

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\
 Data File : VN077614.D
 Acq On : 08 May 2023 13:00
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN050823

Manual Integrations
 APPROVED

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

Quant Time: May 09 06:00:03 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	7.819	128	117933	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.107	114	713738	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	631100	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	257548	30.367	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 101.233%			
60) 4-Bromofluorobenzene	12.854	95	297797	29.676	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 98.933%			
63) Toluene-d8	10.566	98	874718	30.009	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.033%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	161703	20.884	ug/l	90
3) Chloromethane	2.372	50	122335	20.790	ug/l	98
4) Vinyl Chloride	2.525	62	176561	19.500	ug/l	98
5) Bromomethane	2.966	94	140357	23.255	ug/l	98
6) Chloroethane	3.131	64	120988	20.453	ug/l	96
7) Trichlorofluoromethane	3.501	101	238063	19.332	ug/l	88
8) Diethyl Ether	3.972	74	84299	21.720	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.378	101	138942	20.903	ug/l	97
10) 1,1-Dichloroethene	4.348	96	128275	20.415	ug/l	90
11) Methyl Iodide	4.595	142	198897	20.352	ug/l	97
12) Methyl Acetate	5.037	43	162299	21.368	ug/l #	82
13) Acrolein	4.190	56	87453	93.996	ug/l	91
14) Acrylonitrile	5.731	53	242732	105.058	ug/l	99
15) Acetone	4.431	58	73226	104.425	ug/l	88
16) Carbon Disulfide	4.719	76	310025	20.540	ug/l	99
17) Allyl chloride	5.037	41	129894	19.915	ug/l	87
18) Methylene Chloride	5.290	84	154497	20.231	ug/l	90
19) trans-1,2-Dichloroethene	5.795	96	145251	20.548	ug/l	97
20) Diisopropyl ether	6.684	45	321644	20.276	ug/l #	86
21) 1,1-Dichloroethane	6.572	63	245086	21.062	ug/l	97
22) cis-1,2-Dichloroethene	7.489	96	177444	20.832	ug/l	90
23) tert-Butyl Alcohol	5.537	59	103154m	113.968	ug/l	
24) Methyl tert-Butyl Ether	5.801	73	443751	20.864	ug/l	96
25) Chloroform	7.972	83	288204	20.779	ug/l	91
26) Cyclohexane	8.260	56	196313	20.551	ug/l #	95
29) 1,1-Dichloropropene	8.378	75	201818	19.642	ug/l	96
30) 2-Butanone	7.489	43	290759	106.164	ug/l	91
31) 2,2-Dichloropropane	7.495	77	241109	20.142	ug/l	98
32) 1,1,1-Trichloroethane	8.172	97	263587	19.822	ug/l	96
33) Carbon Tetrachloride	8.366	117	223116	19.840	ug/l	95
34) Benzene	8.613	78	613625	19.778	ug/l	96
35) Methacrylonitrile	7.784	41	66764	21.477	ug/l	87
36) 1,2-Dichloroethane	8.672	62	206256	19.941	ug/l	100
37) Trichloroethene	9.354	130	156504	19.514	ug/l	97
38) Methylcyclohexane	9.607	83	266714	20.160	ug/l	95
39) 1,2-Dichloropropane	9.625	63	141706	19.728	ug/l	98
40) Dibromomethane	9.713	93	113019	19.958	ug/l	98
41) Bromodichloromethane	9.889	83	224343	19.674	ug/l	97
42) Vinyl Acetate	6.613	43	993104m	97.753	ug/l	

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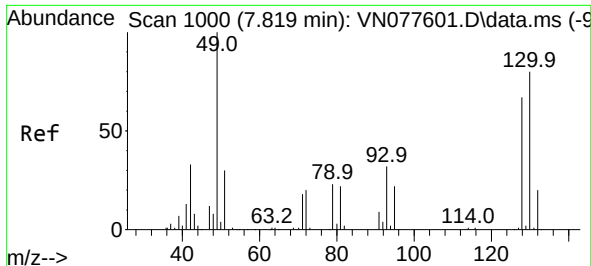
Manual Integrations
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Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

Quant Time: May 09 06:00:03 2023
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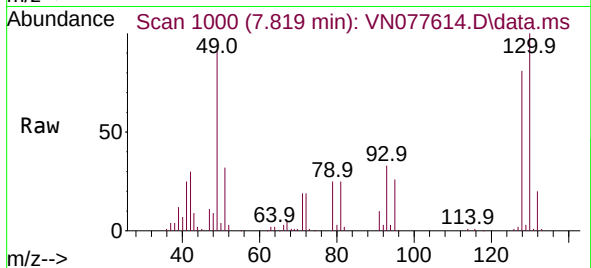
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	119680	20.333	ug/l #	92
44) Isopropyl Acetate	8.695	43	220259m	20.438	ug/l	
45) 1,4-Dioxane	9.695	88	59429	443.620	ug/l #	72
46) Methyl methacrylate	9.683	41	99139	20.483	ug/l	85
47) n-amyl Acetate	12.495	43	186262	20.068	ug/l	95
48) t-1,3-Dichloropropene	10.836	75	223188	19.414	ug/l	100
49) cis-1,3-Dichloropropene	10.313	75	244181	19.379	ug/l	95
50) 1,1,2-Trichloroethane	11.019	97	160731	19.709	ug/l	91
51) Ethyl methacrylate	10.877	69	216461	20.561	ug/l	89
52) 1,3-Dichloropropane	11.166	76	260719	19.773	ug/l	99
53) Dibromochloromethane	11.360	129	164343	19.369	ug/l	100
54) 1,2-Dibromoethane	11.472	107	161206	19.900	ug/l	99
55) 2-Chloroethyl vinyl ether	10.160	63	484224	101.714	ug/l	97
56) Bromoform	12.583	173	99683	19.966	ug/l	98
58) 4-Methyl-2-Pentanone	10.448	43	618608	106.441	ug/l #	92
59) 2-Hexanone	11.195	43	451417	107.601	ug/l	94
61) Tetrachloroethene	11.107	164	124725	20.432	ug/l	96
62) Toluene	10.630	91	715885	20.489	ug/l	99
64) Chlorobenzene	11.895	112	435607	20.272	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.960	131	159440	20.568	ug/l	96
66) Ethyl Benzene	11.966	91	787237	20.334	ug/l	97
67) m/p-Xylenes	12.071	106	622126	40.843	ug/l	97
68) o-Xylene	12.401	106	303948	20.248	ug/l	97
69) Styrene	12.413	104	488787	20.364	ug/l	98
70) Isopropylbenzene	12.695	105	796307	20.424	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.942	83	212352	20.310	ug/l	98
72) 1,2,3-Trichloropropane	12.995	75	157679m	18.124	ug/l	
73) Bromobenzene	12.983	156	164429	20.169	ug/l	91
74) n-propylbenzene	13.036	91	883920	20.276	ug/l	98
75) 2-Chlorotoluene	13.124	91	534725	20.281	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	634313	20.586	ug/l	99
77) t-1,4-Dichloro-2-butene	12.742	75	60280	19.889	ug/l	89
78) 4-Chlorotoluene	13.224	91	512430	19.905	ug/l	98
79) tert-butylbenzene	13.442	119	568961	20.618	ug/l	96
80) 1,2,4-Trimethylbenzene	13.489	105	604975	20.231	ug/l	99
81) sec-Butylbenzene	13.618	105	798232	20.608	ug/l	98
82) p-Isopropyltoluene	13.730	119	629186	20.415	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	296851	19.608	ug/l	99
84) 1,4-Dichlorobenzene	13.813	146	294458	19.868	ug/l	99
85) n-Butylbenzene	14.060	91	498242	19.651	ug/l	99
86) Hexachloroethane	14.336	117	117334	20.428	ug/l	93
87) 1,2-Dichlorobenzene	14.107	146	291178	19.814	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.724	75	39310	20.689	ug/l	95
89) 1,2,4-Trichlorobenzene	15.395	180	91228	18.018	ug/l	96
90) Hexachlorobutadiene	15.507	225	61702	21.612	ug/l	95
91) Naphthalene	15.648	128	328696	19.005	ug/l	98
92) 1,2,3-Trichlorobenzene	15.842	180	85918	18.426	ug/l	99

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.819 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

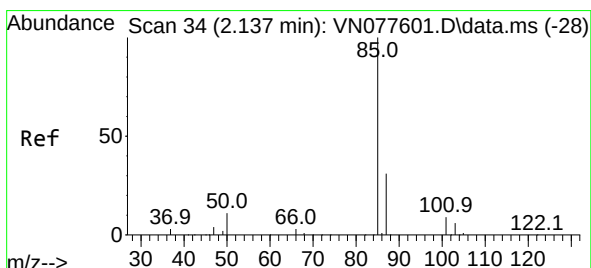
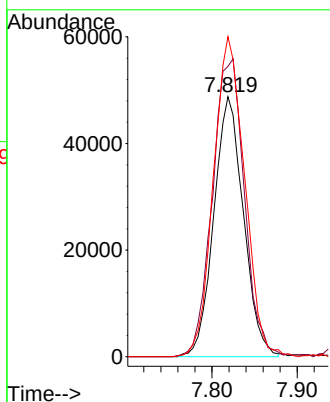
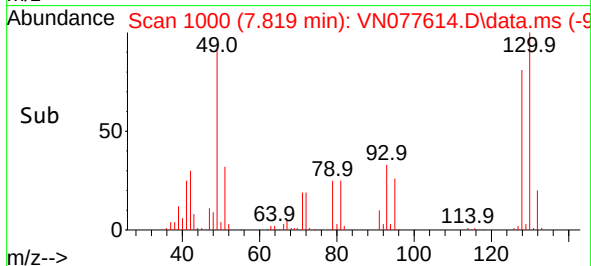
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



Tgt Ion:128 Resp: 11793
Ion Ratio Lower Upper
128 100
49 123.7 0.0 369.8
130 128.2 0.0 317.8

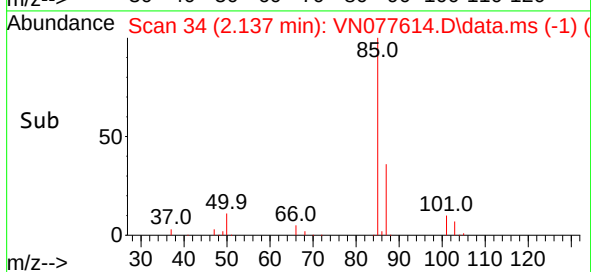
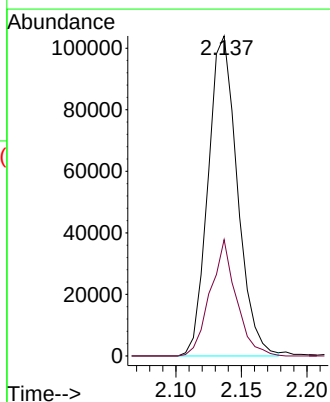
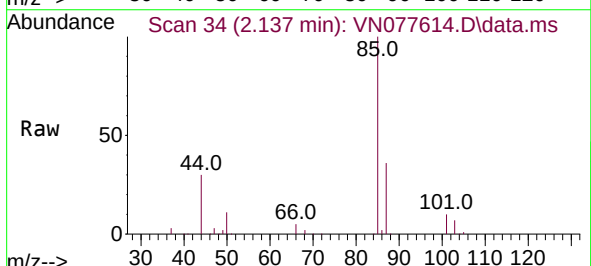
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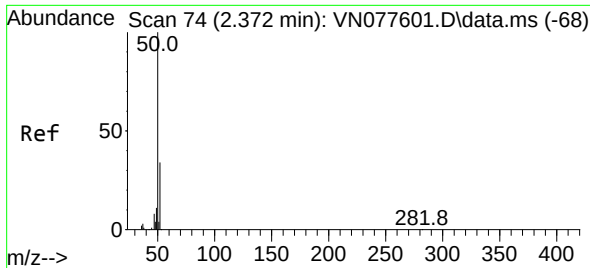
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#2
Dichlorodifluoromethane
Concen: 20.884 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

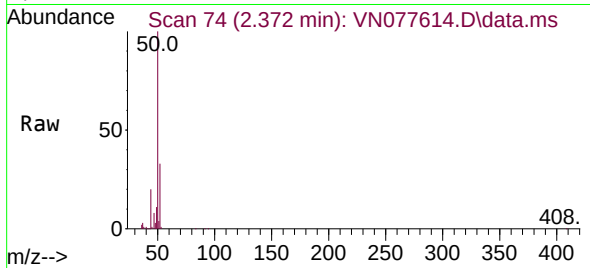
Tgt Ion: 85 Resp: 161703
Ion Ratio Lower Upper
85 100
87 36.3 15.3 45.9





#3
Chloromethane
Concen: 20.790 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

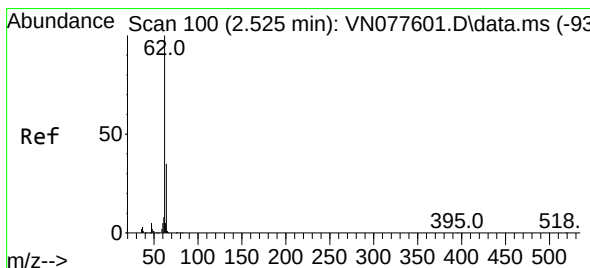
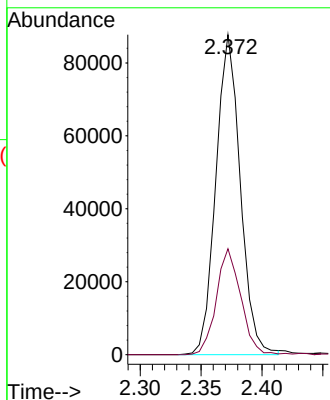
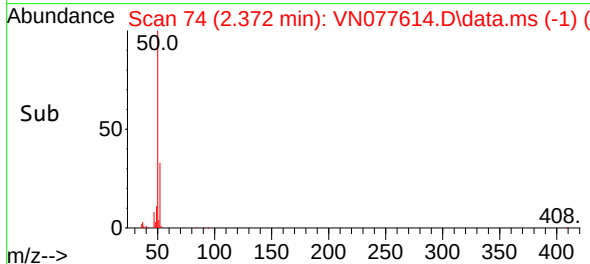
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



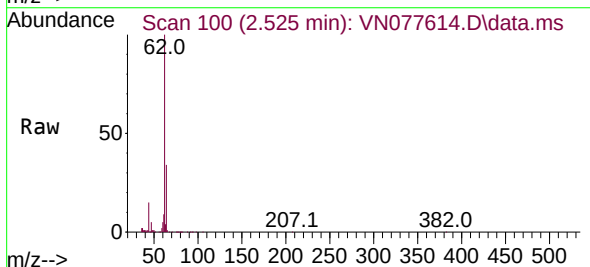
Tgt Ion: 50 Resp: 122335
Ion Ratio Lower Upper
50 100
52 33.1 27.3 40.9

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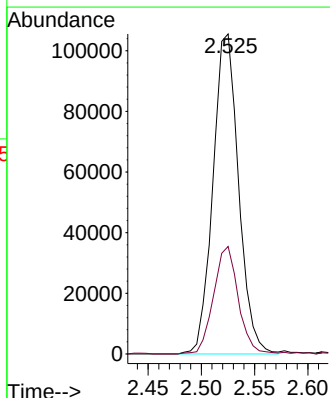
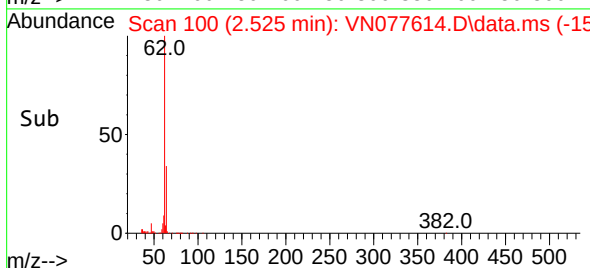
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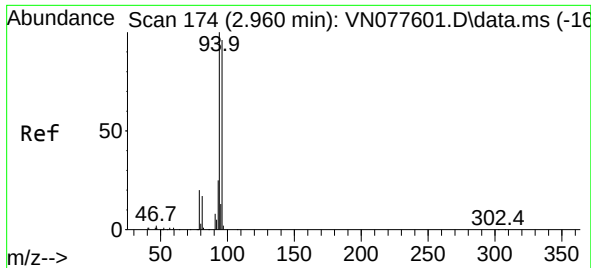


#4
Vinyl Chloride
Concen: 19.500 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



Tgt Ion: 62 Resp: 176561
Ion Ratio Lower Upper
62 100
64 33.7 27.8 41.6





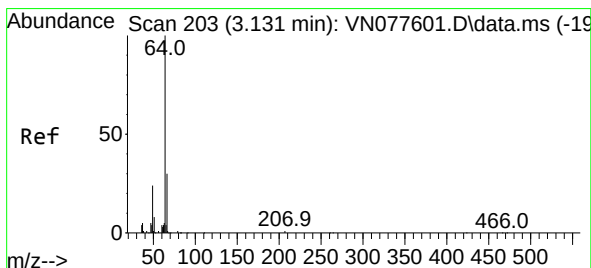
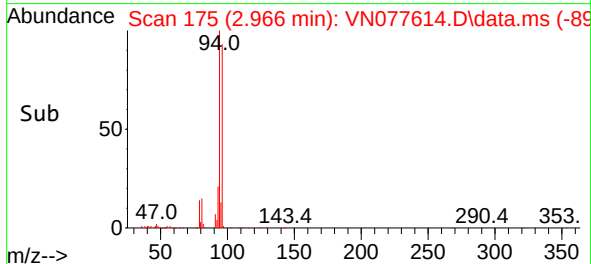
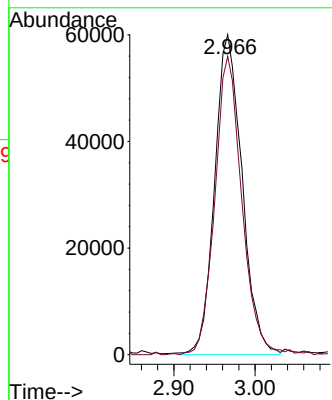
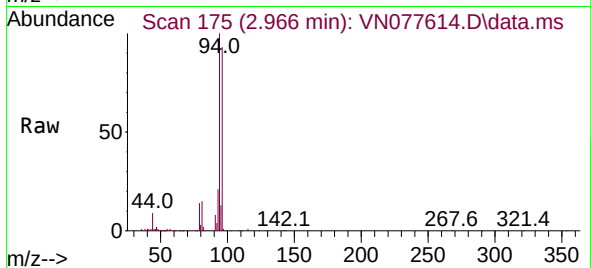
#5
Bromomethane
Concen: 23.255 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 14035
Ion Ratio Lower Upper
94 100
96 93.7 76.7 115.1

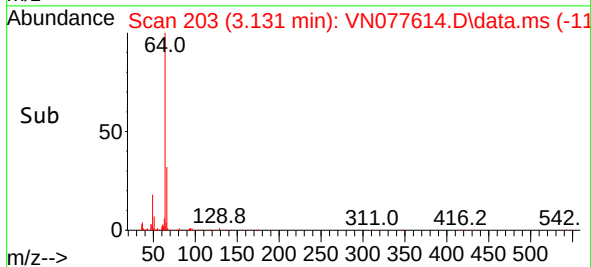
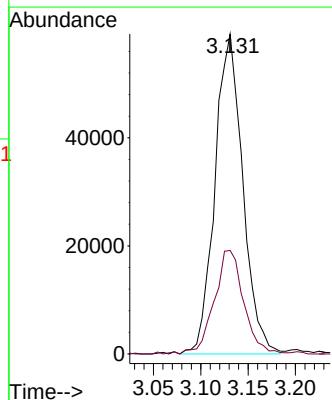
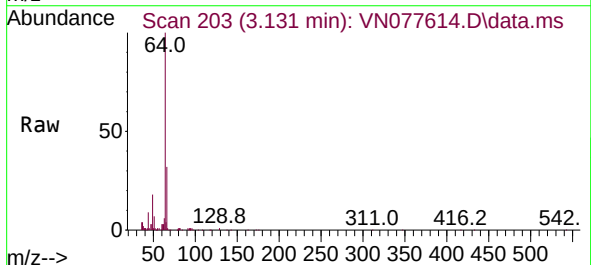
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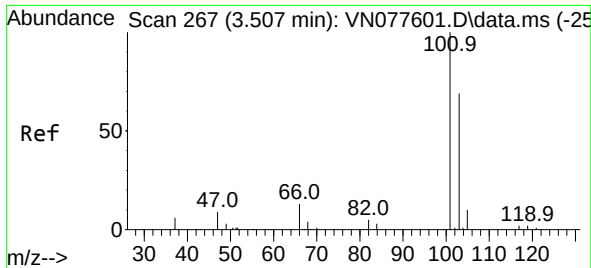
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#6
Chloroethane
Concen: 20.453 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion: 64 Resp: 120988
Ion Ratio Lower Upper
64 100
66 32.3 24.2 36.4





#7
Trichlorofluoromethane
Concen: 19.332 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

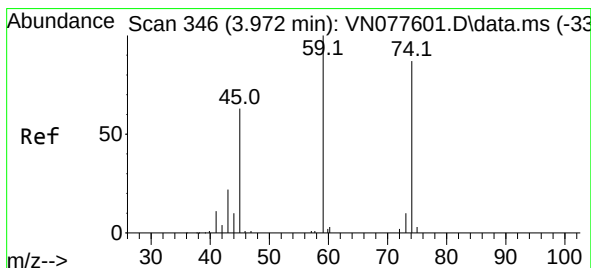
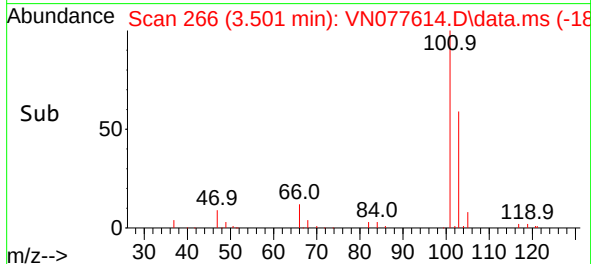
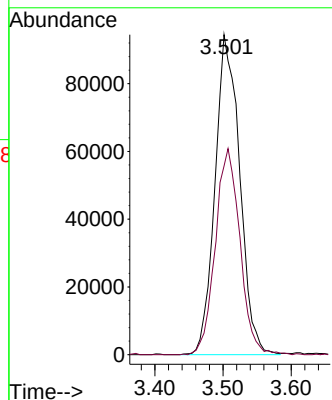
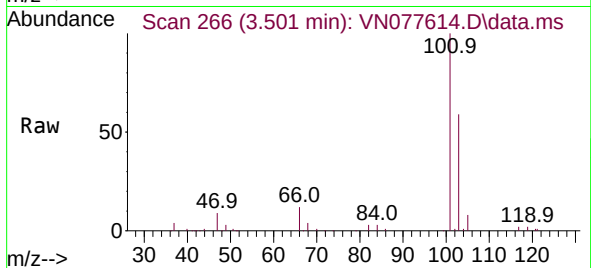
ICVVN050823

Tgt Ion:101 Resp: 23806
Ion Ratio Lower Upper
101 100
103 59.0 55.0 82.4

Manual Integrations

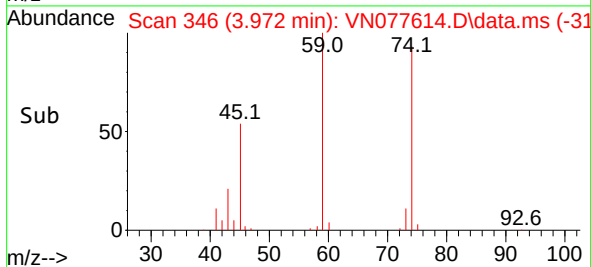
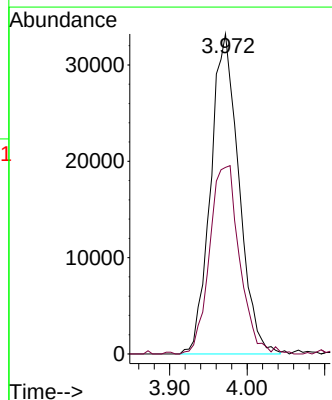
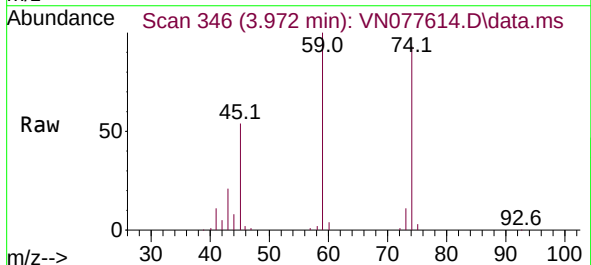
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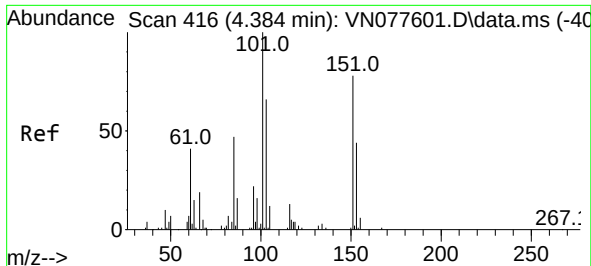
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#8
Diethyl Ether
Concen: 21.720 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion: 74 Resp: 84299
Ion Ratio Lower Upper
74 100
45 61.9 14.8 133.2





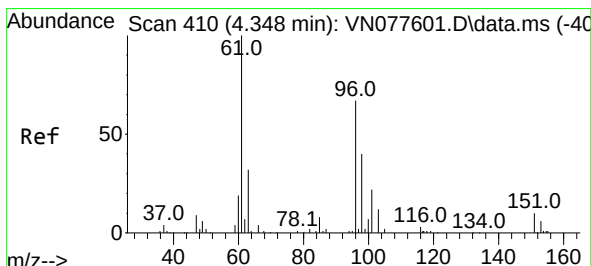
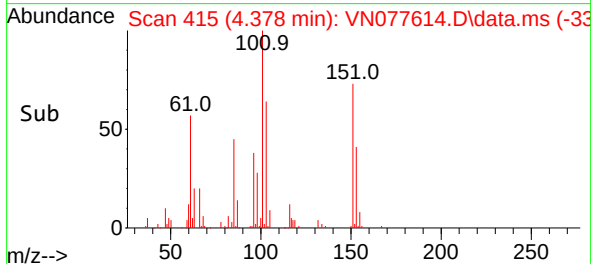
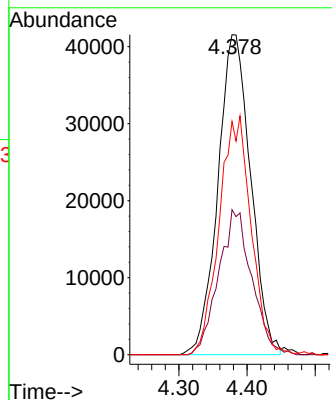
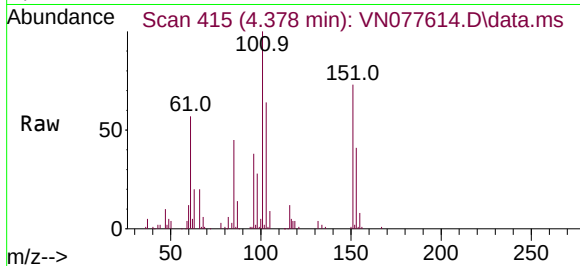
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.903 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion:101 Resp: 13894
Ion Ratio Lower Upper
101 100
85 45.7 0.0 92.6
151 72.6 0.0 137.4

