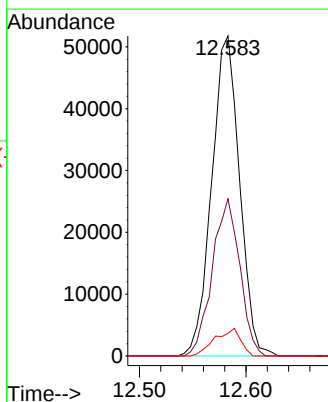
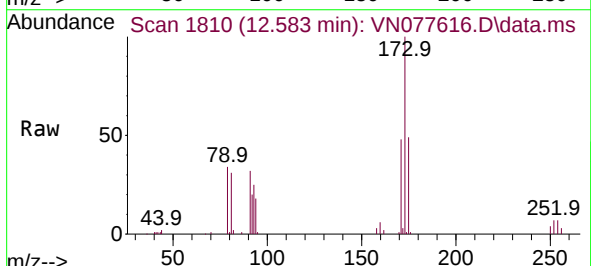
Manual Integrations
APPROVED

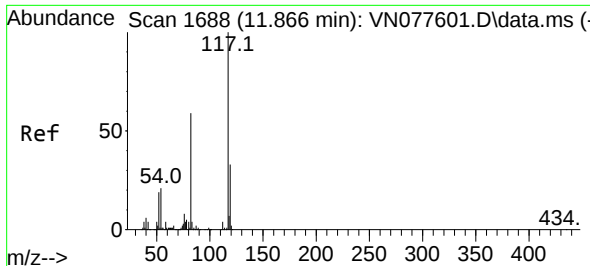
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#56
Bromoform
Concen: 22.091 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

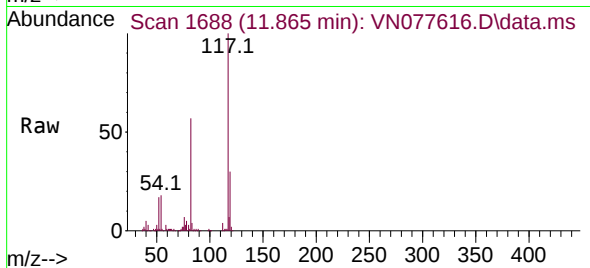
Tgt Ion:173 Resp: 93982
Ion Ratio Lower Upper
173 100
175 48.4 39.4 59.2
254 8.0 5.8 8.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

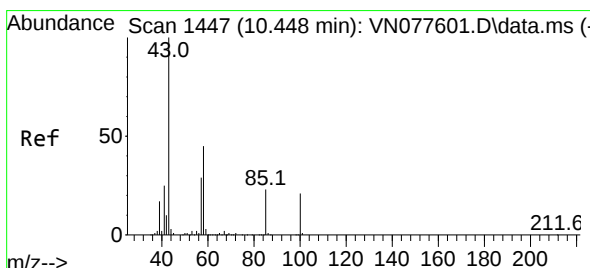
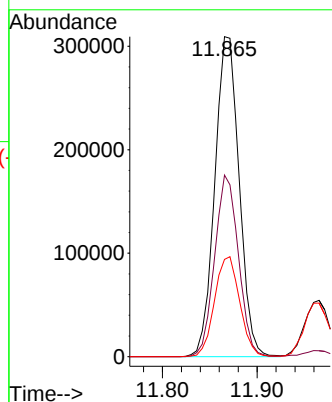
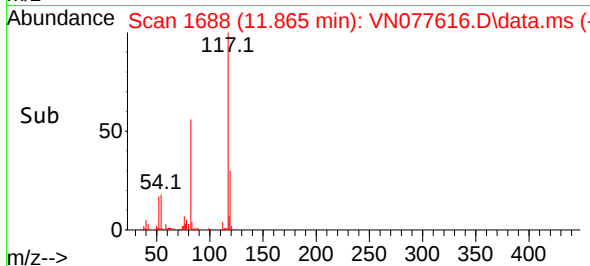
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion:117 Resp: 553879
Ion Ratio Lower Upper
117 100
82 55.4 47.4 71.2
119 32.3 26.6 39.8

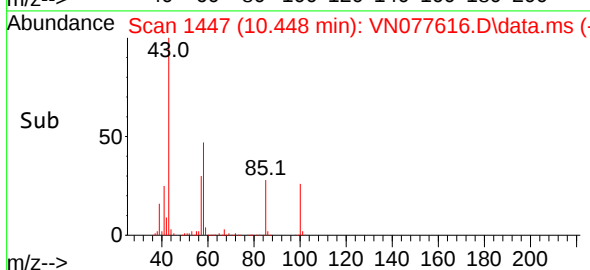
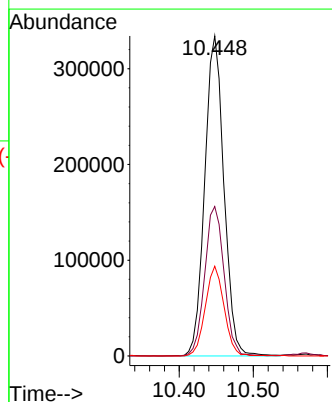
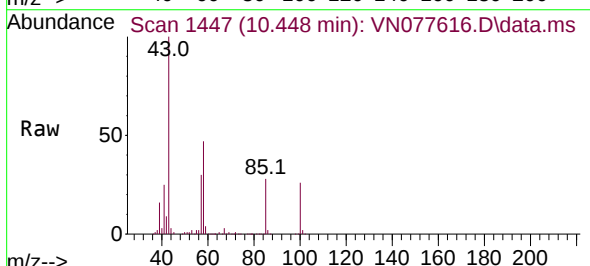
Manual Integrations
APPROVED

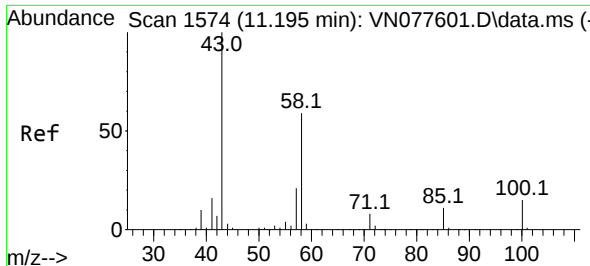
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#58
4-Methyl-2-Pentanone
Concen: 118.196 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

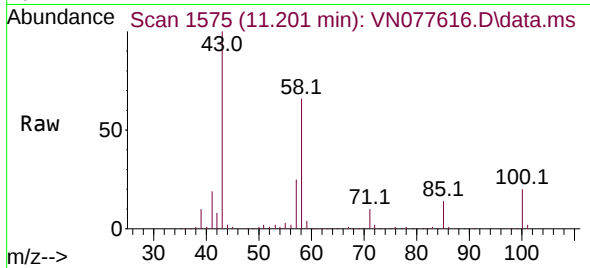
Tgt Ion: 43 Resp: 602873
Ion Ratio Lower Upper
43 100
58 47.1 35.4 53.2
85 27.3 18.2 27.2#





#59
2-Hexanone
Concen: 116.284 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

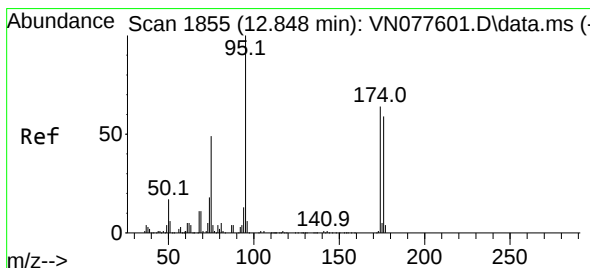
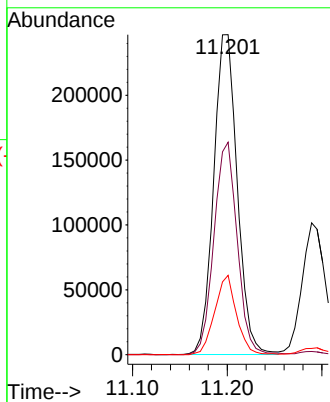
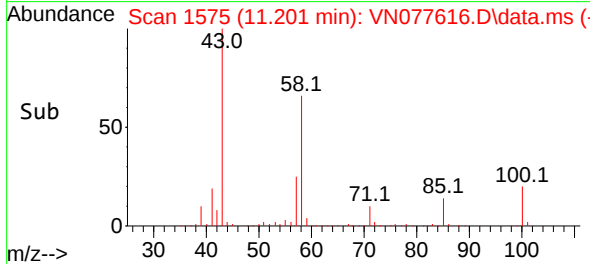
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 43 Resp: 42815
Ion Ratio Lower Upper
43 100
58 65.2 48.2 72.2
57 22.8 17.3 25.9

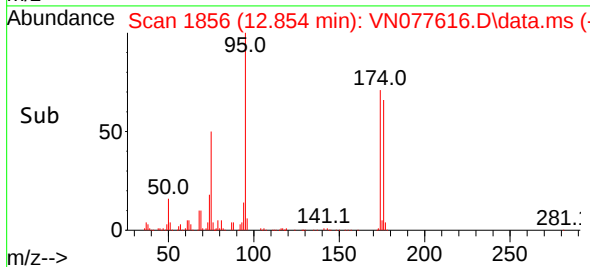
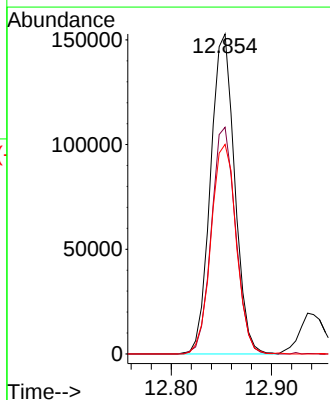
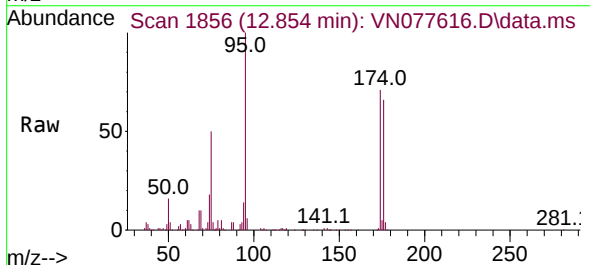
Manual Integrations
APPROVED

