

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077442.D
 Acq On : 24 Apr 2023 17:35
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042423

Quant Time: Apr 25 02:06:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/25/2023
 Supervised By : Mahesh Dadoda 04/25/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	606150	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1137544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1050936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	446044	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	428212	54.169	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.340%	
35) Dibromofluoromethane	8.172	113	368374	54.028	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.060%	
50) Toluene-d8	10.566	98	1433546	54.980	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.960%	
62) 4-Bromofluorobenzene	12.854	95	495954	58.031	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 116.060%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.137	85	378313	48.899	ug/l	97
3) Chloromethane	2.372	50	283138	46.599	ug/l	96
4) Vinyl Chloride	2.525	62	386760	47.783	ug/l	98
5) Bromomethane	2.954	94	321735	41.986	ug/l	94
6) Chloroethane	3.125	64	261071	42.454	ug/l	100
7) Trichlorofluoromethane	3.501	101	558299	46.928	ug/l	98
8) Diethyl Ether	3.966	74	213768	49.448	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.378	101	332105	48.000	ug/l	99
10) Methyl Iodide	4.601	142	425168	50.417	ug/l	95
11) Tert butyl alcohol	5.525	59	299467	256.489	ug/l	99
12) 1,1-Dichloroethene	4.348	96	314426	46.236	ug/l	98
13) Acrolein	4.190	56	282360	225.645	ug/l	98
14) Allyl chloride	5.031	41	377178	50.152	ug/l	97
15) Acrylonitrile	5.731	53	699560	242.858	ug/l	99
16) Acetone	4.437	43	585337	232.613	ug/l	98
17) Carbon Disulfide	4.725	76	777714	45.246	ug/l	99
18) Methyl Acetate	5.031	43	460480	47.387	ug/l	99
19) Methyl tert-butyl Ether	5.801	73	1127386	50.115	ug/l	99
20) Methylene Chloride	5.278	84	362372	45.410	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	337777	46.179	ug/l	100
22) Diisopropyl ether	6.678	45	848501	49.159	ug/l	99
23) Vinyl Acetate	6.613	43	2685046	249.089	ug/l	98
24) 1,1-Dichloroethane	6.578	63	591329	48.399	ug/l	98
25) 2-Butanone	7.484	43	843000	236.198	ug/l	98
26) 2,2-Dichloropropane	7.495	77	577788	48.771	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	421068	48.606	ug/l	100
28) Bromochloromethane	7.813	49	251141	53.827	ug/l	99
29) Tetrahydrofuran	7.842	42	533617	238.628	ug/l	98
30) Chloroform	7.966	83	678259	49.259	ug/l	93
31) Cyclohexane	8.260	56	486407	36.846	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	616692	48.715	ug/l	98
36) 1,1-Dichloropropene	8.378	75	484507	49.051	ug/l	99
37) Ethyl Acetate	7.566	43	354114	47.178	ug/l	97
38) Carbon Tetrachloride	8.366	117	533699	48.971	ug/l	94
39) Methylcyclohexane	9.601	83	646310	49.662	ug/l	97
40) Benzene	8.613	78	1465981	48.718	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	181255	46.365	ug/l	92
42) 1,2-Dichloroethane	8.672	62	505581	48.918	ug/l	99
43) Isopropyl Acetate	8.695	43	649026	49.982	ug/l	99
44) Trichloroethene	9.354	130	384147	49.860	ug/l	98
45) 1,2-Dichloropropane	9.625	63	352192	49.965	ug/l	98
46) Dibromomethane	9.713	93	273204	47.767	ug/l	96
47) Bromodichloromethane	9.889	83	556013	50.258	ug/l	98
48) Methyl methacrylate	9.683	41	293129	49.592	ug/l	96
49) 1,4-Dioxane	9.695	88	142696	962.461	ug/l	99
51) 4-Methyl-2-Pentanone	10.448	43	1820430	239.014	ug/l	99
52) Toluene	10.630	92	983042	49.868	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	602983	53.826	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	637774	52.303	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	397055	50.089	ug/l	97
56) Ethyl methacrylate	10.877	69	573166	51.601	ug/l	95
57) 1,3-Dichloropropane	11.166	76	642317	50.870	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	1052450	280.130	ug/l	99
59) 2-Hexanone	11.195	43	1357465	245.194	ug/l	100
60) Dibromochloromethane	11.360	129	421620	51.249	ug/l	100
61) 1,2-Dibromoethane	11.472	107	403318	49.835	ug/l	100
64) Tetrachloroethene	11.107	164	295552	46.980	ug/l	96
65) Chlorobenzene	11.895	112	1047272	47.093	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.960	131	385871	47.691	ug/l	98
67) Ethyl Benzene	11.966	91	1908822	48.759	ug/l	99
68) m/p-Xylenes	12.071	106	1488002	97.797	ug/l	100
69) o-Xylene	12.401	106	740486	49.478	ug/l	99
70) Styrene	12.413	104	1200975	51.313	ug/l	99
71) Bromoform	12.577	173	276802	52.292	ug/l #	99
73) Isopropylbenzene	12.701	105	1925909	46.530	ug/l	99
74) N-amyl acetate	12.495	43	557893	45.527	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	550831	42.355	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	459359m	43.341	ug/l	
77) Bromobenzene	12.983	156	412417	45.718	ug/l	98
78) n-propylbenzene	13.036	91	2203360	48.144	ug/l	100
79) 2-Chlorotoluene	13.130	91	1303278	46.188	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1601540	52.103	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	177128	49.609	ug/l	91
82) 4-Chlorotoluene	13.224	91	1253407	47.537	ug/l	100
83) tert-Butylbenzene	13.442	119	1376773	46.122	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	1566280	54.561	ug/l	99
85) sec-Butylbenzene	13.618	105	1973614	48.169	ug/l	100
86) p-Isopropyltoluene	13.730	119	1583958	50.245	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	764093	47.628	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	755035	47.704	ug/l	99
89) n-Butylbenzene	14.060	91	1358346	55.677	ug/l	99
90) Hexachloroethane	14.336	117	317067	45.525	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	756371	47.535	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	105943	44.052	ug/l	99
93) 1,2,4-Trichlorobenzene	15.371	180	261439	50.803	ug/l	98
94) Hexachlorobutadiene	15.465	225	161085	50.098	ug/l	97
95) Naphthalene	15.589	128	992635	50.738	ug/l	100
96) 1,2,3-Trichlorobenzene	15.754	180	239444	50.026	ug/l	97

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Manual Integrations
APPROVED

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QLast Update : Tue Apr 25 01:54:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

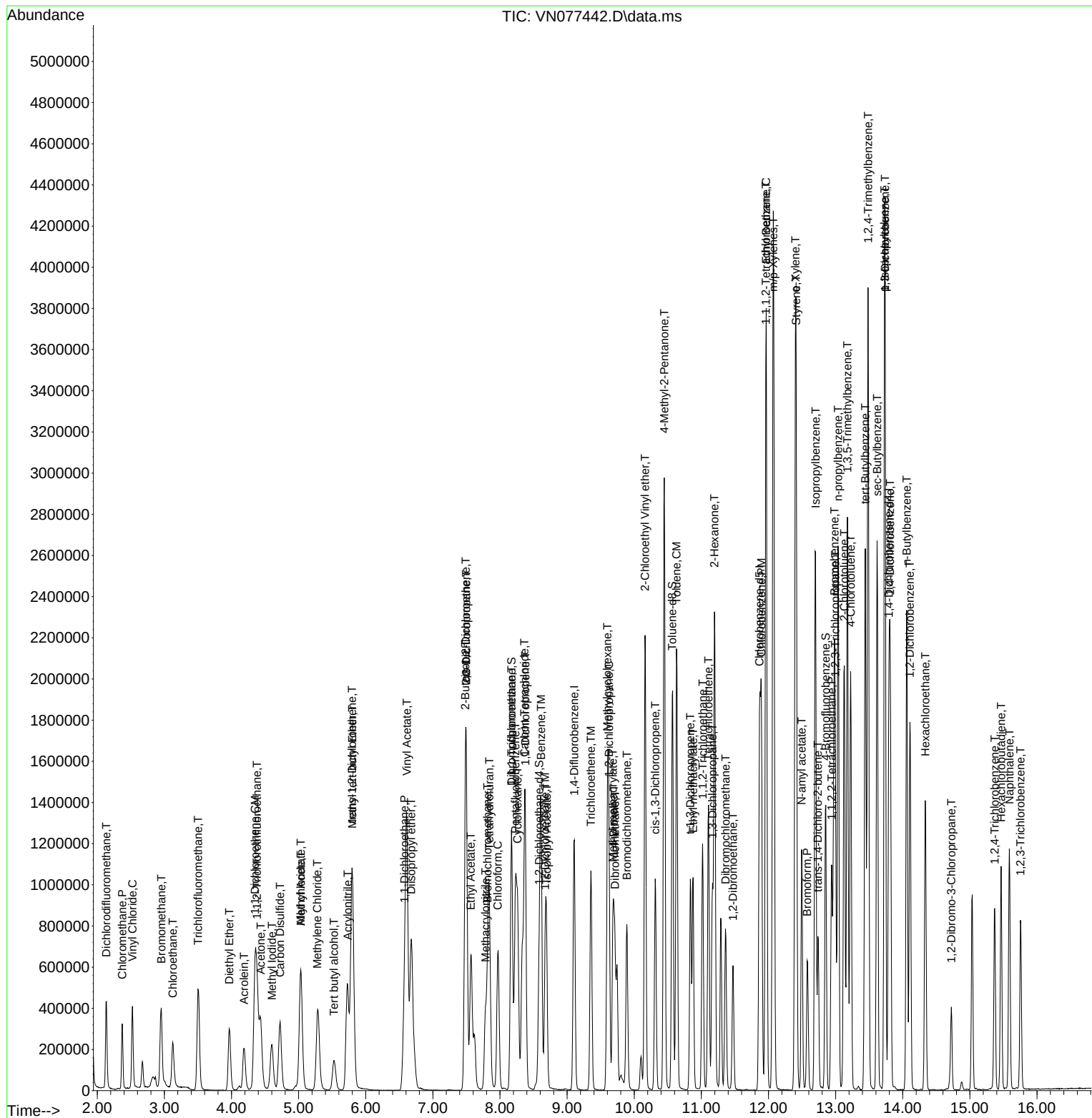
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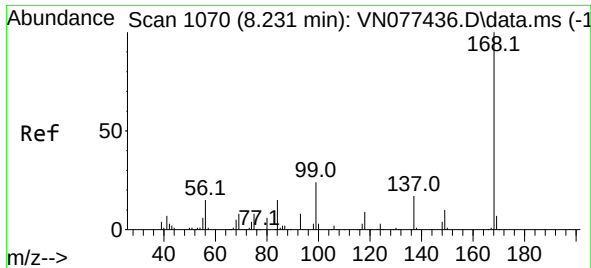
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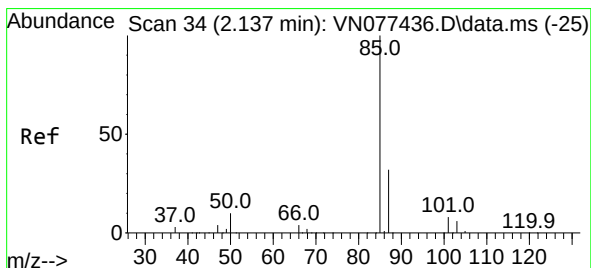
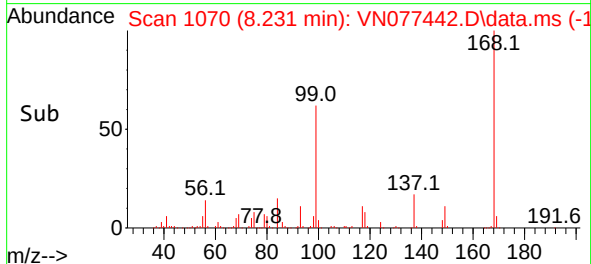
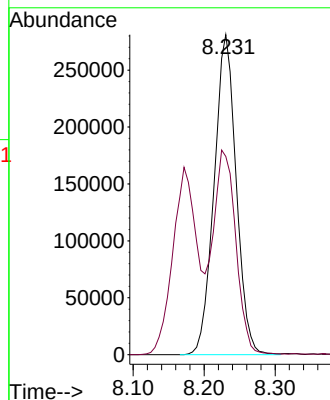
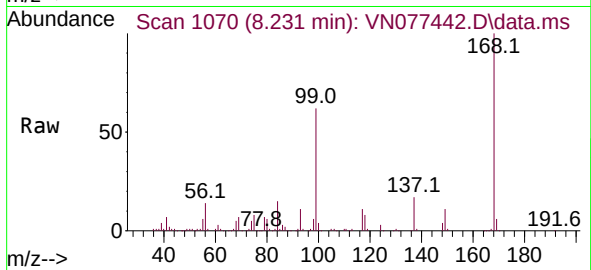
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423

Tgt Ion:168 Resp: 606150
Ion Ratio Lower Upper
168 100
99 61.7 53.0 79.6

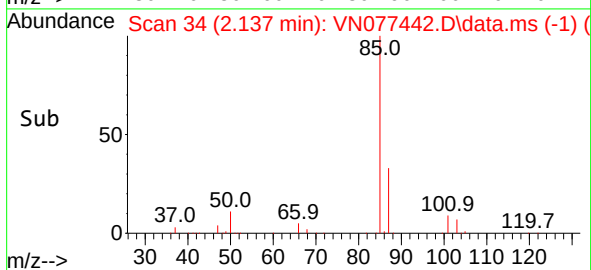
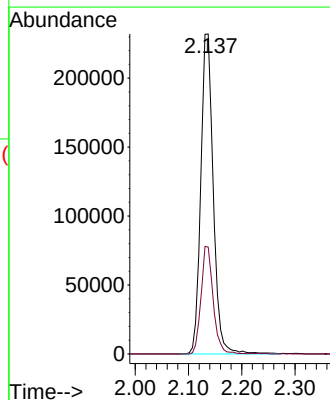
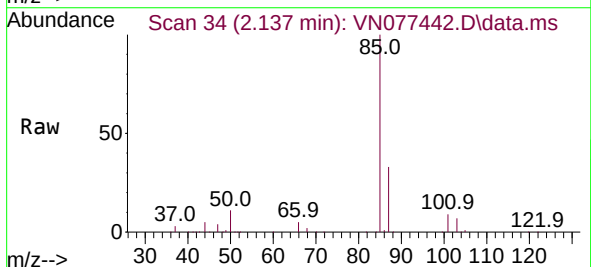
Manual Integrations
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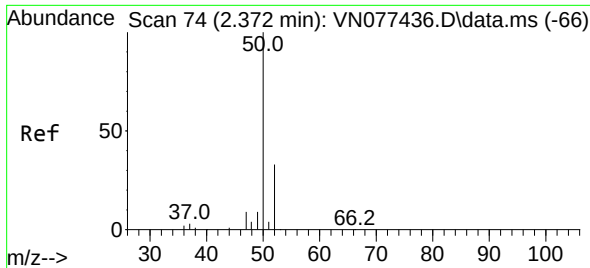
Reviewed By :John Carlone 04/25/2023
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#2
Dichlorodifluoromethane
Concen: 48.899 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077442.D
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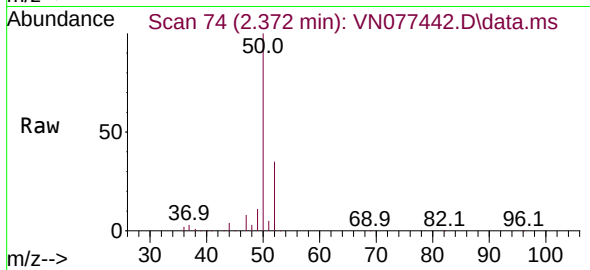
Tgt Ion: 85 Resp: 378313
Ion Ratio Lower Upper
85 100
87 33.4 15.8 47.4





#3
Chloromethane
Concen: 46.599 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

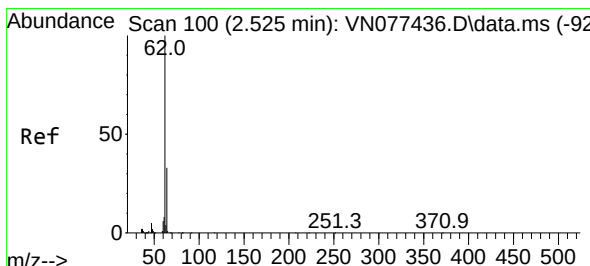
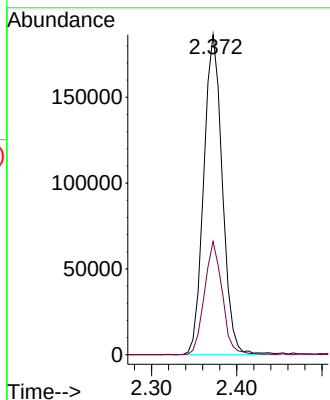
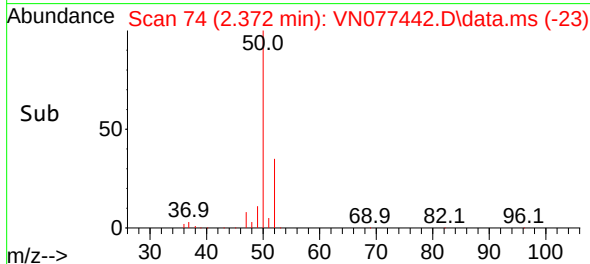
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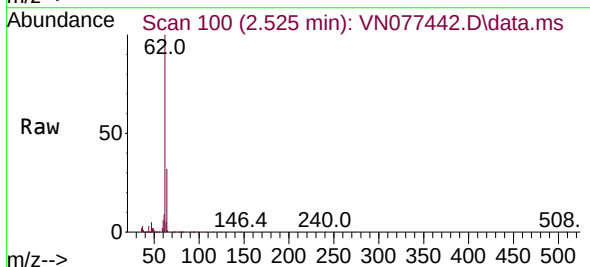
Tgt Ion: 50 Resp: 283138
Ion Ratio Lower Upper
50 100
52 35.4 26.5 39.7

Manual Integrations
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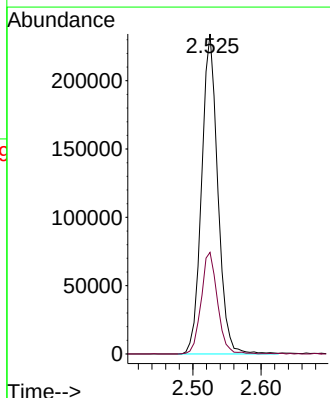
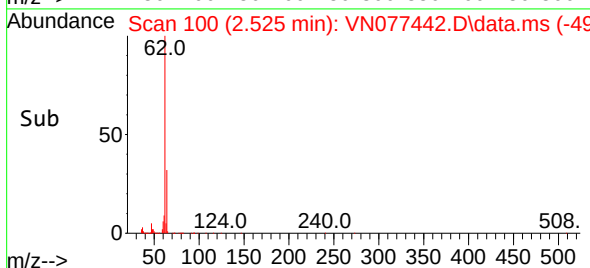
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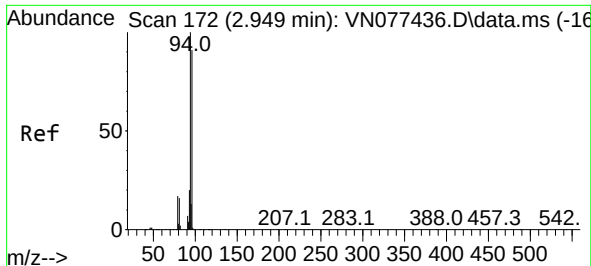