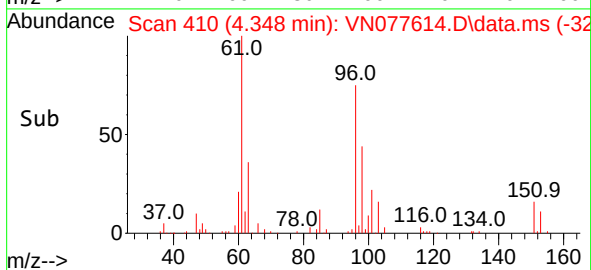
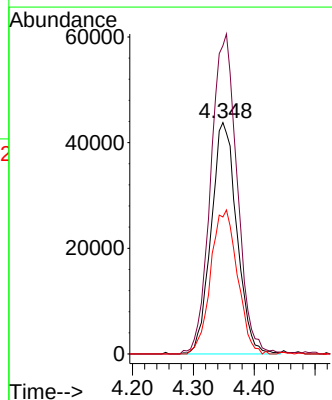
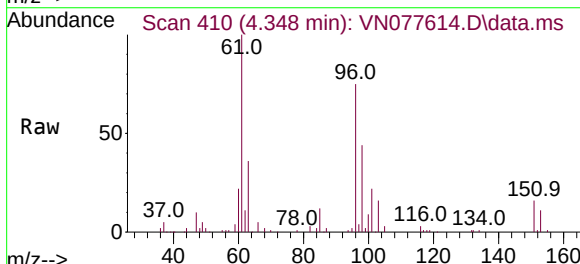
Manual Integrations
APPROVED

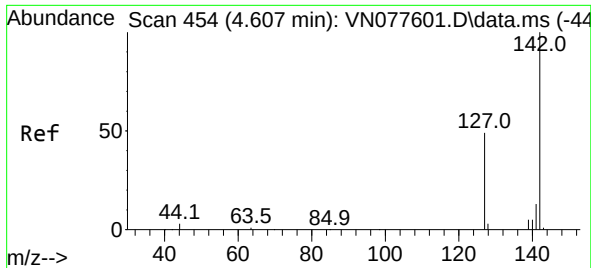
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#10
1,1-Dichloroethene
Concen: 20.415 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion: 96 Resp: 128275
Ion Ratio Lower Upper
96 100
61 133.2 120.1 180.1
98 59.2 48.3 72.5





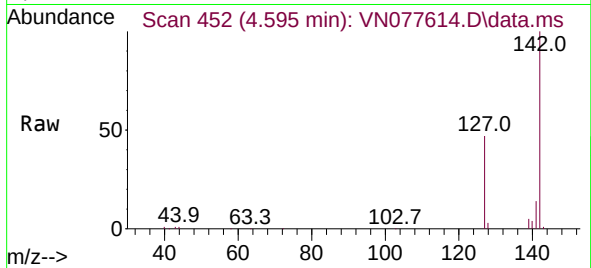
#11
Methyl Iodide
Concen: 20.352 ug/l
RT: 4.595 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050823



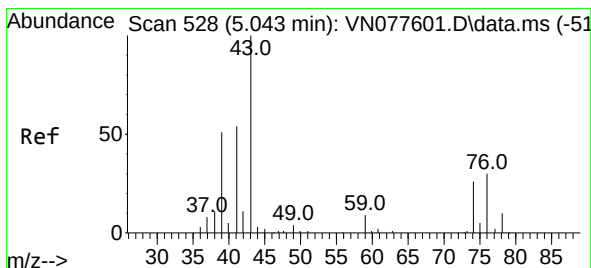
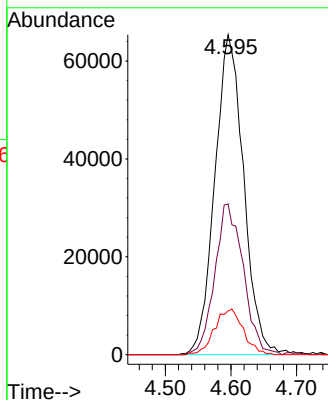
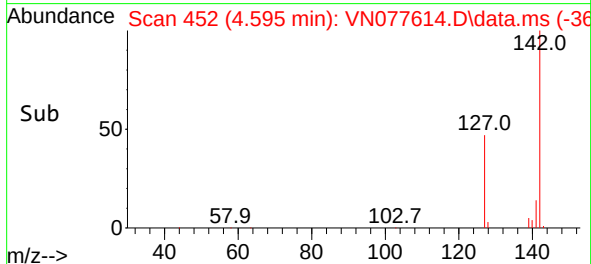
Tgt Ion:142 Resp: 19889
Ion Ratio Lower Upper
142 100
127 46.9 24.6 73.6
141 13.7 6.4 19.2

Manual Integrations

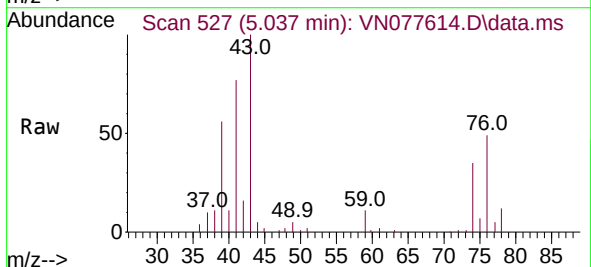
APPROVED

Reviewed By :John Carlone 05/09/2023

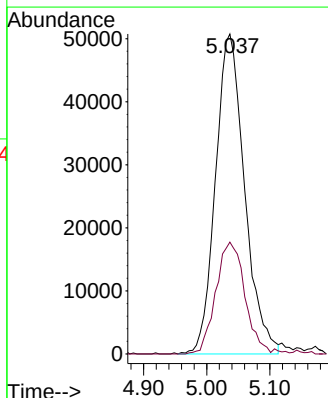
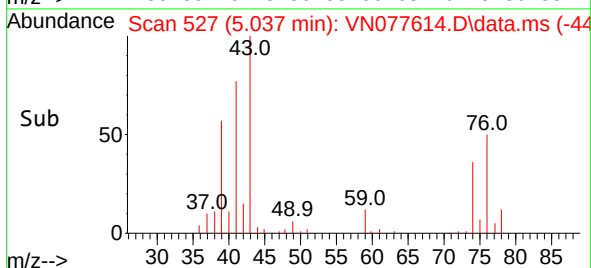
Supervised By :Mahesh Dadoda 05/09/2023

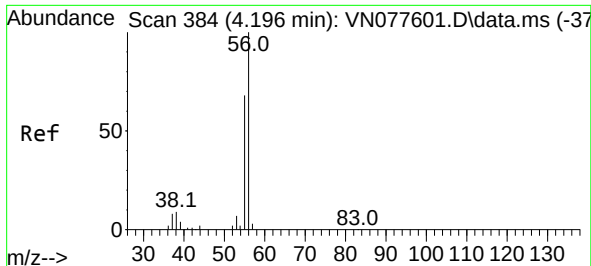


#12
Methyl Acetate
Concen: 21.368 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



Tgt Ion: 43 Resp: 162299
Ion Ratio Lower Upper
43 100
74 35.0 20.6 31.0#





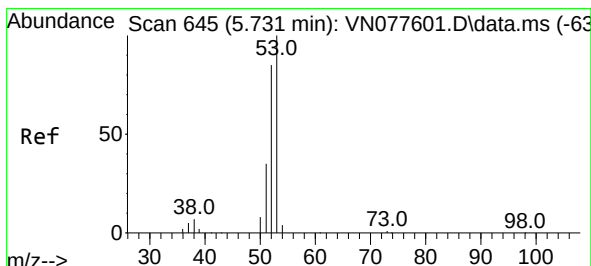
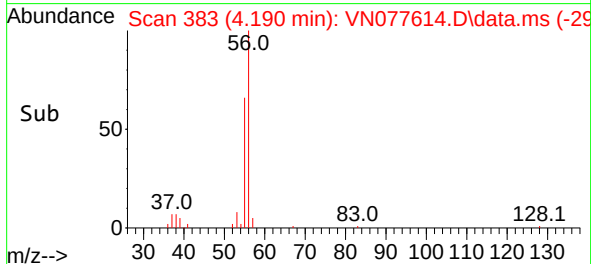
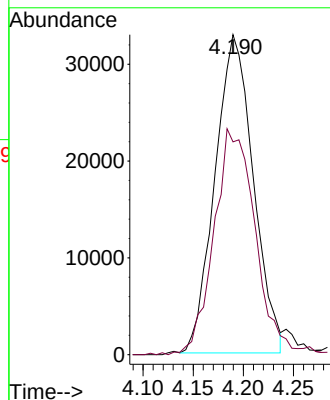
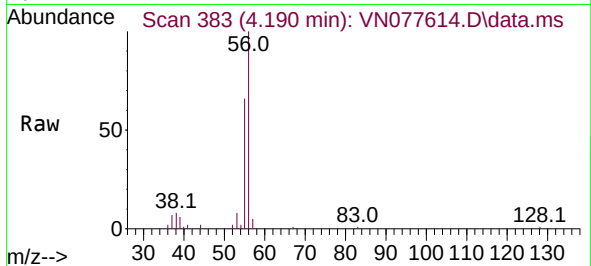
#13
Acrolein
Concen: 93.996 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion: 56 Resp: 8745
Ion Ratio Lower Upper
56 100
55 75.8 54.8 82.2

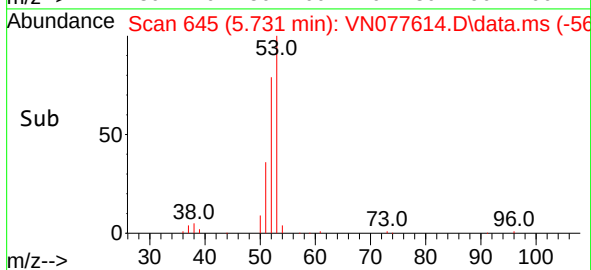
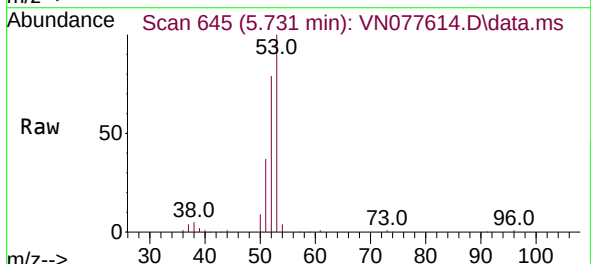
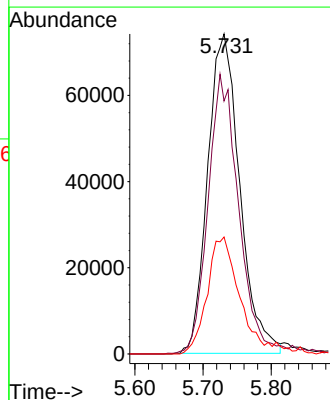
Manual Integrations
APPROVED

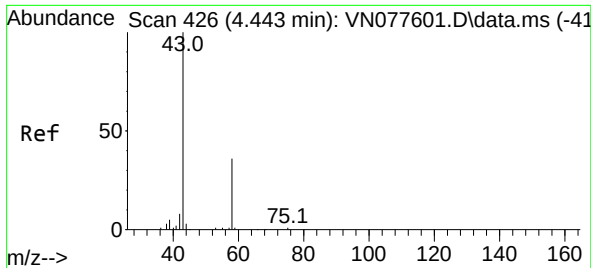
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#14
Acrylonitrile
Concen: 105.058 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

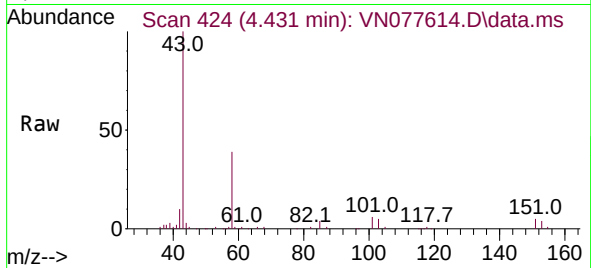
Tgt Ion: 53 Resp: 242732
Ion Ratio Lower Upper
53 100
52 83.2 41.6 124.8
51 36.6 17.6 52.9





#15
Acetone
Concen: 104.425 ug/l
RT: 4.431 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

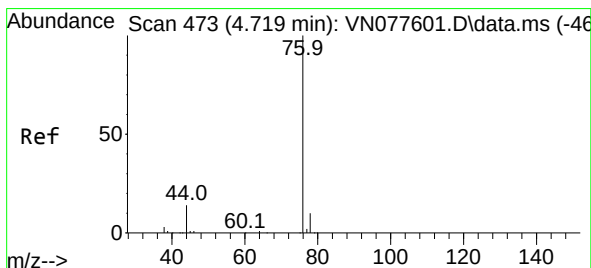
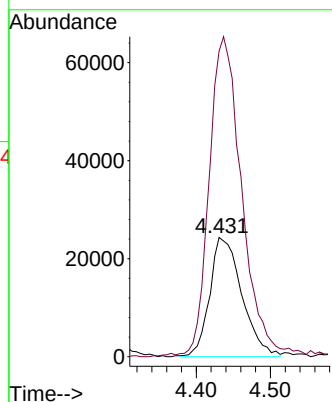
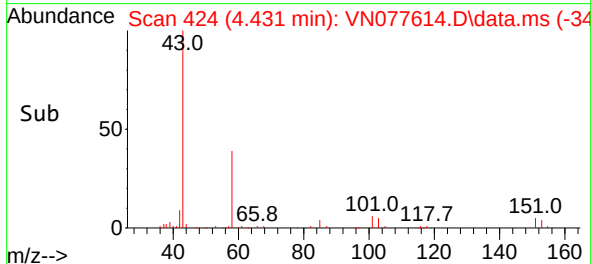
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



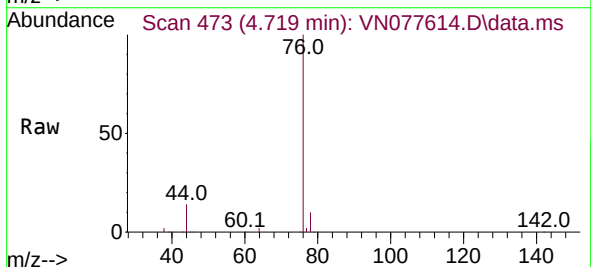
Tgt Ion: 58 Resp: 73220
Ion Ratio Lower Upper
58 100
43 255.7 223.2 334.8

Manual Integrations
APPROVED

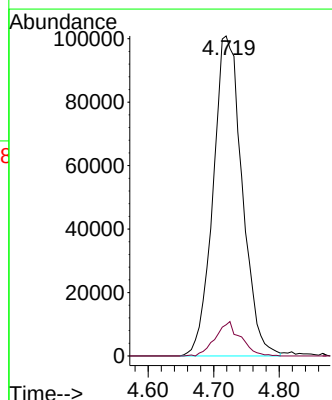
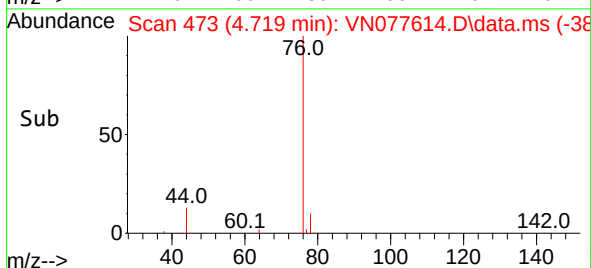
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

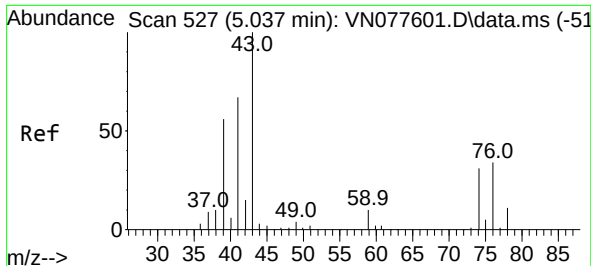


#16
Carbon Disulfide
Concen: 20.540 ug/l
RT: 4.719 min Scan# 473
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



Tgt Ion: 76 Resp: 310025
Ion Ratio Lower Upper
76 100
78 9.8 7.6 11.4





#17

Allyl chloride

Concen: 19.915 ug/l

RT: 5.037 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077614.D

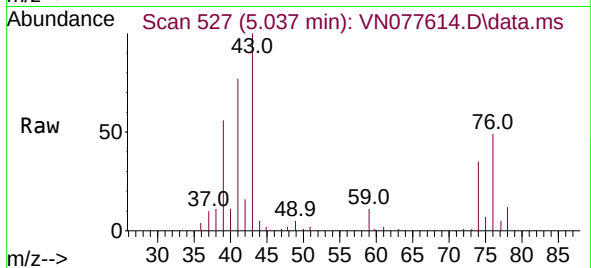
Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050823



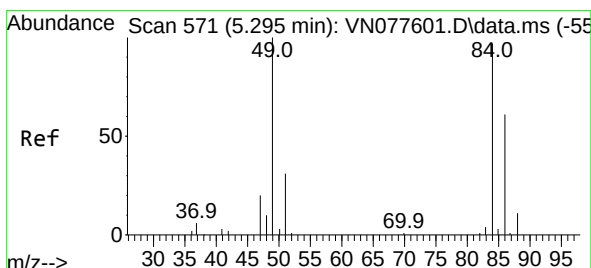
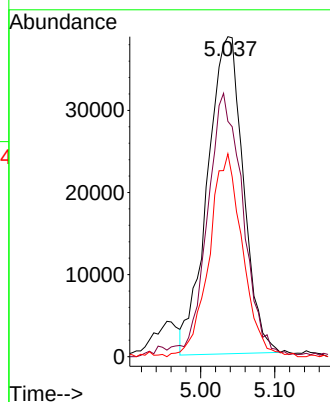
Tgt Ion:	41	Resp:	129894
Ion Ratio	Lower	Upper	
41	100		
39	73.4	39.5	118.3
76	62.8	23.4	70.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#18

Methylene Chloride

Concen: 20.231 ug/l

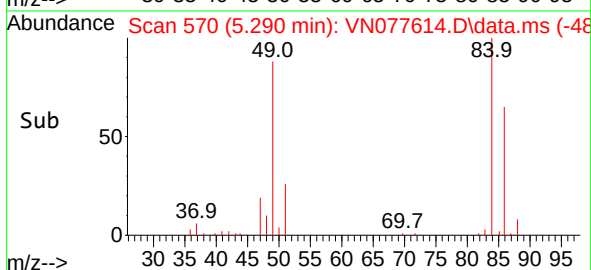
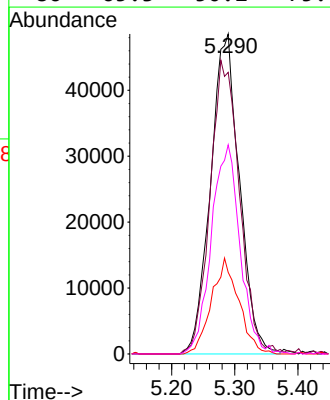
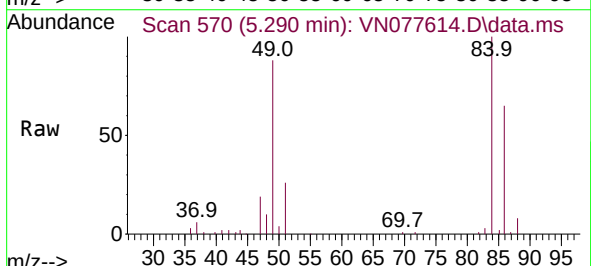
RT: 5.290 min Scan# 570

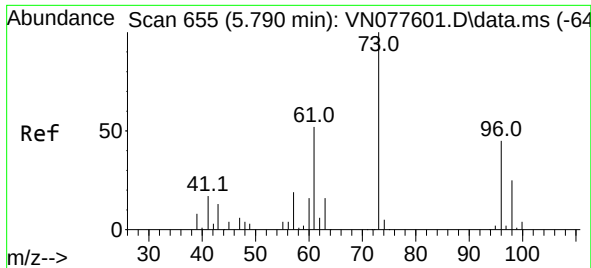
Delta R.T. -0.005 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

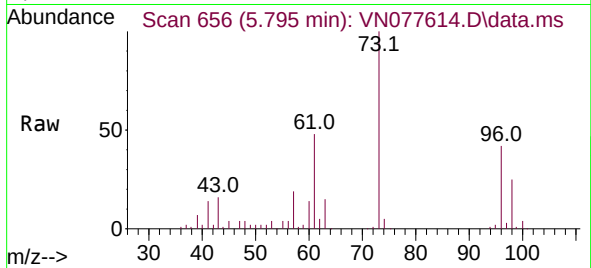
Tgt Ion:	84	Resp:	154497
Ion Ratio	Lower	Upper	
84	100		
49	88.0	82.4	123.6
51	25.5	25.1	37.7
86	65.3	50.2	75.4





#19
trans-1,2-Dichloroethene
Concen: 20.548 ug/l
RT: 5.795 min Scan# 614
Delta R.T. 0.005 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

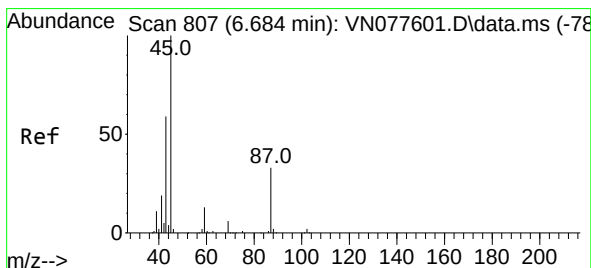
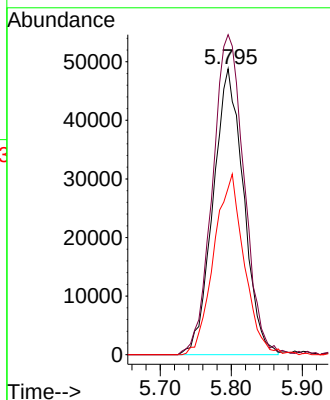
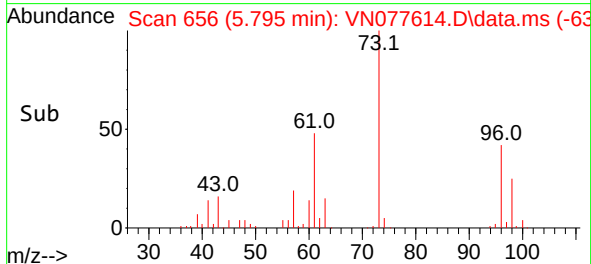
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



Tgt Ion: 96 Resp: 14525
Ion Ratio Lower Upper
96 100
61 111.9 92.4 138.6
98 58.2 44.8 67.2

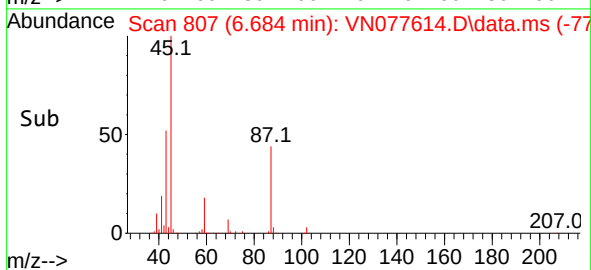
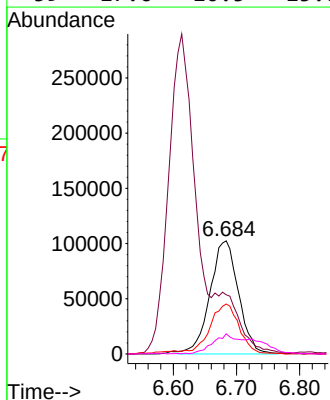
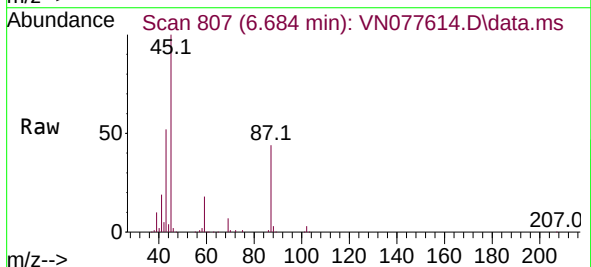
Manual Integrations
APPROVED

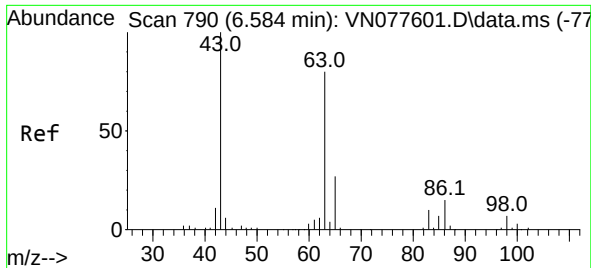
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#20
Diisopropyl ether
Concen: 20.276 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

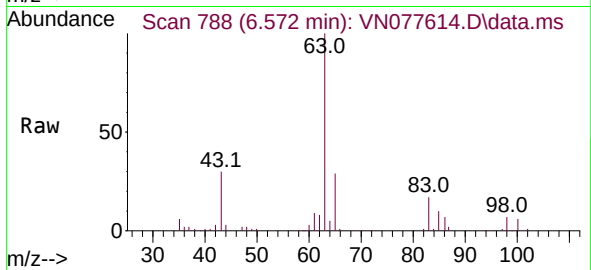
Tgt Ion: 45 Resp: 321644
Ion Ratio Lower Upper
45 100
43 50.9 47.1 70.7
87 44.0 26.2 39.2#
59 17.6 10.5 15.7#





#21
1,1-Dichloroethane
Concen: 21.062 ug/l
RT: 6.572 min Scan# 790
Delta R.T. -0.012 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