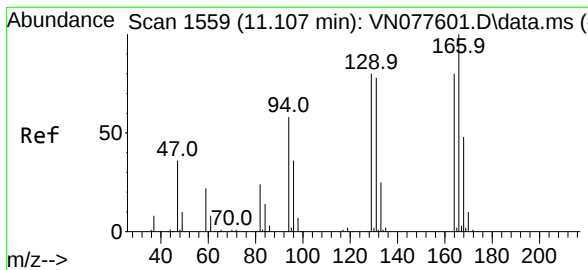
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#60
4-Bromofluorobenzene
Concen: 29.034 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

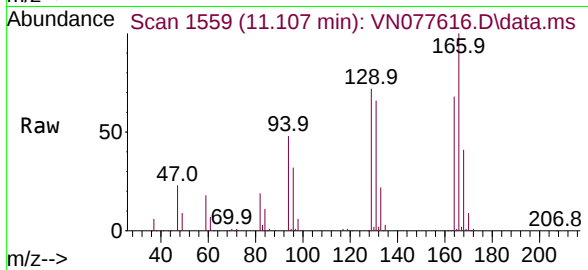
Tgt Ion: 95 Resp: 255703
Ion Ratio Lower Upper
95 100
174 71.1 53.4 80.0
176 68.4 50.0 75.0





#61
Tetrachloroethene
Concen: 19.229 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

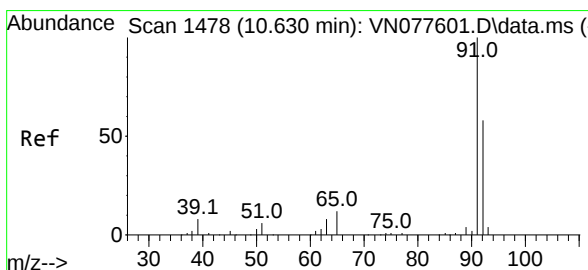
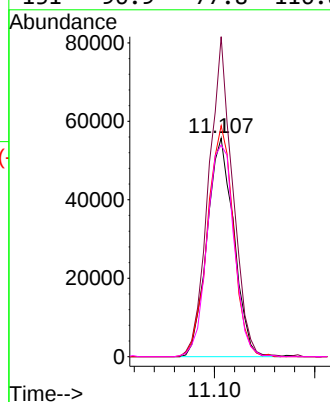
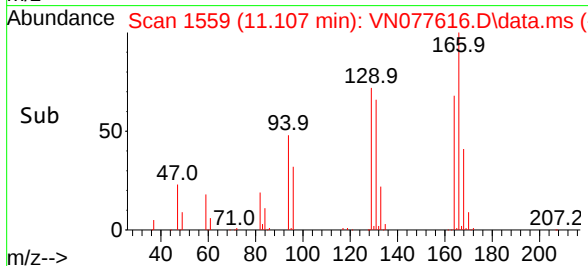
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



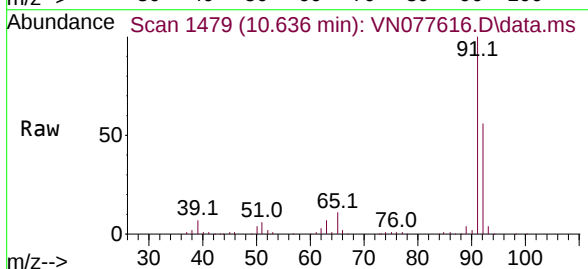
Tgt Ion:164 Resp: 10302
Ion Ratio Lower Upper
164 100
166 146.5 100.5 150.7
129 105.8 80.6 120.8
131 96.9 77.8 116.8

Manual Integrations
APPROVED

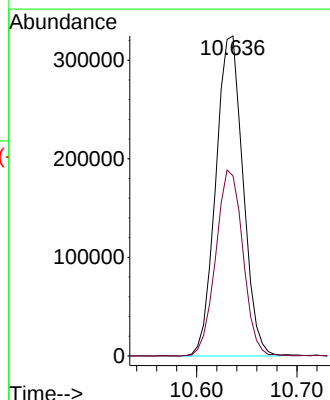
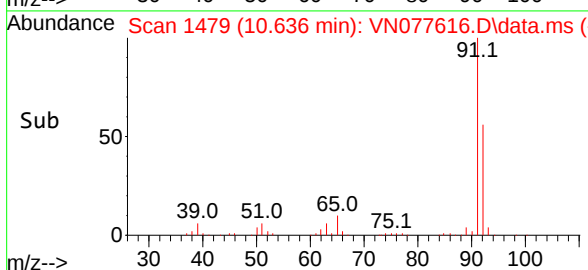
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

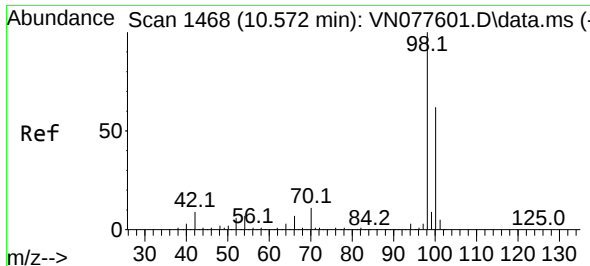


#62
Toluene
Concen: 20.003 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



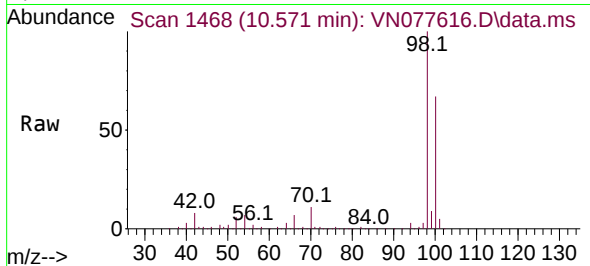
Tgt Ion: 91 Resp: 613400
Ion Ratio Lower Upper
91 100
92 57.9 47.0 70.6





#63
Toluene-d8
Concen: 29.930 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

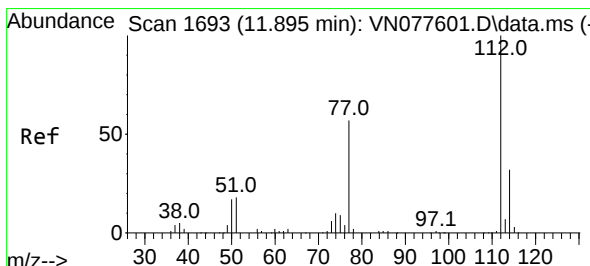
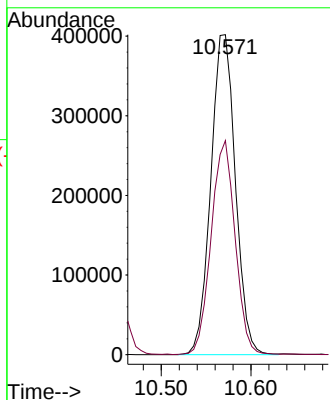
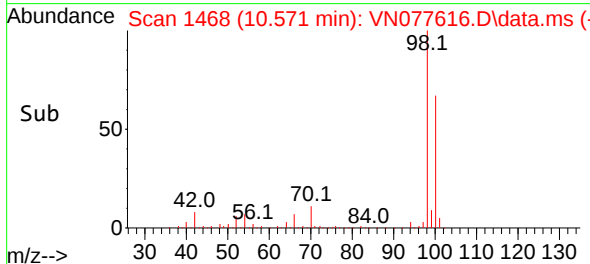
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



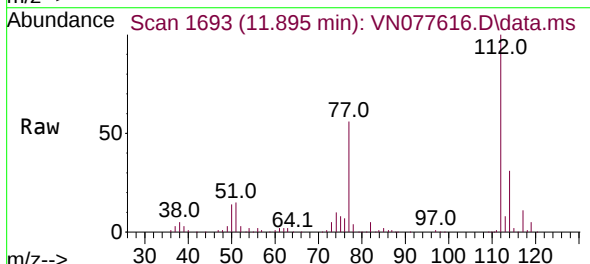
Tgt Ion: 98 Resp: 765670
Ion Ratio Lower Upper
98 100
100 65.2 52.1 78.1

Manual Integrations
APPROVED

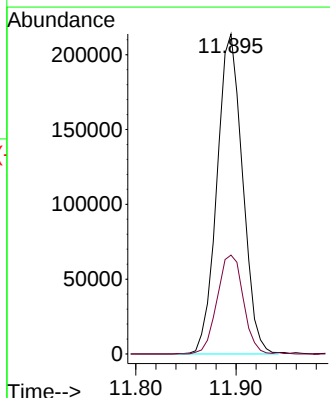
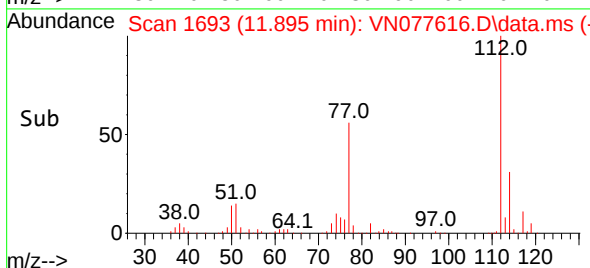
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

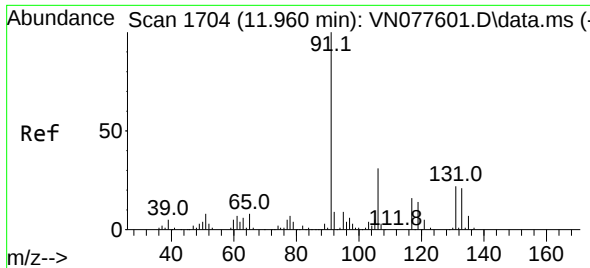


#64
Chlorobenzene
Concen: 20.089 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



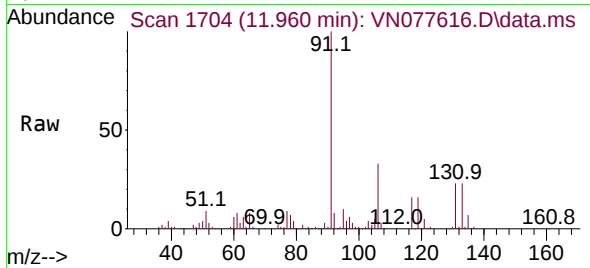
Tgt Ion:112 Resp: 378851
Ion Ratio Lower Upper
112 100
114 30.8 25.8 38.8





#65
1,1,1,2-Tetrachloroethane
Concen: 20.604 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