#4
Vinyl Chloride
Concen: 47.783 ug/l
RT: 2.525 min Scan# 100
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



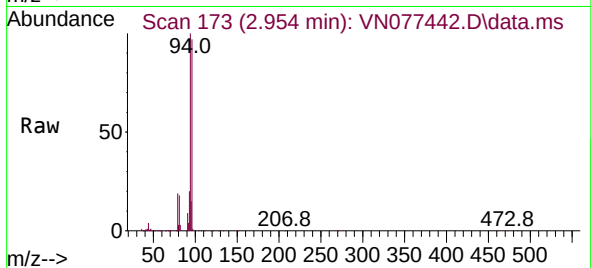
Tgt Ion: 62 Resp: 386760
Ion Ratio Lower Upper
62 100
64 31.8 26.2 39.2





#5
Bromomethane
Concen: 41.986 ug/l
RT: 2.954 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN077442.D
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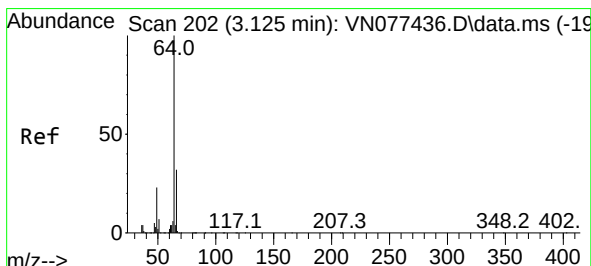
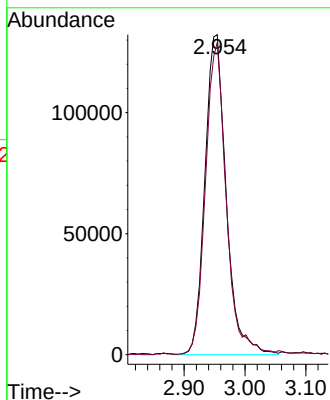
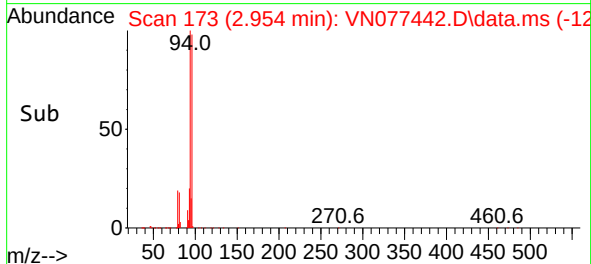
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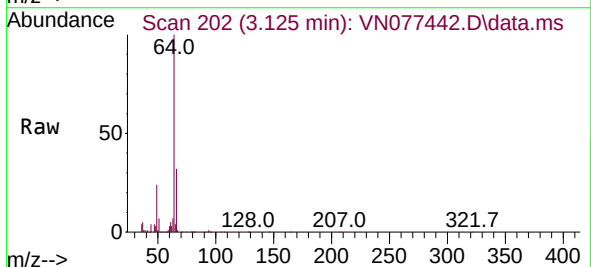
Tgt Ion: 94 Resp: 321738
Ion Ratio Lower Upper
94 100
96 97.3 73.1 109.7

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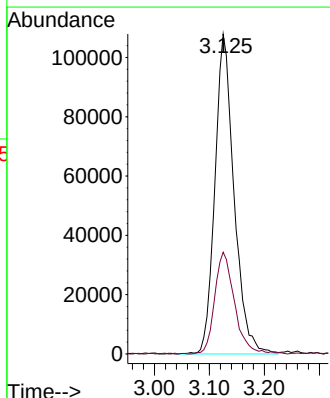
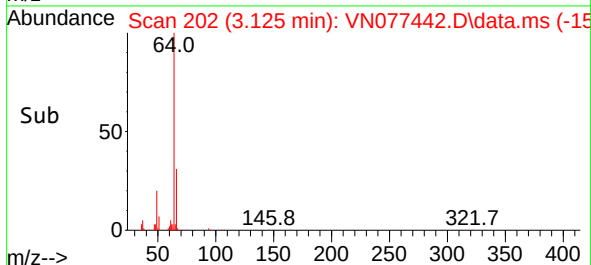
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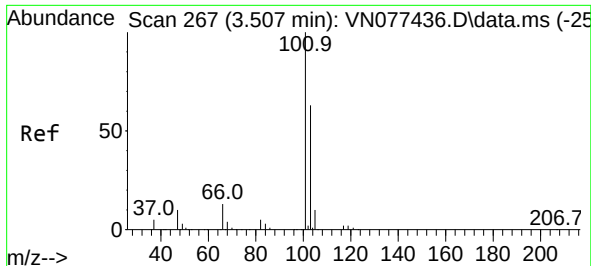


#6
Chloroethane
Concen: 42.454 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



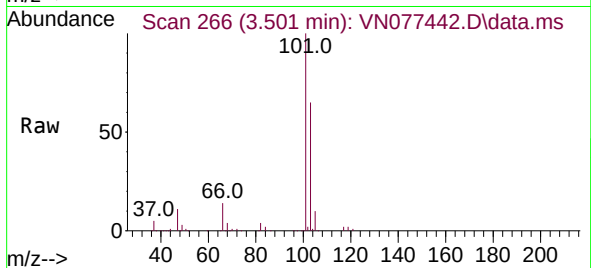
Tgt Ion: 64 Resp: 261071
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 46.928 ug/l
RT: 3.501 min Scan# 20
Delta R.T. -0.006 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

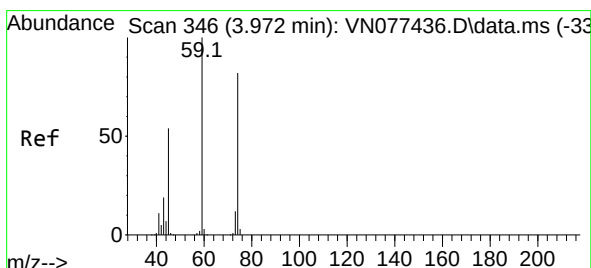
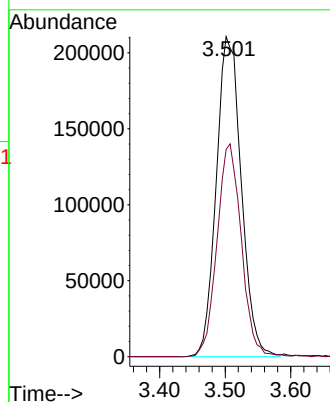
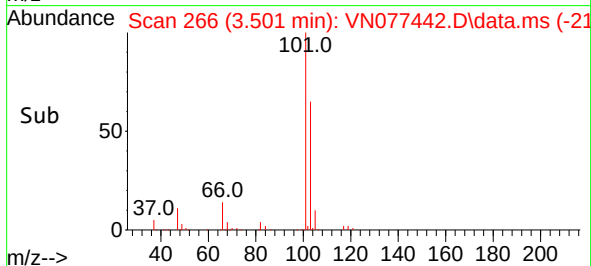
Instrument :
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Tgt Ion:101 Resp: 558299
Ion Ratio Lower Upper
101 100
103 64.7 50.7 76.1

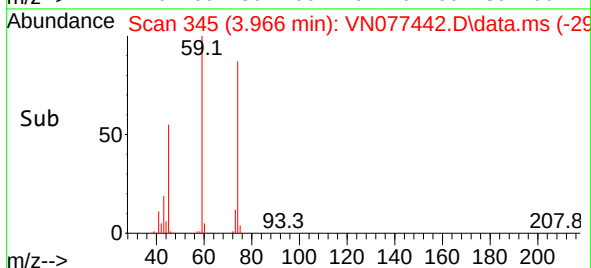
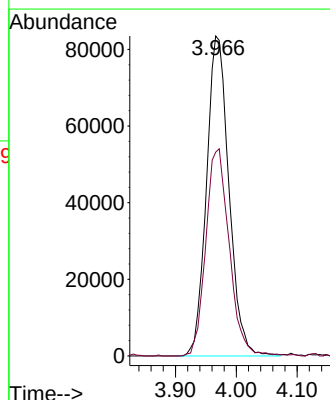
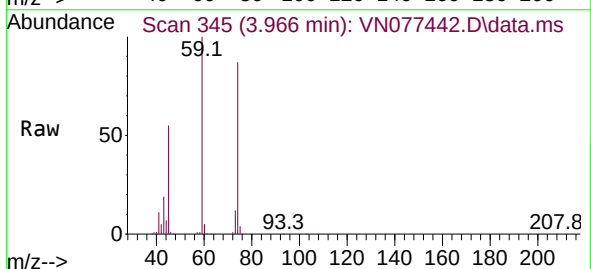
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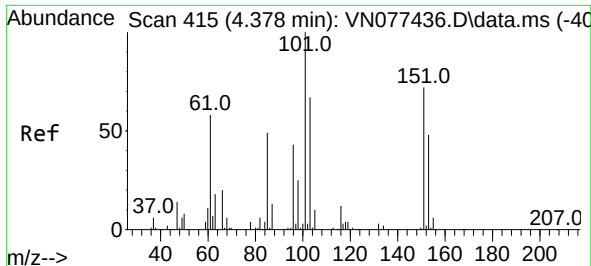
Reviewed By :John Carlone 04/25/2023
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#8
Diethyl Ether
Concen: 49.448 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 213768
Ion Ratio Lower Upper
74 100
45 67.7 34.4 103.3





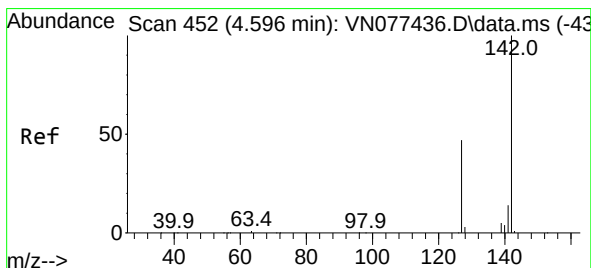
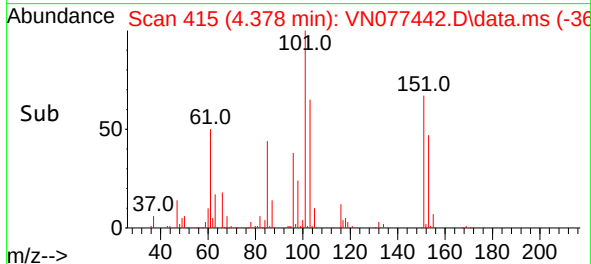
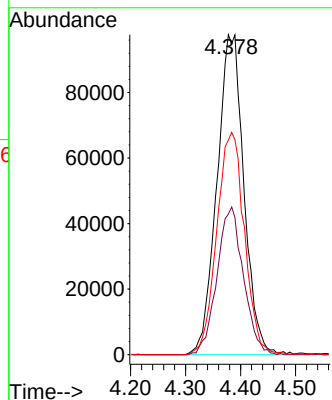
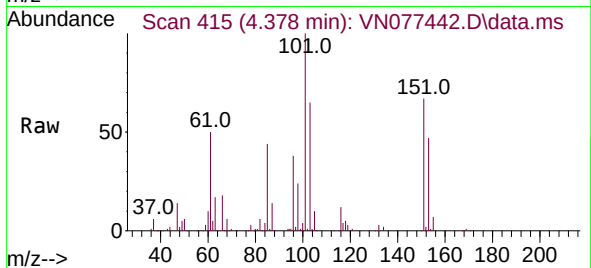
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.000 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423

Tgt Ion:101 Resp: 33210
Ion Ratio Lower Upper
101 100
85 45.3 36.6 55.0
151 71.4 57.6 86.4

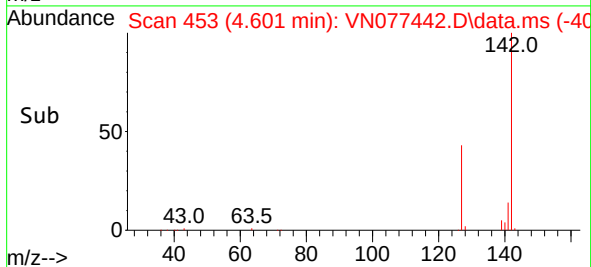
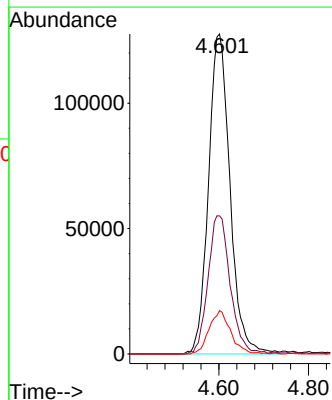
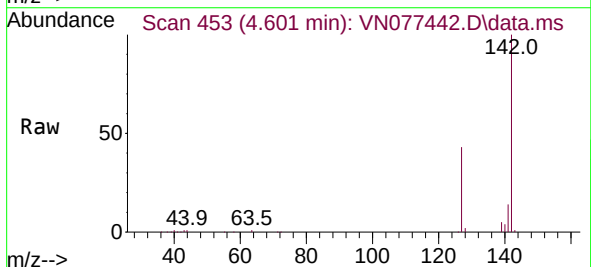
Manual Integrations
APPROVED

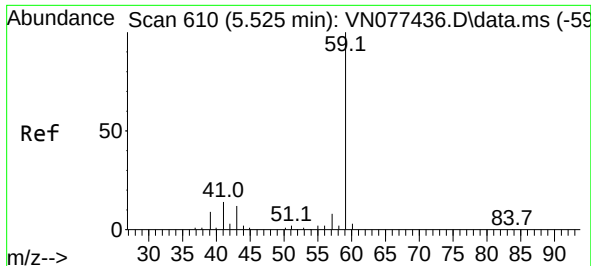
Reviewed By :John Carbone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#10
Methyl Iodide
Concen: 50.417 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.006 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

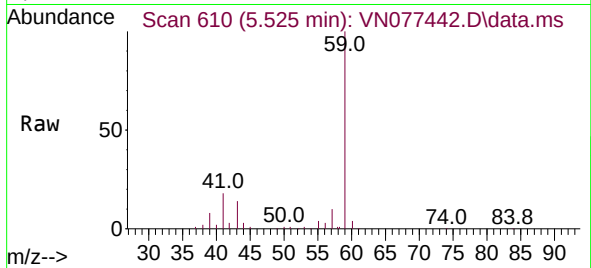
Tgt Ion:142 Resp: 425168
Ion Ratio Lower Upper
142 100
127 43.2 37.6 56.4
141 13.5 11.4 17.0





#11
Tert butyl alcohol
Concen: 256.489 ug/l
RT: 5.525 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

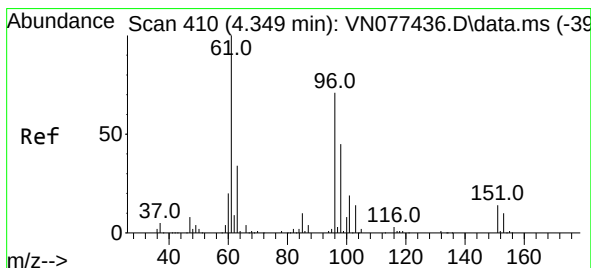
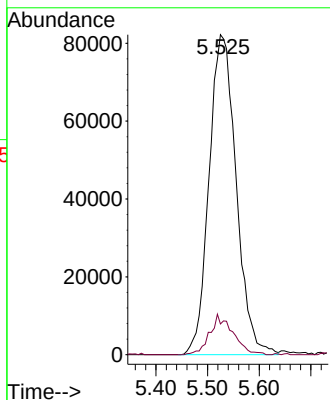
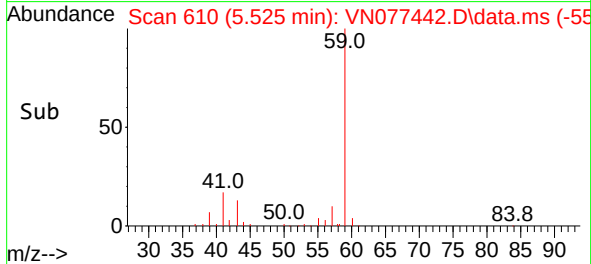
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion: 59 Resp: 29946
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4

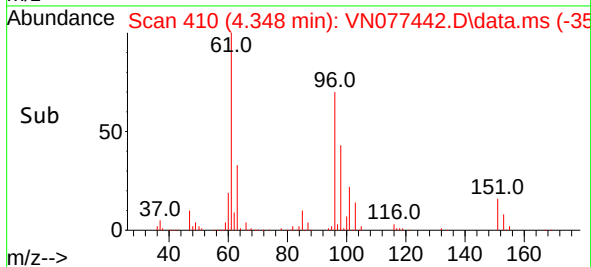
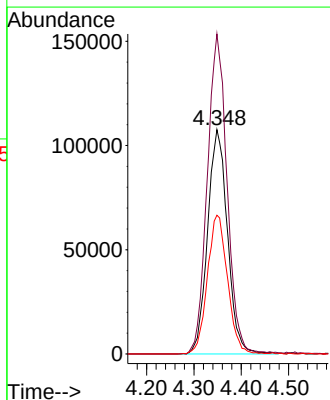
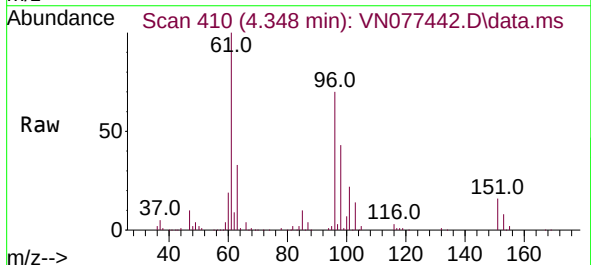
Manual Integrations
APPROVED

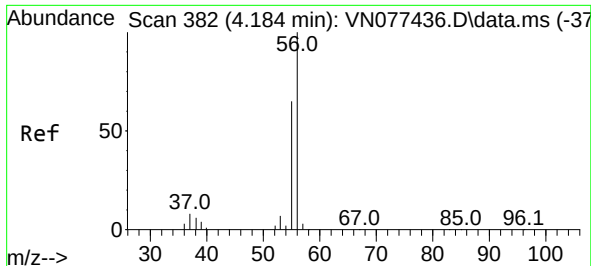
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#12
1,1-Dichloroethene
Concen: 46.236 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

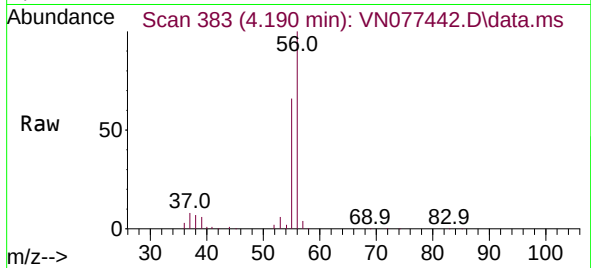
Tgt Ion: 96 Resp: 314426
Ion Ratio Lower Upper
96 100
61 142.7 112.7 169.1
98 61.9 51.2 76.8