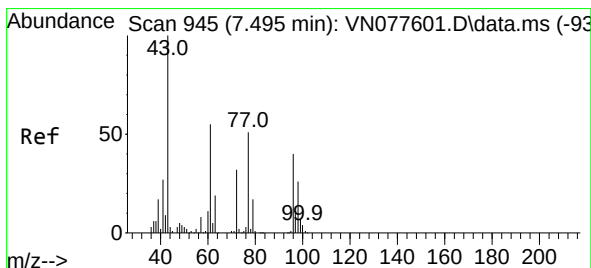
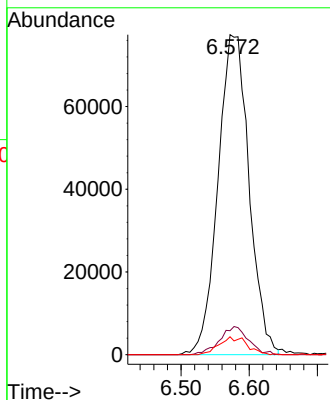
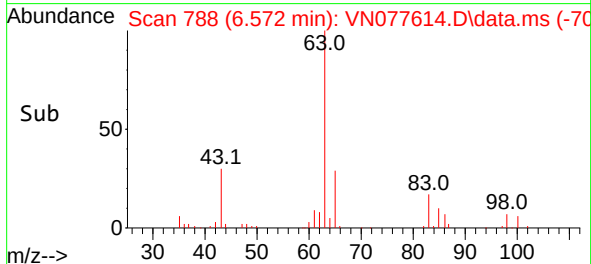
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



Tgt Ion: 63 Resp: 245086
Ion Ratio Lower Upper
63 100
98 7.5 4.3 13.1
100 5.6 2.3 6.8

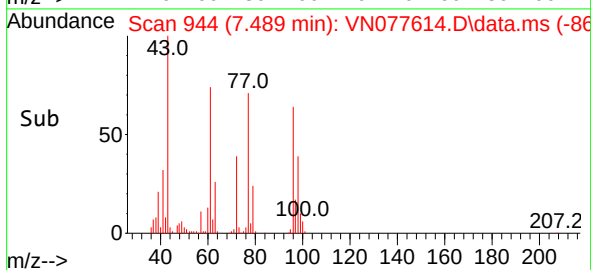
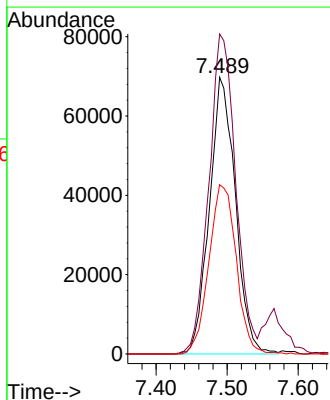
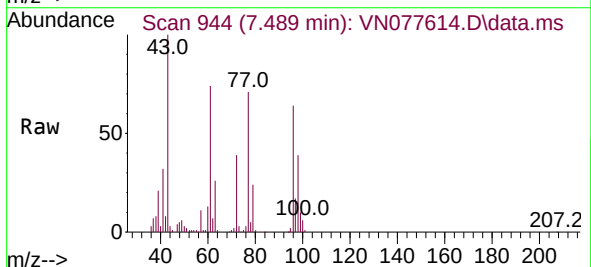
Manual Integrations
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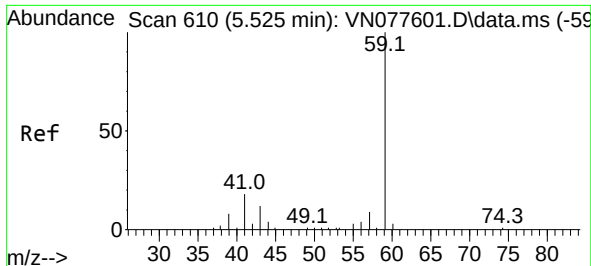
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#22
cis-1,2-Dichloroethene
Concen: 20.832 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion: 96 Resp: 177444
Ion Ratio Lower Upper
96 100
61 119.4 109.4 164.0
98 64.1 51.2 76.8





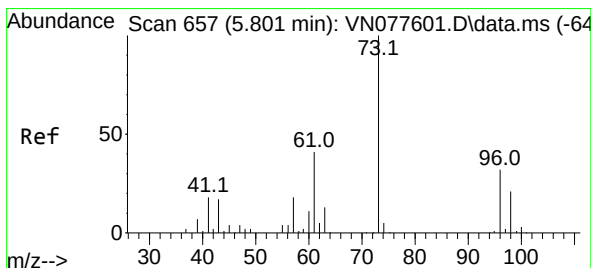
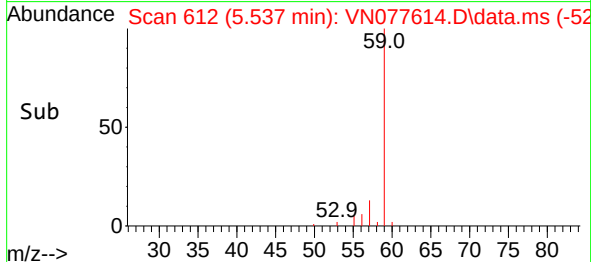
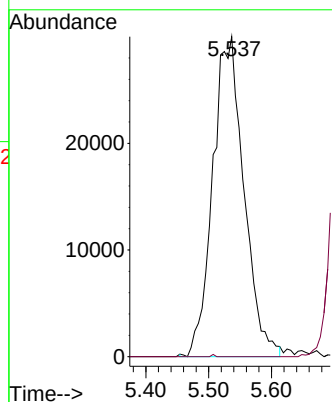
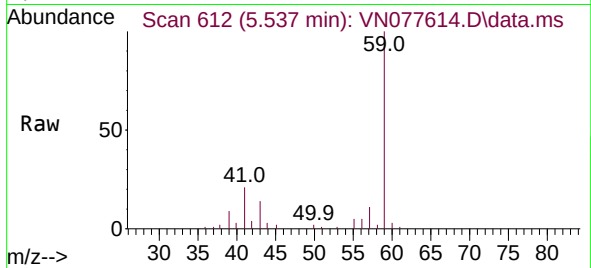
#23
tert-Butyl Alcohol
Concen: 113.968 ug/l m
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion: 59 Resp: 103154
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

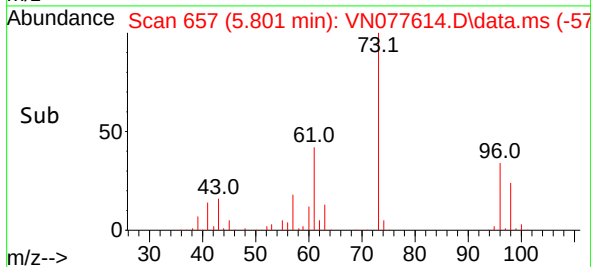
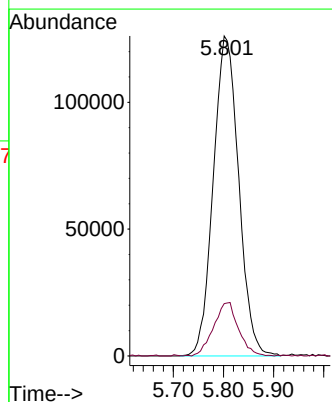
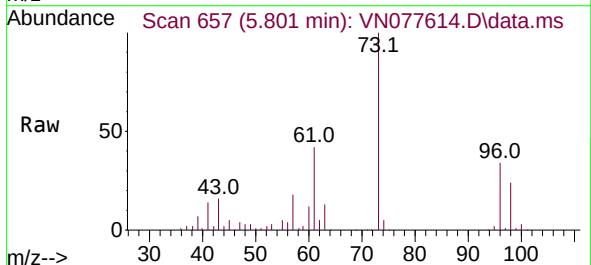
Manual Integrations
APPROVED

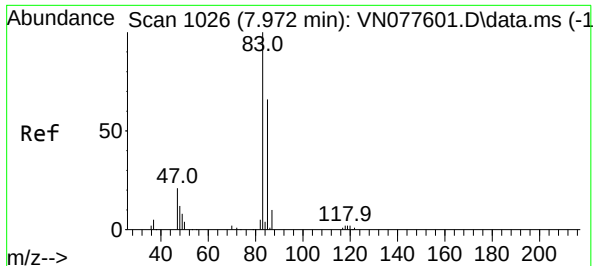
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#24
Methyl tert-Butyl Ether
Concen: 20.864 ug/l
RT: 5.801 min Scan# 657
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion: 73 Resp: 443751
Ion Ratio Lower Upper
73 100
43 16.3 14.3 21.5





#25

Chloroform

Concen: 20.779 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

ICV050823

Tgt Ion: 83 Resp: 288204

Ion Ratio Lower Upper

83 100

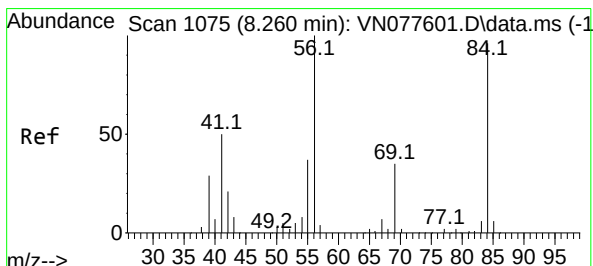
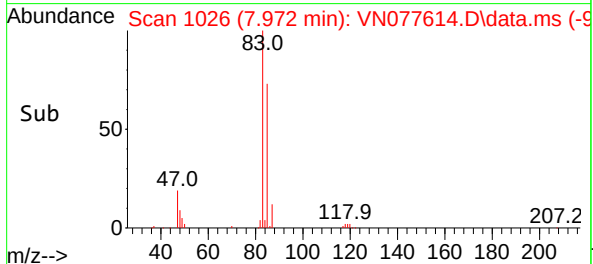
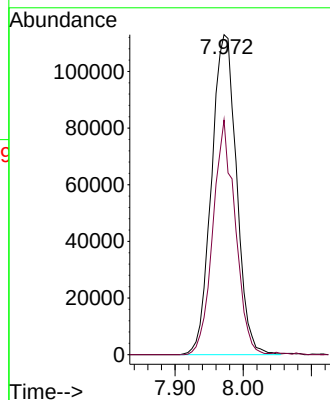
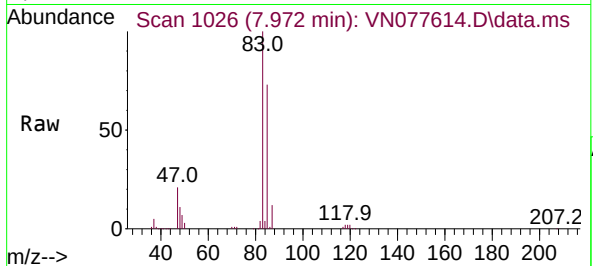
85 73.3 53.0 79.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#26

Cyclohexane

Concen: 20.551 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

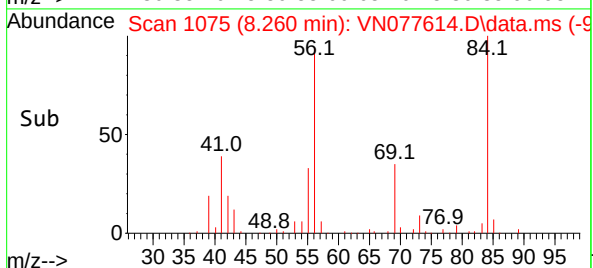
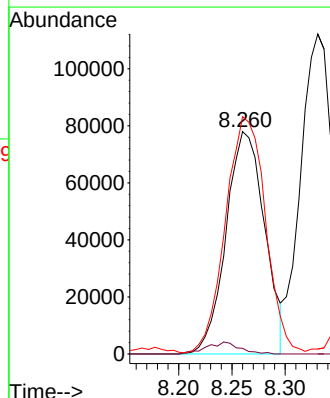
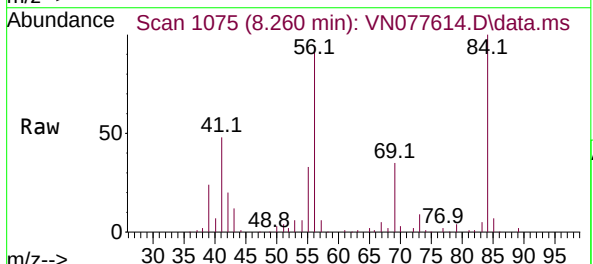
Tgt Ion: 56 Resp: 196313

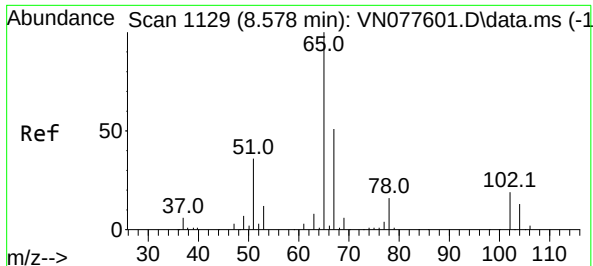
Ion Ratio Lower Upper

56 100

89 4.6 0.0 0.0#

84 111.1 84.6 126.8





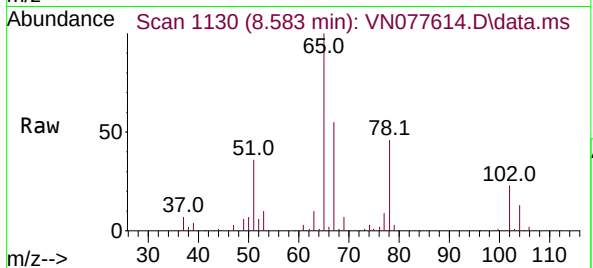
#27
1,2-Dichloroethane-d4
Concen: 30.367 ug/l
RT: 8.583 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050823



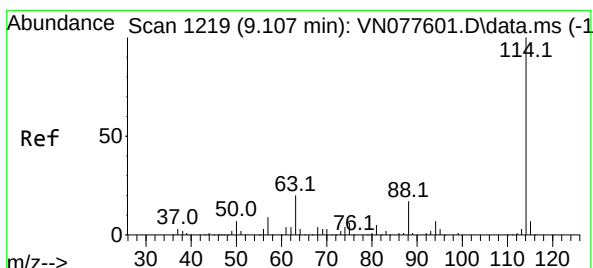
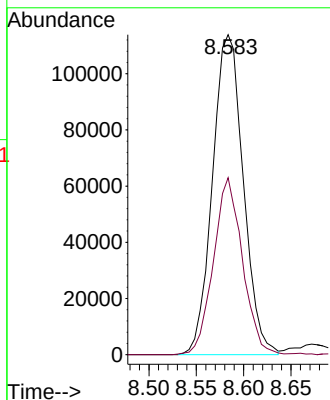
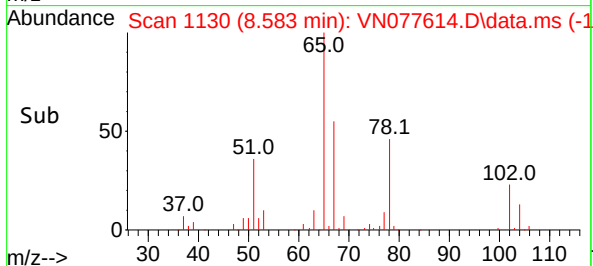
Tgt Ion: 65 Resp: 257548
Ion Ratio Lower Upper
65 100
67 52.0 41.3 61.9

Manual Integrations

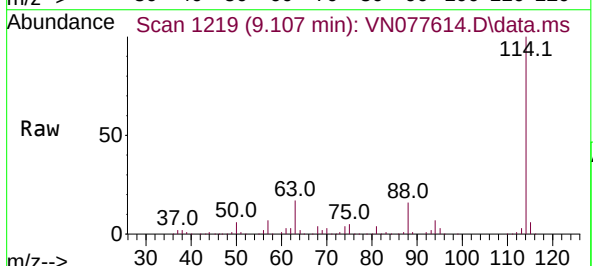
APPROVED

Reviewed By :John Carlone 05/09/2023

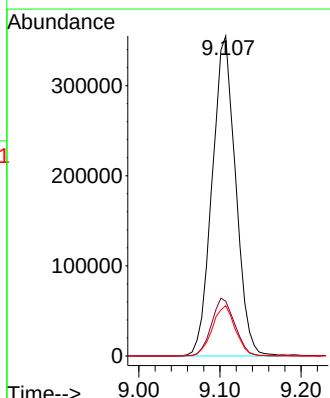
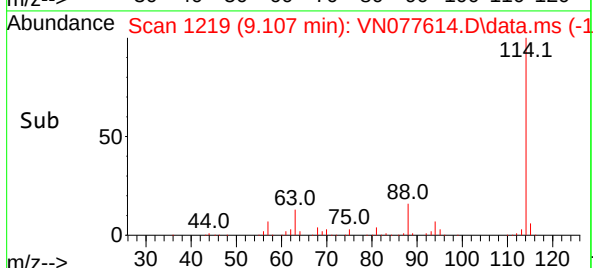
Supervised By :Mahesh Dadoda 05/09/2023

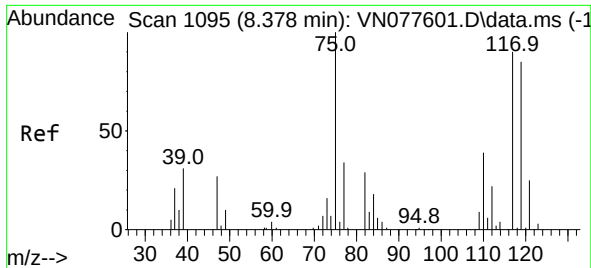


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



Tgt Ion:114 Resp: 713738
Ion Ratio Lower Upper
114 100
63 17.9 15.8 23.6
88 15.5 13.0 19.4





#29
1,1-Dichloropropene
Concen: 19.642 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050823

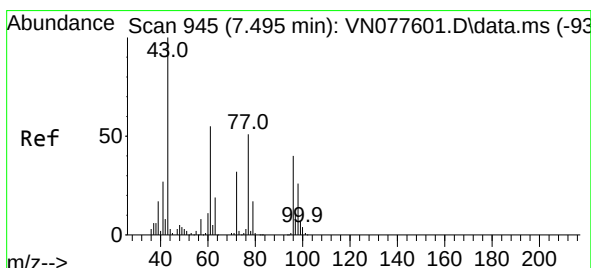
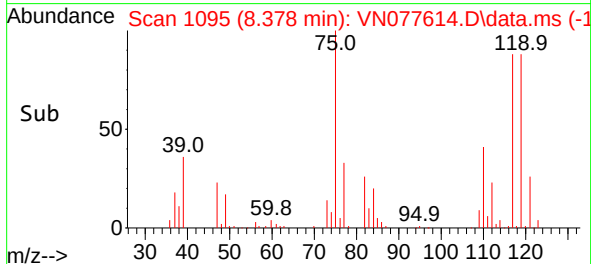
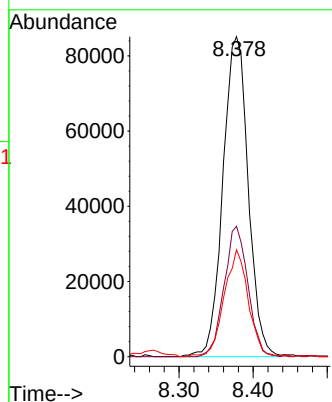
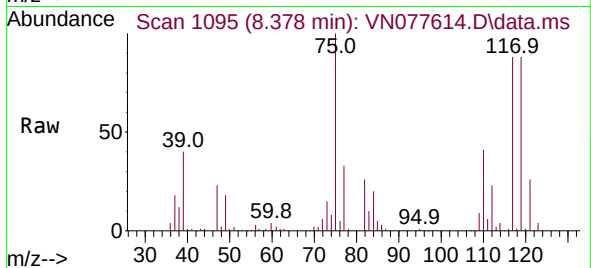
Tgt Ion: 75 Resp: 201818
Ion Ratio Lower Upper
75 100
110 38.3 0.0 69.8
77 31.6 0.0 61.4

Manual Integrations

APPROVED

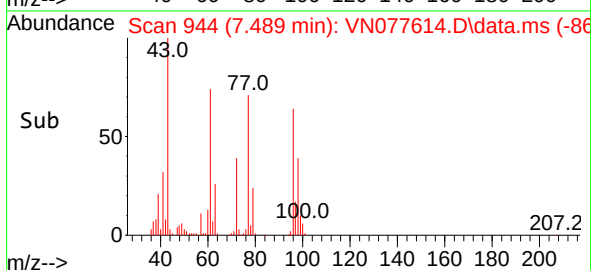
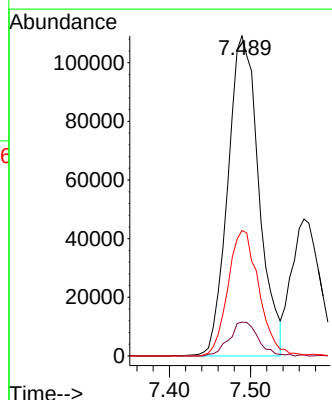
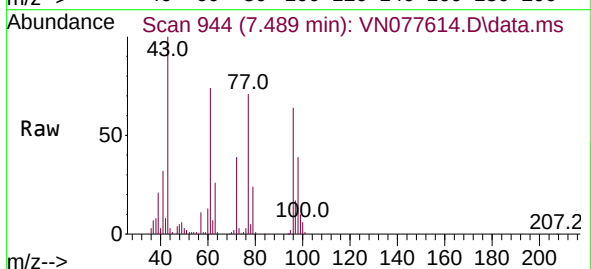
Reviewed By :John Carlone 05/09/2023

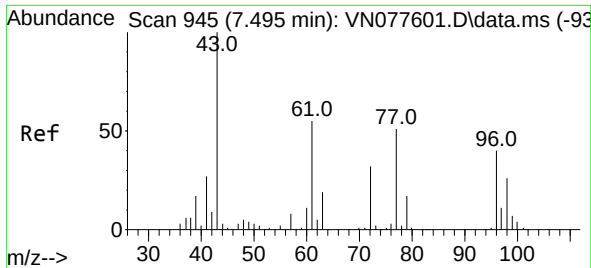
Supervised By :Mahesh Dadoda 05/09/2023



#30
2-Butanone
Concen: 106.164 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion: 43 Resp: 290759
Ion Ratio Lower Upper
43 100
57 9.8 7.2 10.8
72 38.9 26.2 39.2





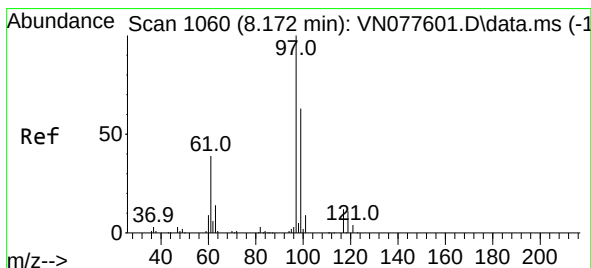
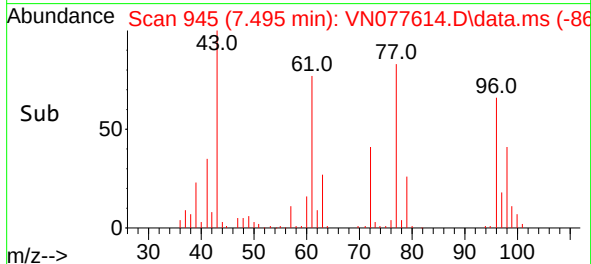
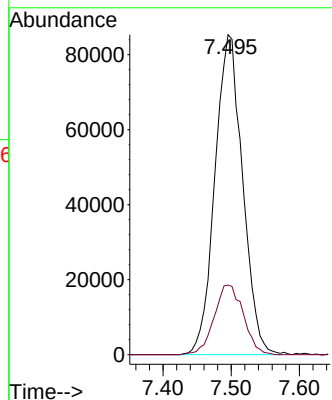
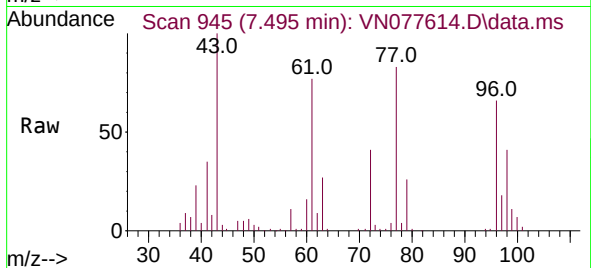
#31
2,2-Dichloropropane
Concen: 20.142 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion: 77 Resp: 241109
Ion Ratio Lower Upper
77 100
97 23.0 19.1 28.7

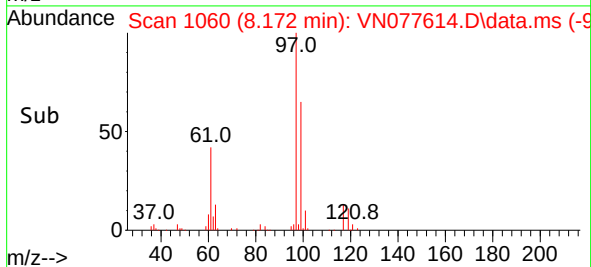
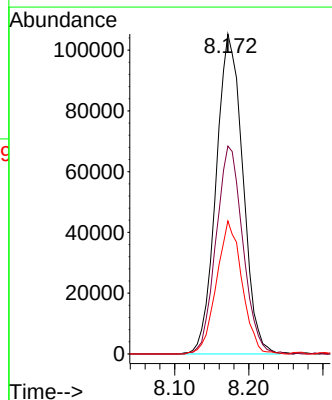
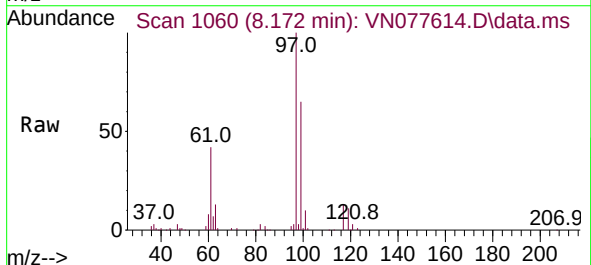
Manual Integrations
APPROVED

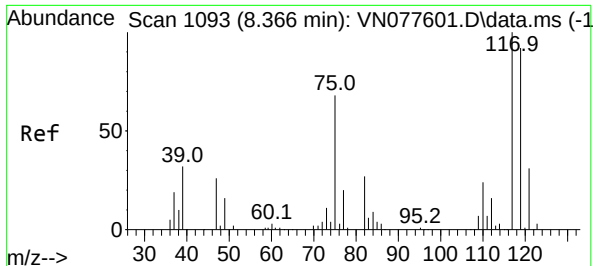
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#32
1,1,1-Trichloroethane
Concen: 19.822 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

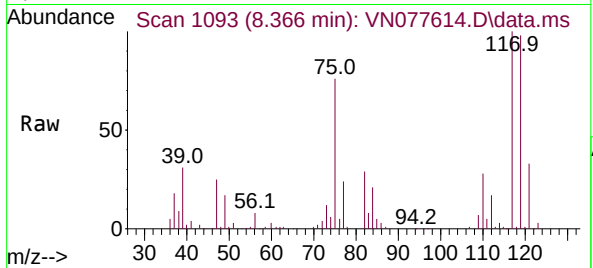
Tgt Ion: 97 Resp: 263587
Ion Ratio Lower Upper
97 100
99 65.0 53.1 79.7
61 39.6 35.1 52.7





#33
Carbon Tetrachloride
Concen: 19.840 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