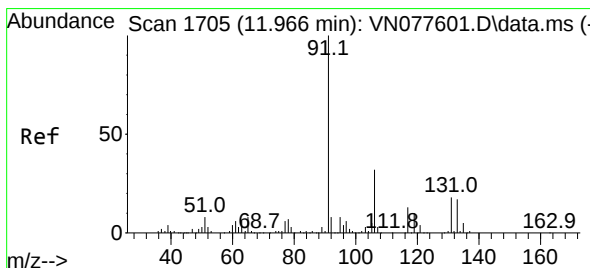
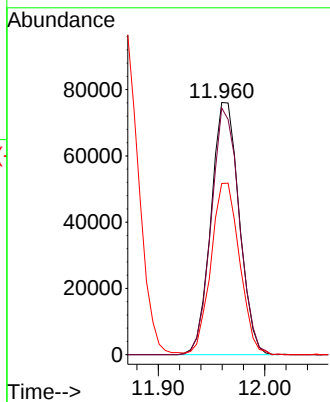
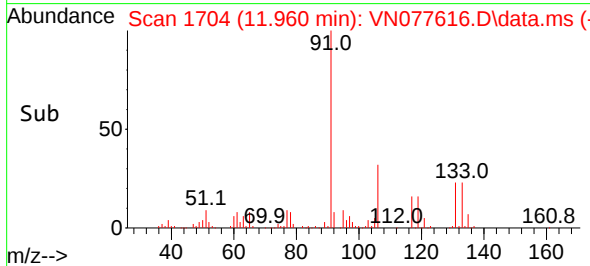
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion:131 Resp: 14017
Ion Ratio Lower Upper
131 100
133 96.8 0.0 181.2
119 68.8 0.0 125.0

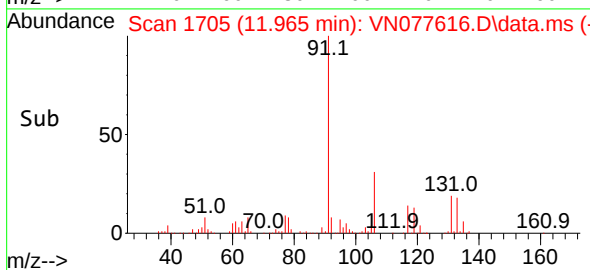
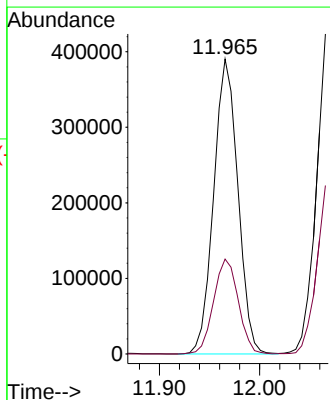
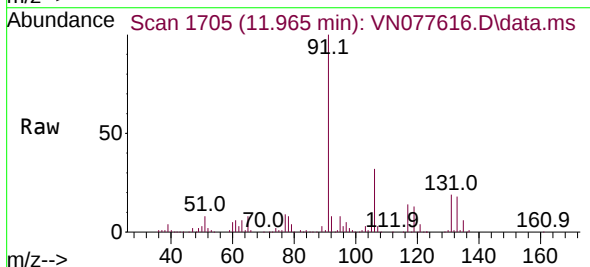
Manual Integrations
APPROVED

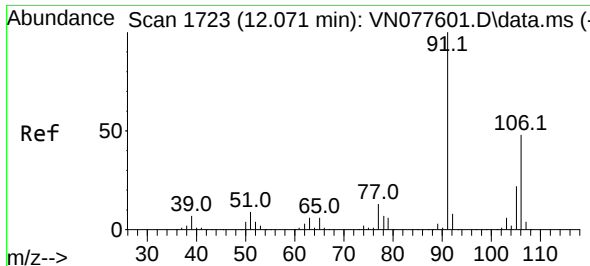
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#66
Ethyl Benzene
Concen: 19.228 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 91 Resp: 653319
Ion Ratio Lower Upper
91 100
106 32.2 25.7 38.5





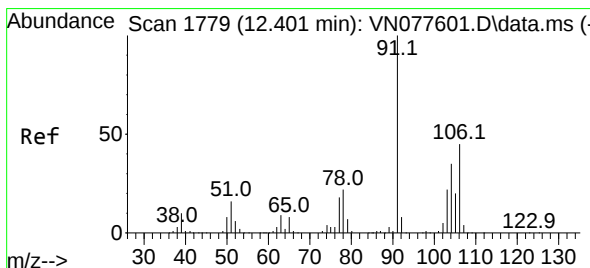
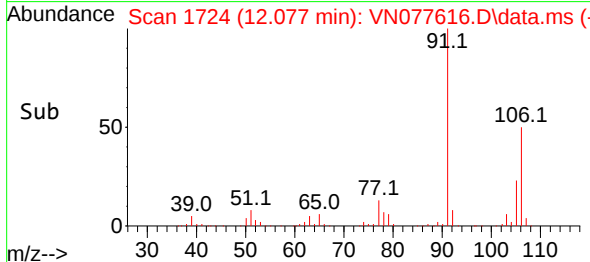
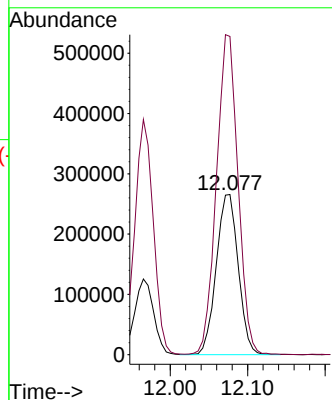
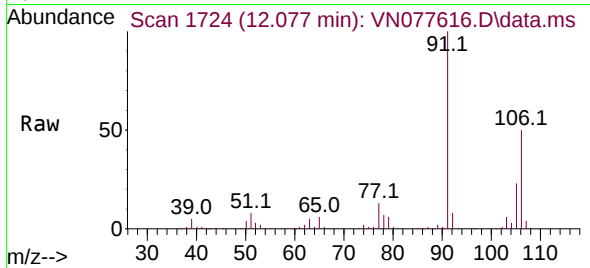
#67
m/p-Xylenes
Concen: 39.244 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion:106 Resp: 52461
Ion Ratio Lower Upper
106 100
91 195.6 162.6 244.0

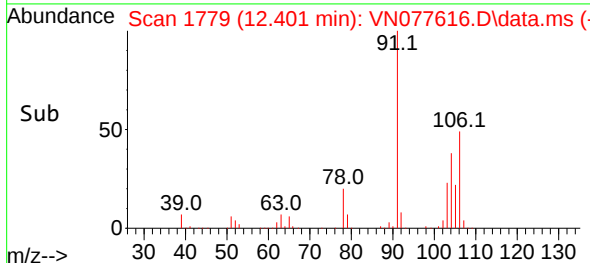
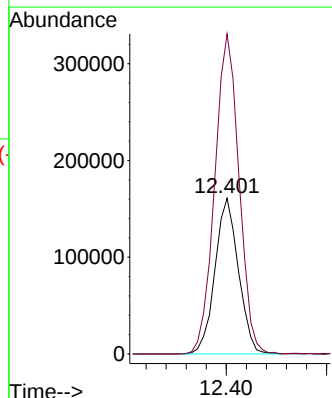
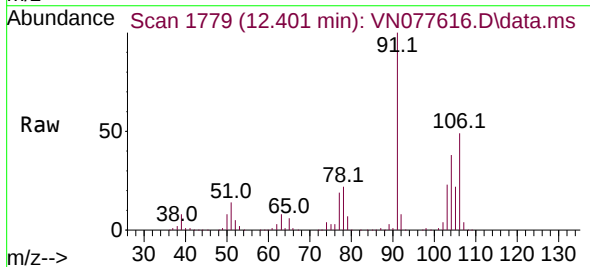
Manual Integrations
APPROVED

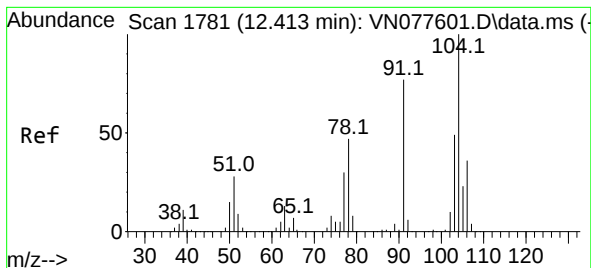
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#68
o-Xylene
Concen: 19.835 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion:106 Resp: 261310
Ion Ratio Lower Upper
106 100
91 212.8 109.5 328.4





#69

Styrene

Concen: 20.035 ug/l

RT: 12.413 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

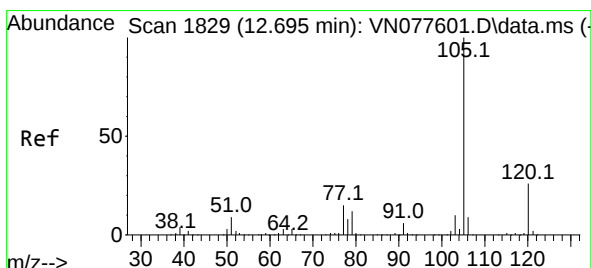
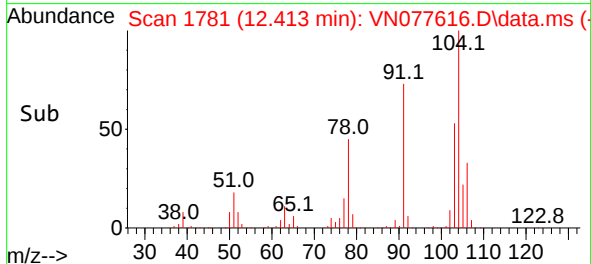
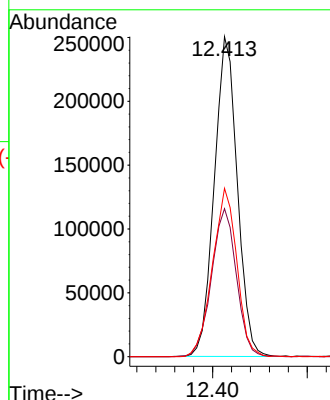
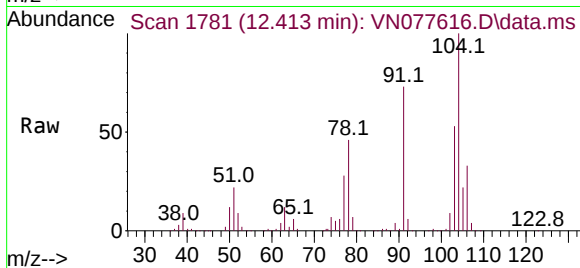
Tgt Ion:104 Resp: 422050
 Ion Ratio Lower Upper
 104 100
 78 50.2 41.3 61.9
 103 55.7 44.0 66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#70