#13
Acrolein
Concen: 225.645 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

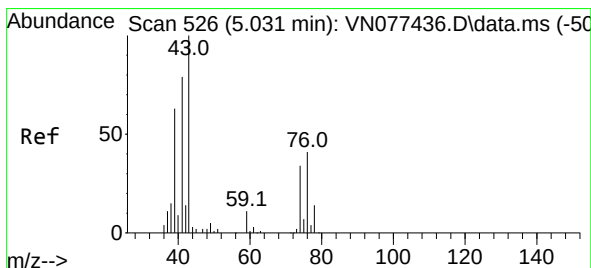
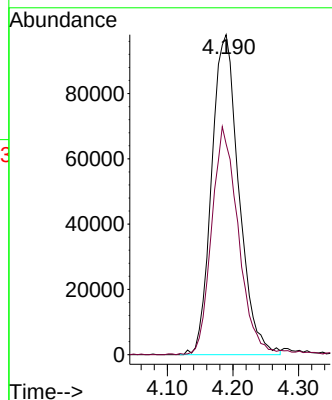
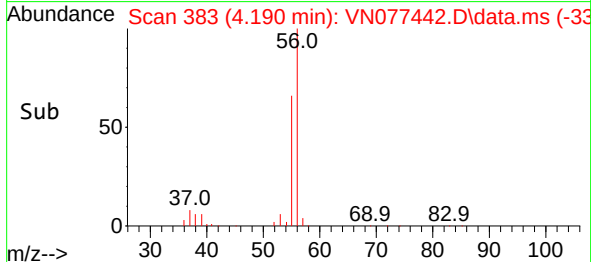
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion: 56 Resp: 282360
Ion Ratio Lower Upper
56 100
55 69.5 54.5 81.7

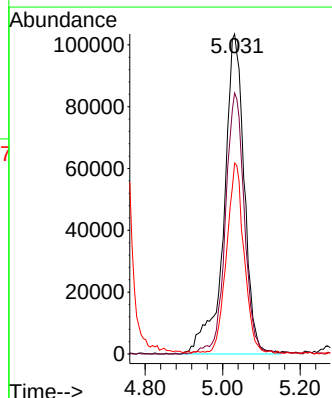
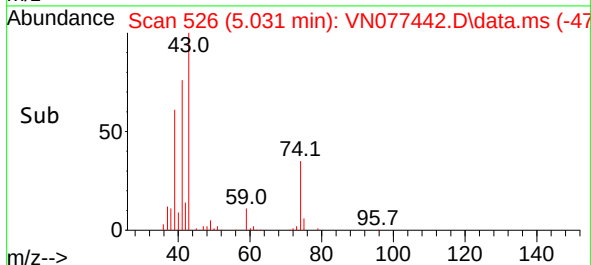
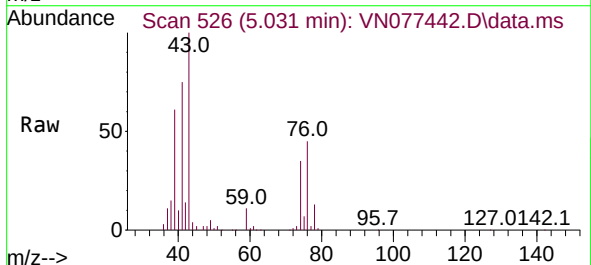
Manual Integrations
APPROVED

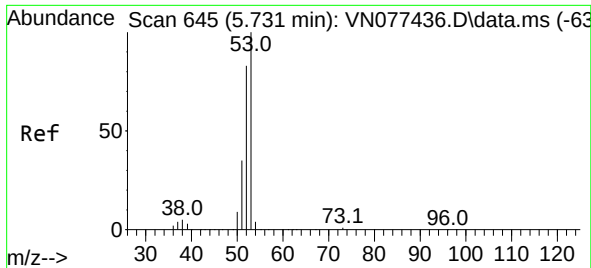
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#14
Allyl chloride
Concen: 50.152 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

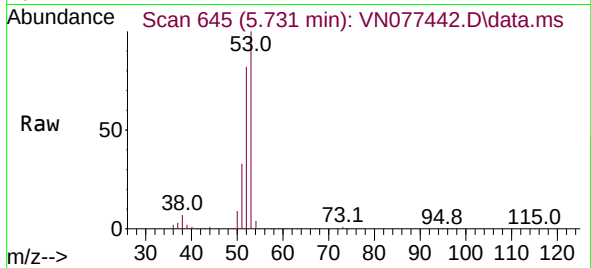
Tgt Ion: 41 Resp: 377178
Ion Ratio Lower Upper
41 100
39 76.0 58.8 88.2
76 50.2 39.1 58.7





#15
Acrylonitrile
Concen: 242.858 ug/l
RT: 5.731 min Scan# 645
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

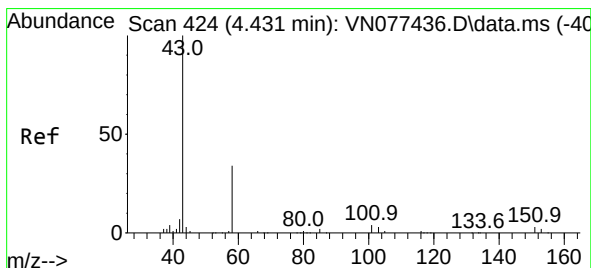
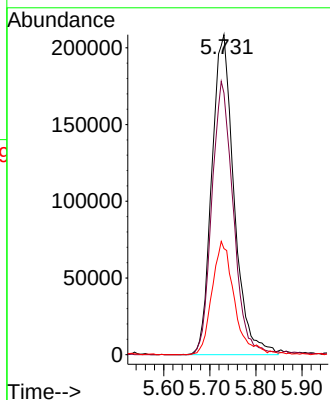
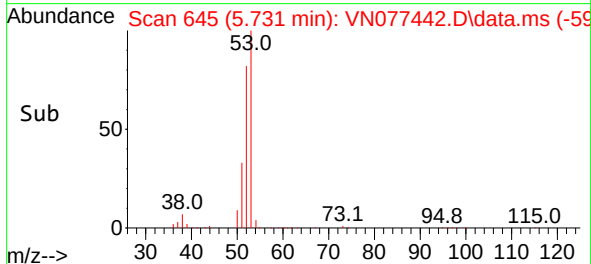
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



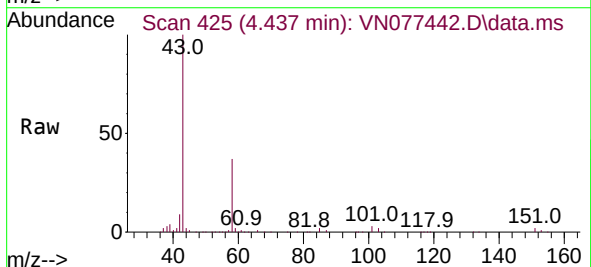
Tgt Ion: 53 Resp: 699560
Ion Ratio Lower Upper
53 100
52 82.3 65.3 97.9
51 35.2 28.9 43.3

Manual Integrations
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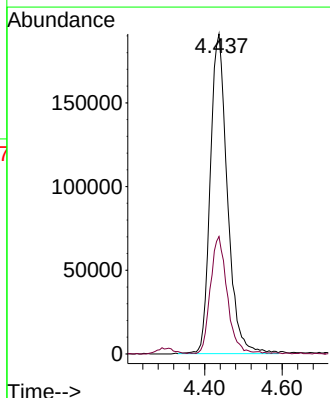
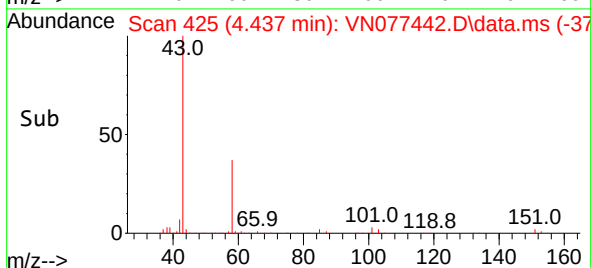
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

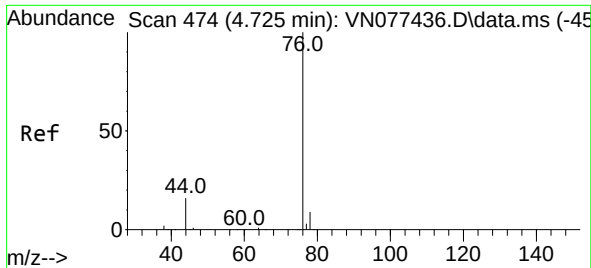


#16
Acetone
Concen: 232.613 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.006 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



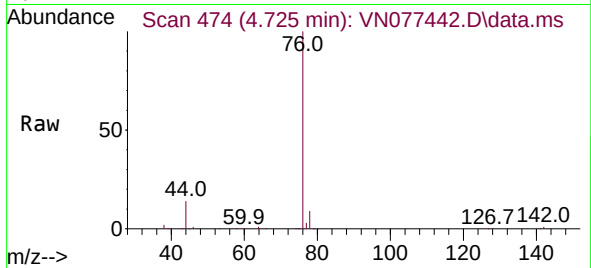
Tgt Ion: 43 Resp: 585337
Ion Ratio Lower Upper
43 100
58 36.4 28.0 42.0





#17
Carbon Disulfide
Concen: 45.246 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

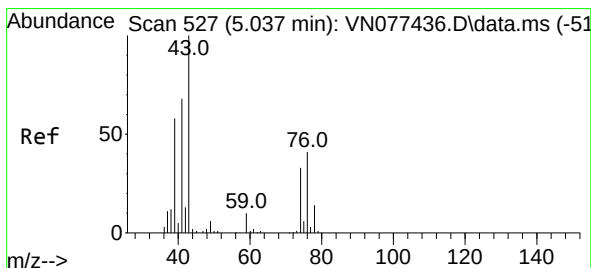
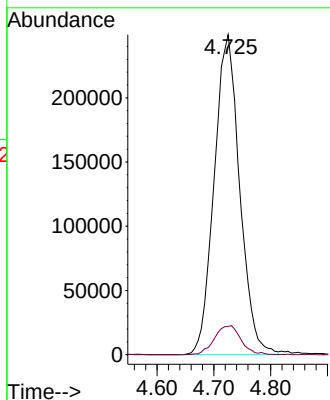
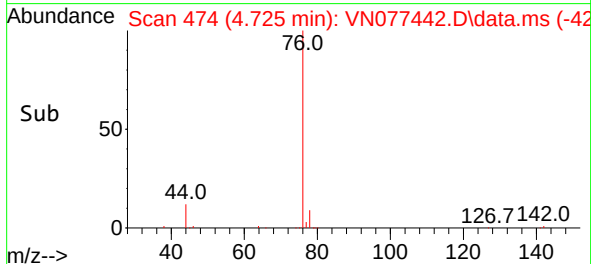
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



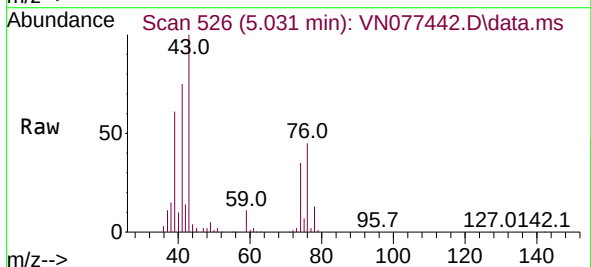
Tgt Ion: 76 Resp: 777714
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

Manual Integrations
APPROVED

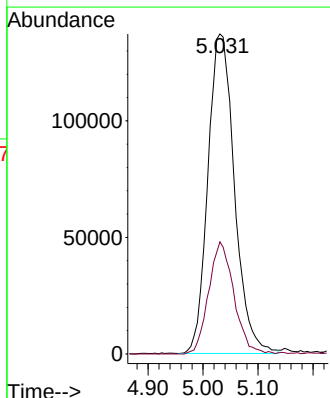
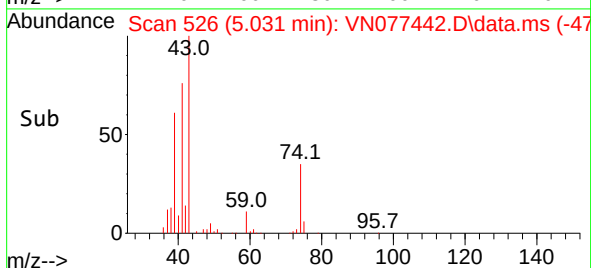
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

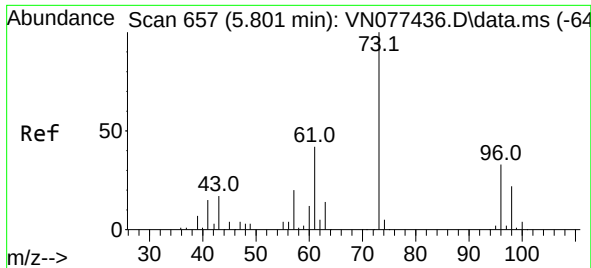


#18
Methyl Acetate
Concen: 47.387 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



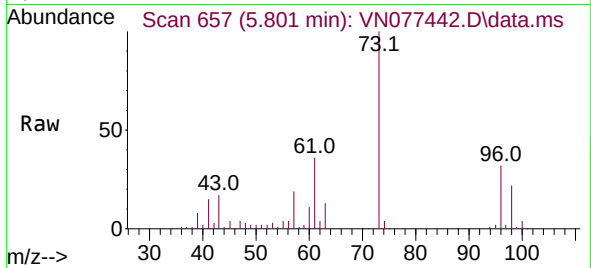
Tgt Ion: 43 Resp: 460480
Ion Ratio Lower Upper
43 100
74 33.3 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 50.115 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

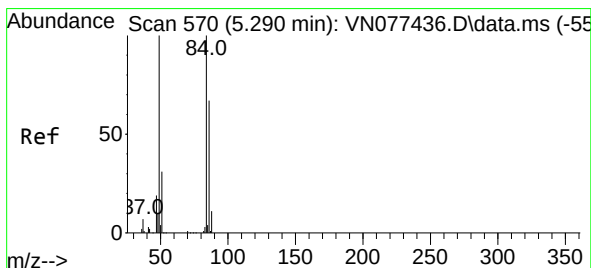
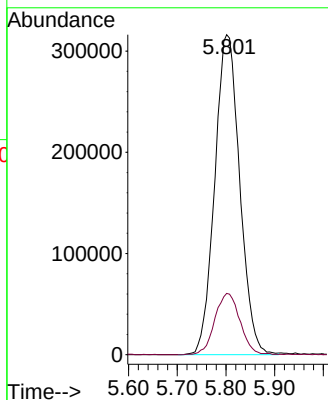
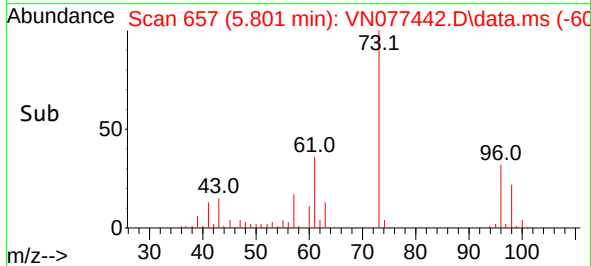
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



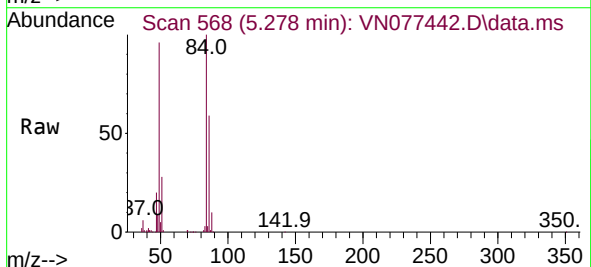
Tgt Ion: 73 Resp: 112738
Ion Ratio Lower Upper
73 100
57 19.2 15.6 23.4

Manual Integrations
APPROVED

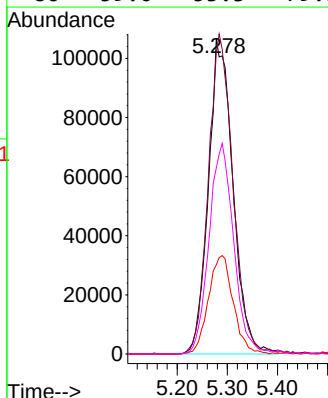
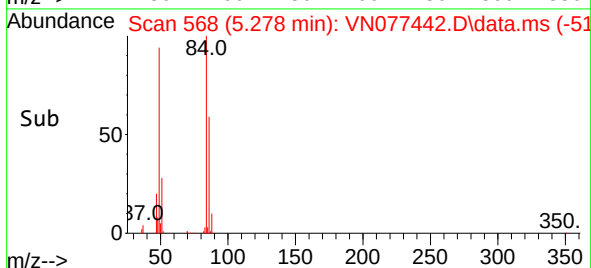
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

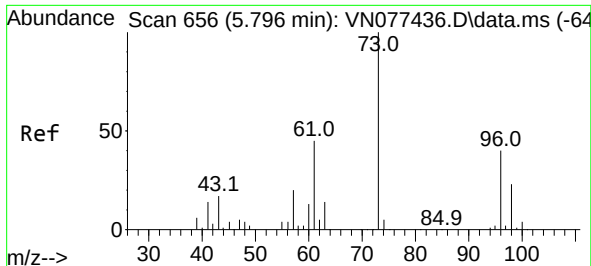


#20
Methylene Chloride
Concen: 45.410 ug/l
RT: 5.278 min Scan# 568
Delta R.T. -0.012 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



Tgt Ion: 84 Resp: 362372
Ion Ratio Lower Upper
84 100
49 95.6 79.7 119.5
51 28.1 25.2 37.8
86 59.0 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 46.179 ug/l

RT: 5.795 min Scan# 61

Delta R.T. -0.000 min

Lab File: VN077442.D

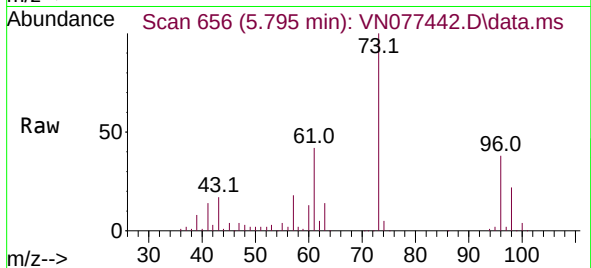
Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423



Tgt Ion: 96 Resp: 33777

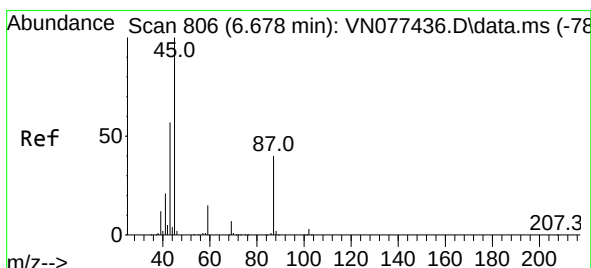
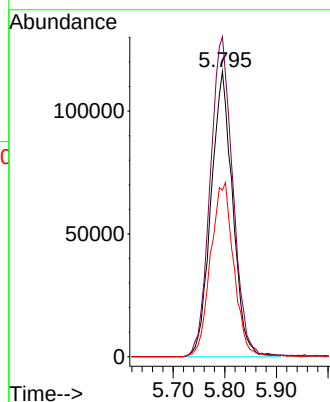
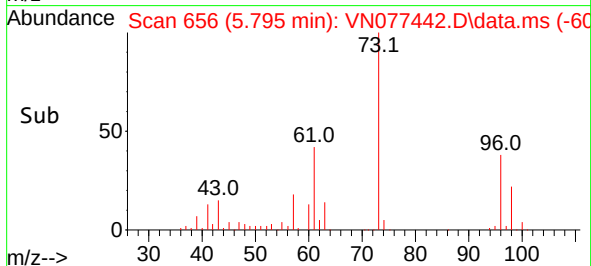
Ion	Ratio	Lower	Upper
96	100		
61	112.3	90.1	135.1
98	58.5	46.4	69.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#22