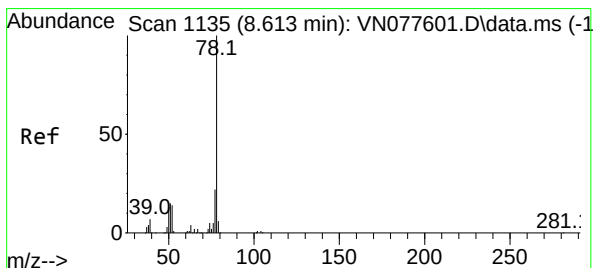
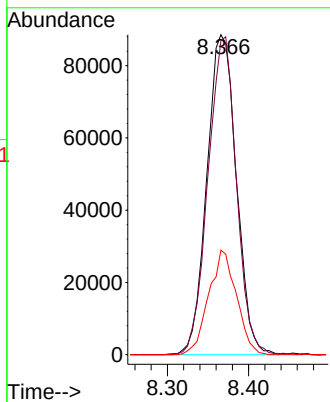
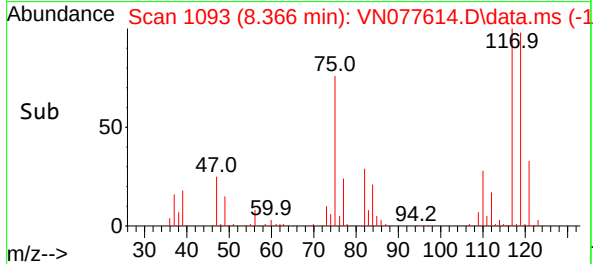
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



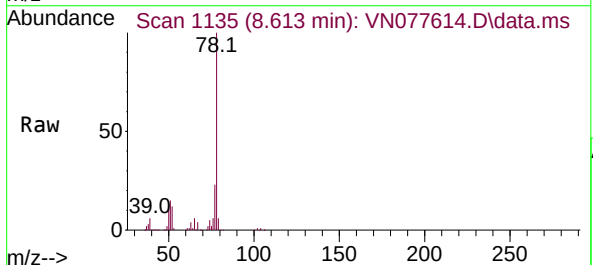
Tgt Ion:117 Resp: 223110
Ion Ratio Lower Upper
117 100
119 97.7 73.9 110.9
121 32.6 25.0 37.4

Manual Integrations
APPROVED

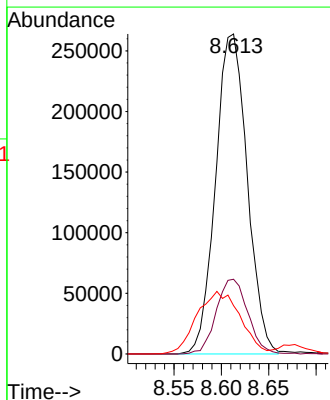
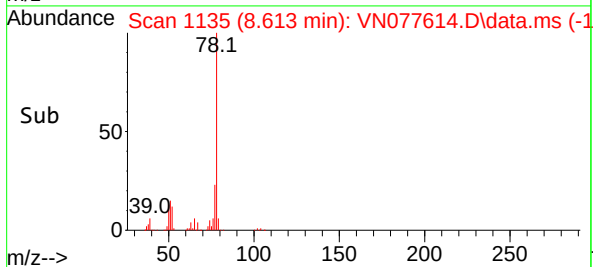
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

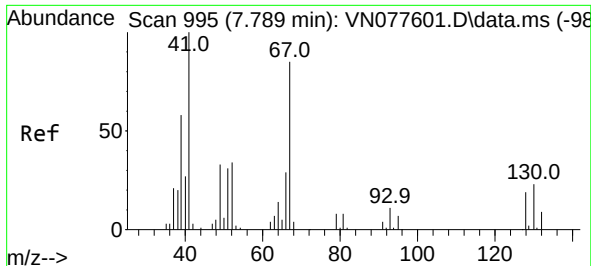


#34
Benzene
Concen: 19.778 ug/l
RT: 8.613 min Scan# 1135
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



Tgt Ion: 78 Resp: 613625
Ion Ratio Lower Upper
78 100
77 23.3 17.2 25.8
51 13.4 12.3 18.5





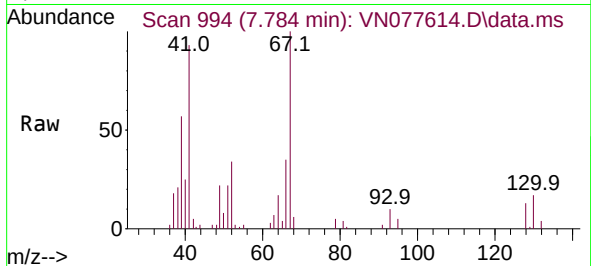
#35
Methacrylonitrile
Concen: 21.477 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.005 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050823



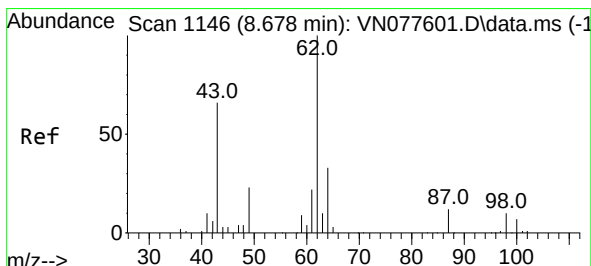
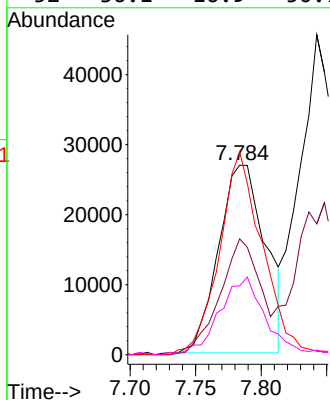
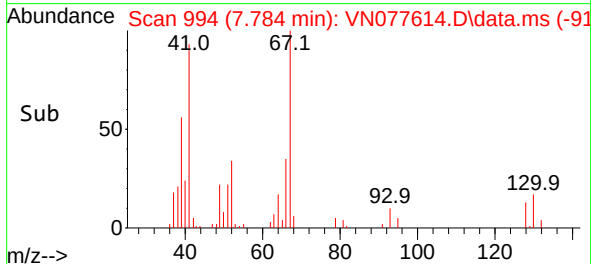
Tgt Ion: 41 Resp: 66764
Ion Ratio Lower Upper
41 100
39 61.0 28.7 86.3
67 105.7 42.7 128.1
52 36.1 16.9 50.7

Manual Integrations

APPROVED

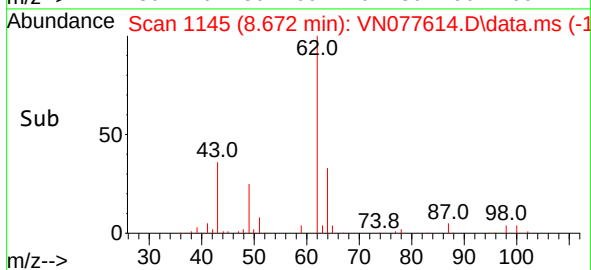
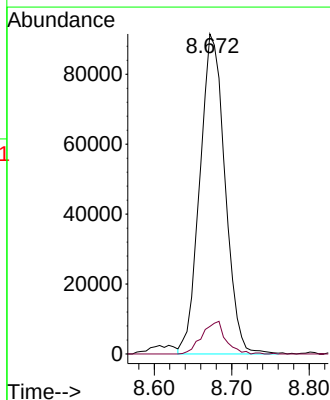
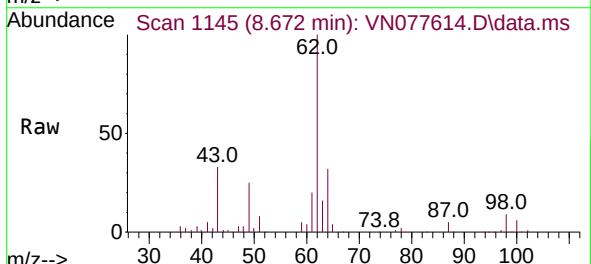
Reviewed By :John Carlone 05/09/2023

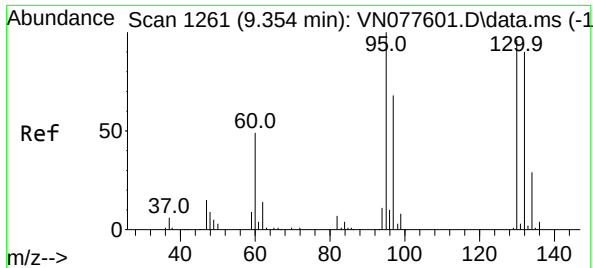
Supervised By :Mahesh Dadoda 05/09/2023



#36
1,2-Dichloroethane
Concen: 19.941 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion: 62 Resp: 206256
Ion Ratio Lower Upper
62 100
98 9.5 7.6 11.4





#37

Trichloroethene

Concen: 19.514 ug/l

RT: 9.354 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050823

Tgt Ion:130 Resp: 156504

Ion Ratio Lower Upper

130 100

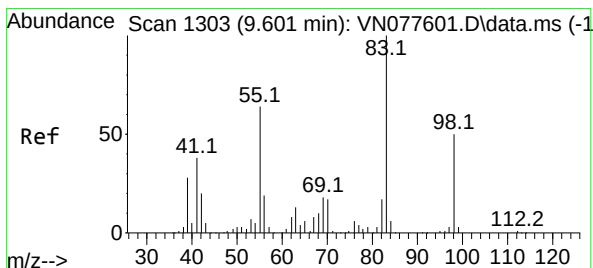
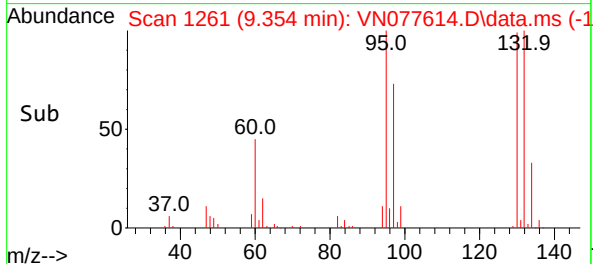
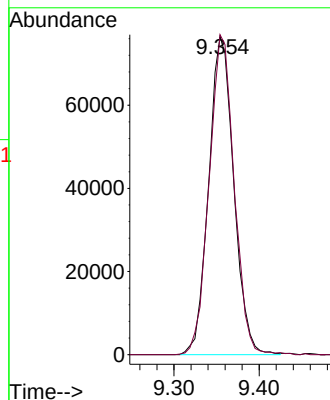
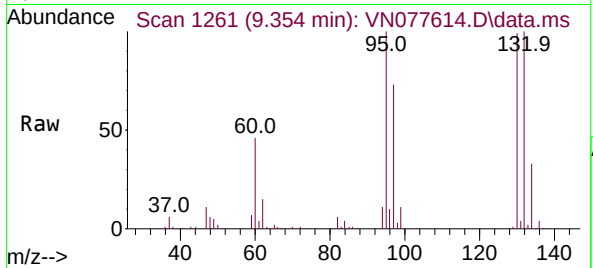
95 100.5 83.0 124.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#38

Methylcyclohexane

Concen: 20.160 ug/l

RT: 9.607 min Scan# 1304

Delta R.T. 0.006 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

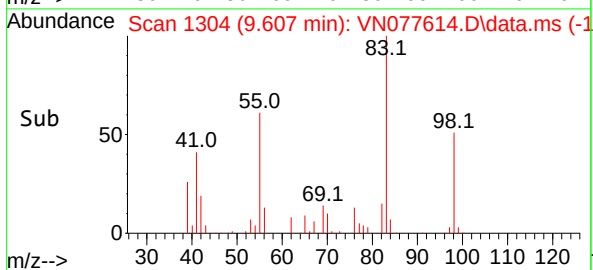
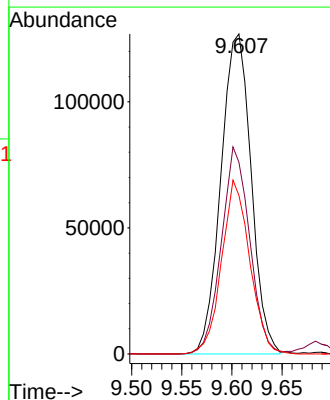
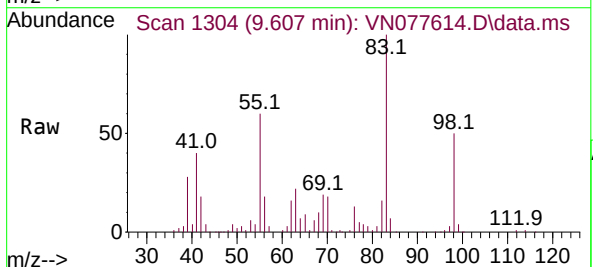
Tgt Ion: 83 Resp: 266714

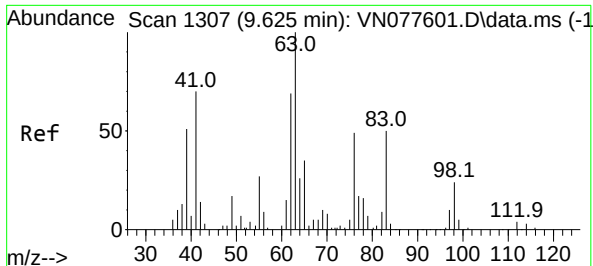
Ion Ratio Lower Upper

83 100

55 60.6 33.6 100.8

98 50.7 25.3 75.8





#39

1,2-Dichloropropane

Concen: 19.728 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050823

Tgt Ion: 63 Resp: 141700

Ion Ratio Lower Upper

63 100

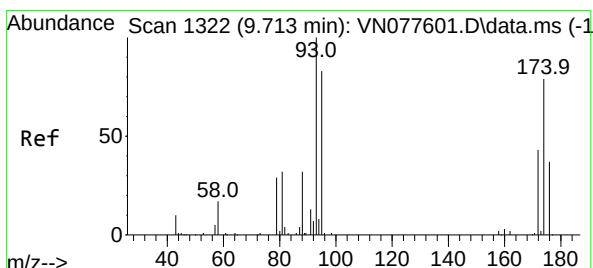
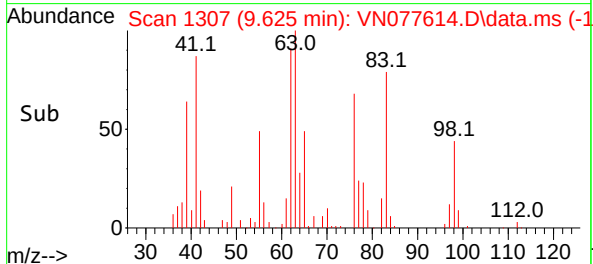
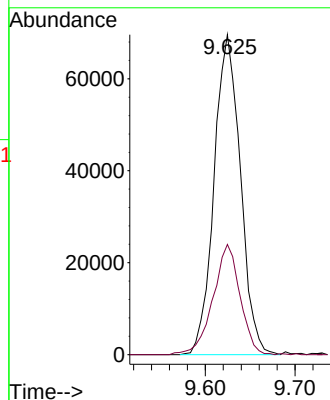
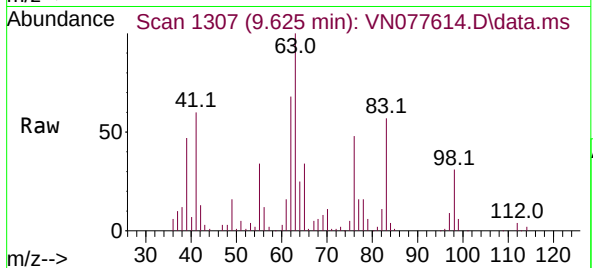
65 34.2 28.2 42.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#40

Dibromomethane

Concen: 19.958 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

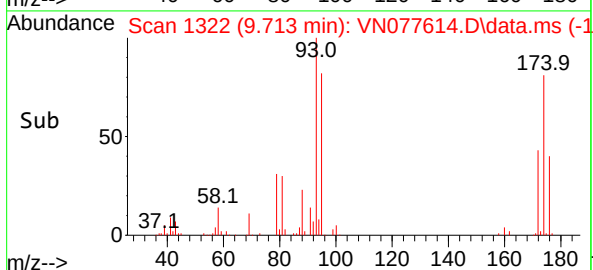
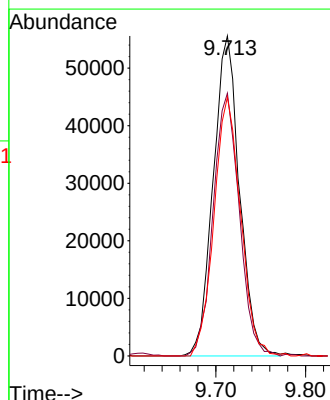
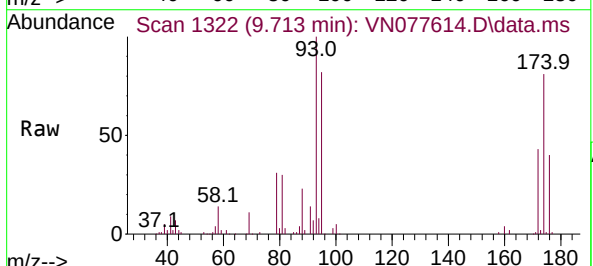
Tgt Ion: 93 Resp: 113019

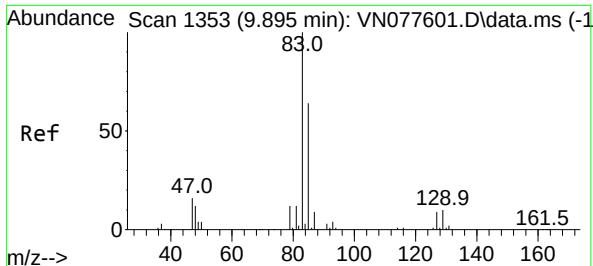
Ion Ratio Lower Upper

93 100

95 81.5 0.0 164.0

174 81.6 0.0 157.0





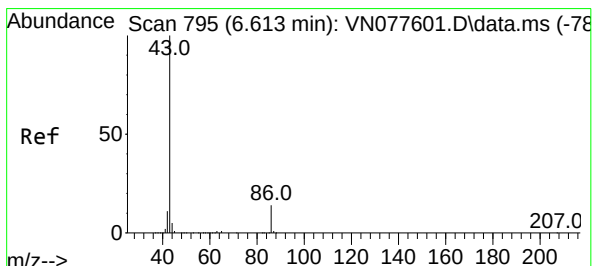
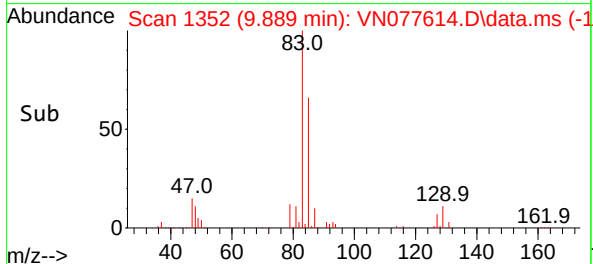
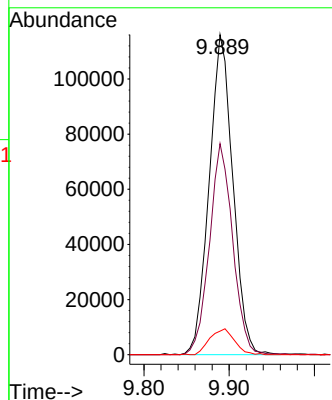
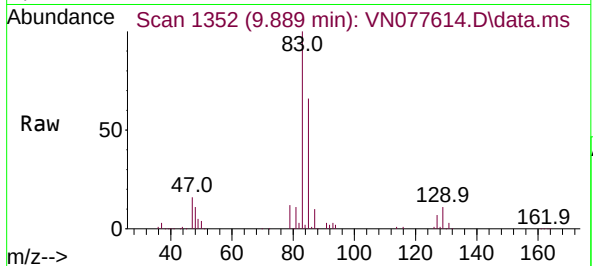
#41
Bromodichloromethane
Concen: 19.674 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion: 83 Resp: 22434
Ion Ratio Lower Upper
83 100
85 66.0 51.2 76.8
127 7.3 7.3 10.9

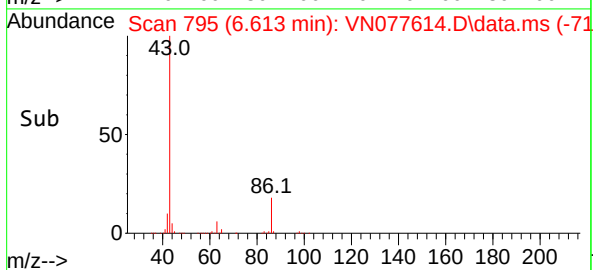
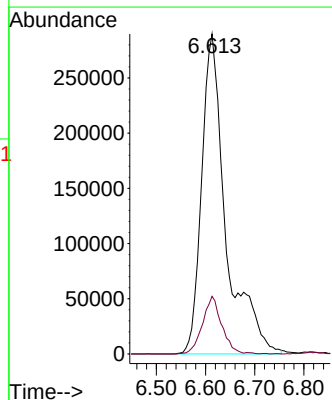
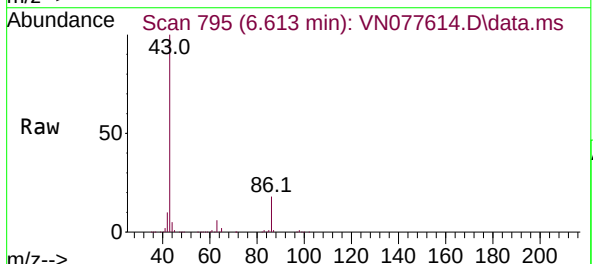
Manual Integrations
APPROVED

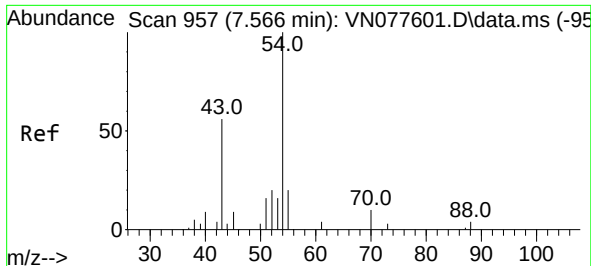
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#42
Vinyl Acetate
Concen: 97.753 ug/l m
RT: 6.613 min Scan# 795
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion: 43 Resp: 993104
Ion Ratio Lower Upper
43 100
86 14.1 10.3 15.5





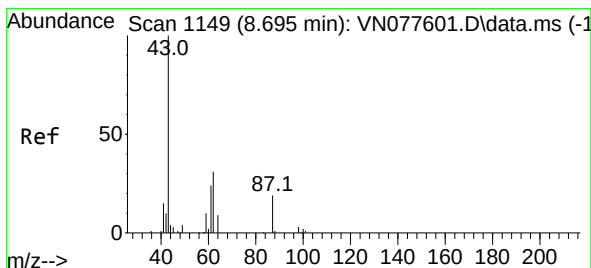
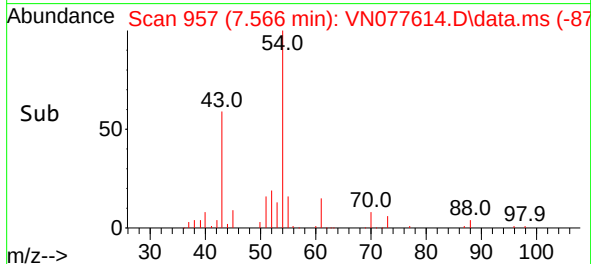
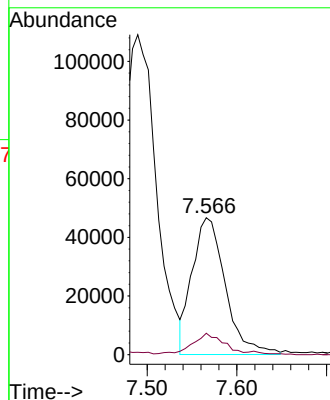
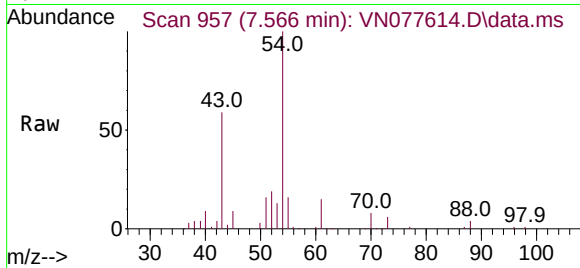
#43
Ethyl Acetate
Concen: 20.333 ug/l
RT: 7.566 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion: 43 Resp: 119680
Ion Ratio Lower Upper
43 100
45 13.2 8.2 12.4

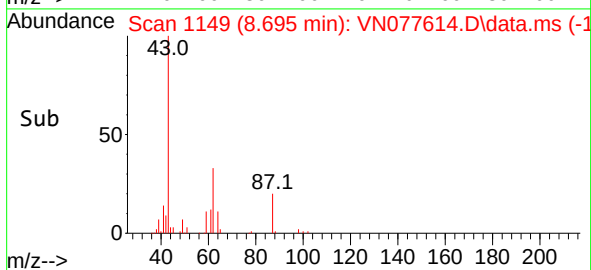
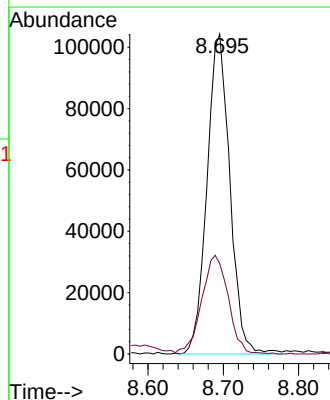
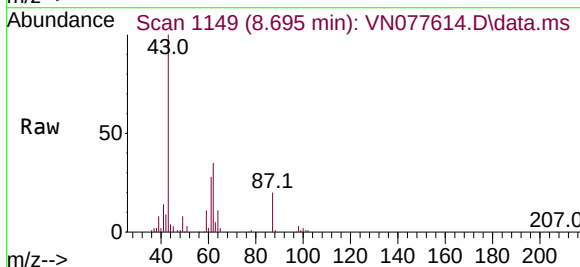
Manual Integrations
APPROVED

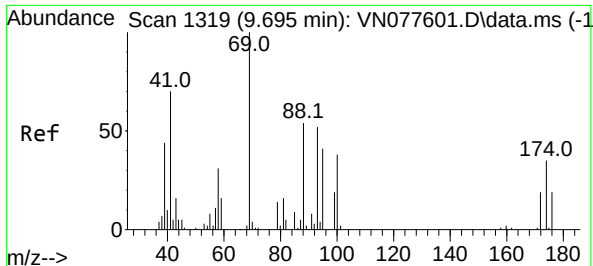
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#44
Isopropyl Acetate
Concen: 20.438 ug/l m
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