Isopropylbenzene

Concen: 19.004 ug/l

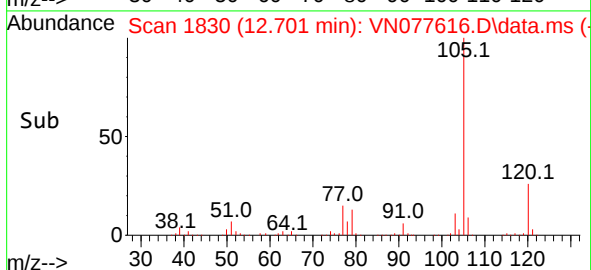
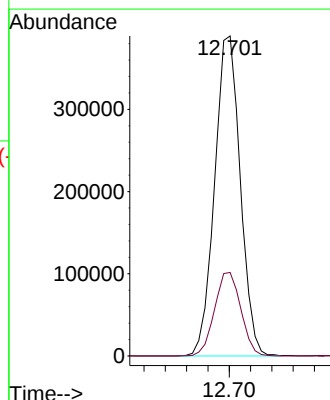
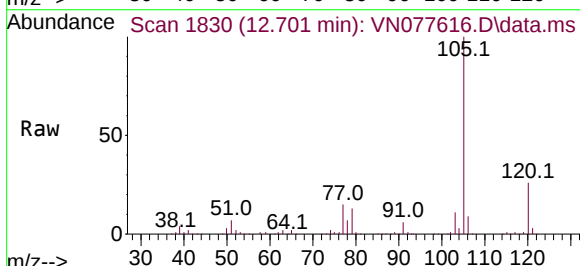
RT: 12.701 min Scan# 1830

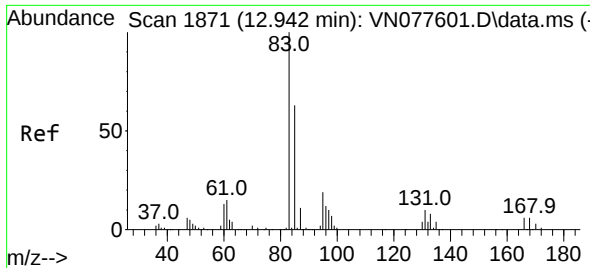
Delta R.T. 0.006 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

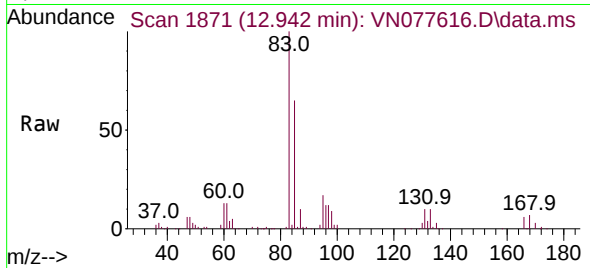
Tgt Ion:105 Resp: 650309
 Ion Ratio Lower Upper
 105 100
 120 26.7 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 22.029 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

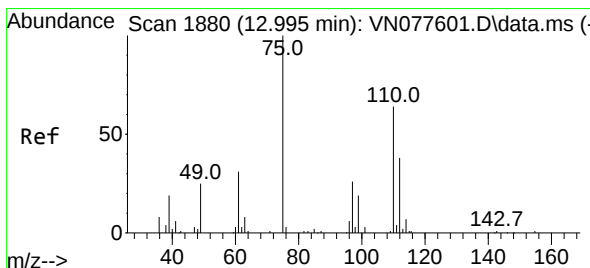
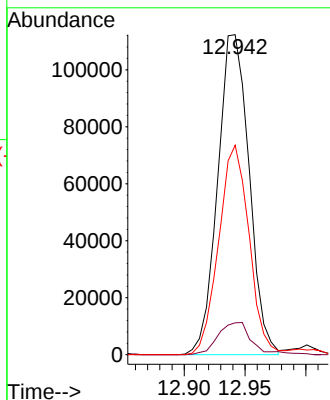
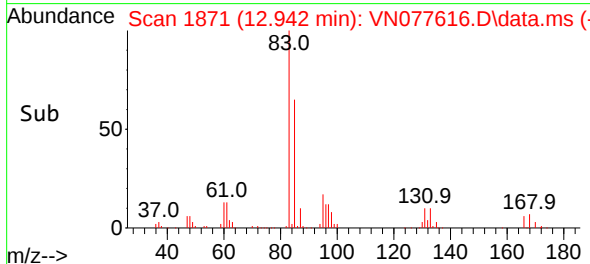
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion: 83 Resp: 202148
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 63.3 33.4 100.2

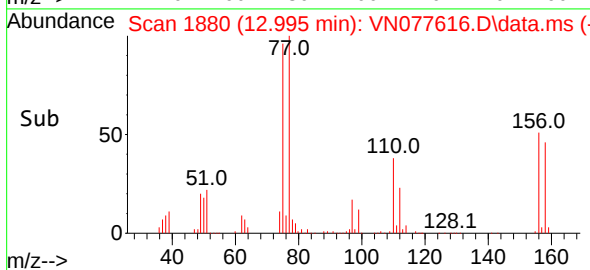
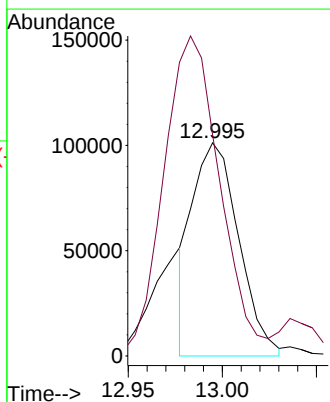
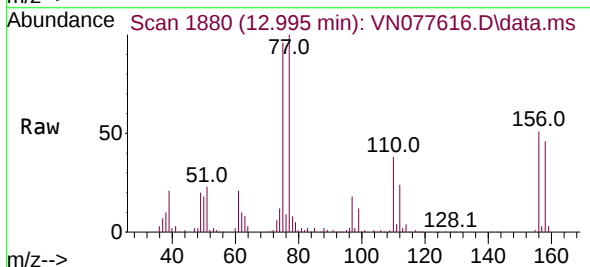
Manual Integrations
APPROVED

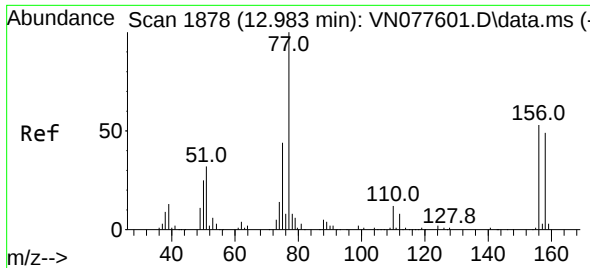
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#72
1,2,3-Trichloropropane
Concen: 22.632 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

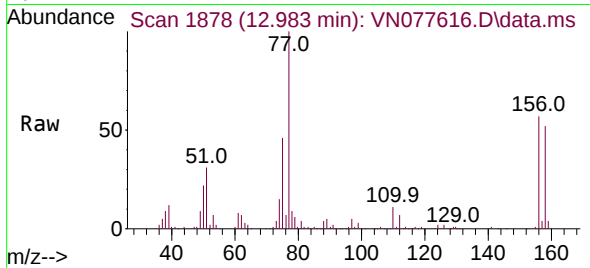
Tgt Ion: 75 Resp: 172804
Ion Ratio Lower Upper
75 100
77 182.8 0.0 354.6





#73
Bromobenzene
Concen: 20.394 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

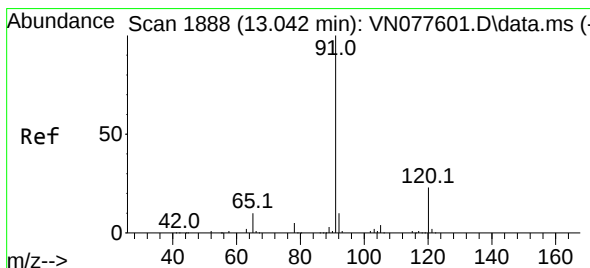
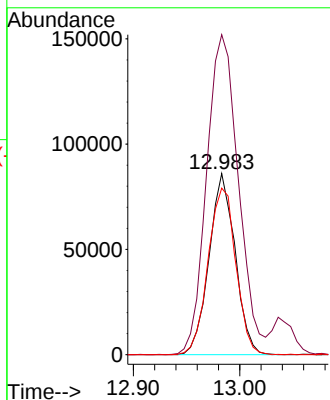
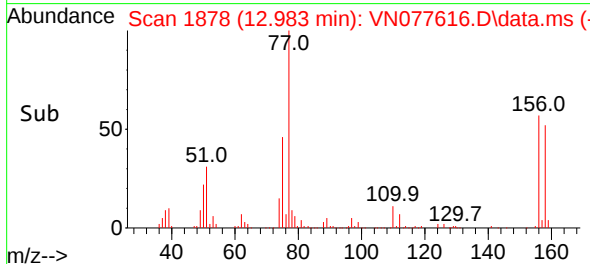
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



Tgt Ion:156 Resp: 145923
Ion Ratio Lower Upper
156 100
77 216.4 0.0 466.4
158 98.1 0.0 196.2

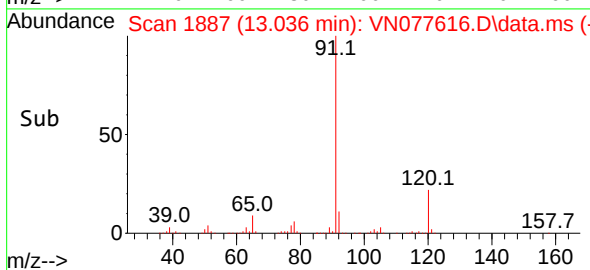
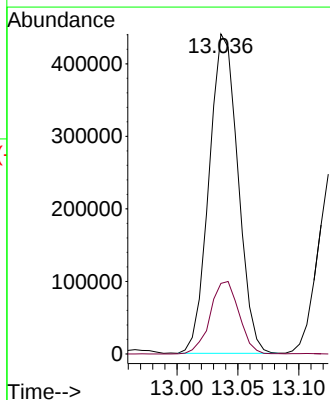
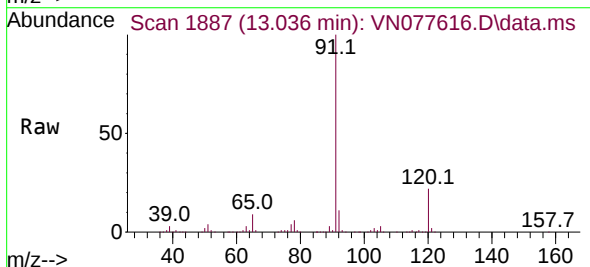
Manual Integrations
APPROVED