Diisopropyl ether

Concen: 49.159 ug/l

RT: 6.678 min Scan# 806

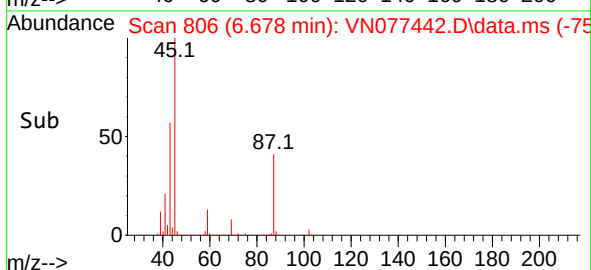
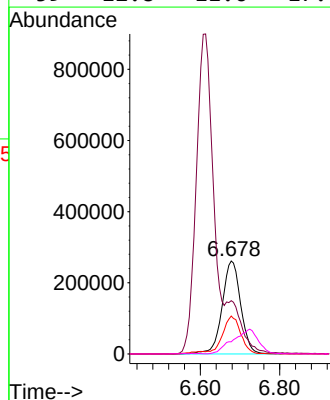
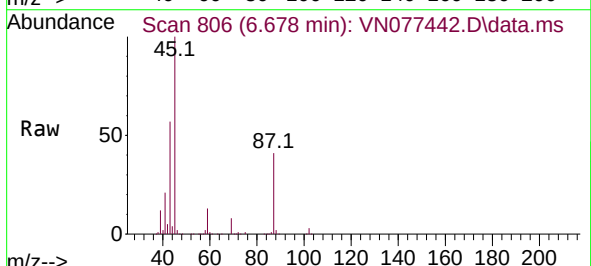
Delta R.T. -0.000 min

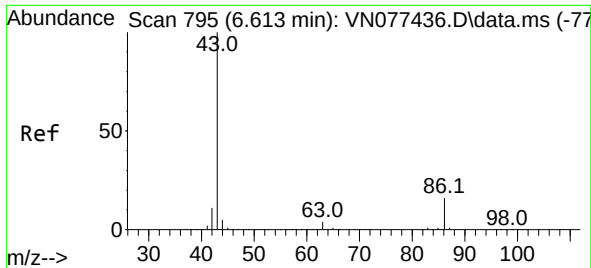
Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Tgt Ion: 45 Resp: 848501

Ion	Ratio	Lower	Upper
45	100		
43	56.4	45.5	68.3
87	40.8	31.8	47.8
59	12.8	11.6	17.4





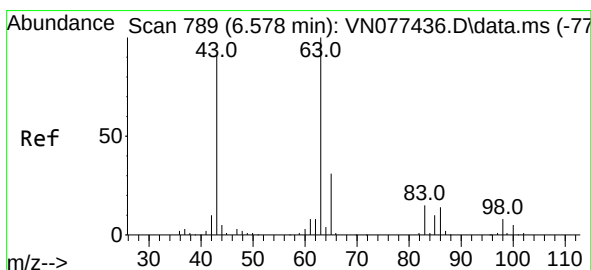
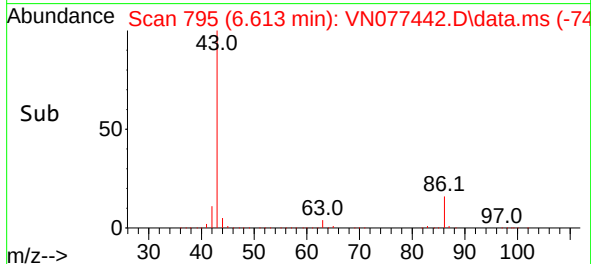
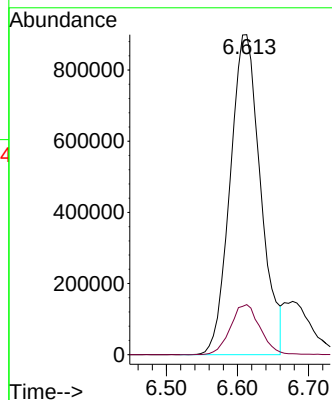
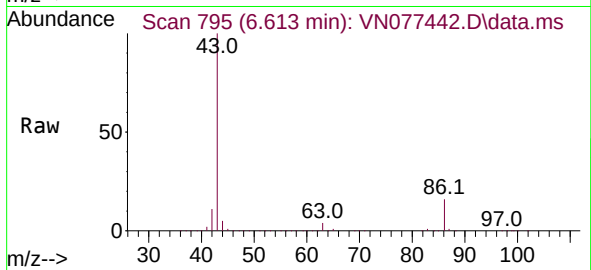
#23
 Vinyl Acetate
 Concen: 249.089 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077442.D
 Acq: 24 Apr 2023 17:35

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042423

Tgt Ion: 43 Resp: 268504
 Ion Ratio Lower Upper
 43 100
 86 15.6 13.0 19.6

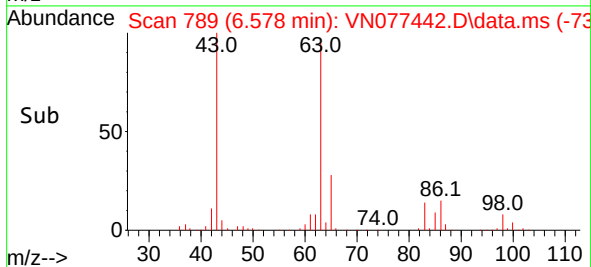
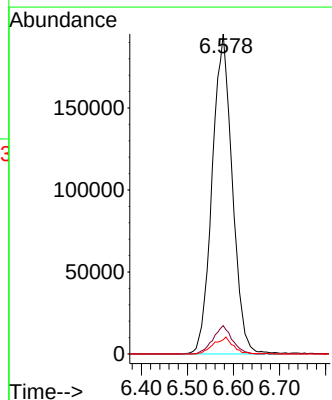
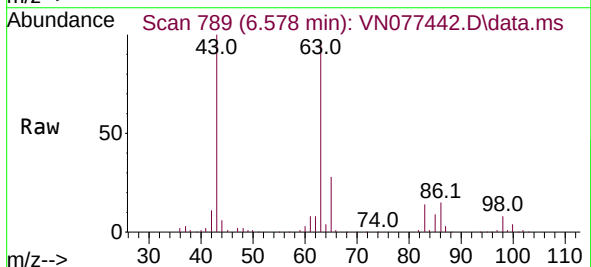
Manual Integrations
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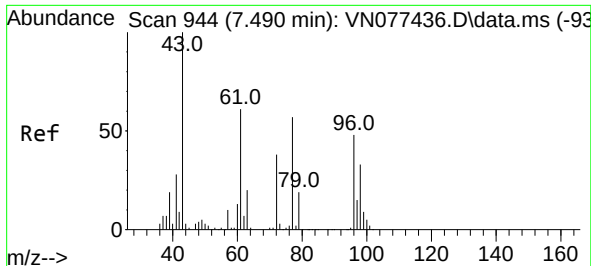
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#24
 1,1-Dichloroethane
 Concen: 48.399 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077442.D
 Acq: 24 Apr 2023 17:35

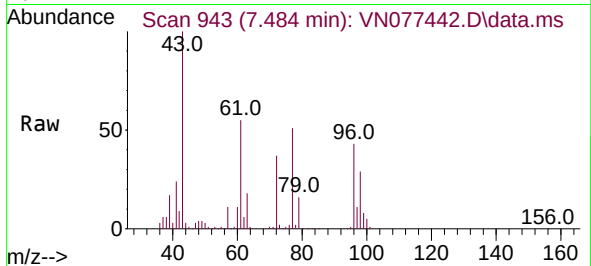
Tgt Ion: 63 Resp: 591329
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.9 11.7
 100 4.4 2.5 7.4





#25
2-Butanone
Concen: 236.198 ug/l
RT: 7.484 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

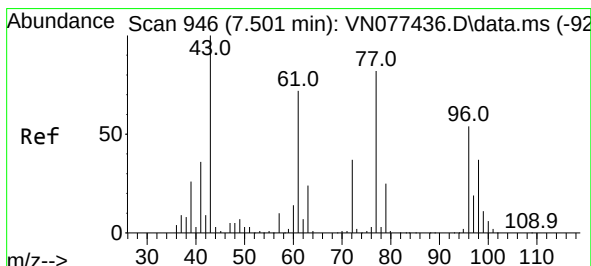
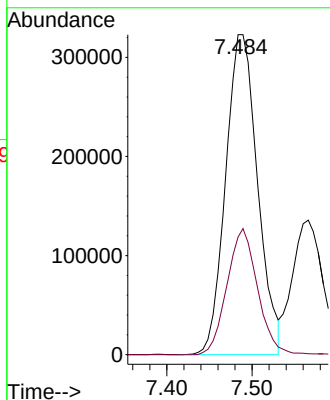
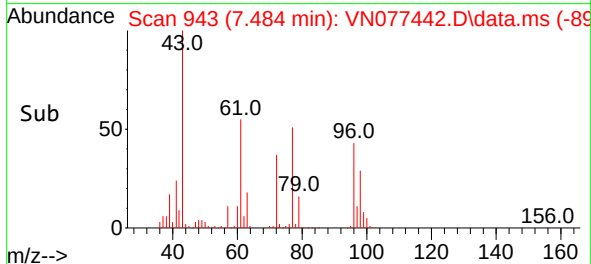
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion: 43 Resp: 843000
Ion Ratio Lower Upper
43 100
72 36.7 30.2 45.2

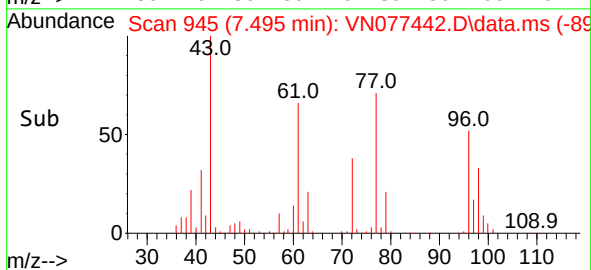
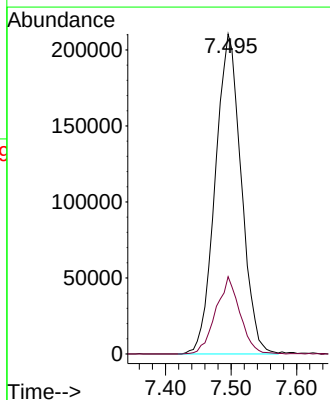
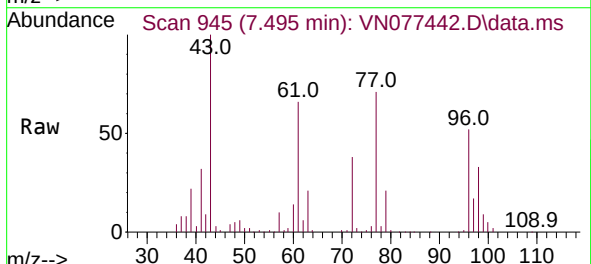
Manual Integrations
APPROVED

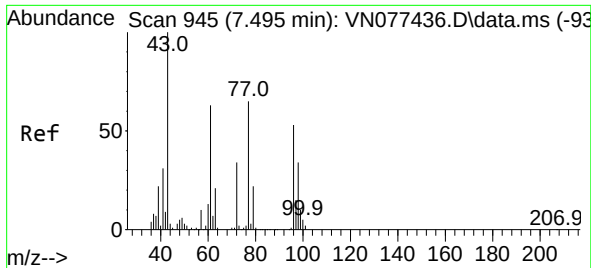
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#26
2,2-Dichloropropane
Concen: 48.771 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

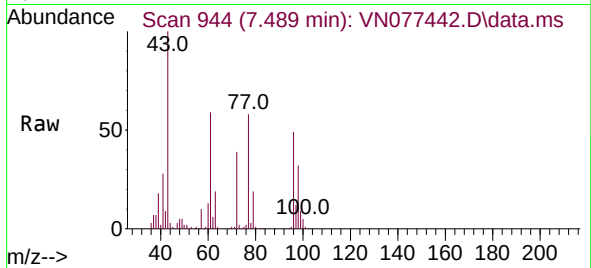
Tgt Ion: 77 Resp: 577788
Ion Ratio Lower Upper
77 100
97 22.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 48.606 ug/l
 RT: 7.489 min Scan# 944
 Delta R.T. -0.006 min
 Lab File: VN077442.D
 Acq: 24 Apr 2023 17:35

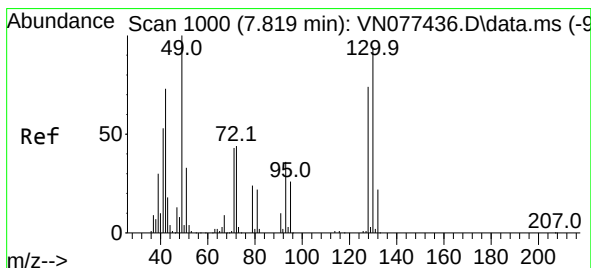
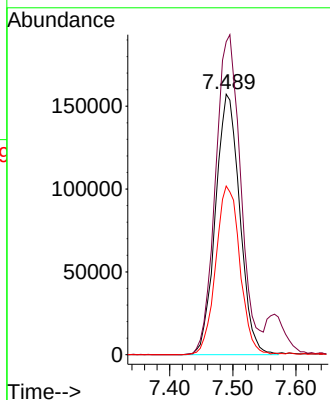
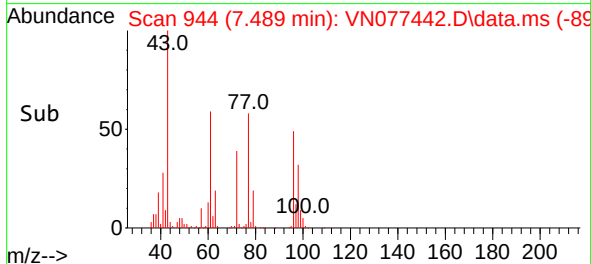
Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN042423



Tgt Ion: 96 Resp: 421068
 Ion Ratio Lower Upper
 96 100
 61 127.7 0.0 255.2
 98 64.4 0.0 128.8

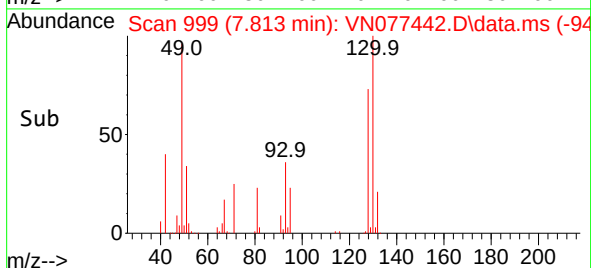
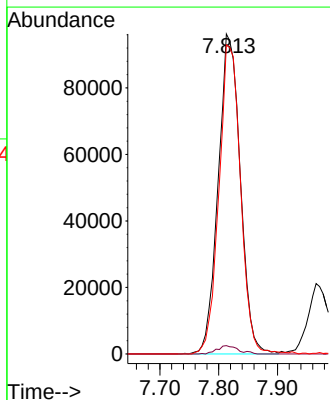
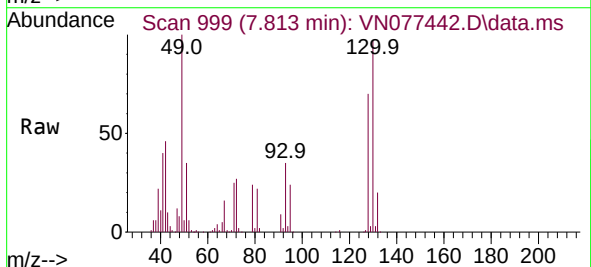
Manual Integrations
 APPROVED

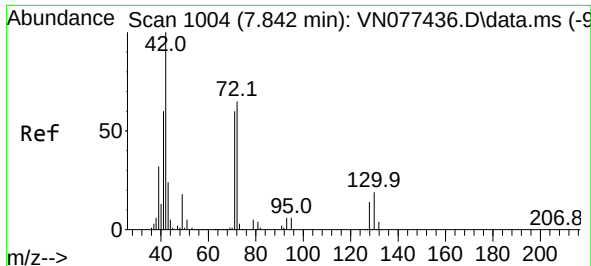
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023



#28
 Bromochloromethane
 Concen: 53.827 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077442.D
 Acq: 24 Apr 2023 17:35

Tgt Ion: 49 Resp: 251141
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.8
 130 94.7 75.3 112.9





#29

Tetrahydrofuran

Concen: 238.628 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. -0.000 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423

Tgt Ion: 42 Resp: 53361

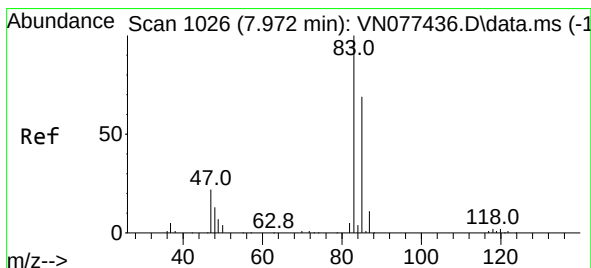
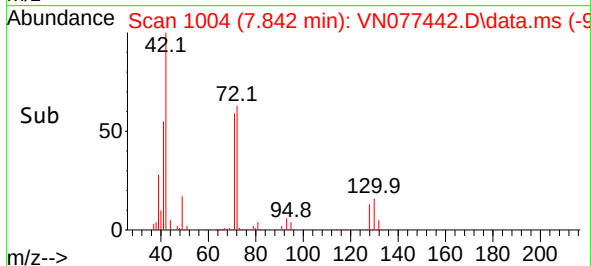
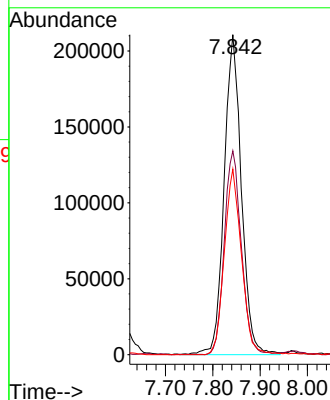
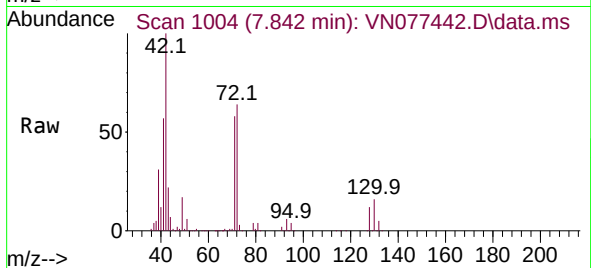
Ion	Ratio	Lower	Upper
42	100		
72	62.9	49.8	74.6
71	57.6	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#30