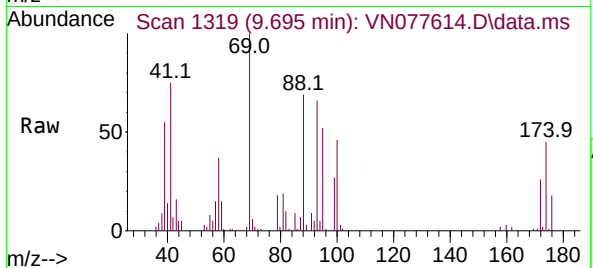
Tgt Ion: 43 Resp: 220259
Ion Ratio Lower Upper
43 100
61 0.1 23.2 34.8





#45
1,4-Dioxane
Concen: 443.620 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

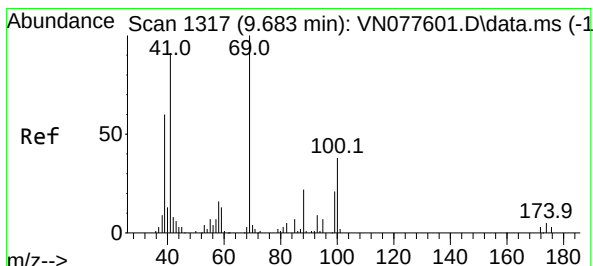
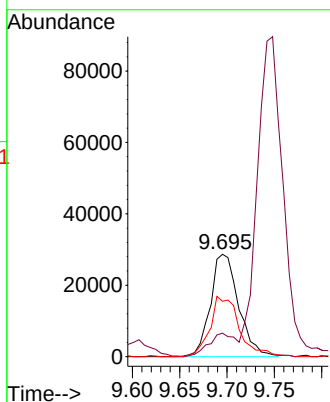
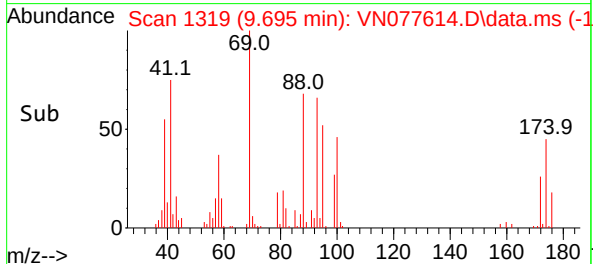
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



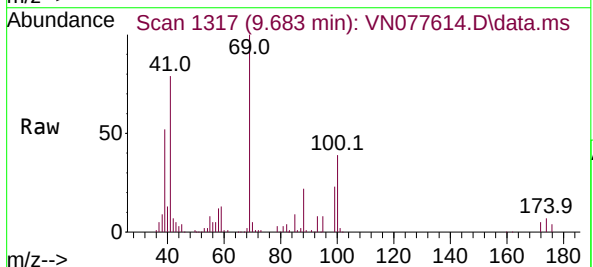
Tgt Ion: 88 Resp: 59429
Ion Ratio Lower Upper
88 100
43 22.3 18.2 27.2
58 30.0 47.5 71.3

Manual Integrations
APPROVED

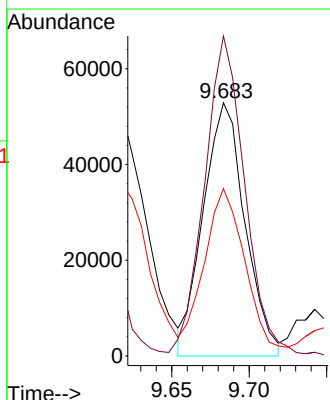
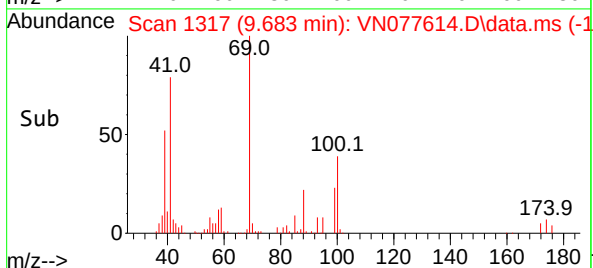
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

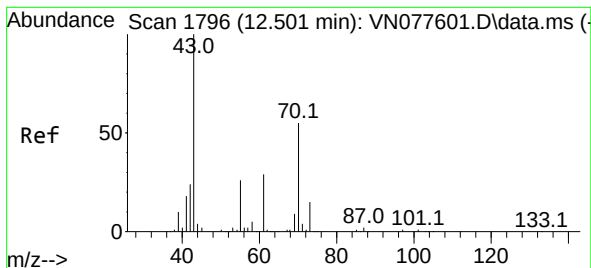


#46
Methyl methacrylate
Concen: 20.483 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



Tgt Ion: 41 Resp: 99139
Ion Ratio Lower Upper
41 100
69 127.1 52.0 156.0
39 65.4 33.6 100.6





#47

n-amy1 Acetate

Concen: 20.068 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.006 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050823

Tgt Ion: 43 Resp: 186262

Ion Ratio Lower Upper

43 100

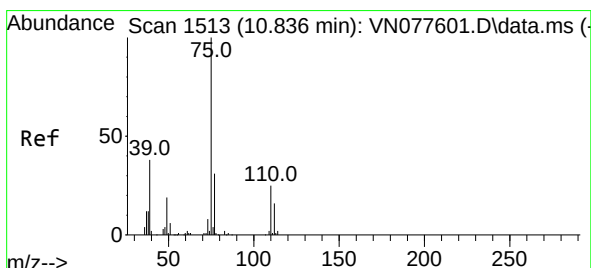
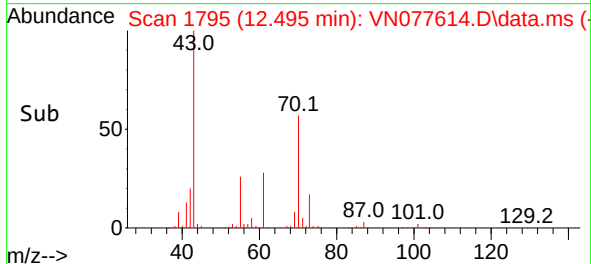
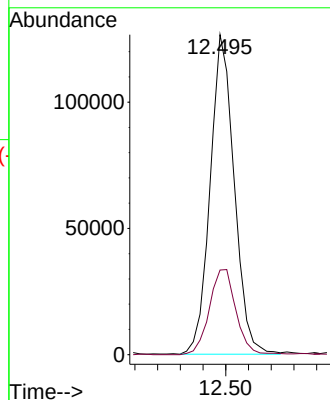
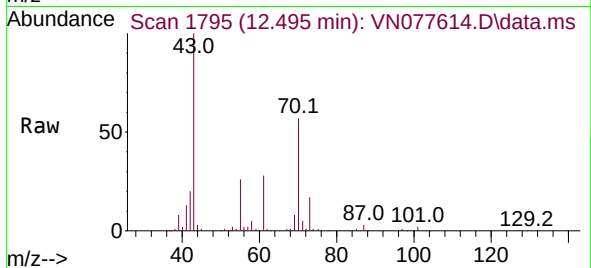
55 29.3 21.4 32.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#48

t-1,3-Dichloropropene

Concen: 19.414 ug/l

RT: 10.836 min Scan# 1513

Delta R.T. 0.000 min

Lab File: VN077614.D

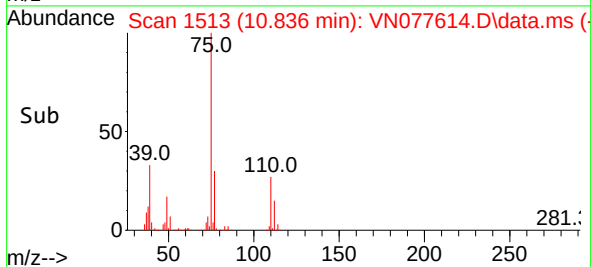
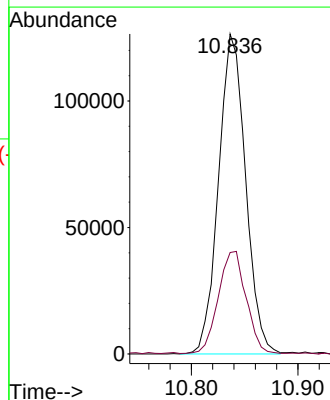
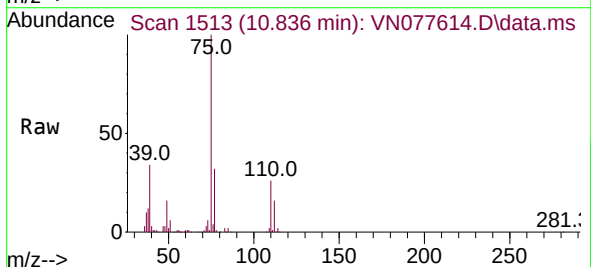
Acq: 08 May 2023 13:00

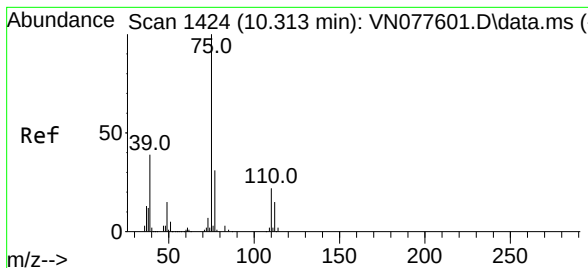
Tgt Ion: 75 Resp: 223188

Ion Ratio Lower Upper

75 100

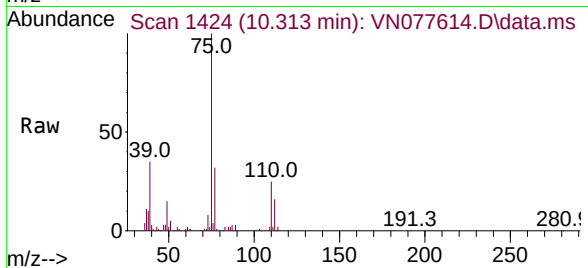
77 31.6 25.1 37.7





#49
cis-1,3-Dichloropropene
Concen: 19.379 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

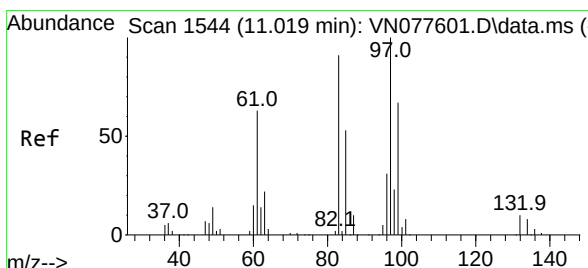
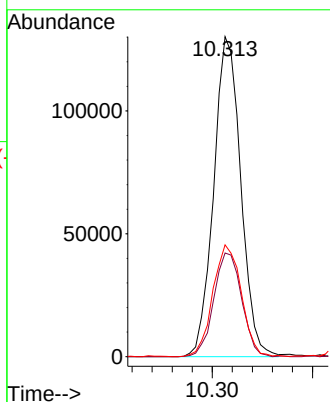
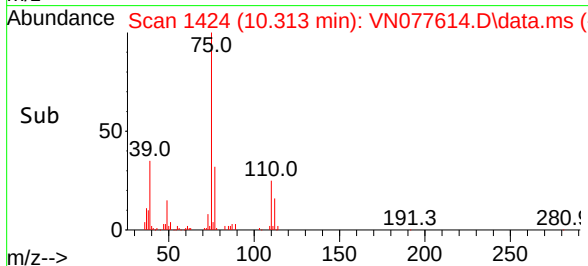
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



Tgt Ion: 75 Resp: 24418
Ion Ratio Lower Upper
75 100
77 32.4 24.7 37.1
39 34.9 31.0 46.6

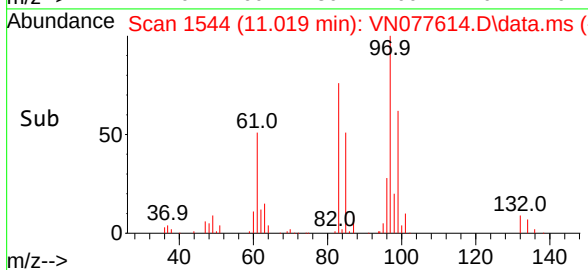
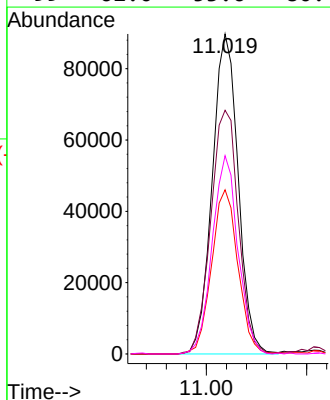
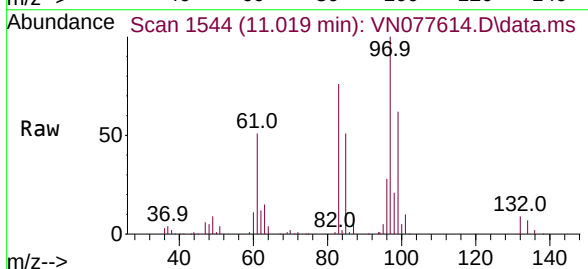
Manual Integrations
APPROVED

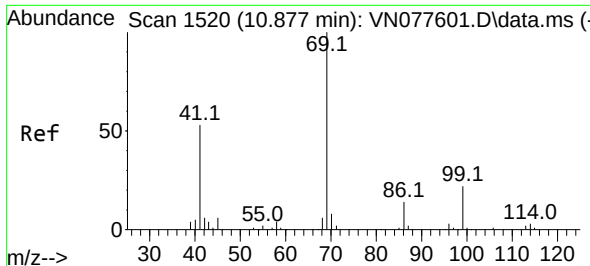
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#50
1,1,2-Trichloroethane
Concen: 19.709 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

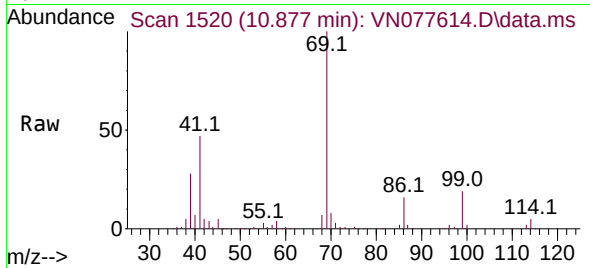
Tgt Ion: 97 Resp: 160731
Ion Ratio Lower Upper
97 100
83 76.2 72.6 108.8
85 51.3 42.6 63.8
99 62.0 53.6 80.4





#51
Ethyl methacrylate
Concen: 20.561 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

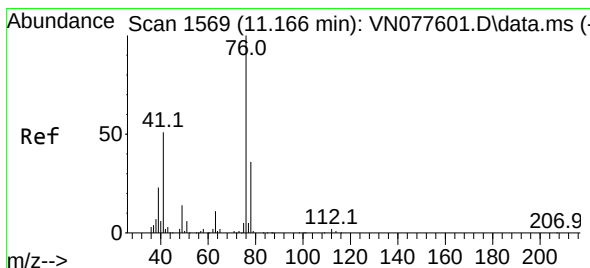
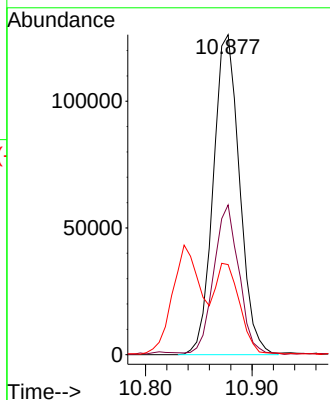
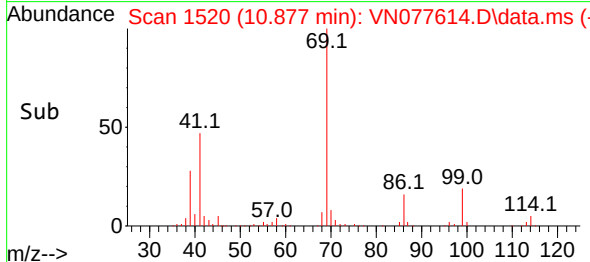
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



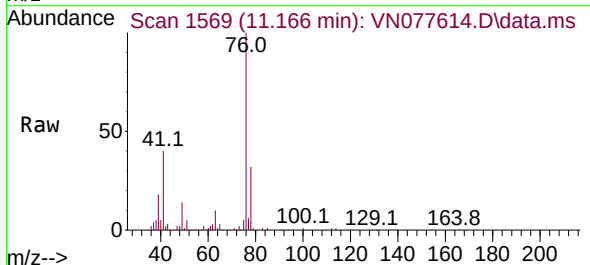
Tgt Ion: 69 Resp: 21646
Ion Ratio Lower Upper
69 100
41 46.4 26.3 78.9
39 27.7 18.1 54.1

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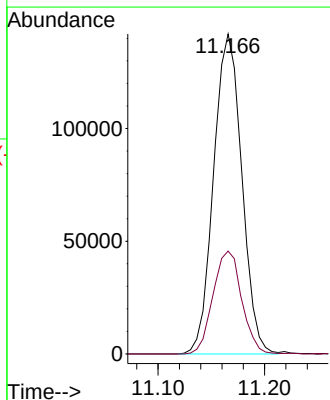
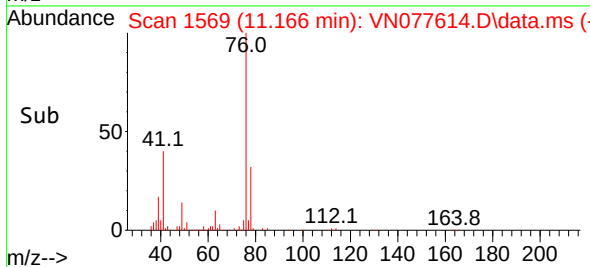
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

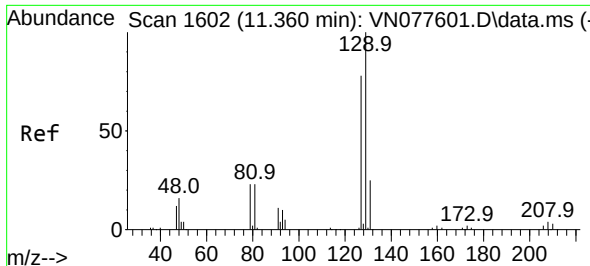


#52
1,3-Dichloropropane
Concen: 19.773 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



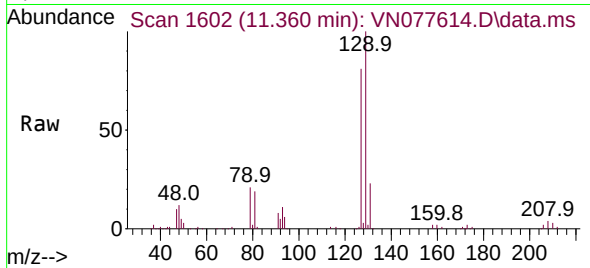
Tgt Ion: 76 Resp: 260719
Ion Ratio Lower Upper
76 100
78 32.7 0.0 66.4





#53
Dibromochloromethane
Concen: 19.369 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

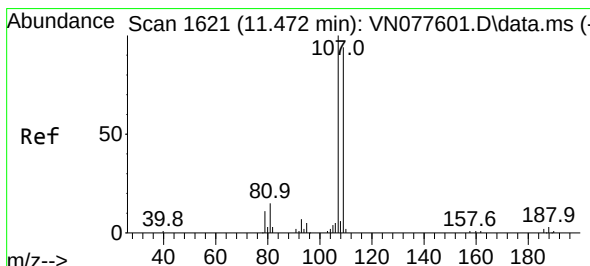
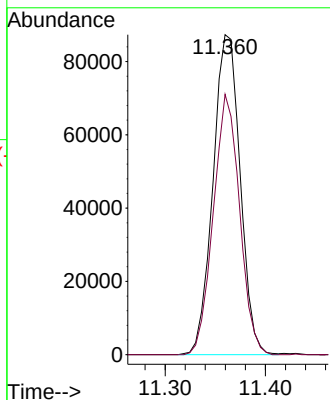
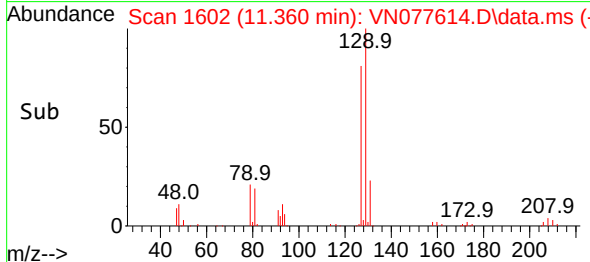
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



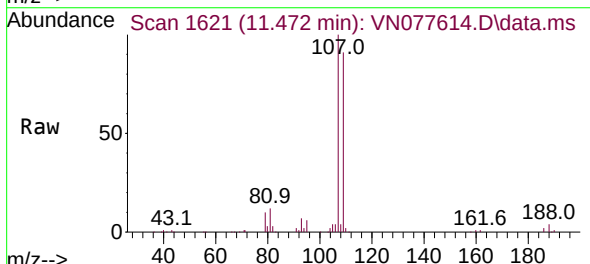
Tgt Ion:129 Resp: 16434
Ion Ratio Lower Upper
129 100
127 78.5 39.4 118.1

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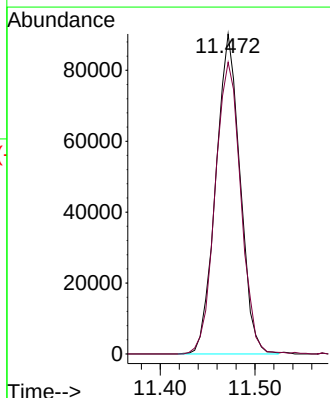
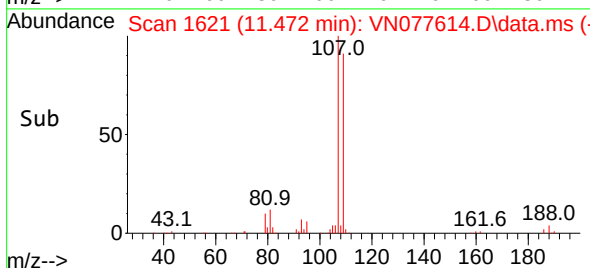
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

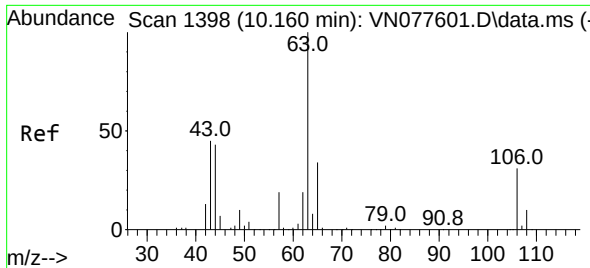


#54
1,2-Dibromoethane
Concen: 19.900 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



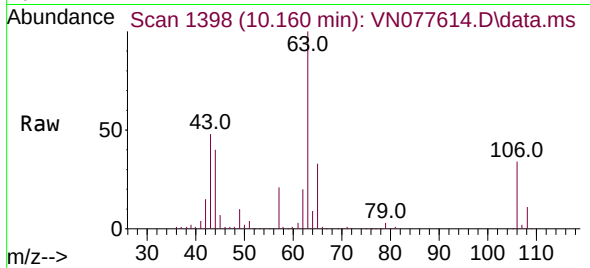
Tgt Ion:107 Resp: 161206
Ion Ratio Lower Upper
107 100
109 96.1 77.4 116.2





#55
2-Chloroethyl vinyl ether
Concen: 101.714 ug/l
RT: 10.160 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

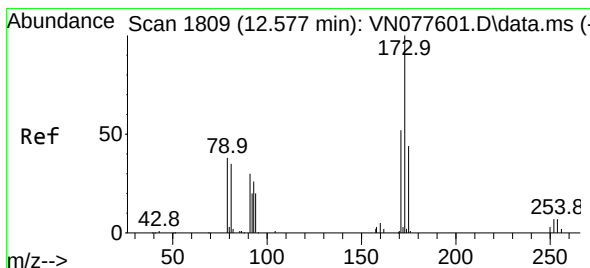
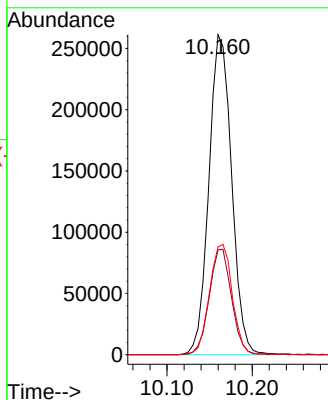
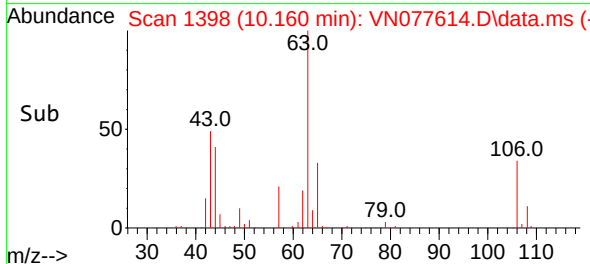
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



Tgt Ion: 63 Resp: 484224
Ion Ratio Lower Upper
63 100
65 32.3 26.8 40.2
106 34.6 25.6 38.4

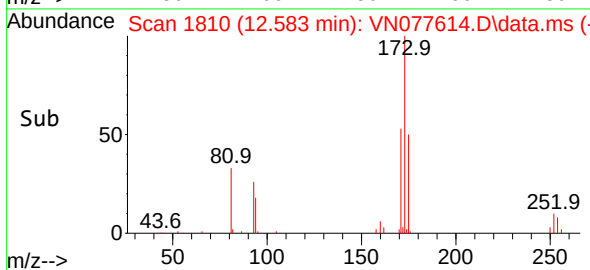
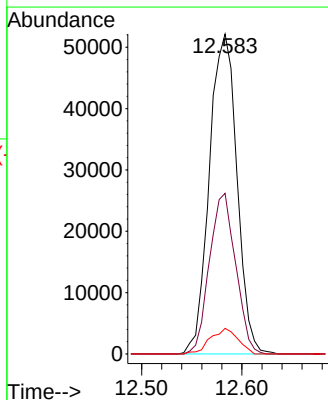
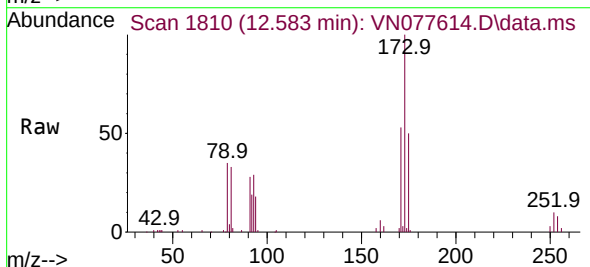
Manual Integrations
APPROVED

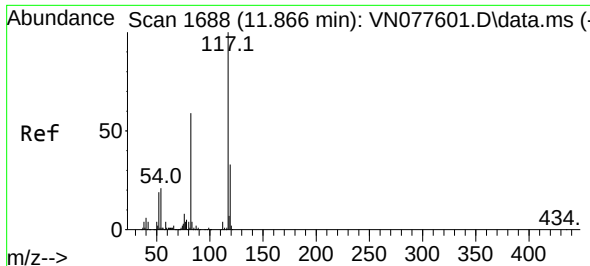
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#56
Bromoform
Concen: 19.966 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