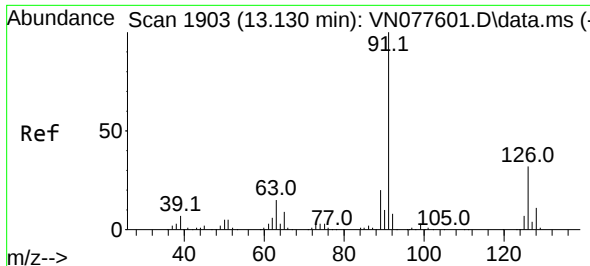
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#74
n-propylbenzene
Concen: 18.972 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 91 Resp: 725887
Ion Ratio Lower Upper
91 100
120 22.6 0.0 45.6





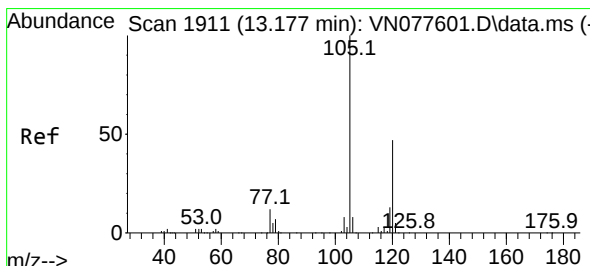
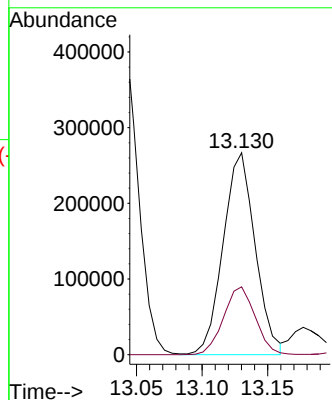
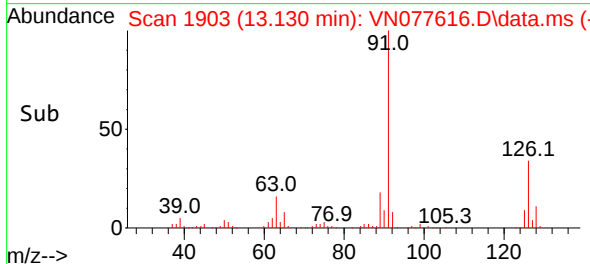
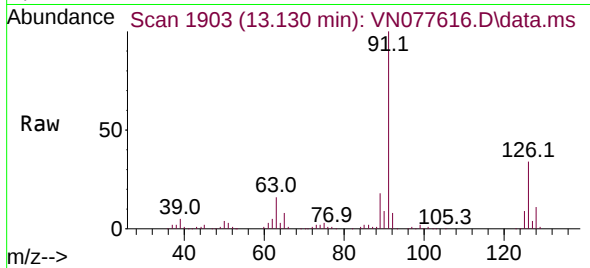
#75
2-Chlorotoluene
Concen: 19.578 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion: 91 Resp: 453029
Ion Ratio Lower Upper
91 100
126 33.3 0.0 65.0

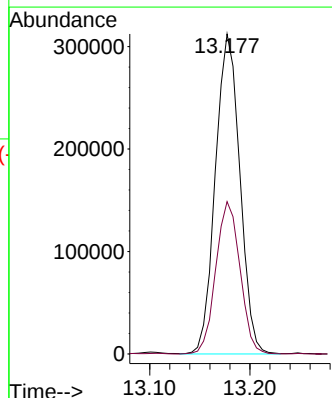
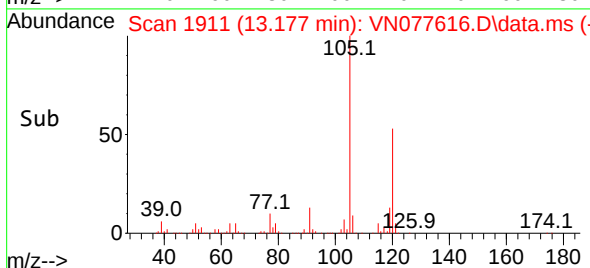
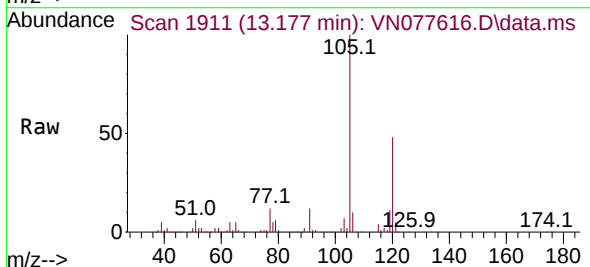
Manual Integrations
APPROVED

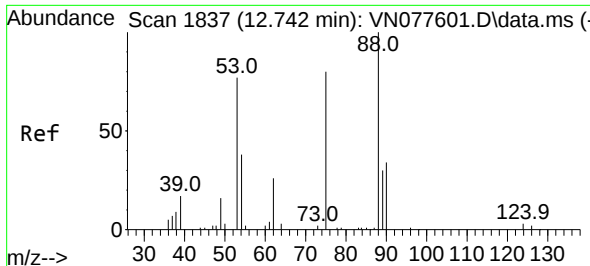
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 19.571 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion:105 Resp: 529246
Ion Ratio Lower Upper
105 100
120 47.0 0.0 95.2





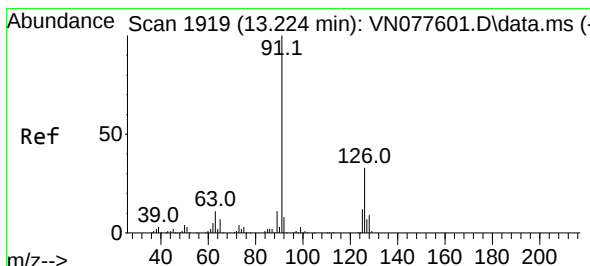
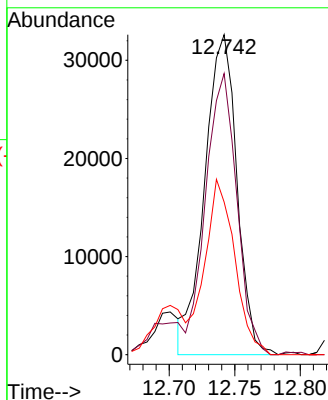
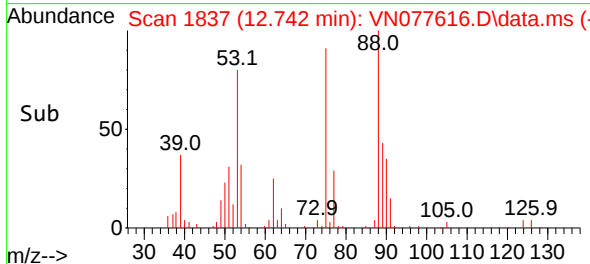
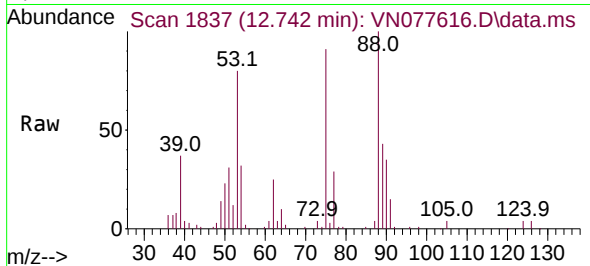
#77
t-1,4-Dichloro-2-butene
Concen: 20.954 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion: 75 Resp: 55738
Ion Ratio Lower Upper
75 100
53 87.8 46.9 140.7
89 47.7 21.0 63.0

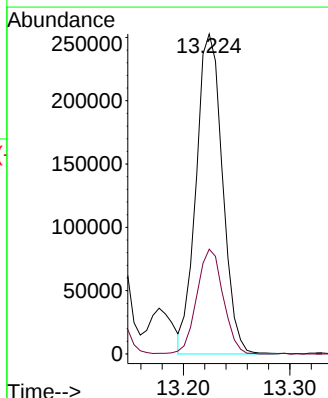
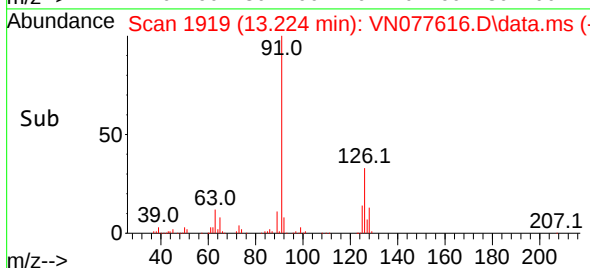
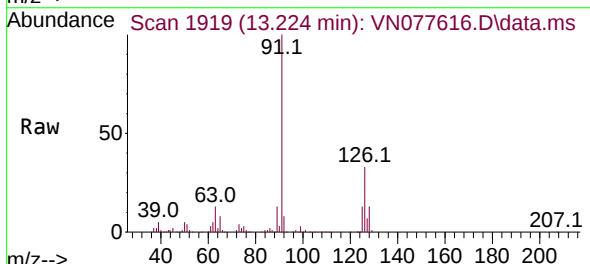
Manual Integrations
APPROVED

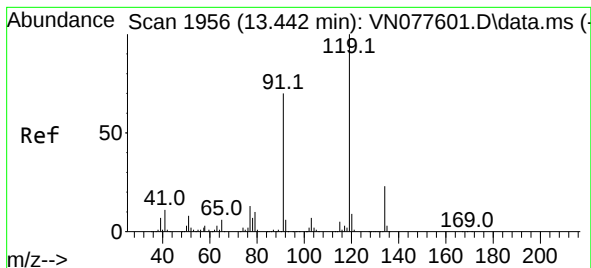
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#78
4-Chlorotoluene
Concen: 19.268 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion: 91 Resp: 435349
Ion Ratio Lower Upper
91 100
126 32.7 0.0 64.6