Chloroform

Concen: 49.259 ug/l

RT: 7.966 min Scan# 1025

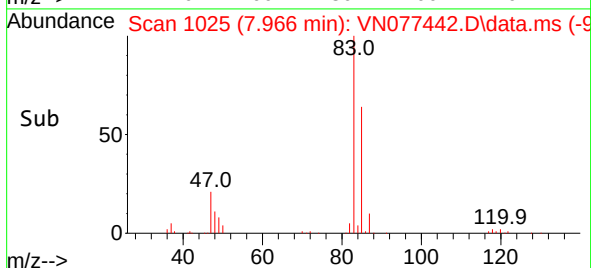
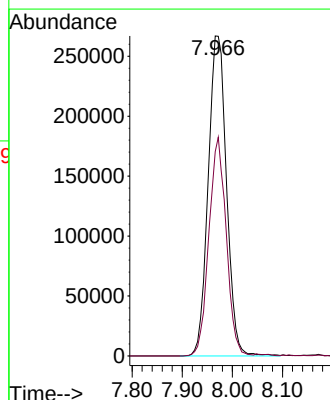
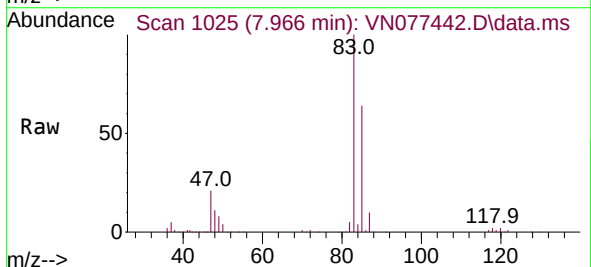
Delta R.T. -0.006 min

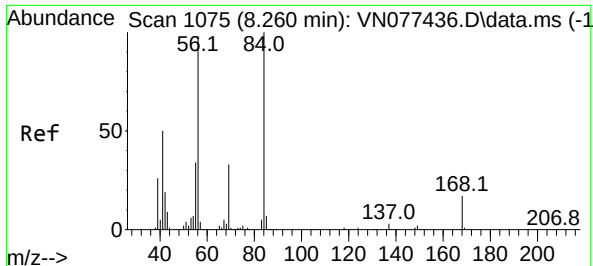
Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Tgt Ion: 83 Resp: 678259

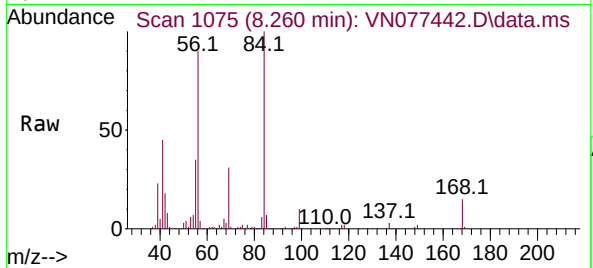
Ion	Ratio	Lower	Upper
83	100		
85	63.8	55.4	83.0





#31
Cyclohexane
Concen: 36.846 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

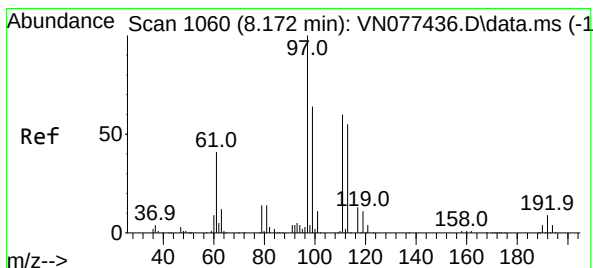
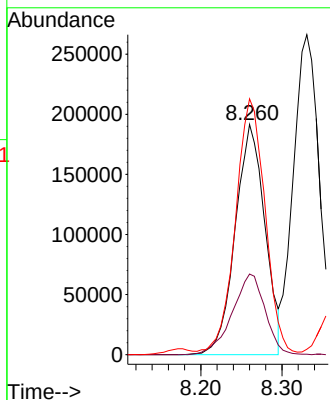
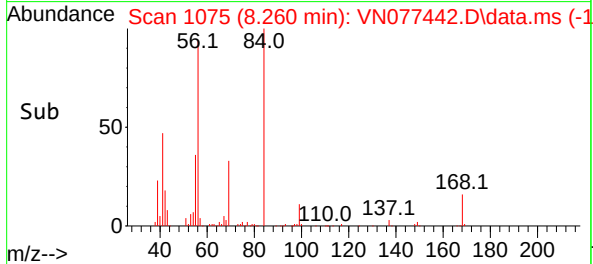
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion: 56 Resp: 48640
Ion Ratio Lower Upper
56 100
69 35.0 26.8 40.2
84 108.6 81.8 122.6

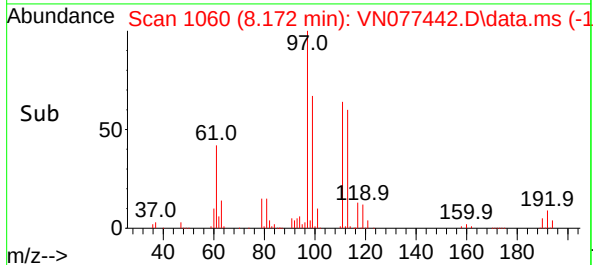
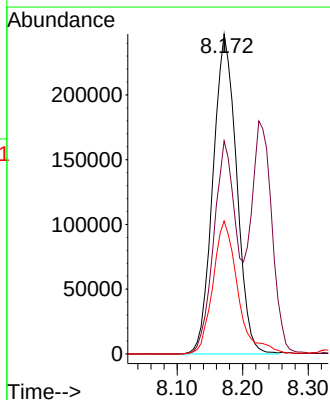
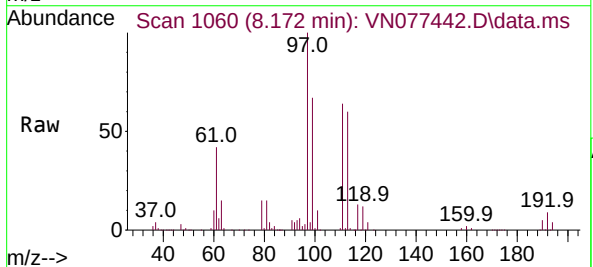
Manual Integrations
APPROVED

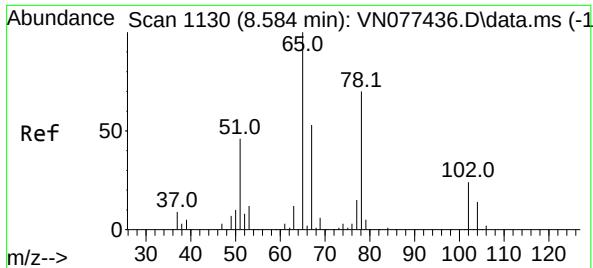
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#32
1,1,1-Trichloroethane
Concen: 48.715 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Tgt Ion: 97 Resp: 616692
Ion Ratio Lower Upper
97 100
99 64.4 50.3 75.5
61 44.0 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.169 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423

Tgt Ion: 65 Resp: 42821

Ion Ratio Lower Upper

65 100

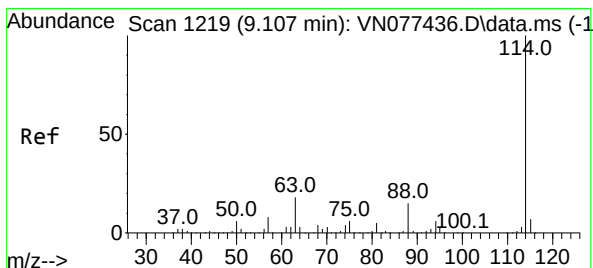
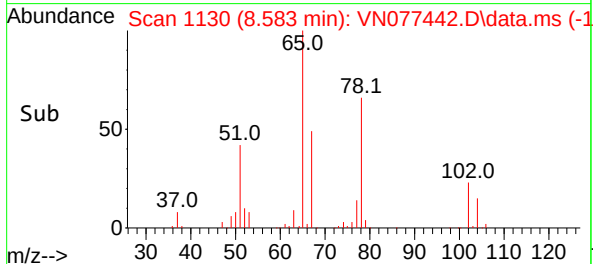
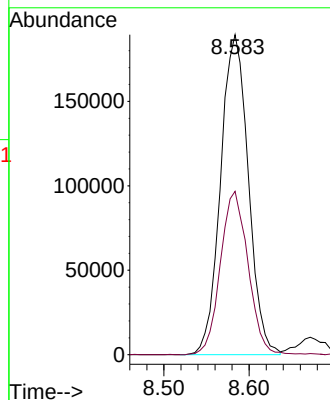
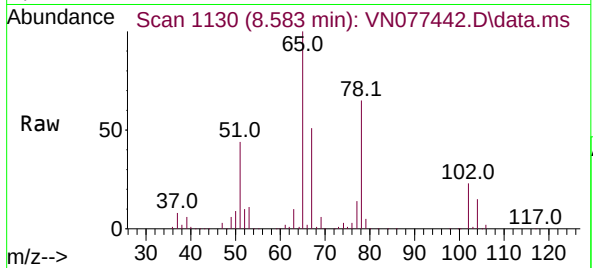
67 50.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

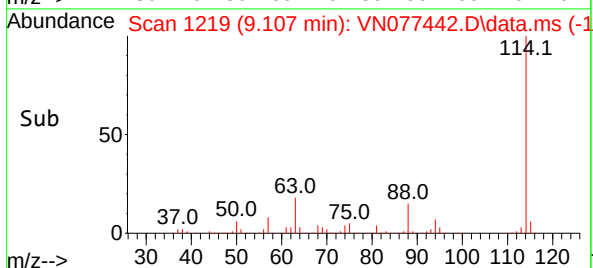
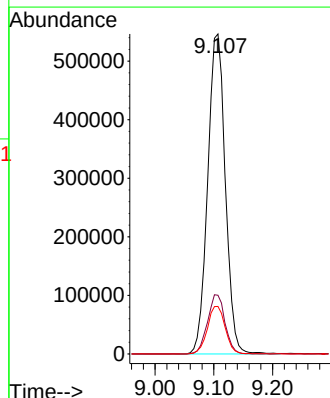
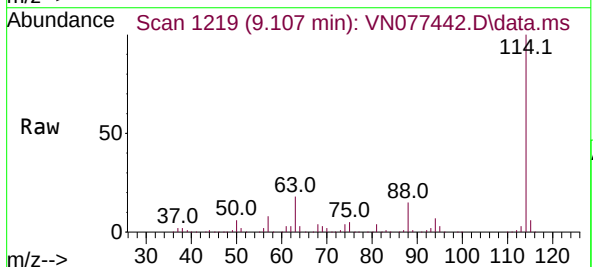
Tgt Ion:114 Resp: 1137544

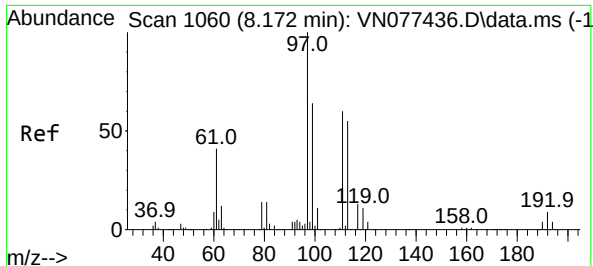
Ion Ratio Lower Upper

114 100

63 18.3 0.0 36.4

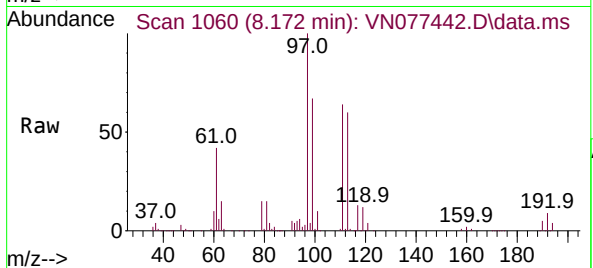
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 54.028 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

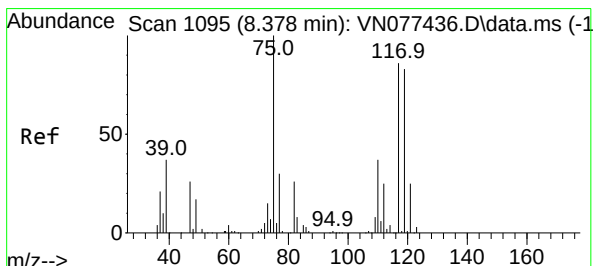
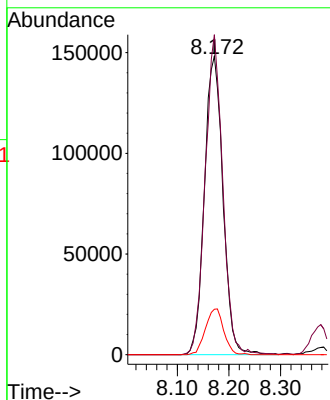
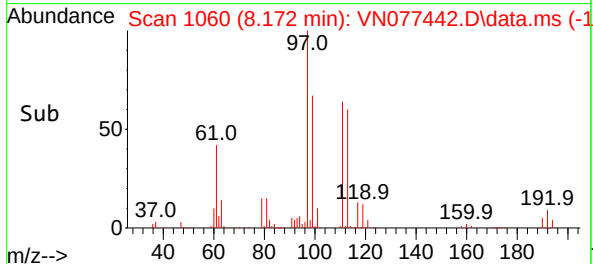
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion: 113 Resp: 368374
Ion Ratio Lower Upper
113 100
111 102.0 82.6 123.8
192 15.2 12.7 19.1

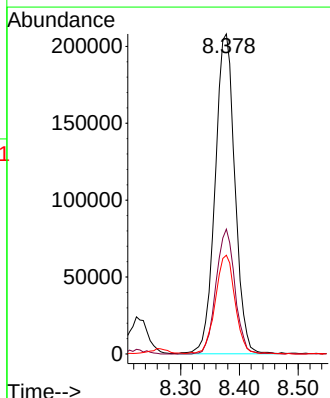
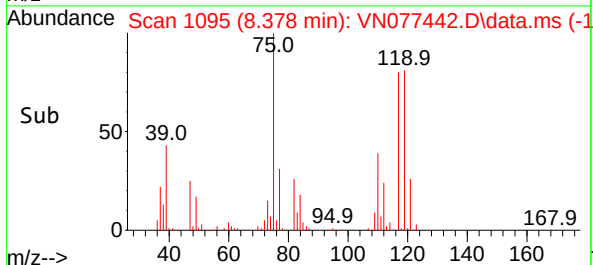
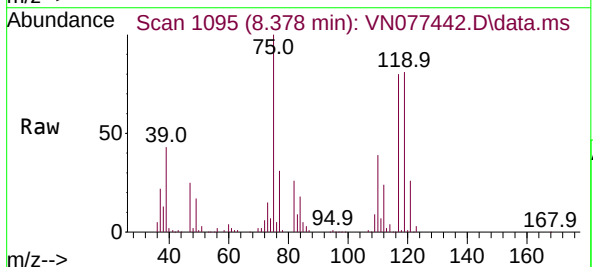
Manual Integrations
APPROVED

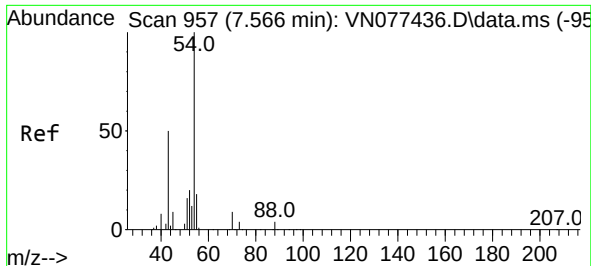
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#36
1,1-Dichloropropene
Concen: 49.051 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Tgt Ion: 75 Resp: 484507
Ion Ratio Lower Upper
75 100
110 37.3 19.1 57.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 47.178 ug/l

RT: 7.566 min Scan# 957

Delta R.T. -0.000 min

Lab File: VN077442.D

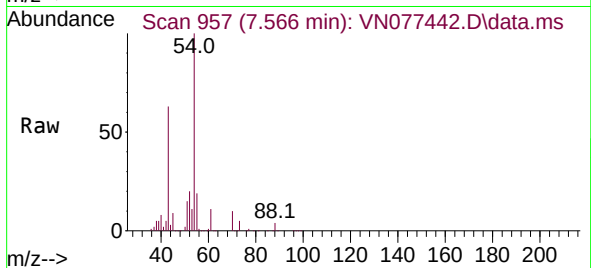
Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423



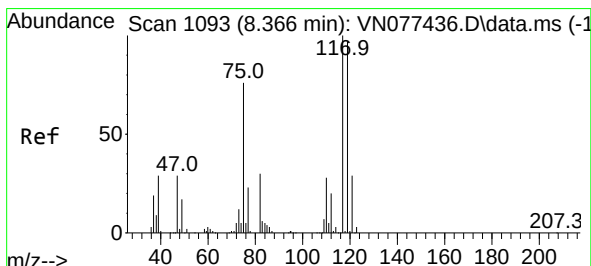
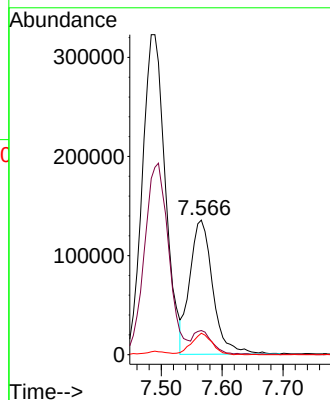
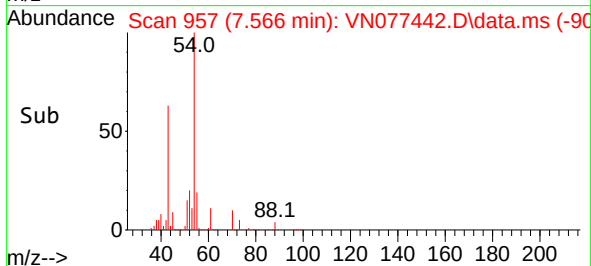
Tgt Ion:	43	Resp:	354114
Ion	Ratio	Lower	Upper
43	100		
61	14.4	13.2	19.8
70	14.5	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#38

Carbon Tetrachloride

Concen: 48.971 ug/l

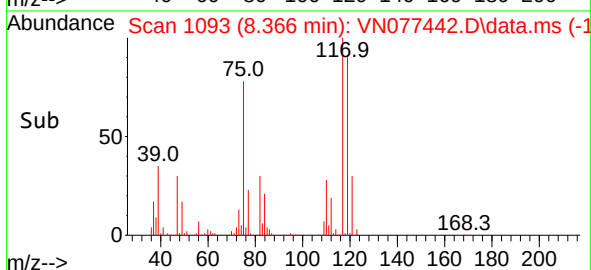
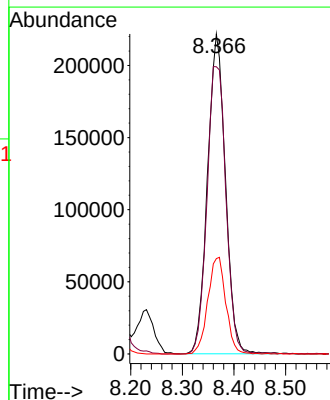
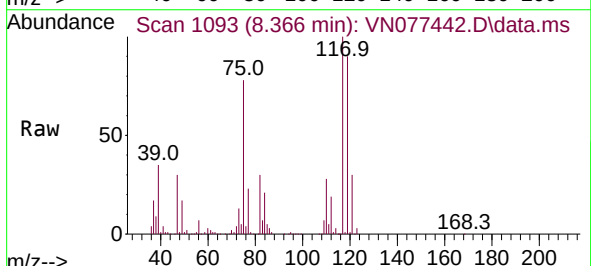
RT: 8.366 min Scan# 1093