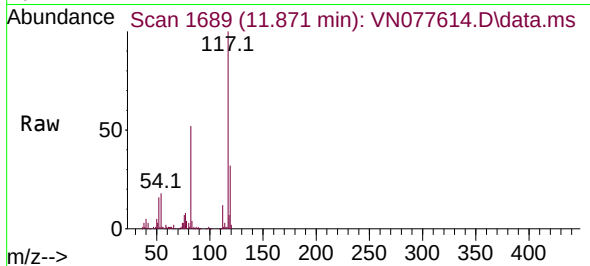
Tgt Ion:173 Resp: 99683
Ion Ratio Lower Upper
173 100
175 47.7 39.4 59.2
254 8.0 5.8 8.6





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1689
Delta R.T. 0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

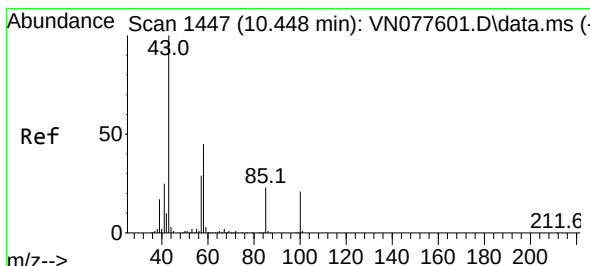
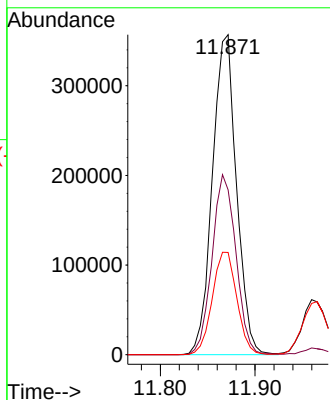
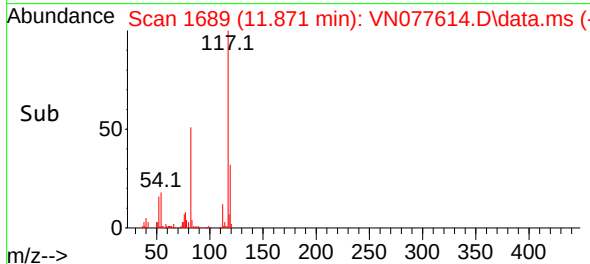
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



Tgt Ion:117 Resp: 631100
Ion Ratio Lower Upper
117 100
82 55.9 47.4 71.2
119 32.7 26.6 39.8

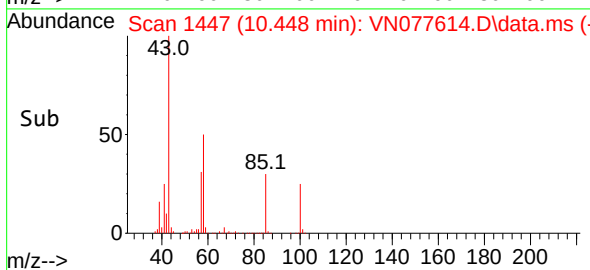
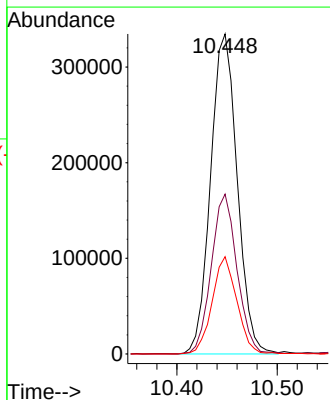
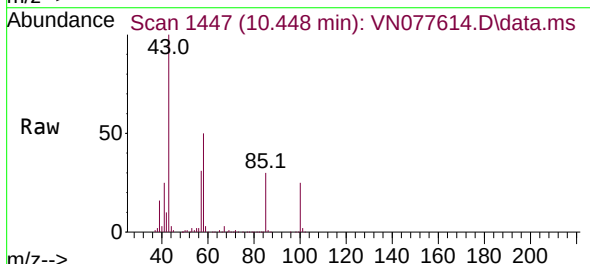
Manual Integrations
APPROVED

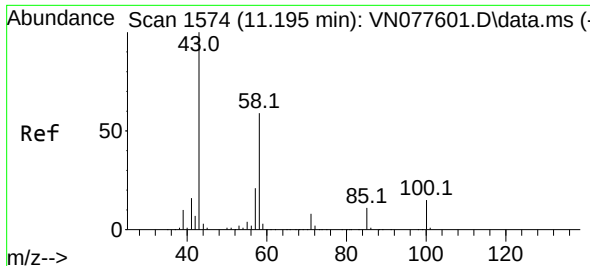
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#58
4-Methyl-2-Pentanone
Concen: 106.441 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

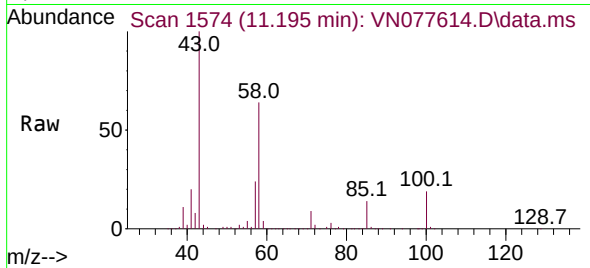
Tgt Ion: 43 Resp: 618608
Ion Ratio Lower Upper
43 100
58 48.3 35.4 53.2
85 28.1 18.2 27.2#





#59
2-Hexanone
Concen: 107.601 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

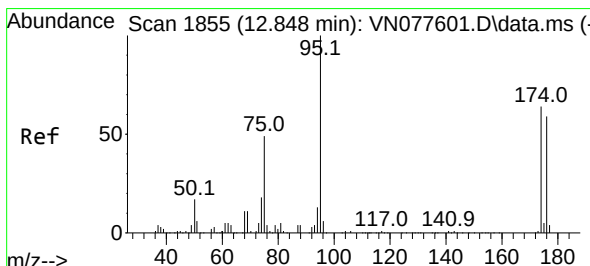
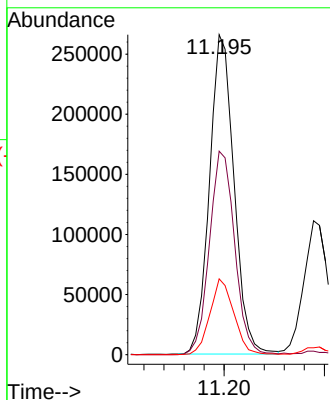
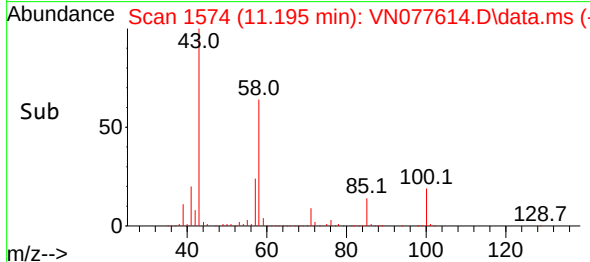
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



Tgt Ion: 43 Resp: 451417
Ion Ratio Lower Upper
43 100
58 65.6 48.2 72.2
57 23.3 17.3 25.9

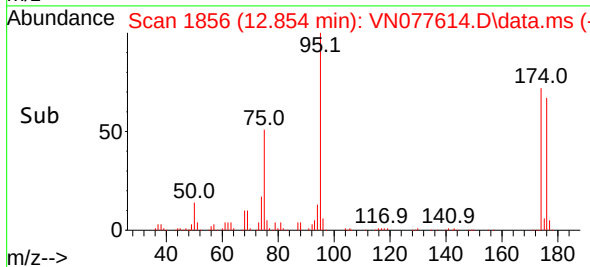
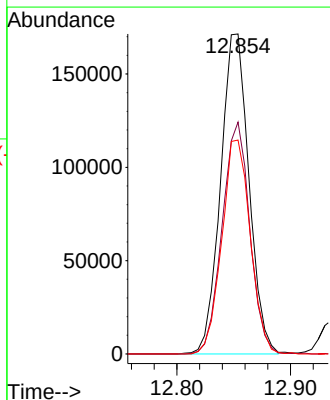
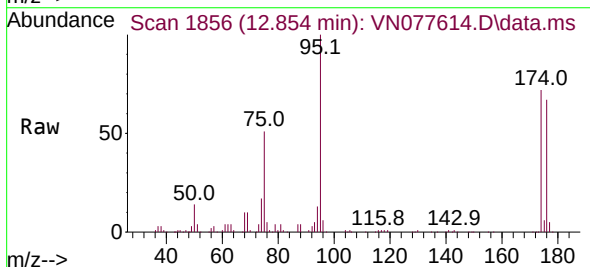
Manual Integrations
APPROVED

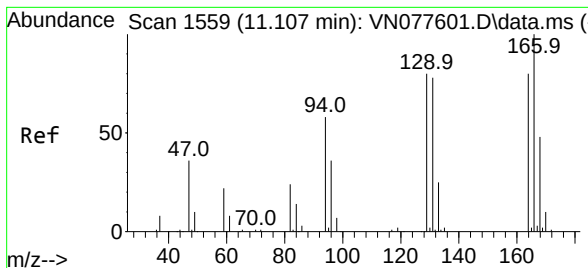
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#60
4-Bromofluorobenzene
Concen: 29.676 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

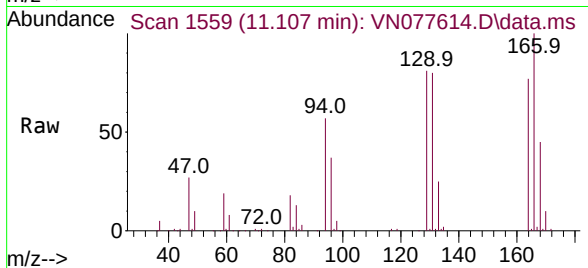
Tgt Ion: 95 Resp: 297797
Ion Ratio Lower Upper
95 100
174 70.3 53.4 80.0
176 67.1 50.0 75.0





#61
Tetrachloroethene
Concen: 20.432 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

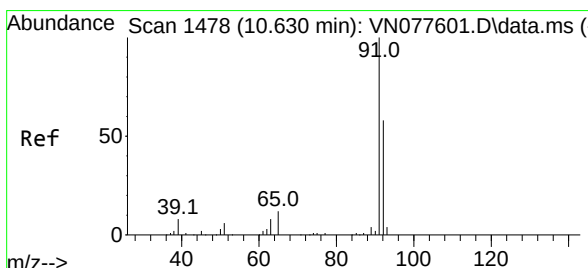
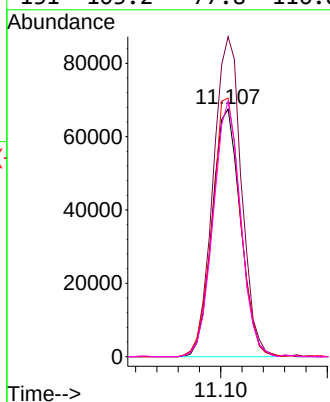
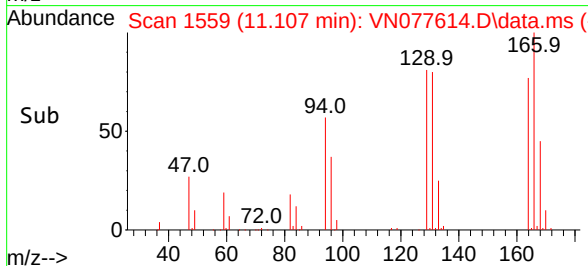
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



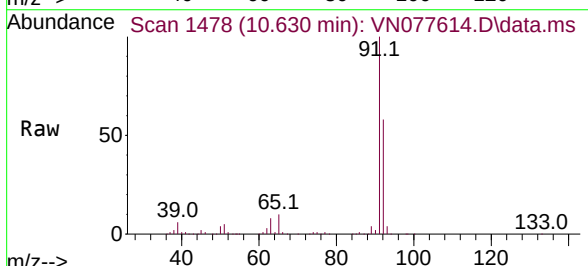
Tgt Ion:164 Resp: 124725
Ion Ratio Lower Upper
164 100
166 129.3 100.5 150.7
129 104.5 80.6 120.8
131 103.2 77.8 116.8

Manual Integrations
APPROVED

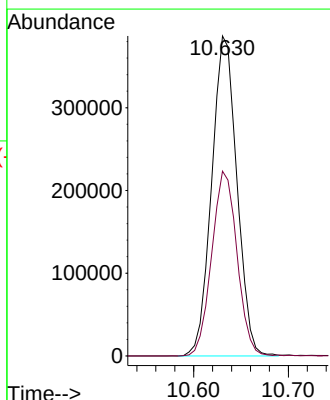
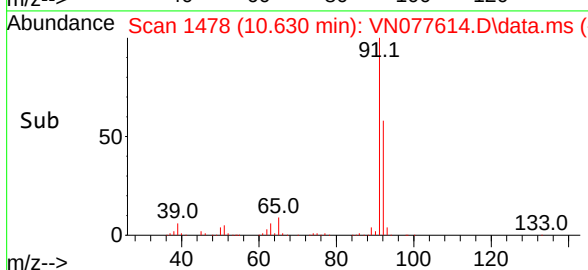
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

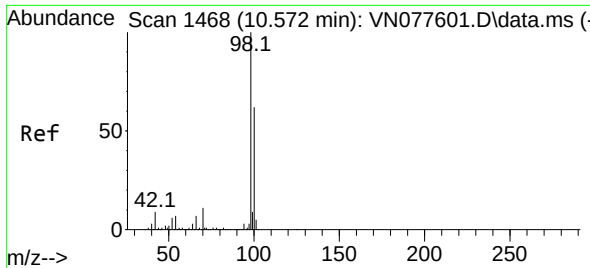


#62
Toluene
Concen: 20.489 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



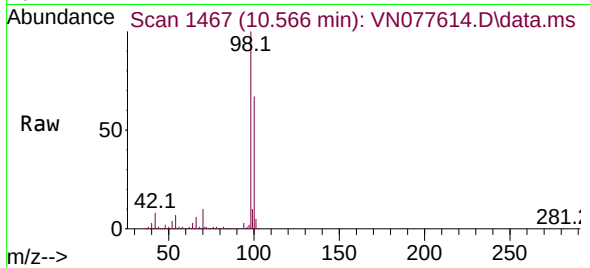
Tgt Ion: 91 Resp: 715885
Ion Ratio Lower Upper
91 100
92 57.8 47.0 70.6





#63
Toluene-d8
Concen: 30.009 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

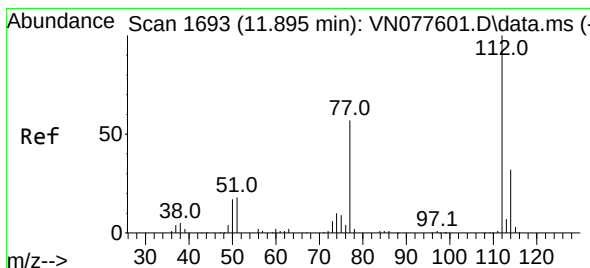
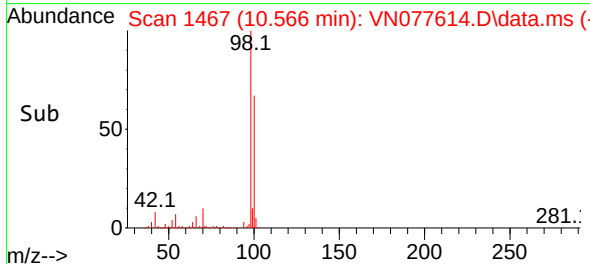
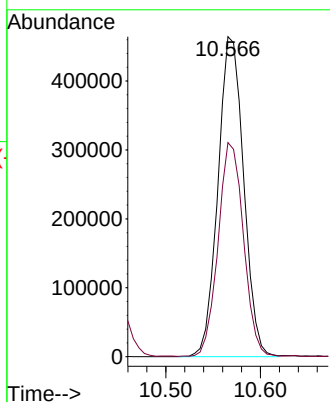
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



Tgt Ion: 98 Resp: 874718
Ion Ratio Lower Upper
98 100
100 66.1 52.1 78.1

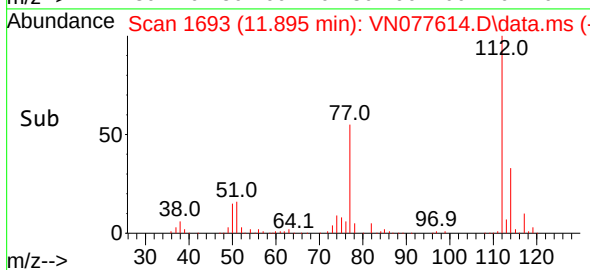
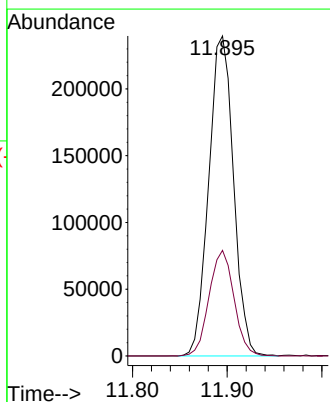
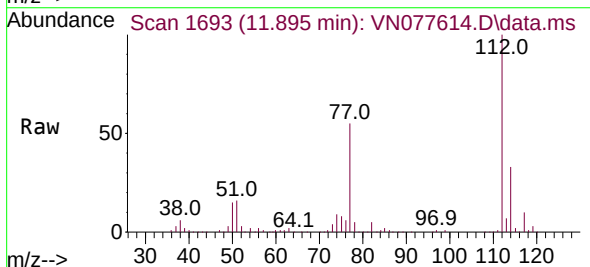
Manual Integrations
APPROVED

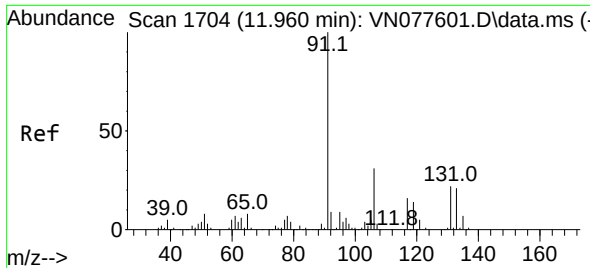
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#64
Chlorobenzene
Concen: 20.272 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion:112 Resp: 435607
Ion Ratio Lower Upper
112 100
114 33.0 25.8 38.8





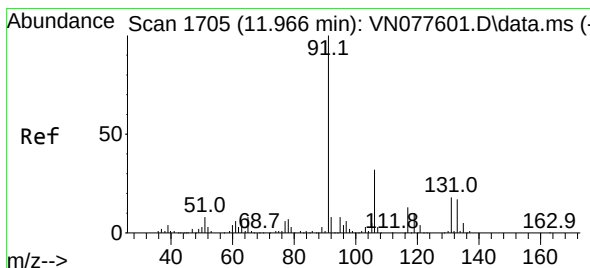
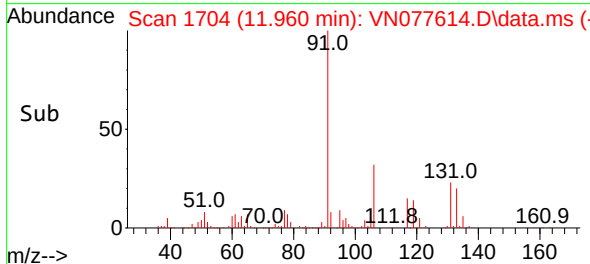
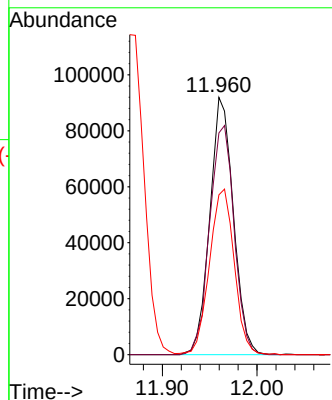
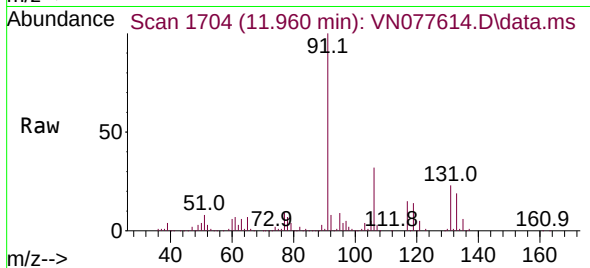
#65
1,1,1,2-Tetrachloroethane
Concen: 20.568 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion:131 Resp: 159440
Ion Ratio Lower Upper
131 100
133 92.4 0.0 181.2
119 67.6 0.0 125.0

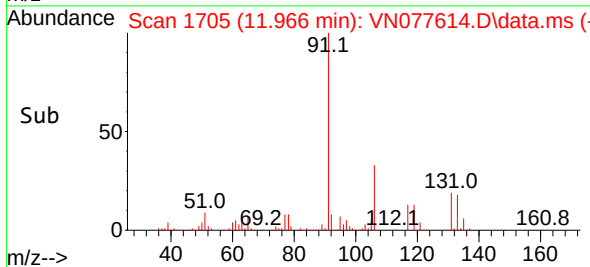
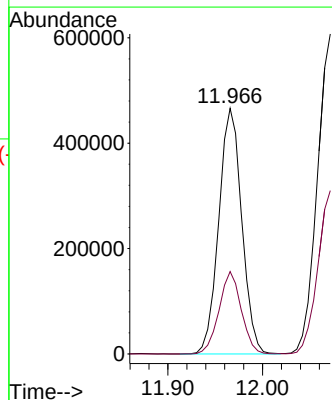
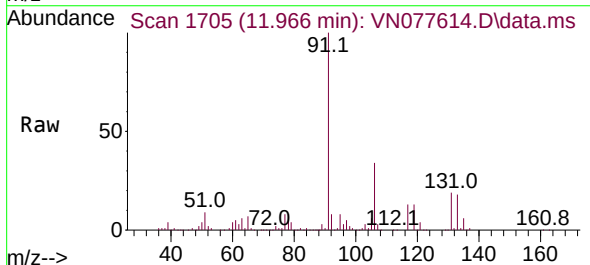
Manual Integrations
APPROVED

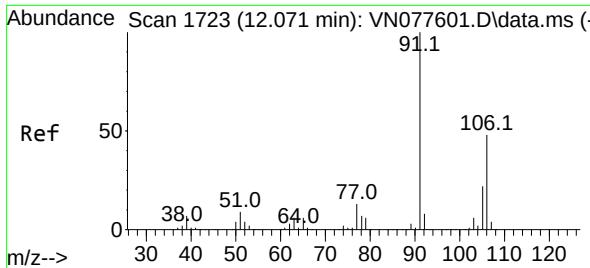
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#66
Ethyl Benzene
Concen: 20.334 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion: 91 Resp: 787237
Ion Ratio Lower Upper
91 100
106 33.5 25.7 38.5





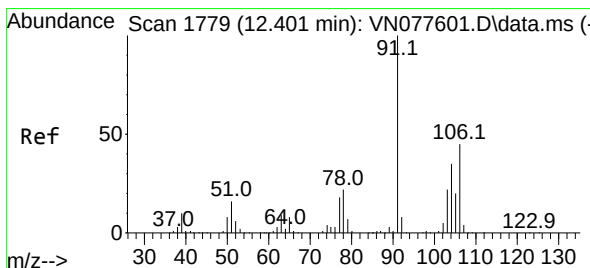
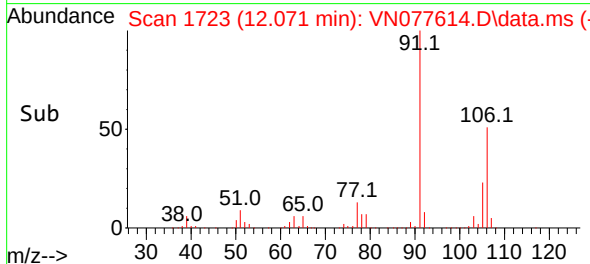
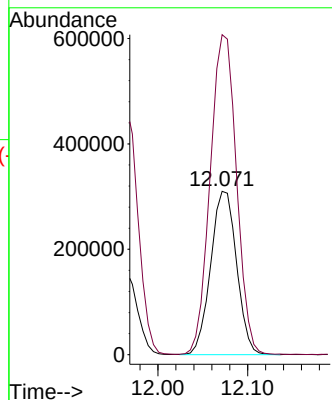
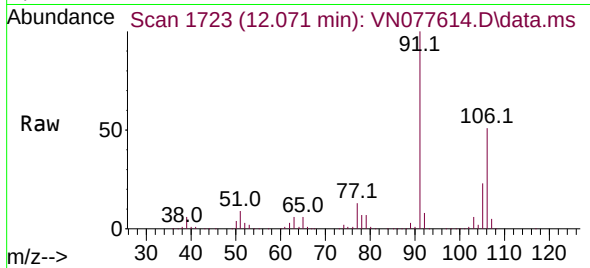
#67
m/p-Xylenes
Concen: 40.843 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion:106 Resp: 622120
Ion Ratio Lower Upper
106 100
91 199.1 162.6 244.0

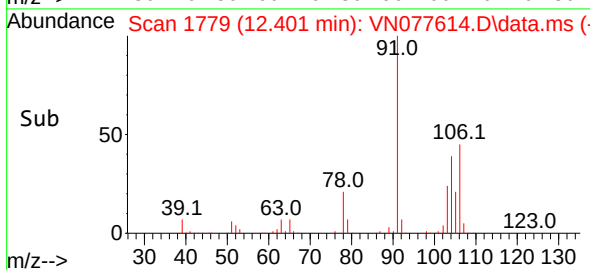
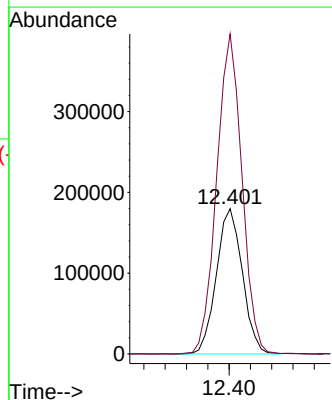
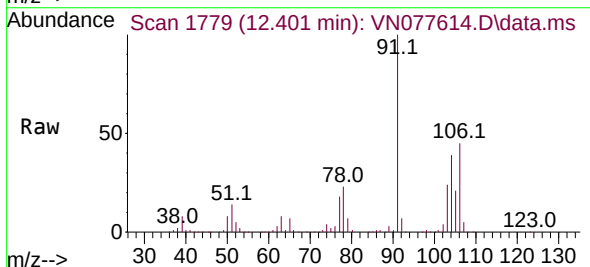
Manual Integrations
APPROVED