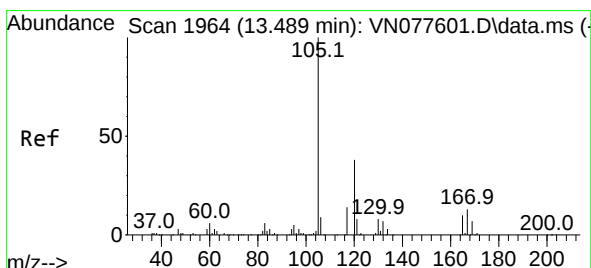
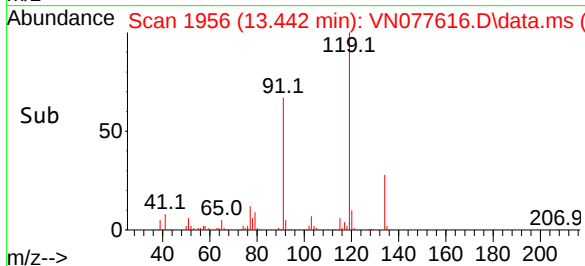
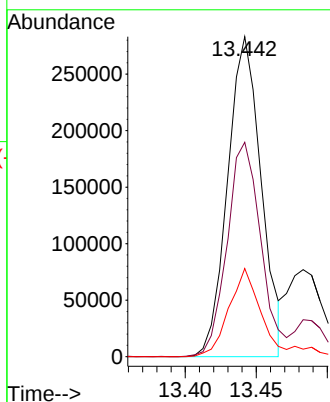
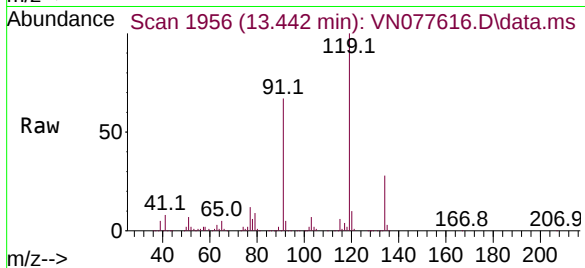
#79
tert-butylbenzene
Concen: 19.256 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion:119 Resp: 466370
Ion Ratio Lower Upper
119 100
91 67.5 0.0 141.6
134 25.7 0.0 46.6

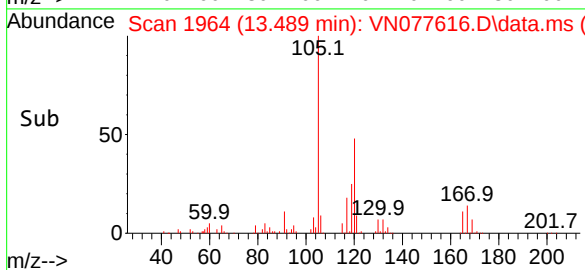
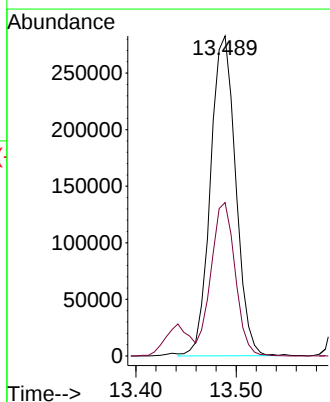
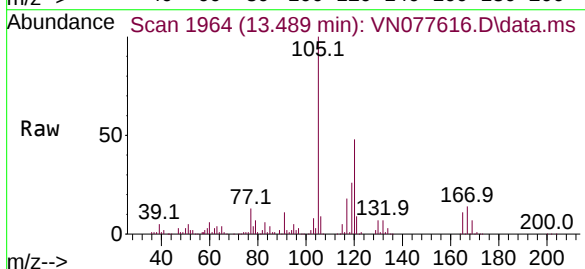
Manual Integrations
APPROVED

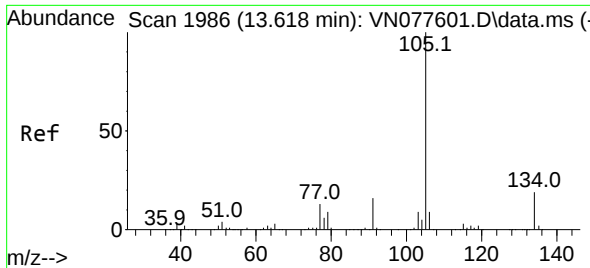
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 18.820 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion:105 Resp: 493934
Ion Ratio Lower Upper
105 100
120 45.8 0.0 88.0





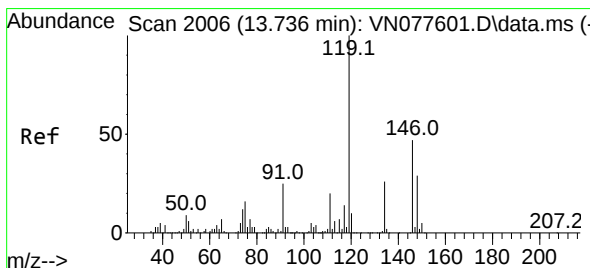
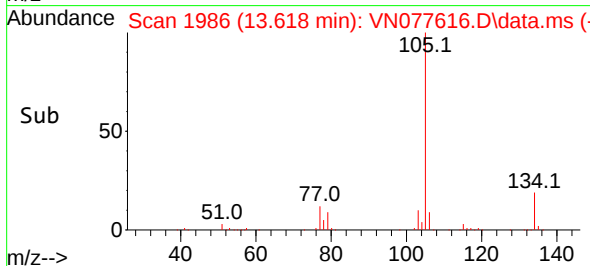
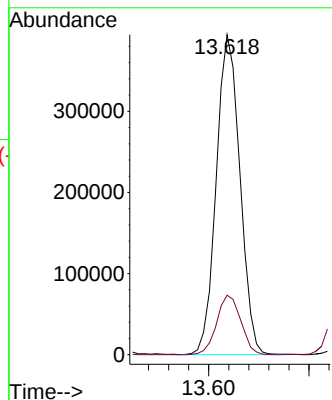
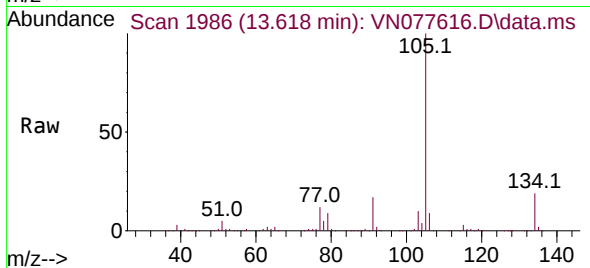
#81
 sec-Butylbenzene
 Concen: 18.994 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01

Tgt Ion:105 Resp: 64570
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 37.8

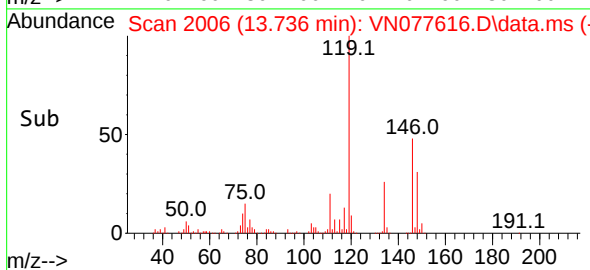
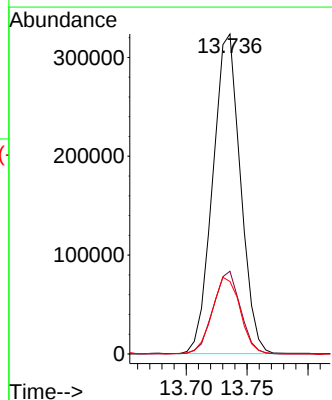
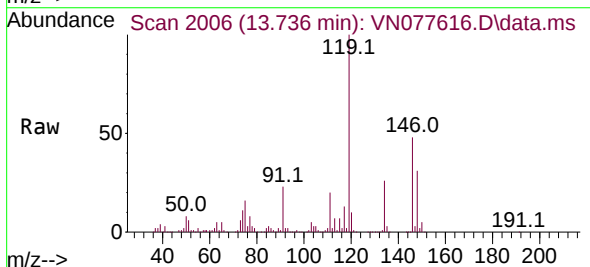
Manual Integrations
 APPROVED

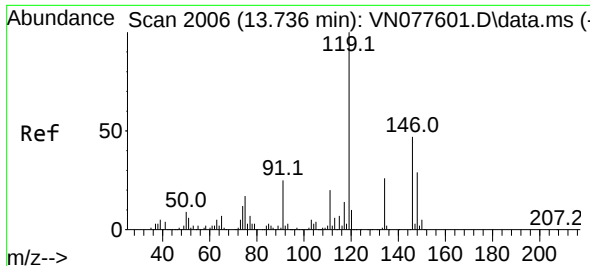
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023



#82
 p-Isopropyltoluene
 Concen: 18.931 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

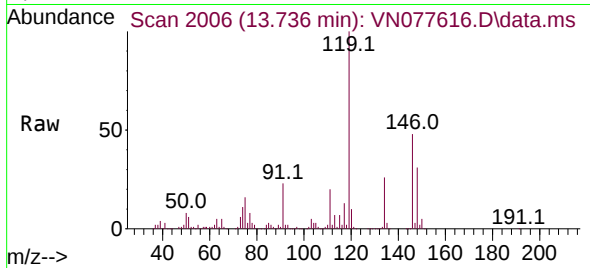
Tgt Ion:119 Resp: 512058
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 52.2
 91 24.5 0.0 51.2





#83
 1,3-Dichlorobenzene
 Concen: 19.232 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