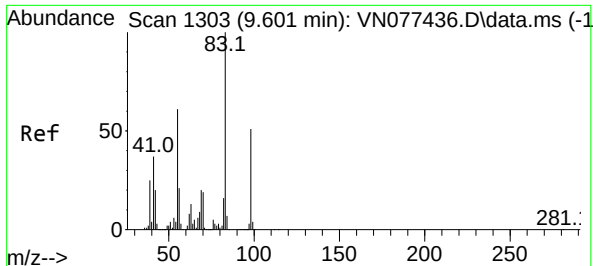
Delta R.T. -0.000 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Tgt Ion:	117	Resp:	533699
Ion	Ratio	Lower	Upper
117	100		
119	89.8	77.3	115.9
121	29.8	23.3	34.9





#39

Methylcyclohexane

Concen: 49.662 ug/l

RT: 9.601 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077442.D

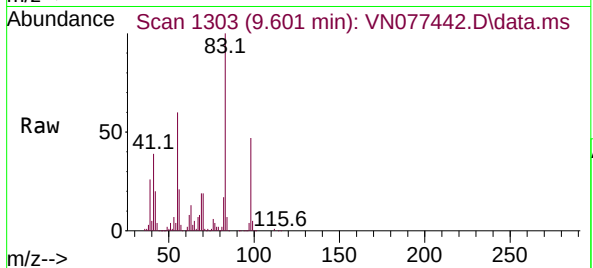
Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423



Tgt Ion: 83 Resp: 646310

Ion Ratio Lower Upper

83 100

55 60.1 49.1 73.7

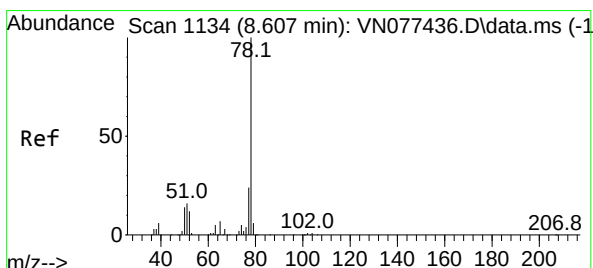
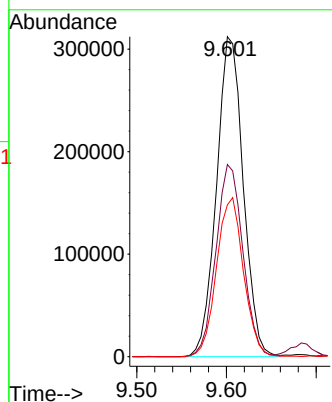
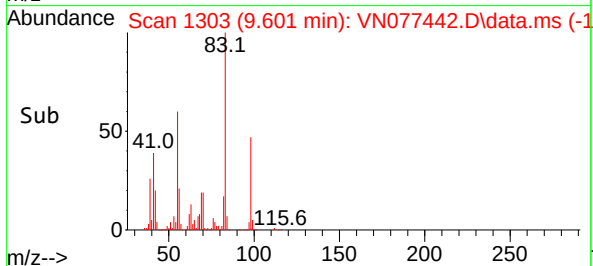
98 47.5 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#40

Benzene

Concen: 48.718 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077442.D

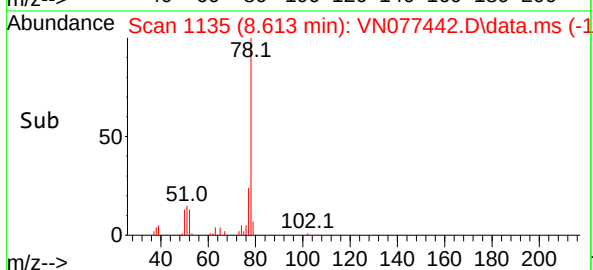
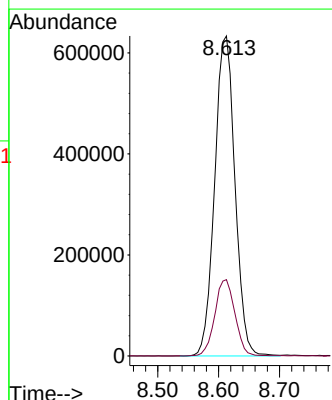
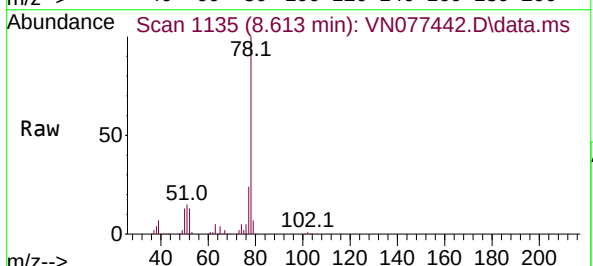
Acq: 24 Apr 2023 17:35

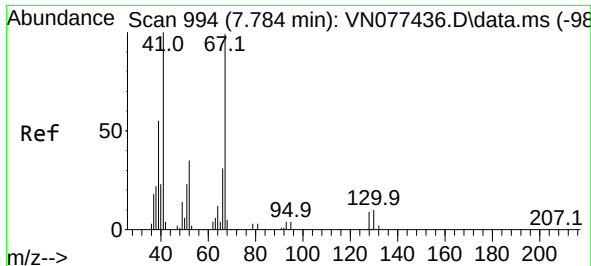
Tgt Ion: 78 Resp: 1465981

Ion Ratio Lower Upper

78 100

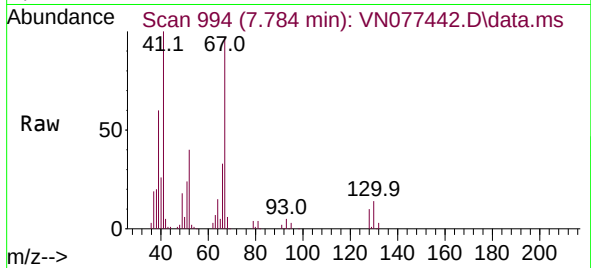
77 23.8 19.0 28.6





#41
Methacrylonitrile
Concen: 46.365 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

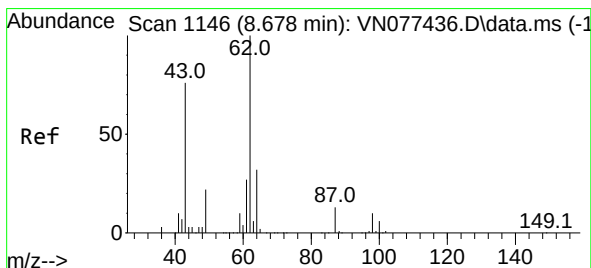
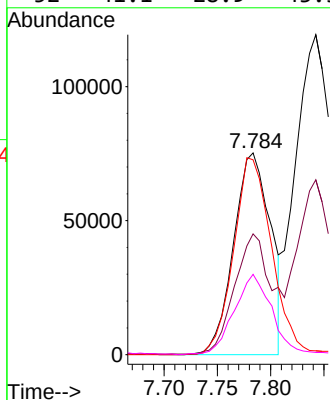
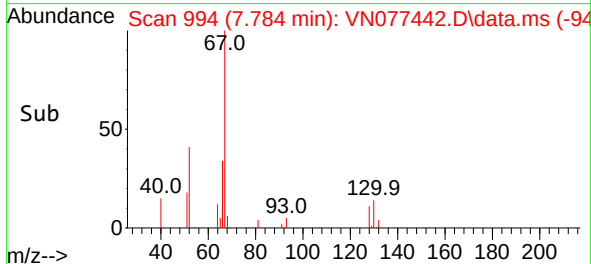
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion: 41 Resp: 18125
Ion Ratio Lower Upper
41 100
39 61.7 42.6 64.0
67 101.7 77.5 116.3
52 41.1 28.9 43.3

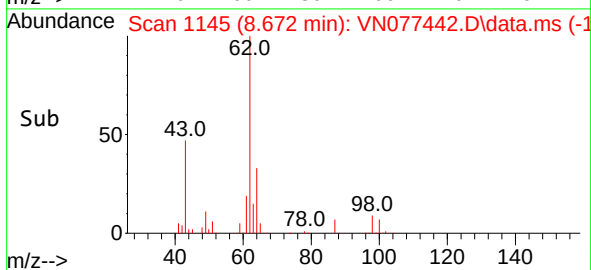
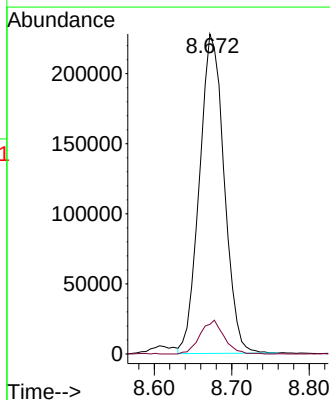
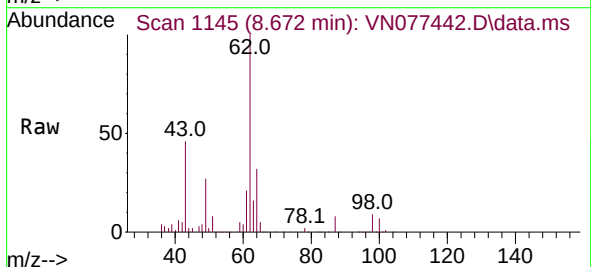
Manual Integrations
APPROVED

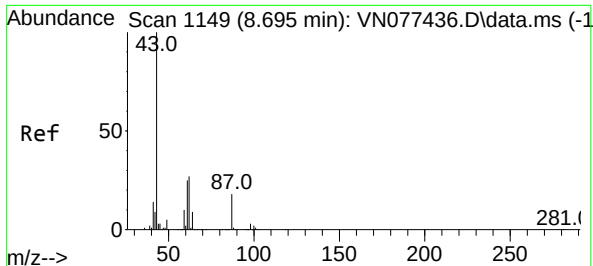
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#42
1,2-Dichloroethane
Concen: 48.918 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

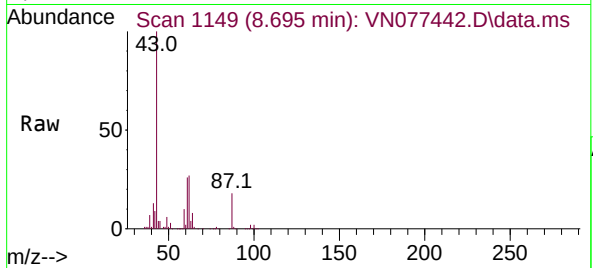
Tgt Ion: 62 Resp: 505581
Ion Ratio Lower Upper
62 100
98 10.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 49.982 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

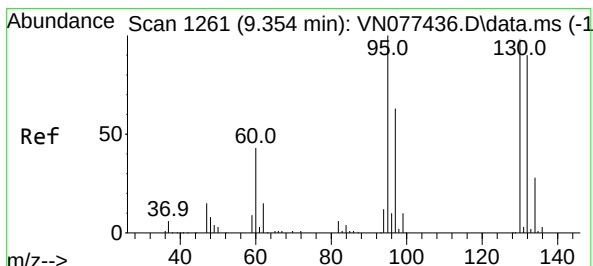
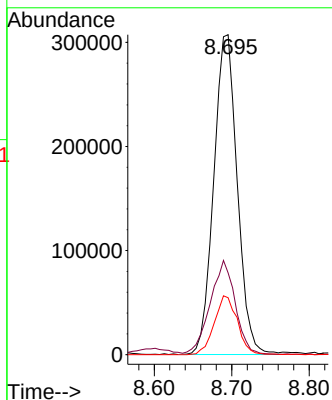
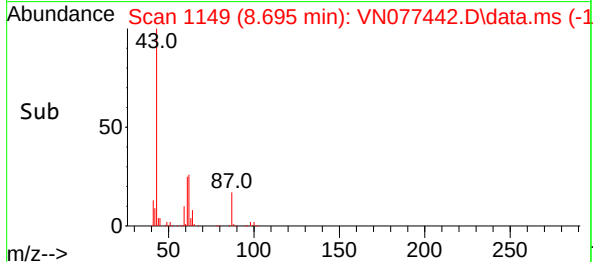
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



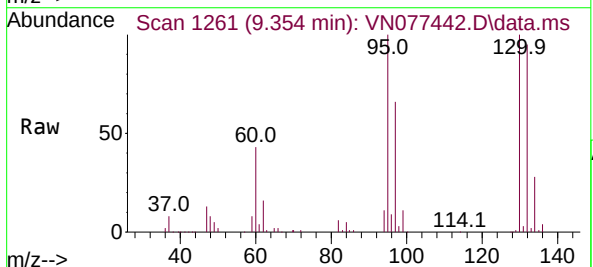
Tgt Ion: 43 Resp: 649020
Ion Ratio Lower Upper
43 100
61 31.3 24.7 37.1
87 18.1 14.6 21.8

Manual Integrations
APPROVED

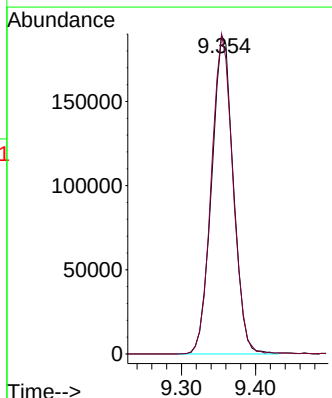
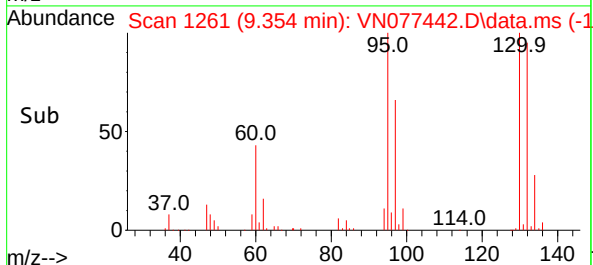
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

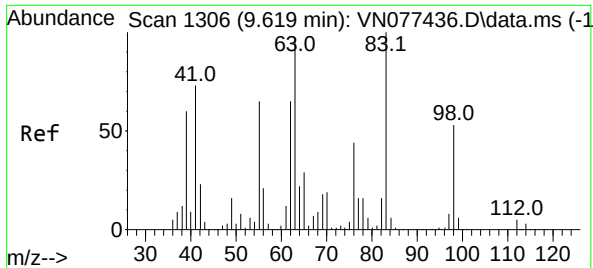


#44
Trichloroethene
Concen: 49.860 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



Tgt Ion:130 Resp: 384147
Ion Ratio Lower Upper
130 100
95 100.5 0.0 204.6





#45

1,2-Dichloropropane

Concen: 49.965 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423

Tgt Ion: 63 Resp: 352192

Ion Ratio Lower Upper

63 100

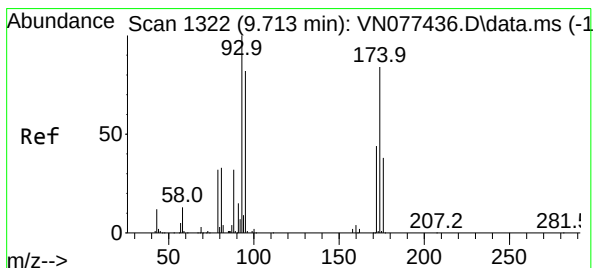
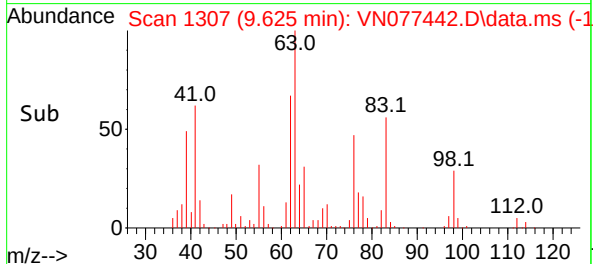
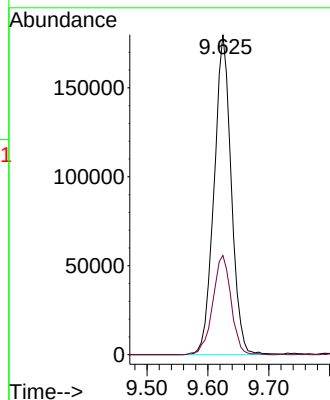
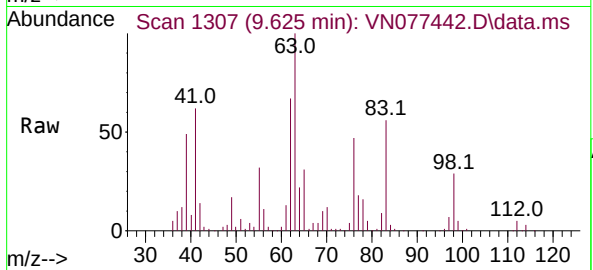
65 31.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#46

Dibromomethane

Concen: 47.767 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

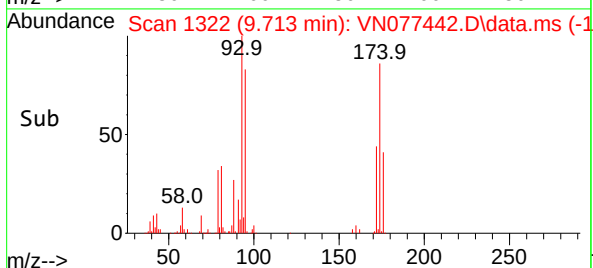
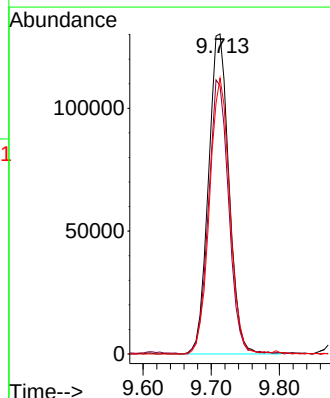
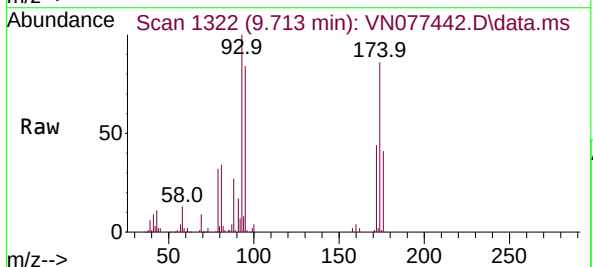
Tgt Ion: 93 Resp: 273204