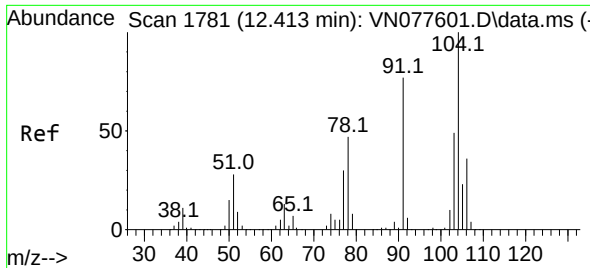
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#68
o-Xylene
Concen: 20.248 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion:106 Resp: 303948
Ion Ratio Lower Upper
106 100
91 214.0 109.5 328.4





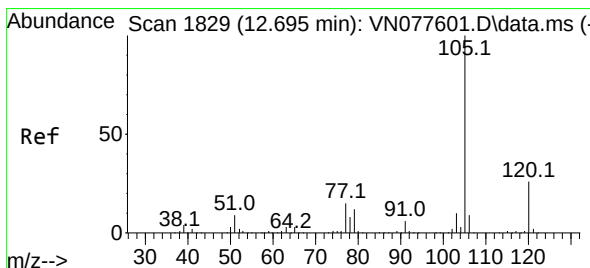
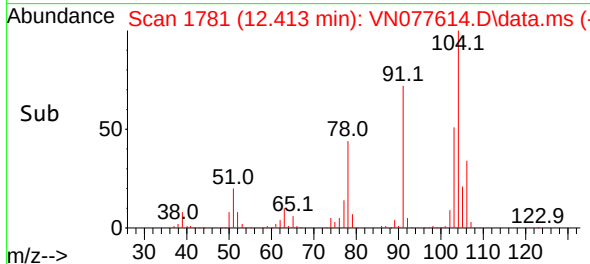
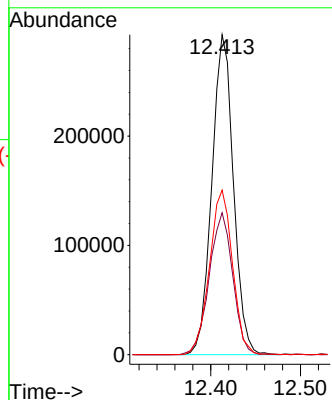
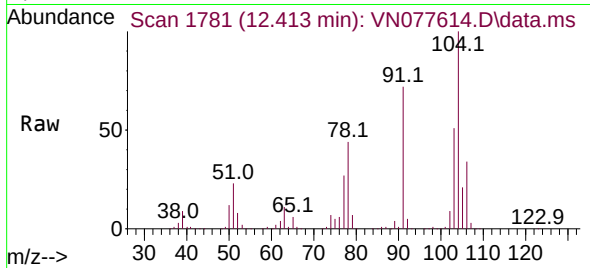
#69
Styrene
Concen: 20.364 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion:104 Resp: 48878
Ion Ratio Lower Upper
104 100
78 48.4 41.3 61.9
103 54.9 44.0 66.0

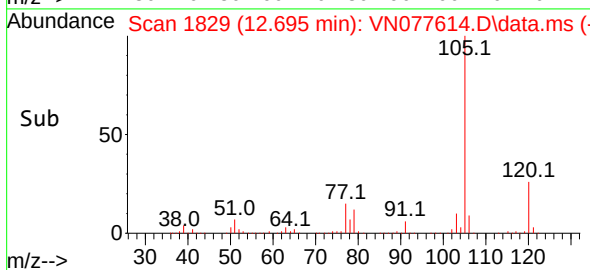
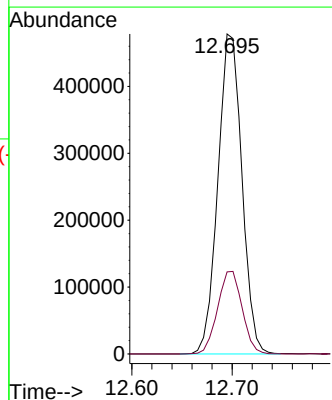
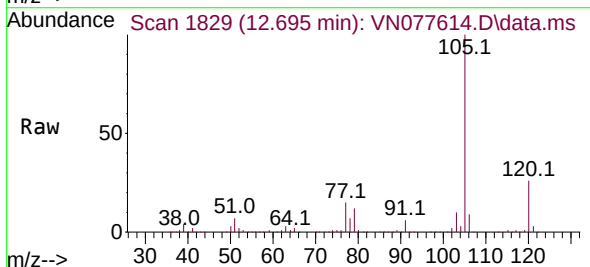
Manual Integrations
APPROVED

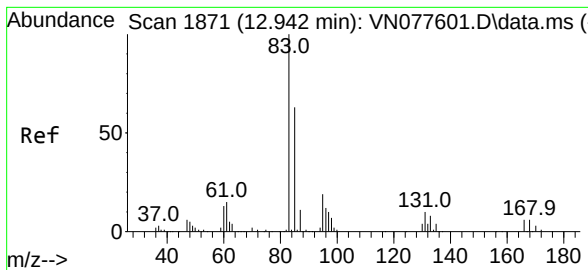
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#70
Isopropylbenzene
Concen: 20.424 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

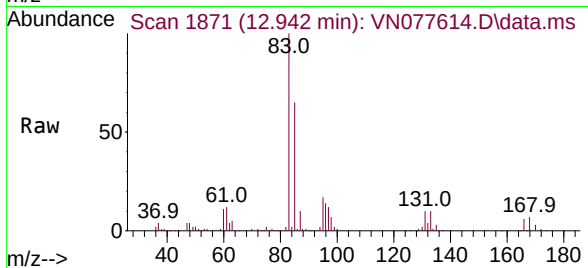
Tgt Ion:105 Resp: 796307
Ion Ratio Lower Upper
105 100
120 26.3 18.5 34.3





#71
1,1,2,2-Tetrachloroethane
Concen: 20.310 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

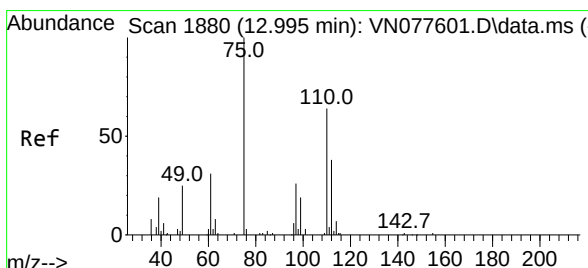
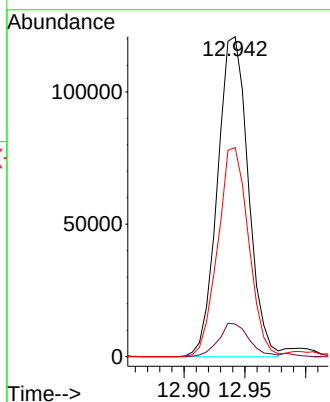
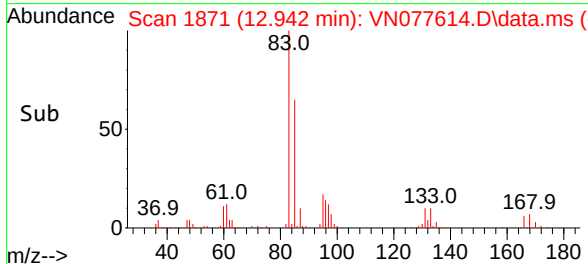
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



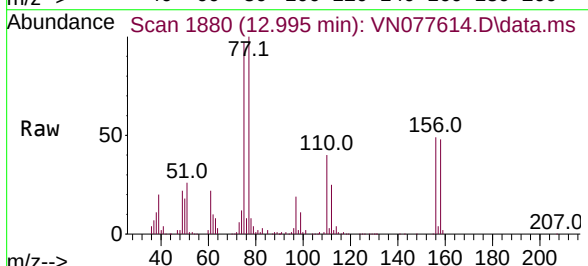
Tgt Ion: 83 Resp: 212352
Ion Ratio Lower Upper
83 100
131 10.4 4.8 14.3
85 65.5 33.4 100.2

Manual Integrations
APPROVED

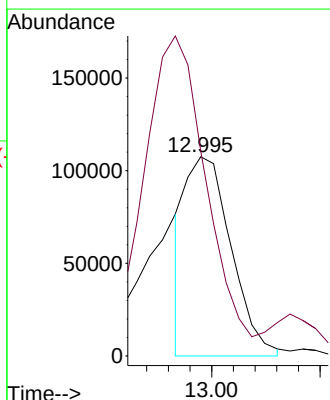
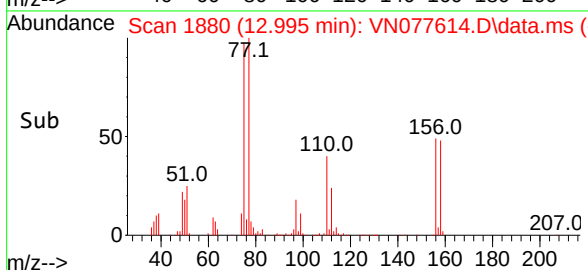
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

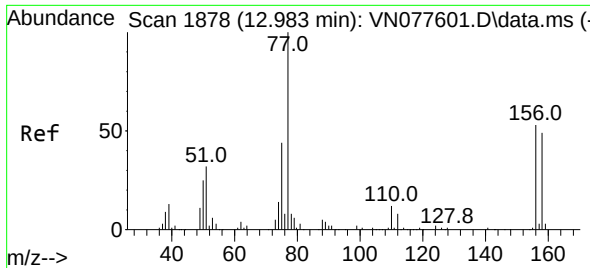


#72
1,2,3-Trichloropropane
Concen: 18.124 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



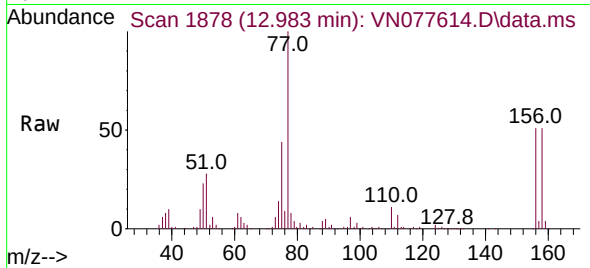
Tgt Ion: 75 Resp: 157679
Ion Ratio Lower Upper
75 100
77 221.1 0.0 354.6





#73
Bromobenzene
Concen: 20.169 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

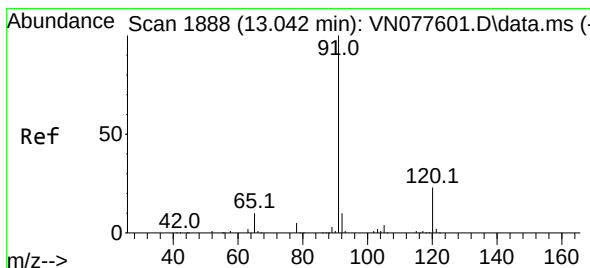
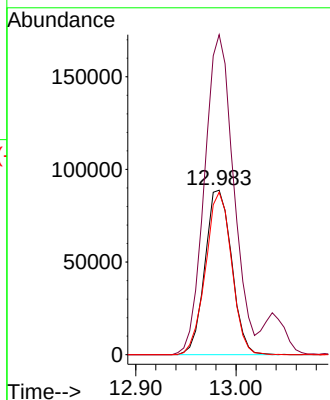
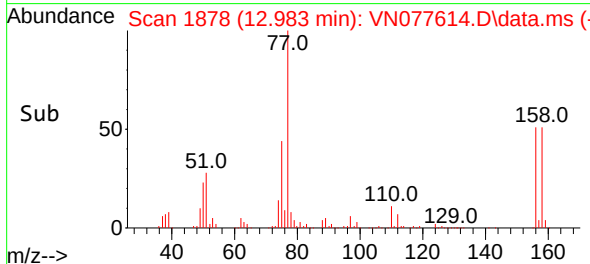
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



Tgt Ion:156 Resp: 164429
Ion Ratio Lower Upper
156 100
77 212.0 0.0 466.4
158 96.3 0.0 196.2

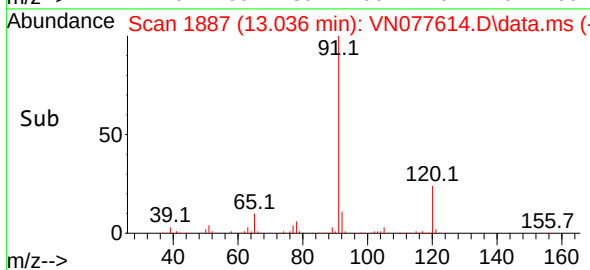
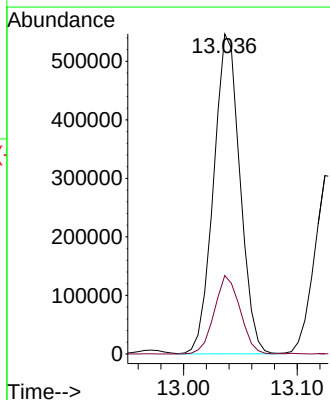
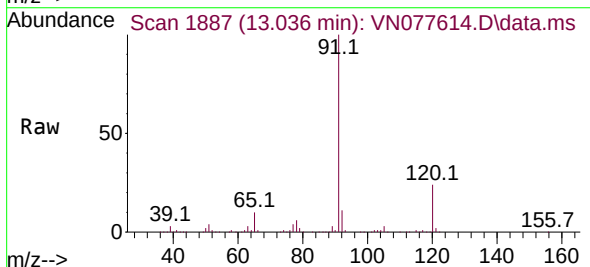
Manual Integrations
APPROVED

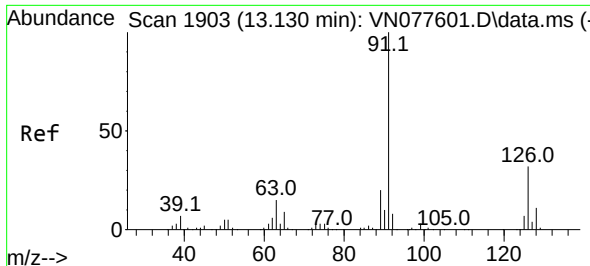
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#74
n-propylbenzene
Concen: 20.276 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion: 91 Resp: 883920
Ion Ratio Lower Upper
91 100
120 23.8 0.0 45.6





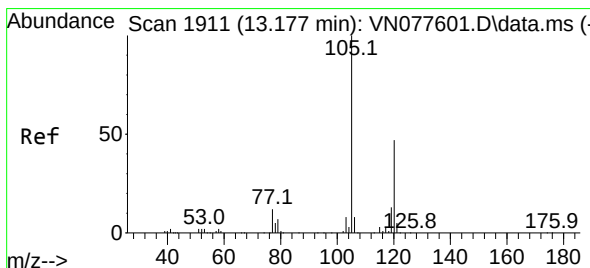
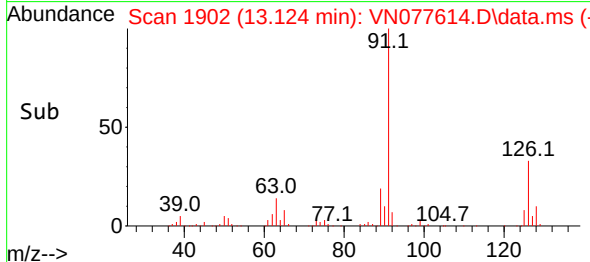
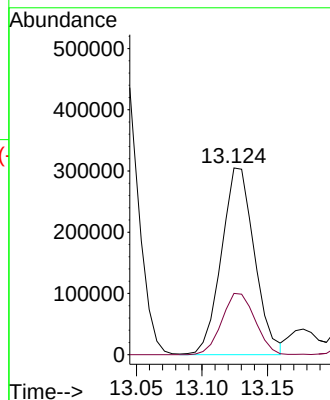
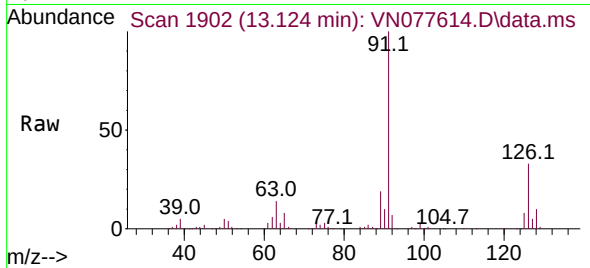
#75
2-Chlorotoluene
Concen: 20.281 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion: 91 Resp: 534729
Ion Ratio Lower Upper
91 100
126 33.0 0.0 65.0

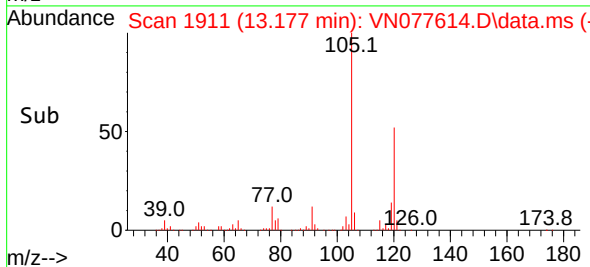
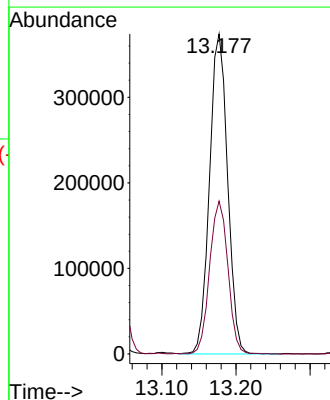
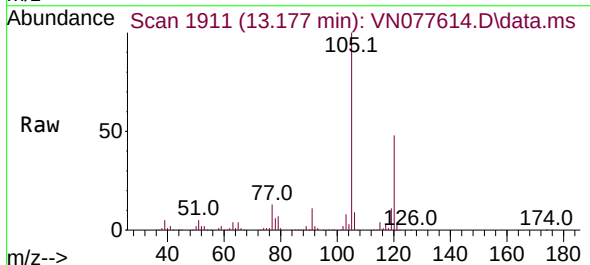
Manual Integrations
APPROVED

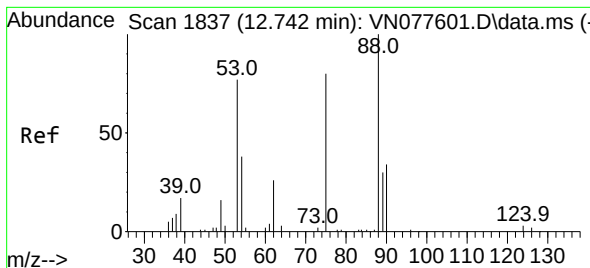
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.586 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

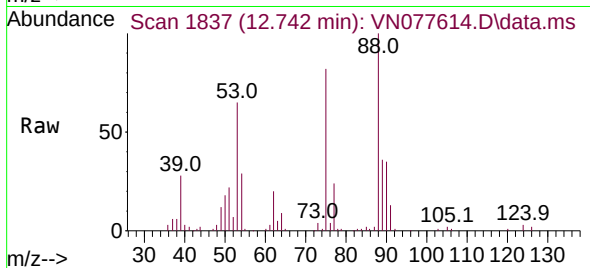
Tgt Ion:105 Resp: 634313
Ion Ratio Lower Upper
105 100
120 48.0 0.0 95.2





#77
t-1,4-Dichloro-2-butene
Concen: 19.889 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

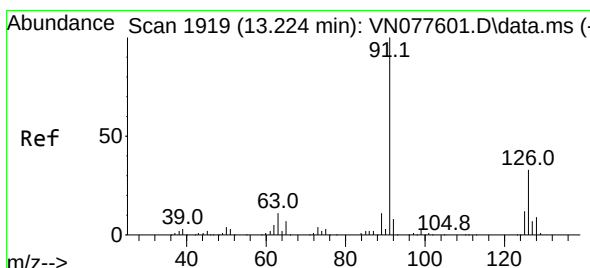
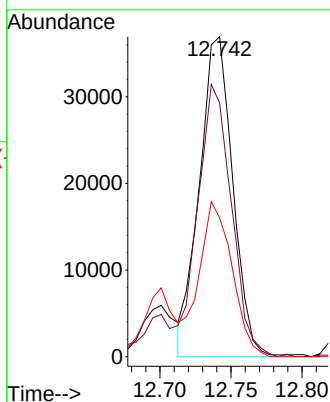
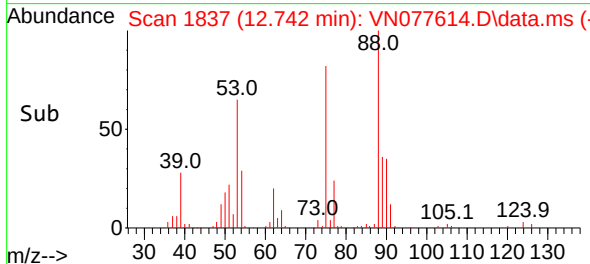
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



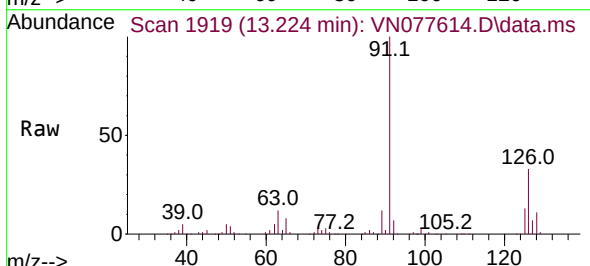
Tgt Ion: 75 Resp: 60280
Ion Ratio Lower Upper
75 100
53 79.7 46.9 140.7
89 43.6 21.0 63.0

Manual Integrations
APPROVED

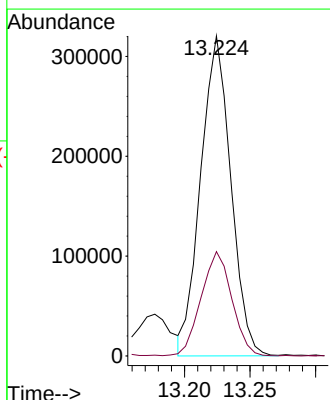
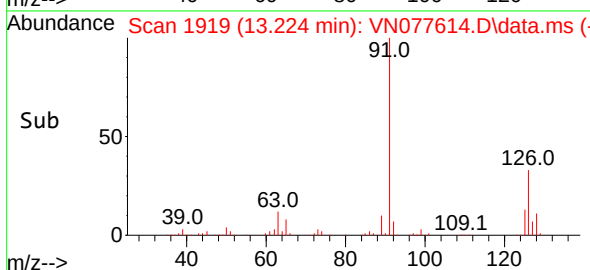
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023

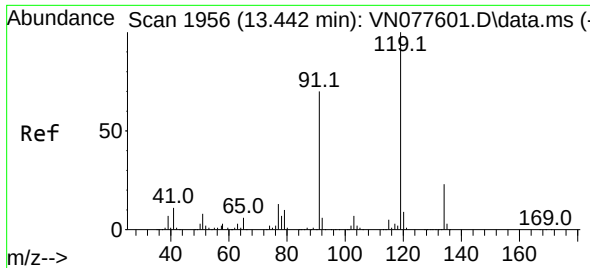


#78
4-Chlorotoluene
Concen: 19.905 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



Tgt Ion: 91 Resp: 512430
Ion Ratio Lower Upper
91 100
126 33.3 0.0 64.6





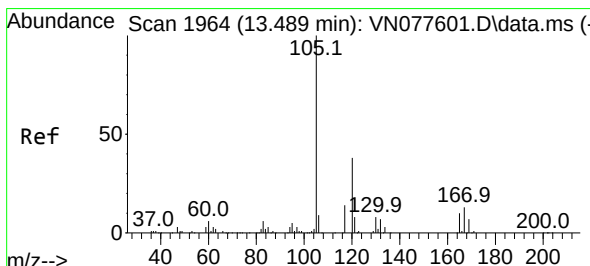
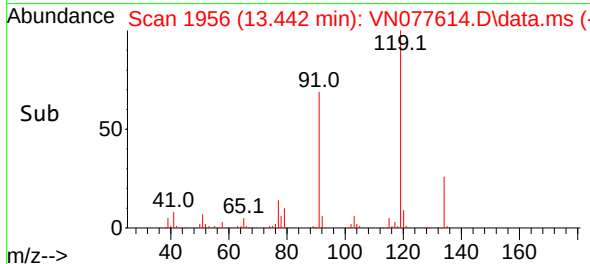
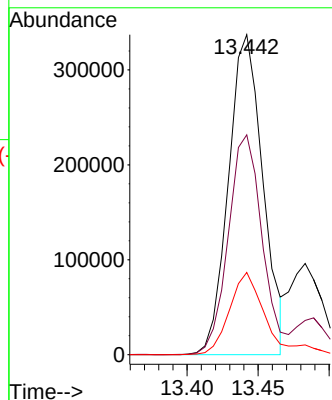
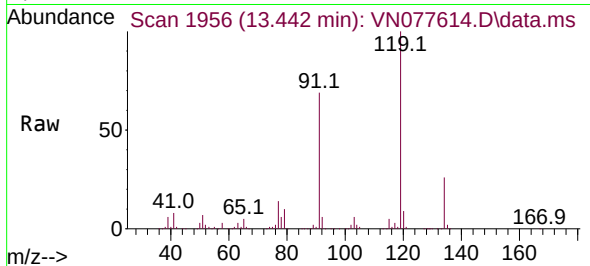
#79
tert-butylbenzene
Concen: 20.618 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion:119 Resp: 56896
Ion Ratio Lower Upper
119 100
91 67.9 0.0 141.6
134 25.0 0.0 46.6

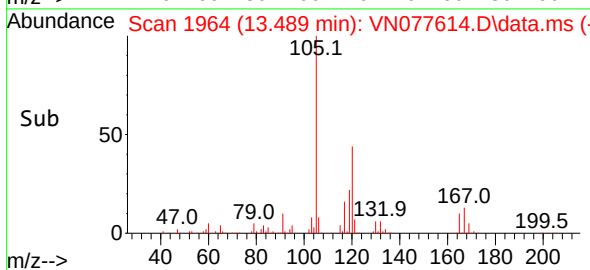
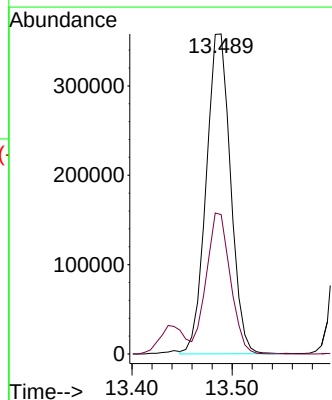
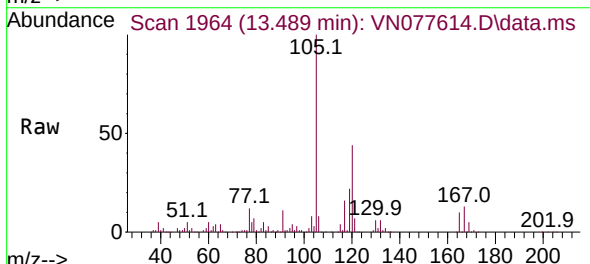
Manual Integrations
APPROVED