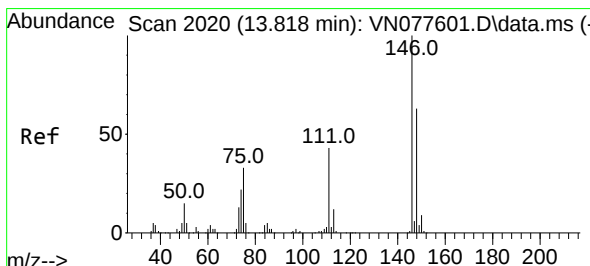
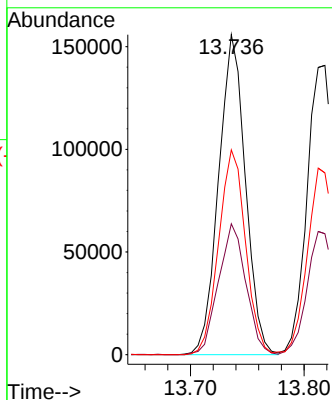
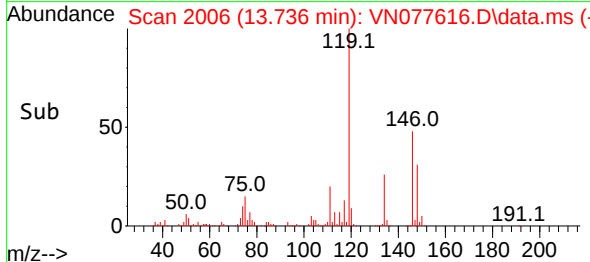
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0508WBSD01



Tgt Ion:146 Resp: 255534
 Ion Ratio Lower Upper
 146 100
 111 41.9 22.1 66.1
 148 64.1 32.5 97.4

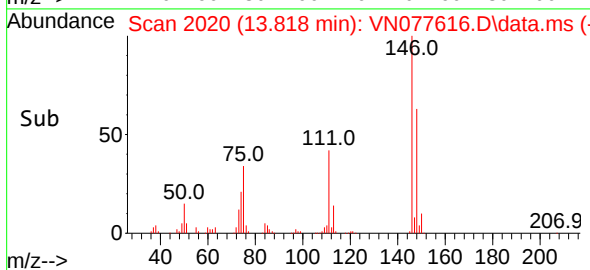
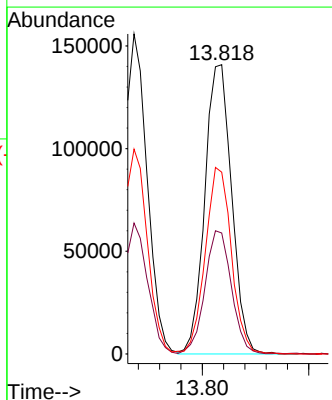
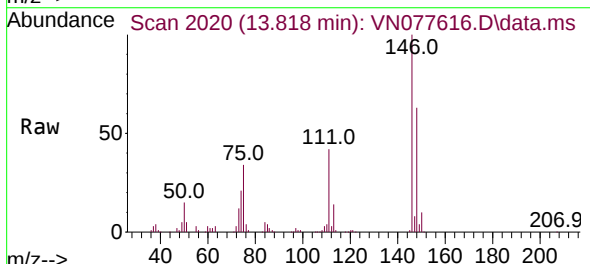
Manual Integrations
 APPROVED

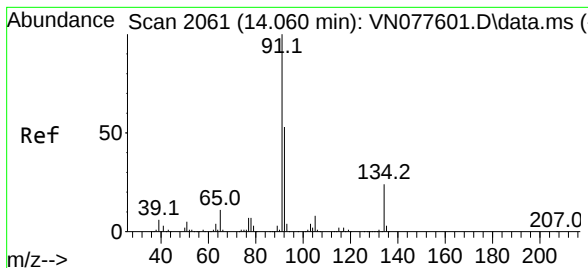
Reviewed By :John Carlone 05/09/2023
 Supervised By :Mahesh Dadoda 05/09/2023



#84
 1,4-Dichlorobenzene
 Concen: 18.977 ug/l
 RT: 13.818 min Scan# 2020
 Delta R.T. 0.000 min
 Lab File: VN077616.D
 Acq: 08 May 2023 14:44

Tgt Ion:146 Resp: 246831
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.8 62.4
 148 63.0 31.1 93.5





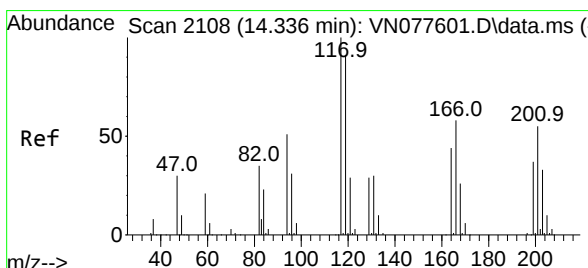
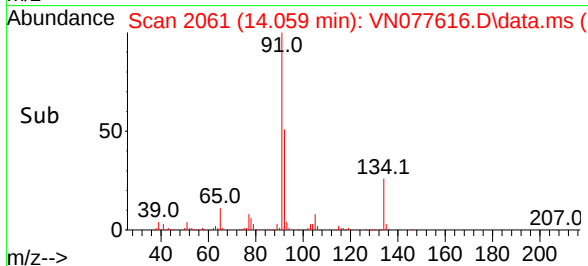
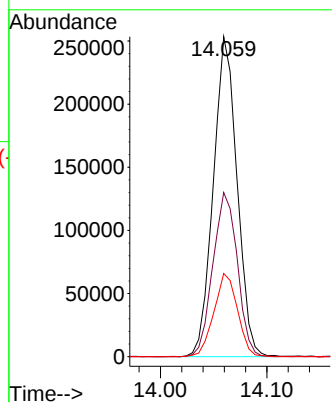
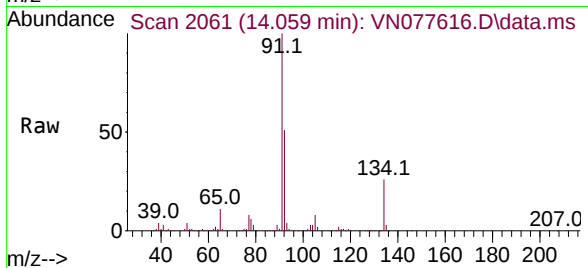
#85
n-Butylbenzene
Concen: 17.622 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01

Tgt Ion: 91 Resp: 39213
Ion Ratio Lower Upper
91 100
92 52.9 0.0 107.0
134 25.8 0.0 50.2

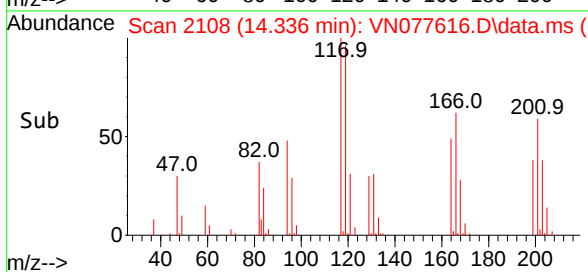
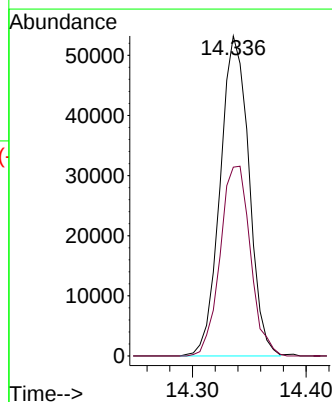
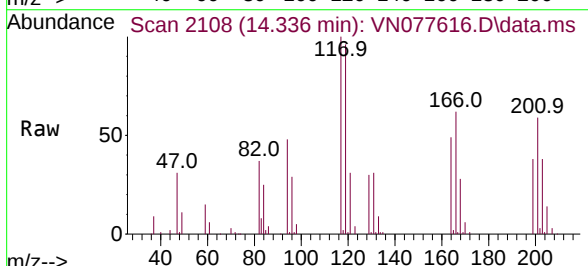
Manual Integrations
APPROVED

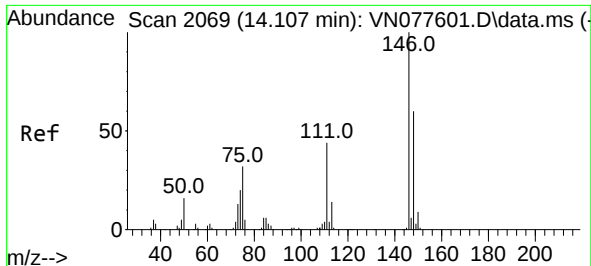
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#86
Hexachloroethane
Concen: 18.560 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

Tgt Ion:117 Resp: 93559
Ion Ratio Lower Upper
117 100
201 62.2 28.1 84.4





#87

1,2-Dichlorobenzene

Concen: 19.890 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

Instrument :

MSVOA_N

ClientSampleId :

VN0508WBSD01

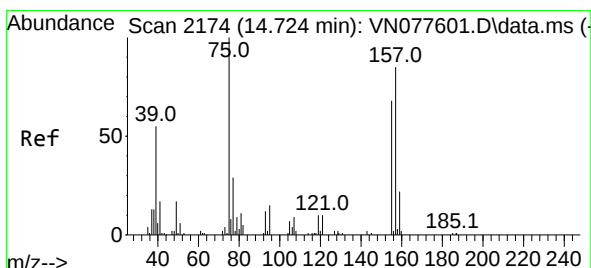
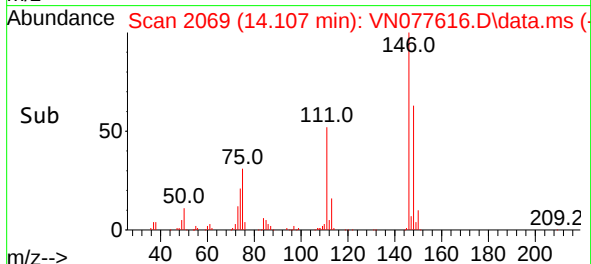
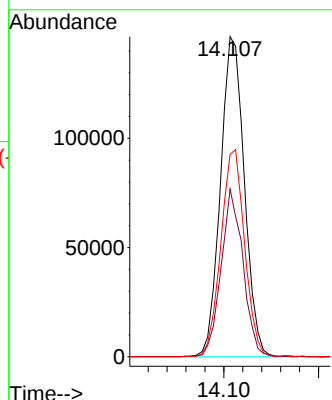
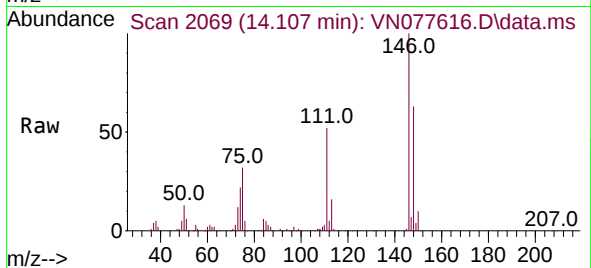
Tgt Ion:	146	Resp:	256524
Ion Ratio	Lower	Upper	
146	100		
111	47.9	22.7	68.0
148	64.4	31.0	93.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 21.670 ug/l