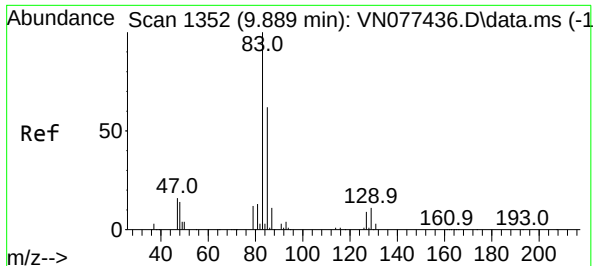
Ion Ratio Lower Upper

93 100

95 84.3 63.8 95.8

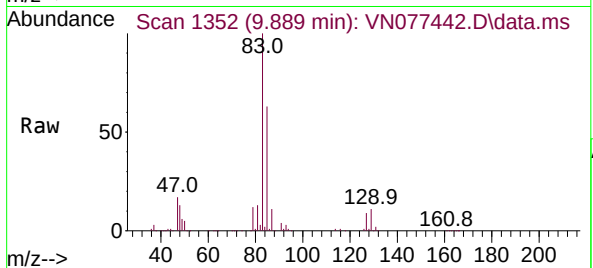
174 84.8 65.6 98.4





#47
Bromodichloromethane
Concen: 50.258 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

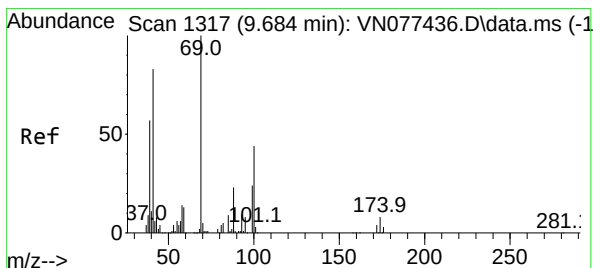
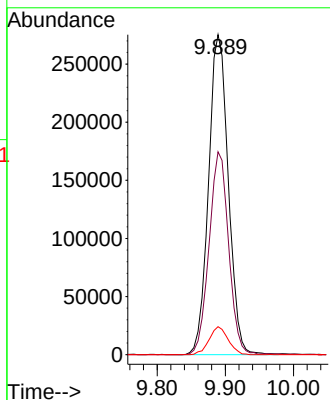
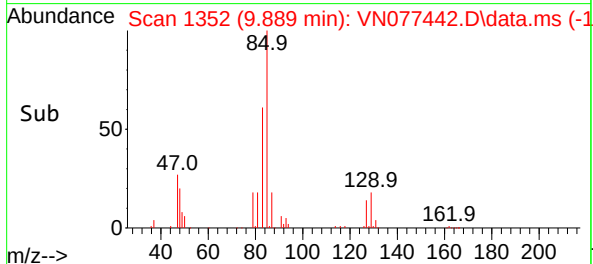
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



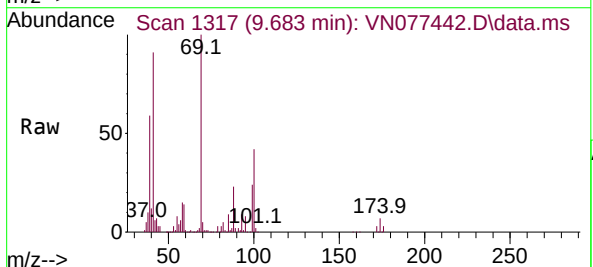
Tgt Ion: 83 Resp: 55601
Ion Ratio Lower Upper
83 100
85 63.4 49.6 74.4
127 8.8 7.0 10.6

Manual Integrations
APPROVED

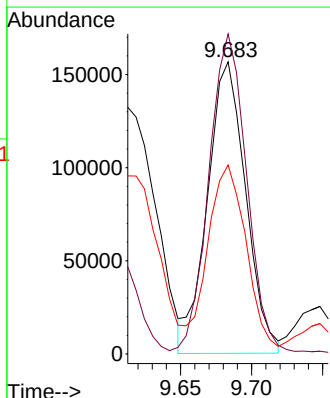
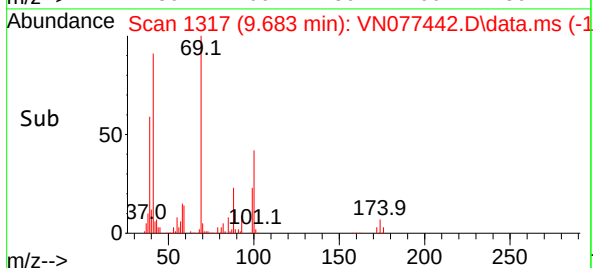
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

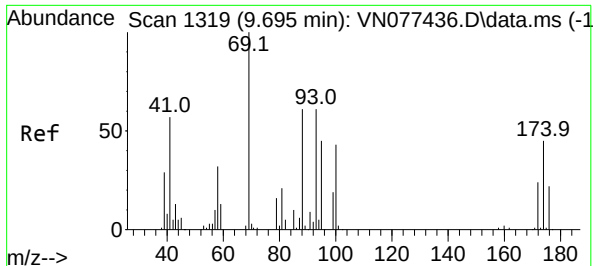


#48
Methyl methacrylate
Concen: 49.592 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



Tgt Ion: 41 Resp: 293129
Ion Ratio Lower Upper
41 100
69 109.0 90.4 135.6
39 65.2 54.6 81.8





#49

1,4-Dioxane

Concen: 962.461 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN077442.D

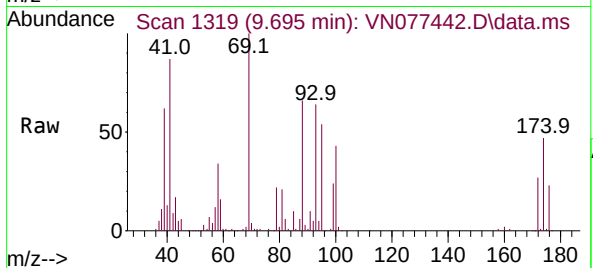
Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423



Tgt Ion: 88 Resp: 142690

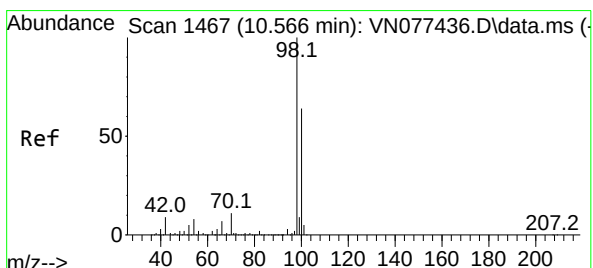
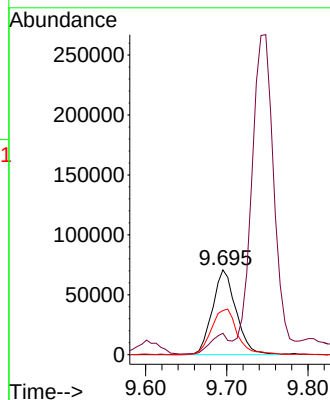
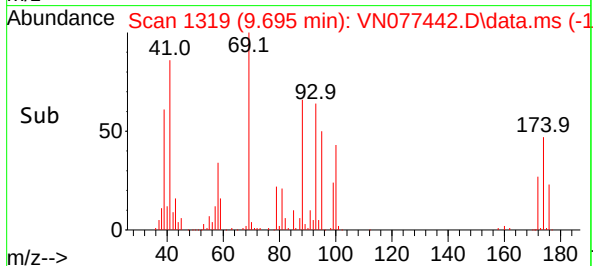
Ion	Ratio	Lower	Upper
88	100		
43	19.6	17.0	25.6
58	59.3	47.0	70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#50

Toluene-d8

Concen: 54.980 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077442.D

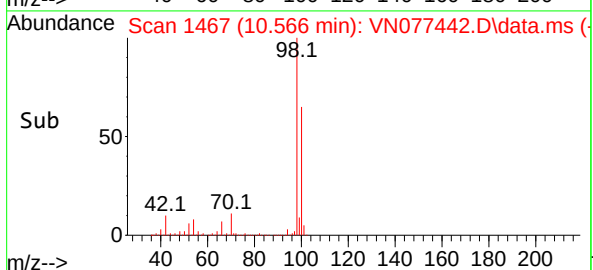
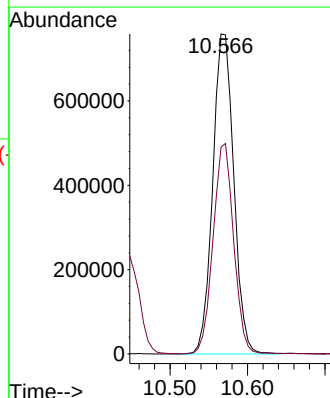
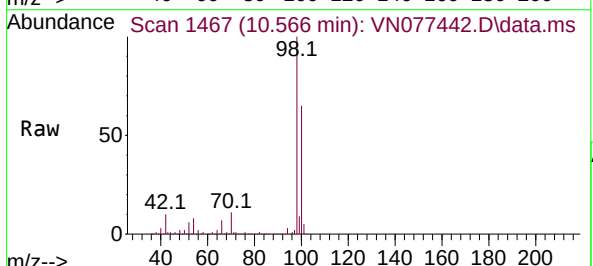
Acq: 24 Apr 2023 17:35

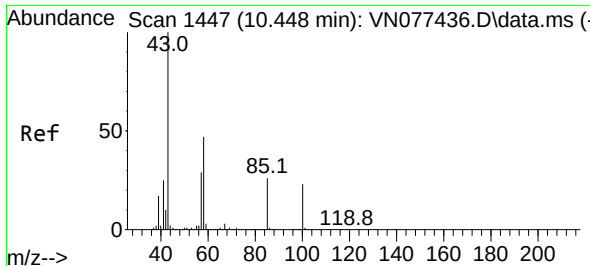
Tgt Ion: 98 Resp: 1433546

Ion Ratio Lower Upper

98 100

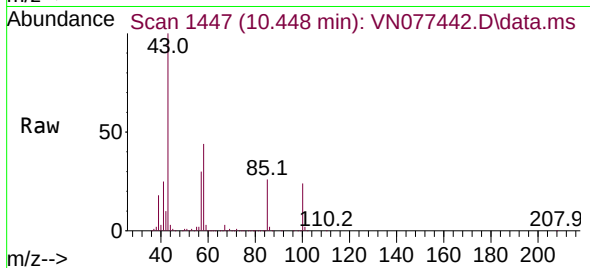
100 64.2 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 239.014 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

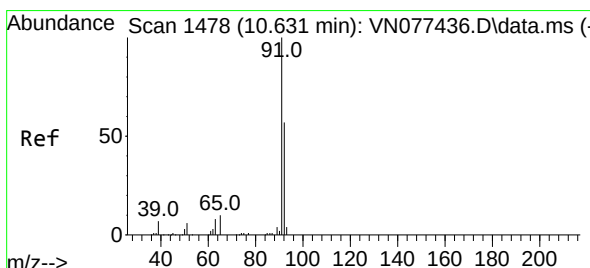
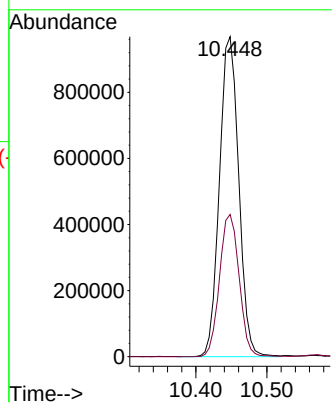
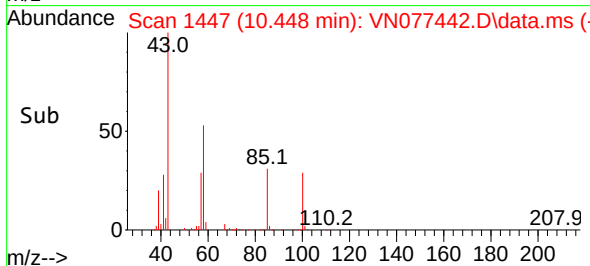
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion: 43 Resp: 1820430
Ion Ratio Lower Upper
43 100
58 45.2 36.6 54.8

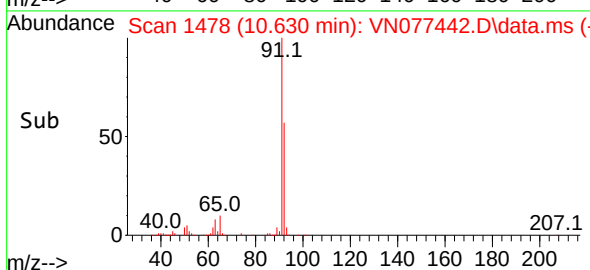
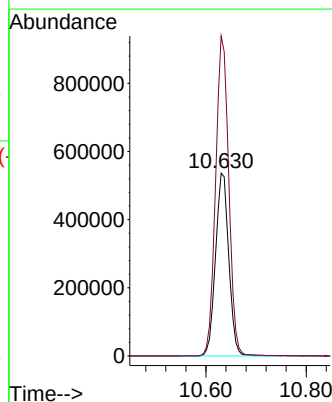
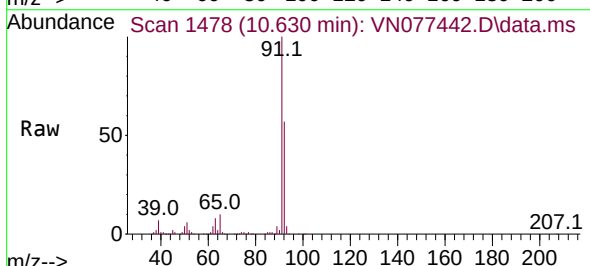
Manual Integrations
APPROVED

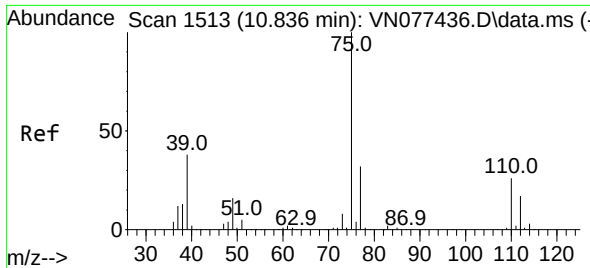
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#52
Toluene
Concen: 49.868 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Tgt Ion: 92 Resp: 983042
Ion Ratio Lower Upper
92 100
91 173.4 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 53.826 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

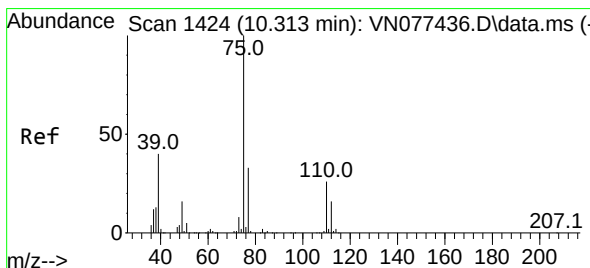
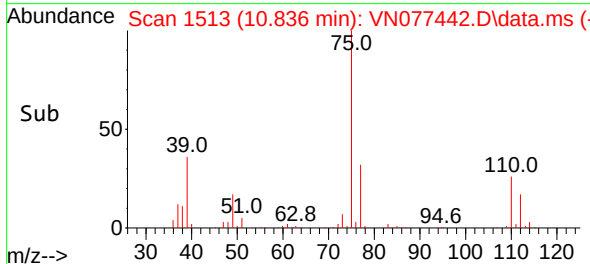
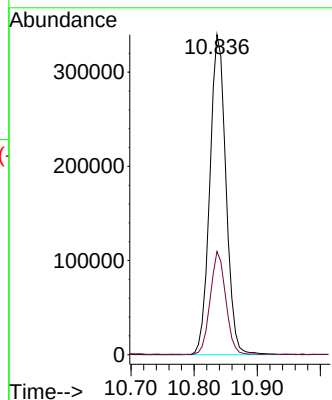
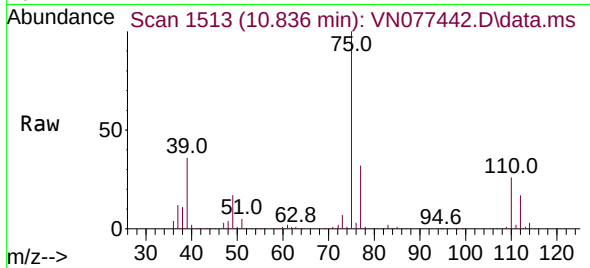
ClientSampleId :

ICVVN042423

Tgt Ion: 75 Resp: 602983
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0

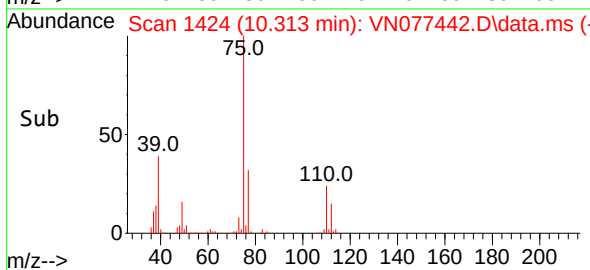
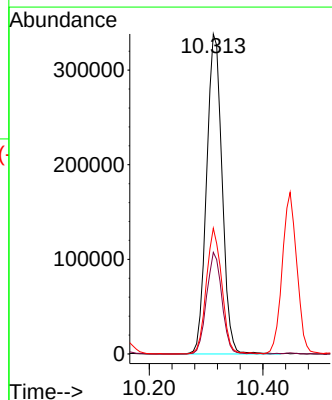
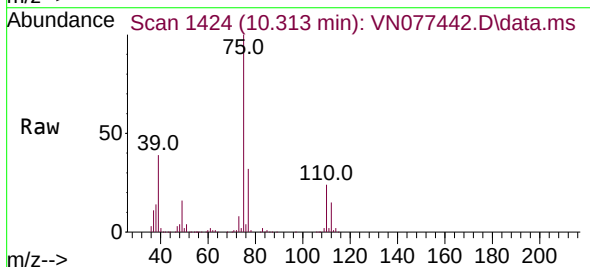
Manual Integrations
APPROVED

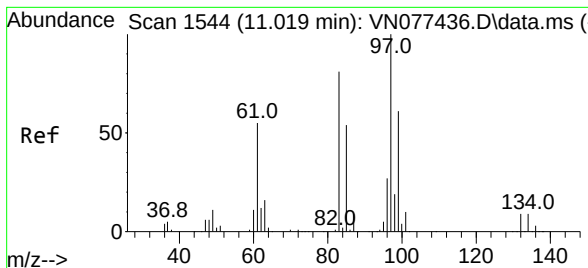
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#54
cis-1,3-Dichloropropene
Concen: 52.303 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

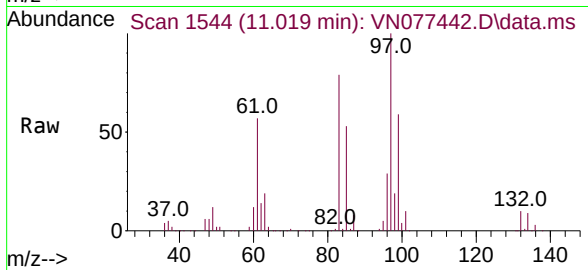
Tgt Ion: 75 Resp: 637774
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 39.2 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 50.089 ug/l
RT: 11.019 min Scan# 1544
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