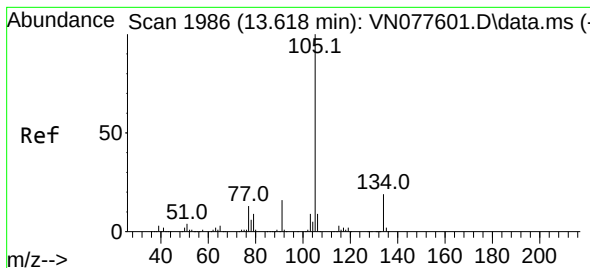
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.231 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion:105 Resp: 604975
Ion Ratio Lower Upper
105 100
120 43.4 0.0 88.0





#81

sec-Butylbenzene

Concen: 20.608 ug/l

RT: 13.618 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050823

Tgt Ion:105 Resp: 79823

Ion Ratio Lower Upper

105 100

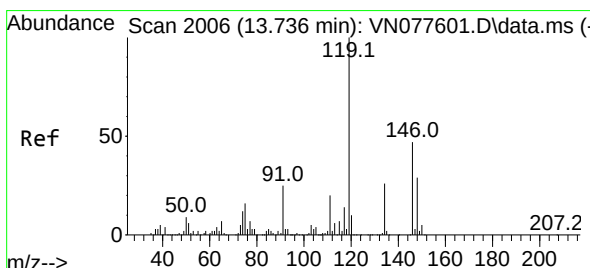
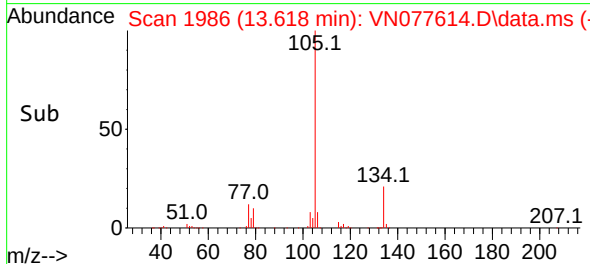
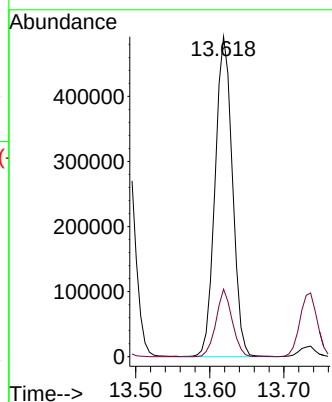
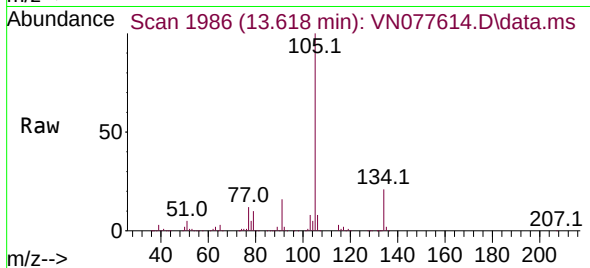
134 19.6 0.0 37.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#82

p-Isopropyltoluene

Concen: 20.415 ug/l

RT: 13.730 min Scan# 2005

Delta R.T. -0.006 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

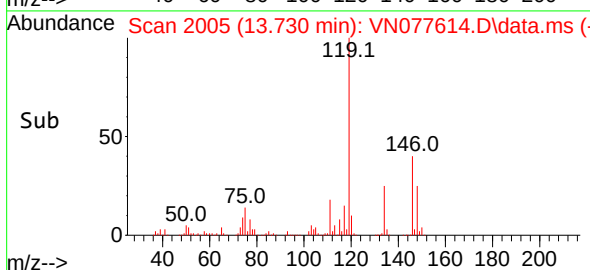
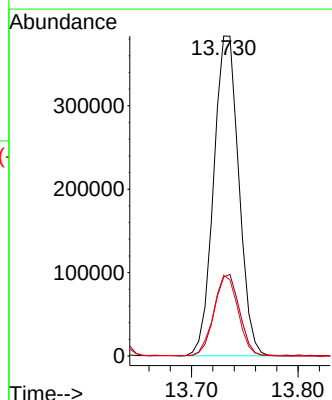
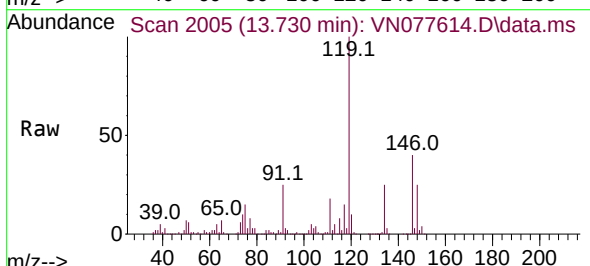
Tgt Ion:119 Resp: 629186

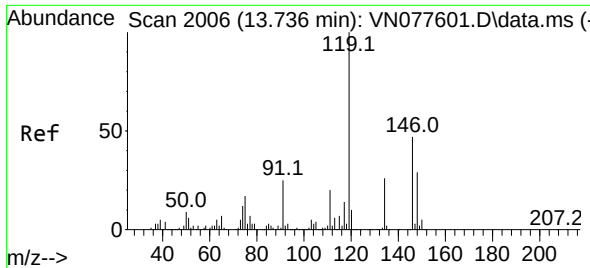
Ion Ratio Lower Upper

119 100

134 25.4 0.0 52.2

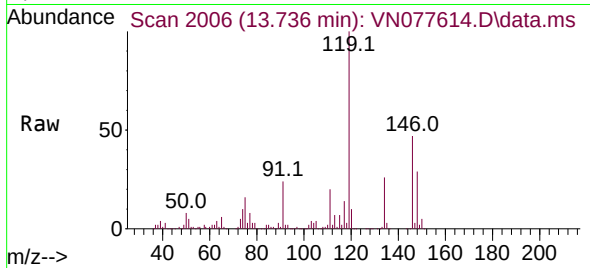
91 24.5 0.0 51.2





#83
1,3-Dichlorobenzene
Concen: 19.608 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

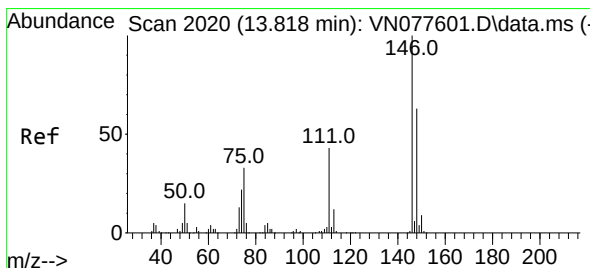
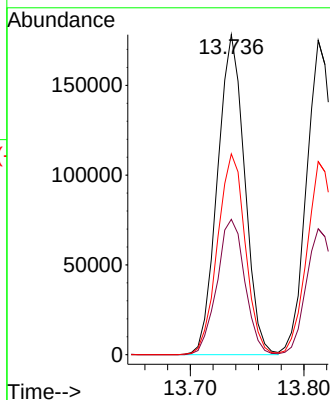
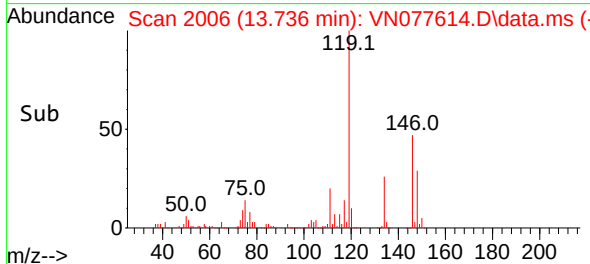
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



Tgt Ion:146 Resp: 29685
Ion Ratio Lower Upper
146 100
111 43.4 22.1 66.1
148 64.1 32.5 97.4

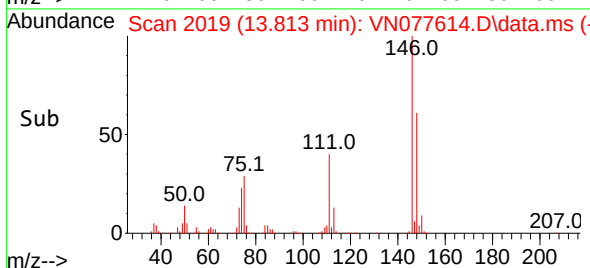
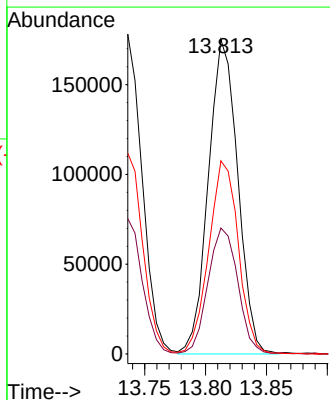
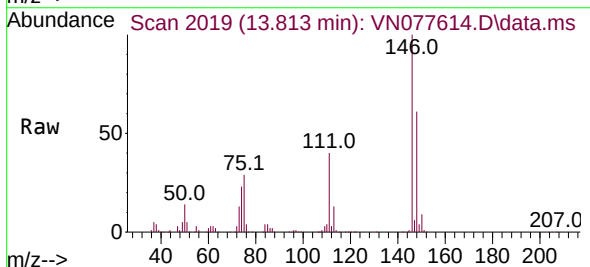
Manual Integrations
APPROVED

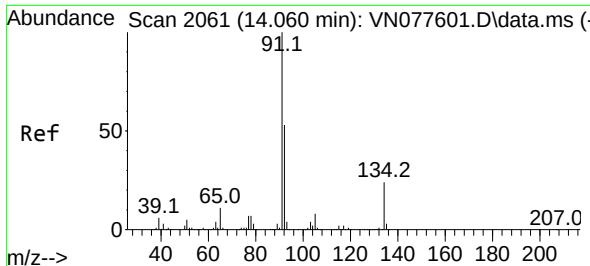
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#84
1,4-Dichlorobenzene
Concen: 19.868 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.005 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

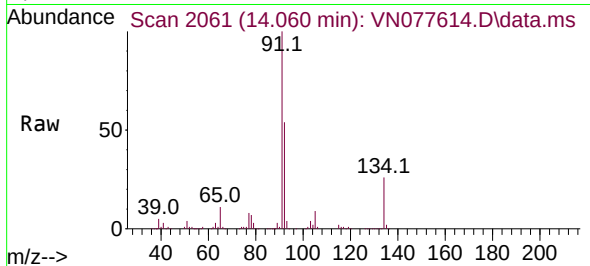
Tgt Ion:146 Resp: 294458
Ion Ratio Lower Upper
146 100
111 40.6 20.8 62.4
148 61.9 31.1 93.5





#85
n-Butylbenzene
Concen: 19.651 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

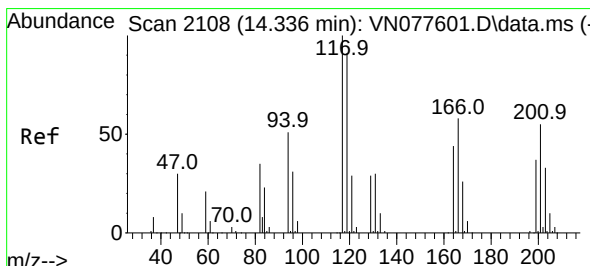
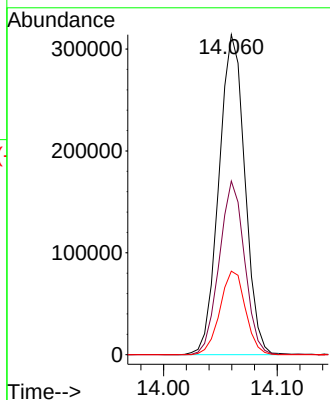
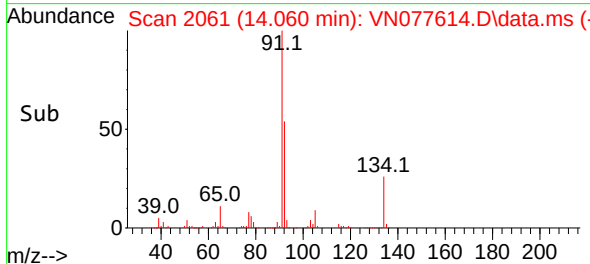
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



Tgt Ion: 91 Resp: 49824
Ion Ratio Lower Upper
91 100
92 52.9 0.0 107.0
134 25.7 0.0 50.2

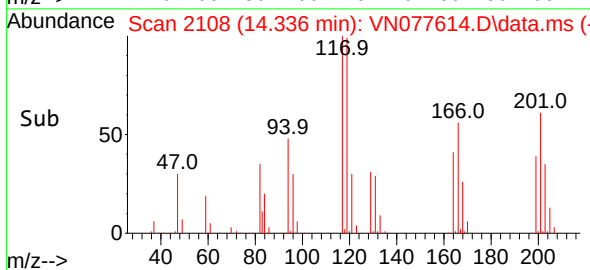
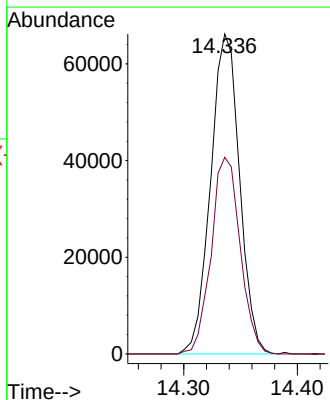
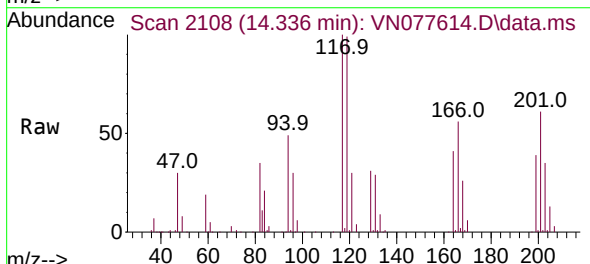
Manual Integrations
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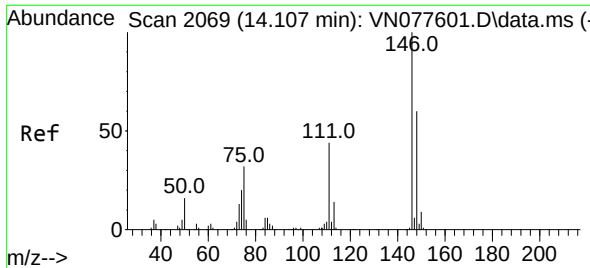
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#86
Hexachloroethane
Concen: 20.428 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion:117 Resp: 117334
Ion Ratio Lower Upper
117 100
201 61.5 28.1 84.4





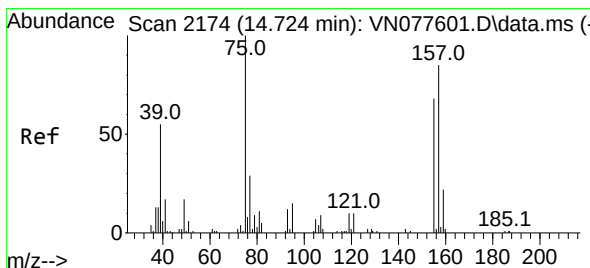
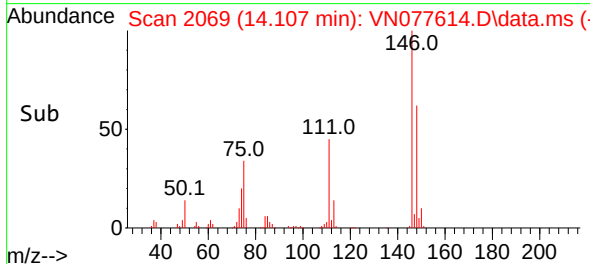
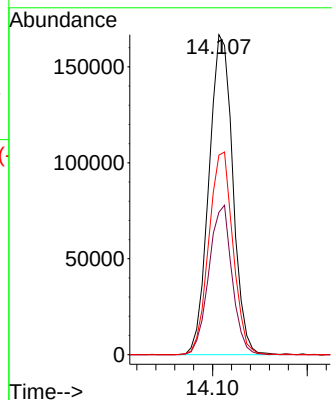
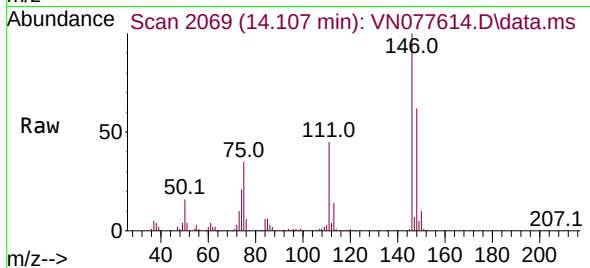
#87
1,2-Dichlorobenzene
Concen: 19.814 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823

Tgt Ion:146 Resp: 291178
Ion Ratio Lower Upper
146 100
111 45.5 22.7 68.0
148 64.2 31.0 93.0

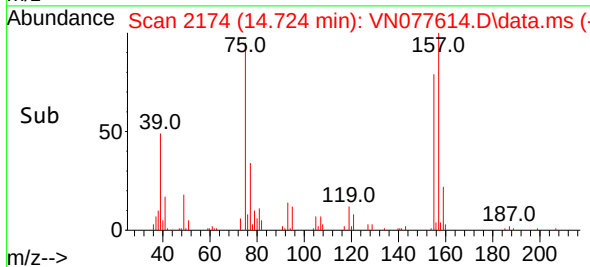
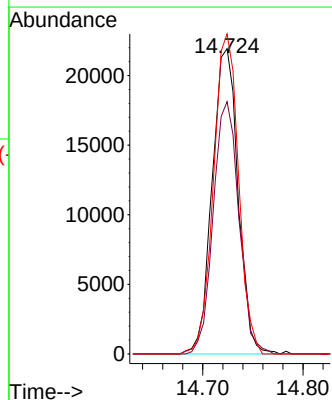
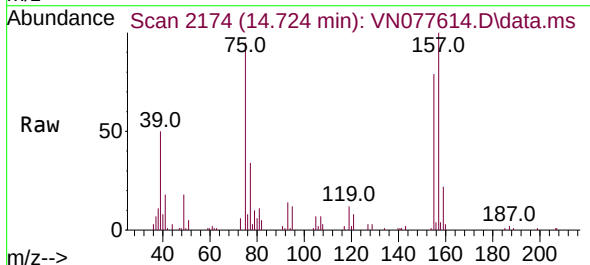
Manual Integrations
APPROVED

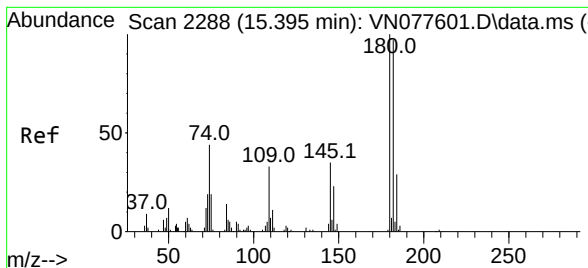
Reviewed By :John Carlone 05/09/2023
Supervised By :Mahesh Dadoda 05/09/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.689 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

Tgt Ion: 75 Resp: 39310
Ion Ratio Lower Upper
75 100
155 81.9 63.1 94.7
157 101.2 75.5 113.3





#89

1,2,4-Trichlorobenzene

Concen: 18.018 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

Instrument :

MSVOA_N

ClientSampleId :

ICVVN050823

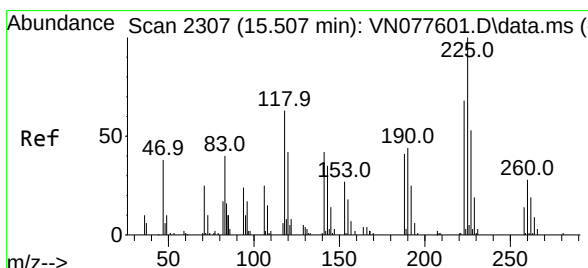
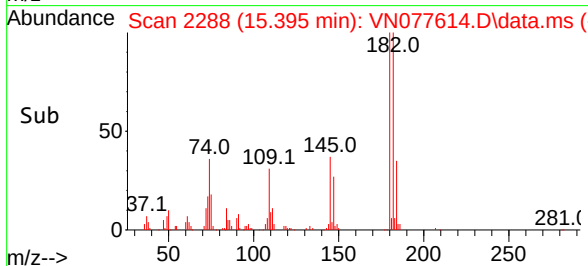
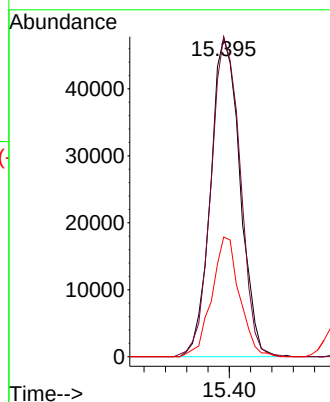
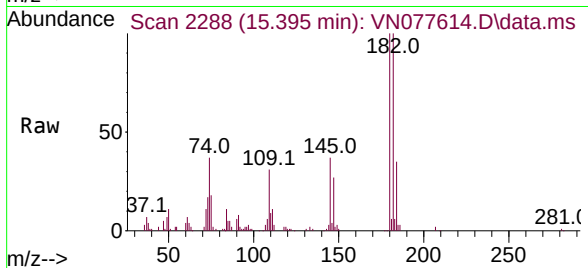
Tgt Ion:	180	Resp:	91228
Ion Ratio	Lower	Upper	
180	100		
182	99.5	75.1	112.7
145	35.4	28.6	43.0

Manual Integrations

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Reviewed By :John Carlone 05/09/2023

Supervised By :Mahesh Dadoda 05/09/2023



#90

Hexachlorobutadiene

Concen: 21.612 ug/l

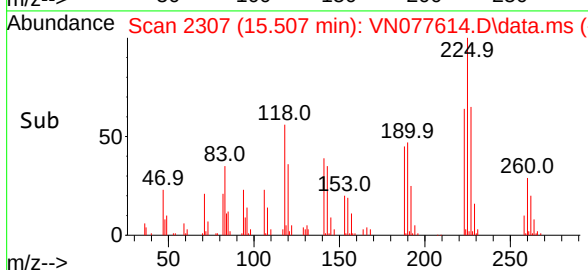
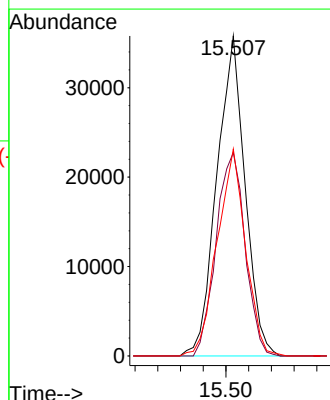
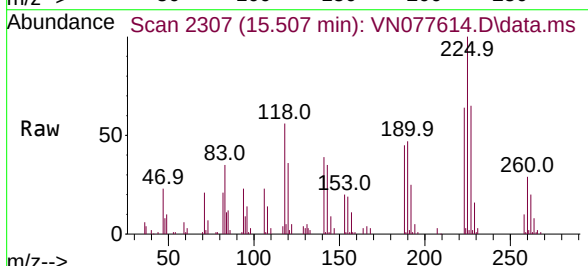
RT: 15.507 min Scan# 2307

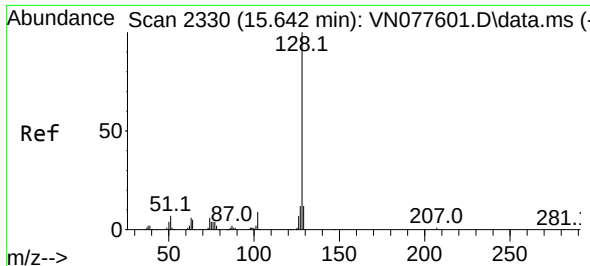
Delta R.T. -0.000 min

Lab File: VN077614.D

Acq: 08 May 2023 13:00

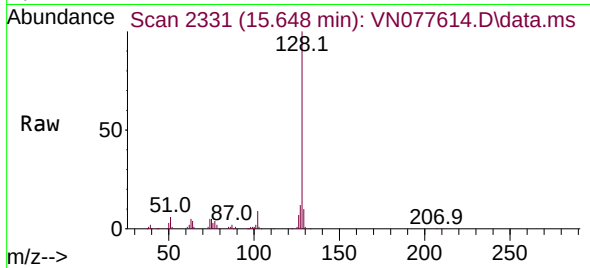
Tgt Ion:	225	Resp:	61702
Ion Ratio	Lower	Upper	
225	100		
223	65.3	0.0	132.2
227	64.9	0.0	116.2





#91
Naphthalene
Concen: 19.005 ug/l
RT: 15.648 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00

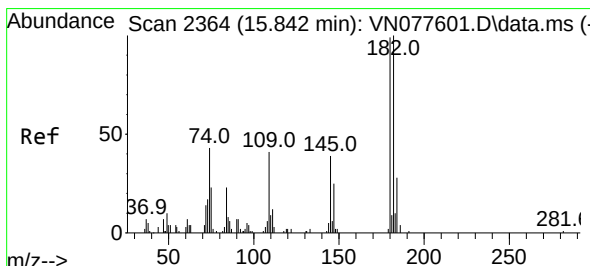
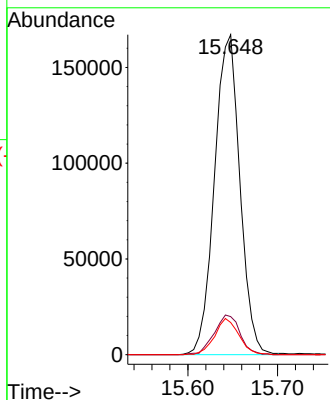
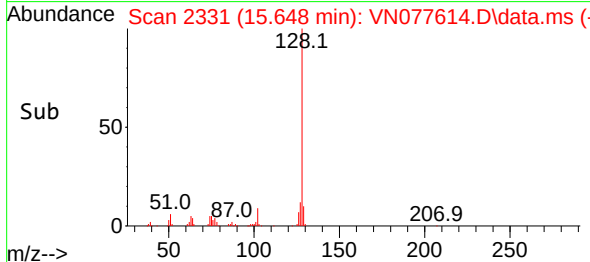
Instrument :
MSVOA_N
ClientSampleId :
ICVVN050823



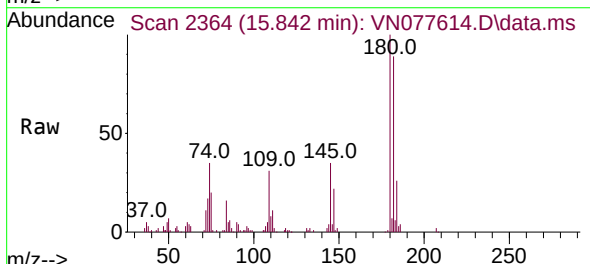
Tgt Ion:128 Resp: 328690
Ion Ratio Lower Upper
128 100
127 12.5 9.6 14.4
129 10.7 9.1 13.7

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 18.426 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077614.D
Acq: 08 May 2023 13:00



Tgt Ion:180 Resp: 85918
Ion Ratio Lower Upper
180 100
182 96.7 0.0 193.4
145 36.2 0.0 78.6