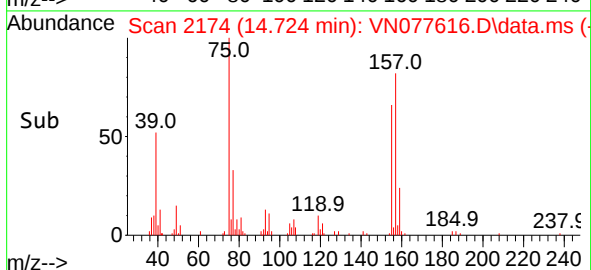
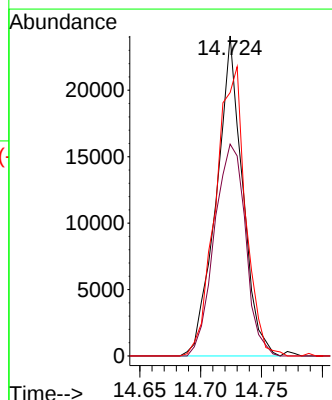
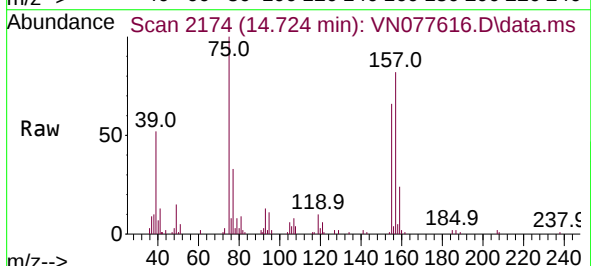
RT: 14.724 min Scan# 2174

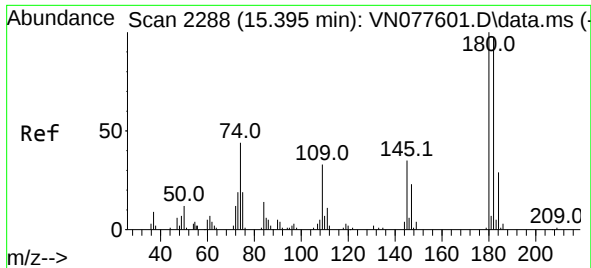
Delta R.T. 0.000 min

Lab File: VN077616.D

Acq: 08 May 2023 14:44

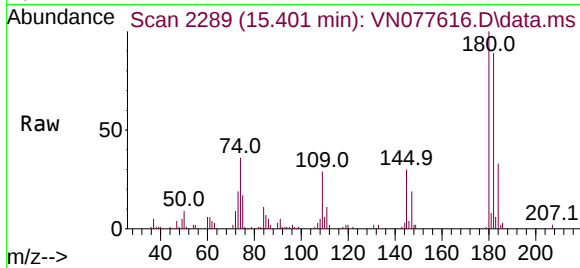
Tgt Ion:	75	Resp:	36137
Ion Ratio	Lower	Upper	
75	100		
155	78.5	63.1	94.7
157	102.3	75.5	113.3





#89
1,2,4-Trichlorobenzene
Concen: 17.161 ug/l
RT: 15.401 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

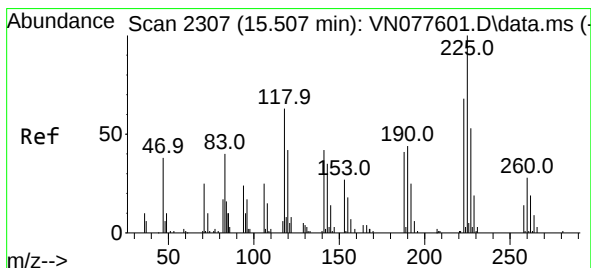
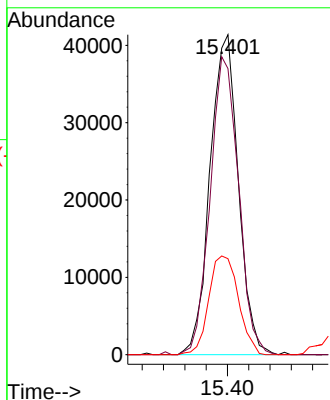
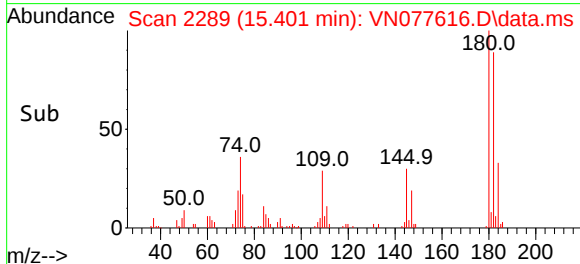
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



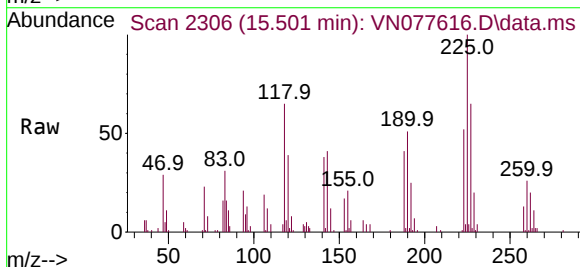
Tgt Ion:180 Resp: 7625
Ion Ratio Lower Upper
180 100
182 93.3 75.1 112.7
145 32.4 28.6 43.0

Manual Integrations
APPROVED

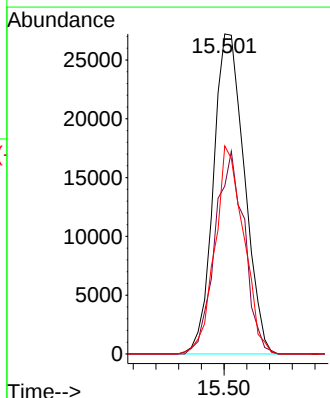
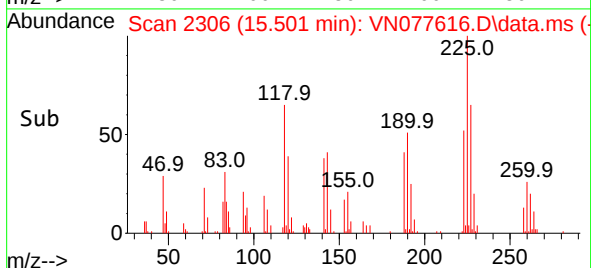
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

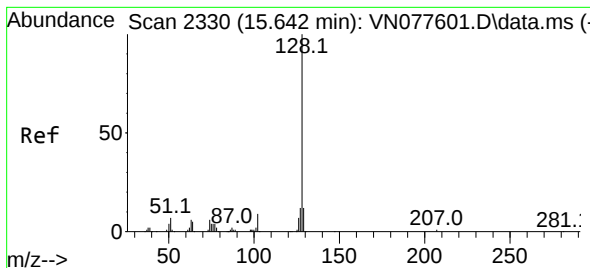


#90
Hexachlorobutadiene
Concen: 20.599 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



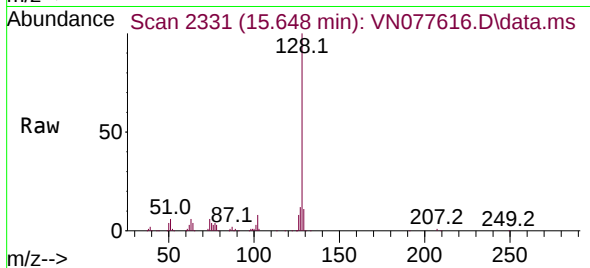
Tgt Ion:225 Resp: 51614
Ion Ratio Lower Upper
225 100
223 59.8 0.0 132.2
227 60.4 0.0 116.2





#91
Naphthalene
Concen: 18.245 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44

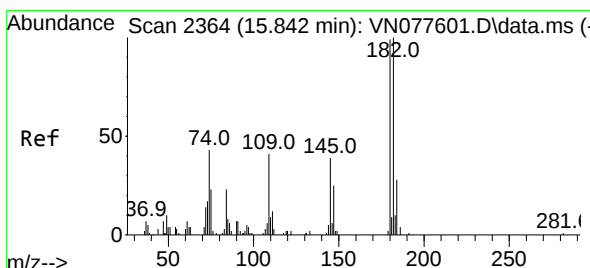
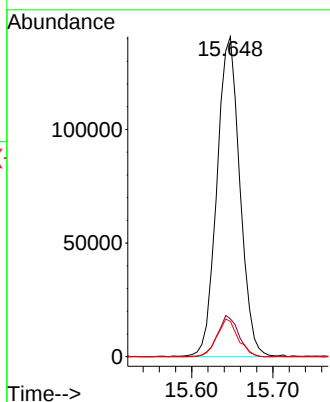
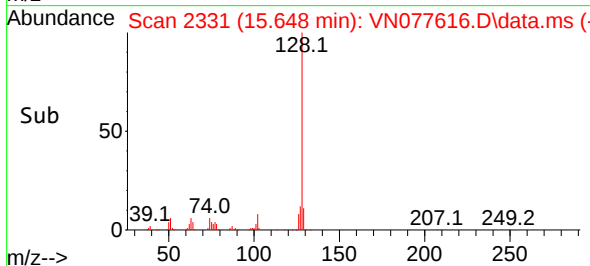
Instrument :
MSVOA_N
ClientSampleId :
VN0508WBSD01



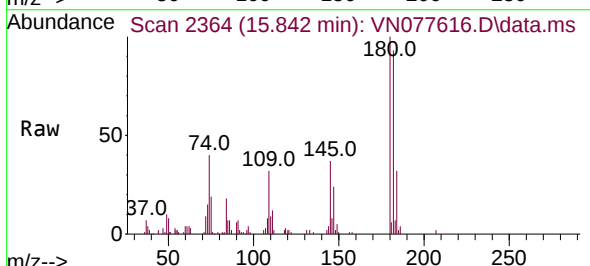
Tgt Ion:128 Resp: 27694
Ion Ratio Lower Upper
128 100
127 12.0 9.6 14.4
129 10.8 9.1 13.7

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 17.423 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077616.D
Acq: 08 May 2023 14:44



Tgt Ion:180 Resp: 71300
Ion Ratio Lower Upper
180 100
182 100.3 0.0 193.4
145 37.9 0.0 78.6