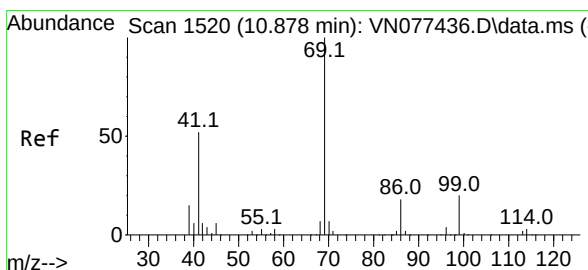
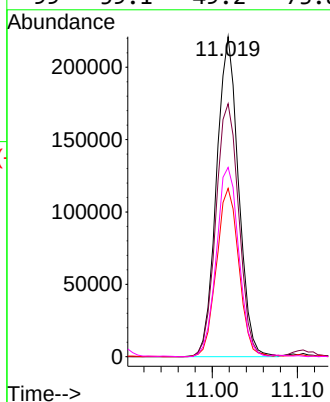
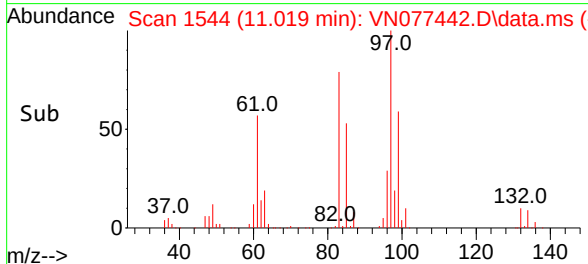
Instrument : MSVOA_N
ClientSampleId : ICVVN042423



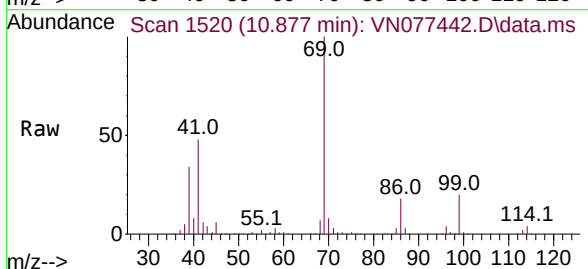
Tgt Ion: 97 Resp: 397055
Ion Ratio Lower Upper
97 100
83 79.0 65.1 97.7
85 52.6 43.4 65.2
99 59.1 49.2 73.8

Manual Integrations
APPROVED

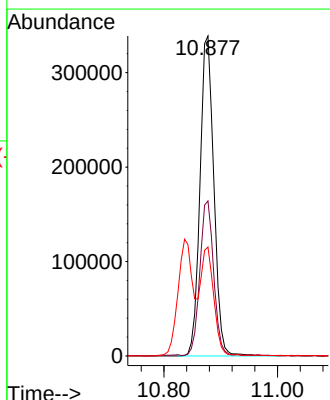
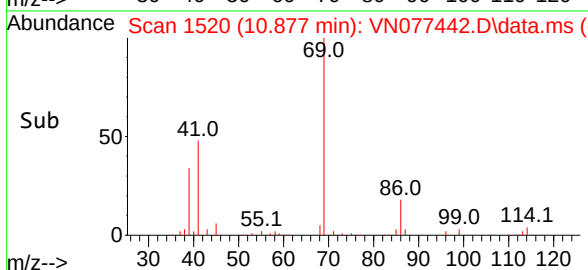
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

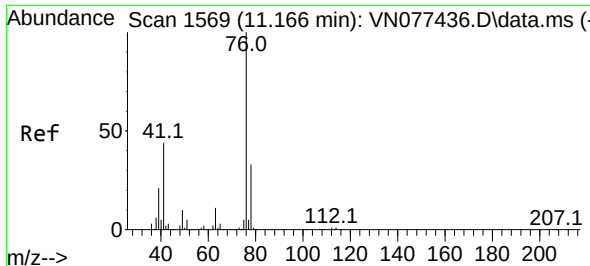


#56
Ethyl methacrylate
Concen: 51.601 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



Tgt Ion: 69 Resp: 573166
Ion Ratio Lower Upper
69 100
41 48.2 39.6 59.4
39 30.3 28.6 43.0





#57

1,3-Dichloropropane

Concen: 50.870 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423

Tgt Ion: 76 Resp: 64231

Ion Ratio Lower Upper

76 100

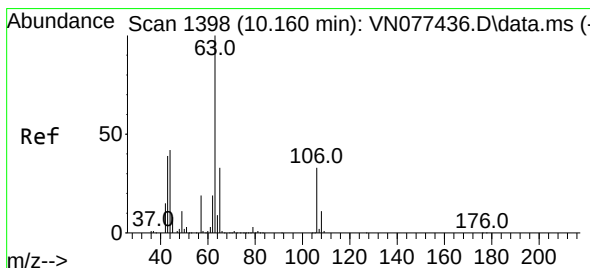
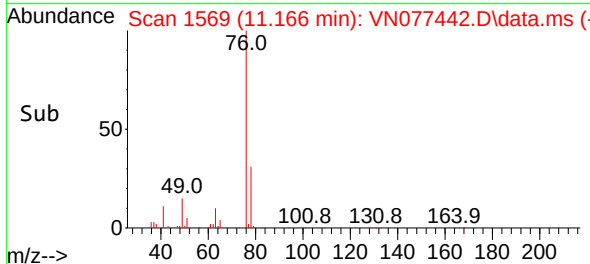
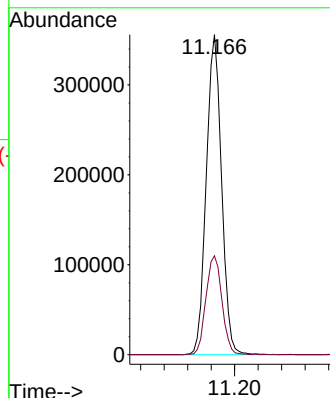
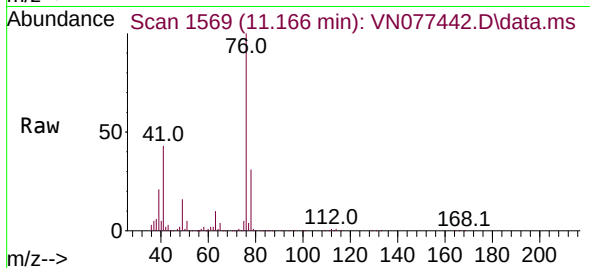
78 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 280.130 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077442.D

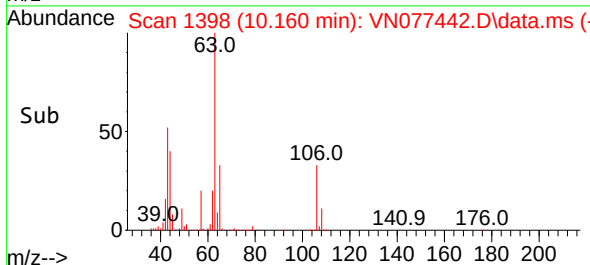
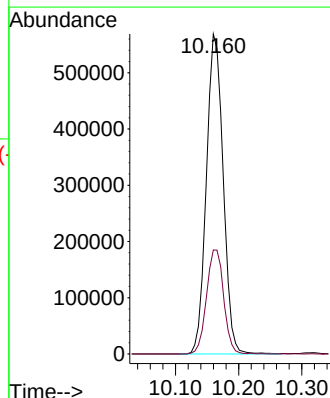
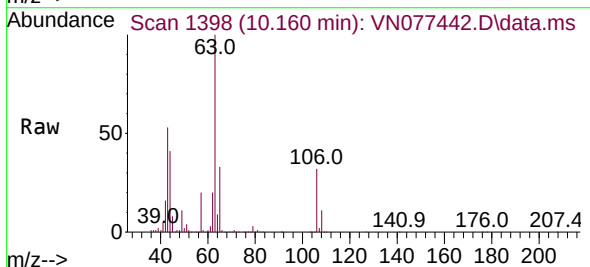
Acq: 24 Apr 2023 17:35

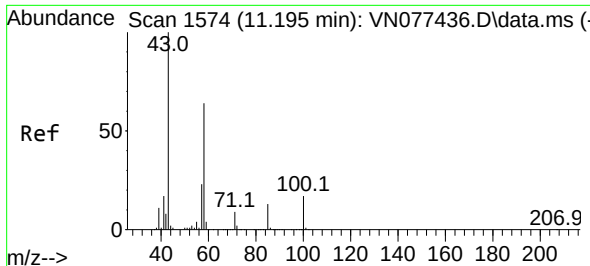
Tgt Ion: 63 Resp: 1052450

Ion Ratio Lower Upper

63 100

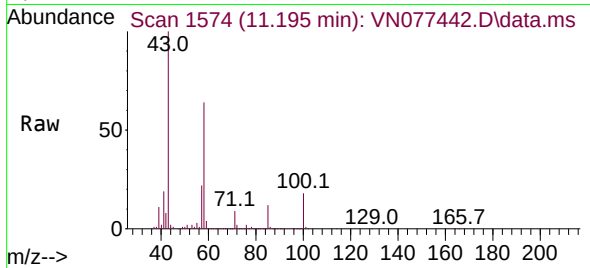
106 33.2 26.2 39.4





#59
2-Hexanone
Concen: 245.194 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

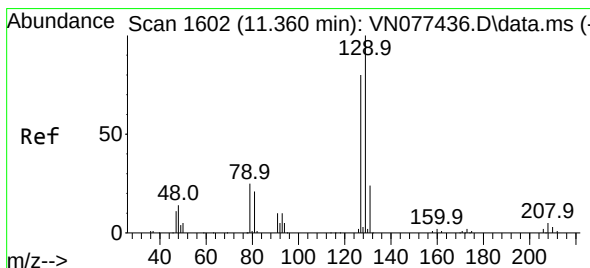
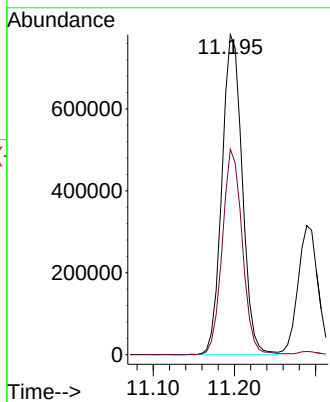
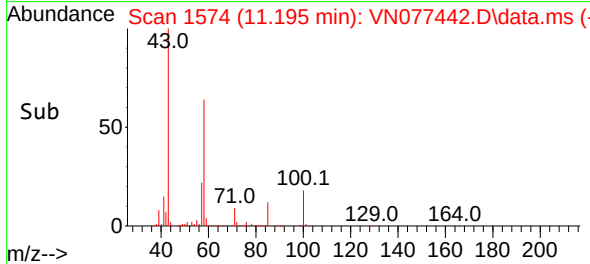
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion: 43 Resp: 135746
Ion Ratio Lower Upper
43 100
58 63.1 31.7 95.1

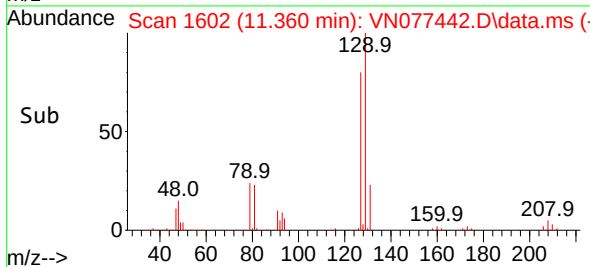
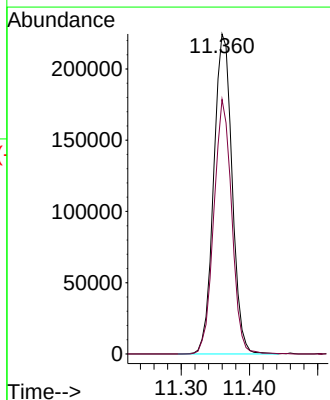
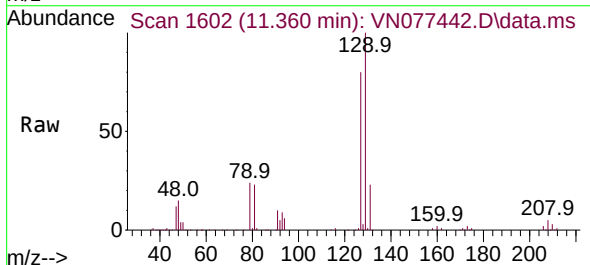
Manual Integrations
APPROVED

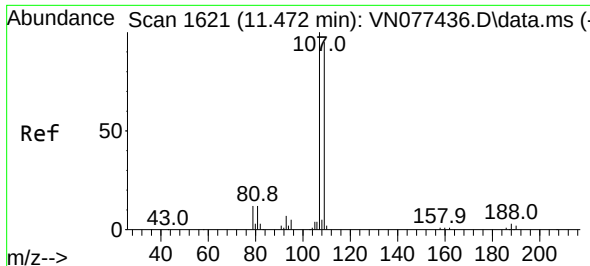
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#60
Dibromochloromethane
Concen: 51.249 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

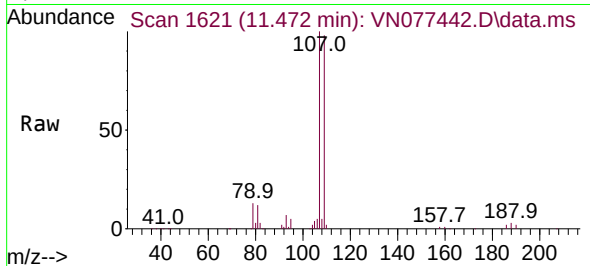
Tgt Ion:129 Resp: 421620
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.835 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

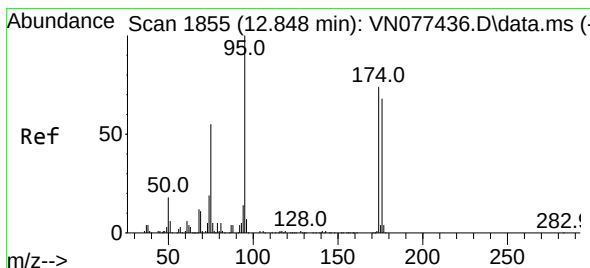
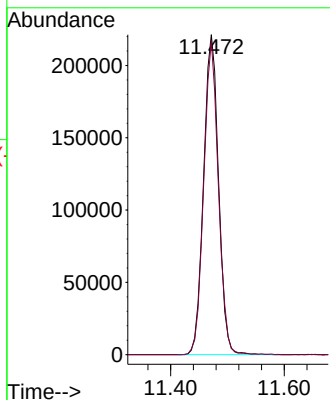
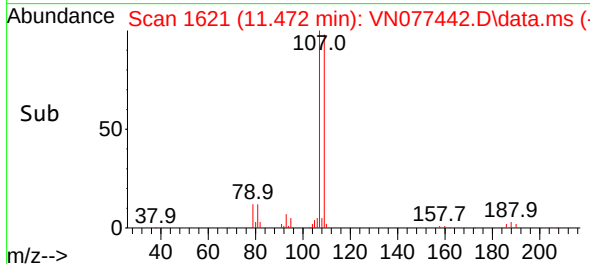
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



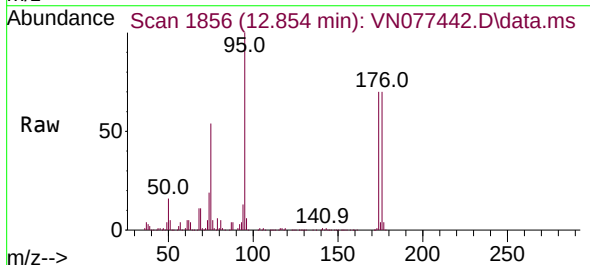
Tgt Ion:107 Resp: 403318
Ion Ratio Lower Upper
107 100
109 95.9 76.6 114.8

Manual Integrations
APPROVED

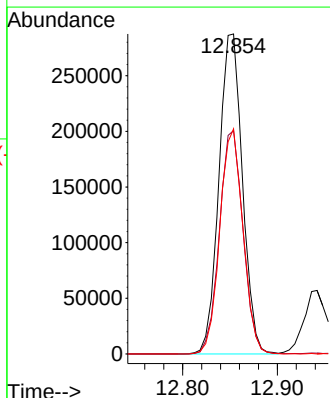
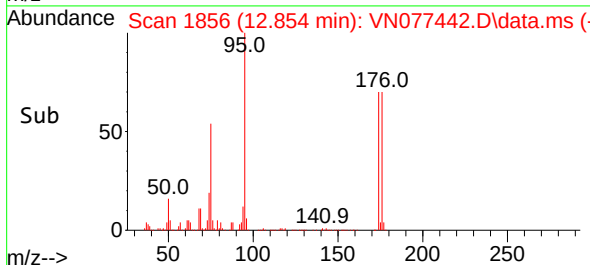
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

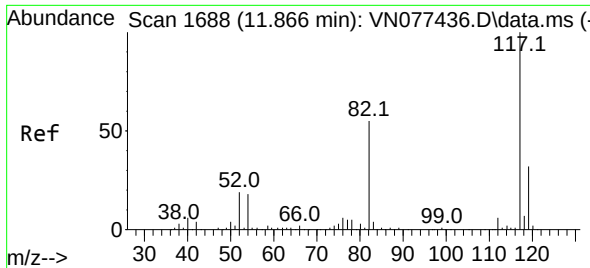


#62
4-Bromofluorobenzene
Concen: 58.031 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



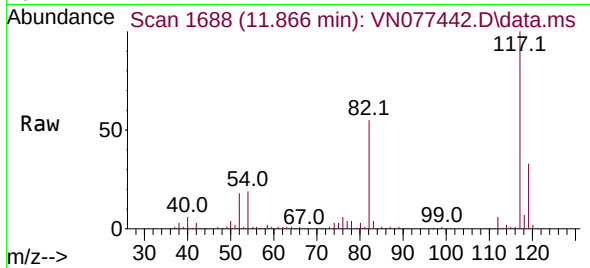
Tgt Ion: 95 Resp: 495954
Ion Ratio Lower Upper
95 100
174 70.1 0.0 143.8
176 69.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

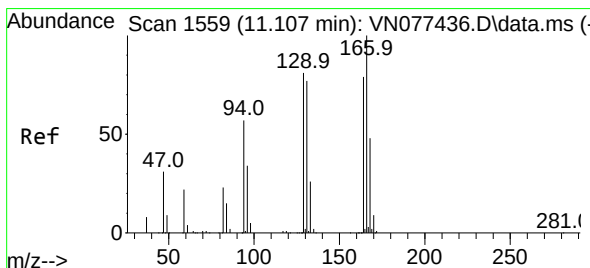
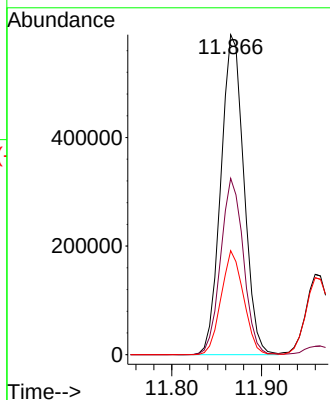
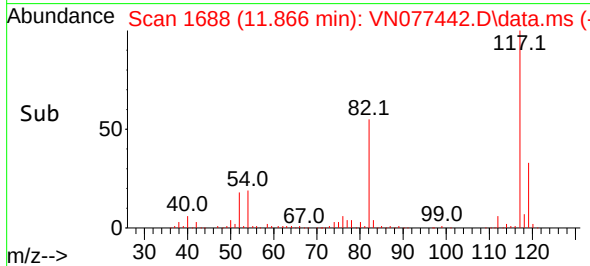
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



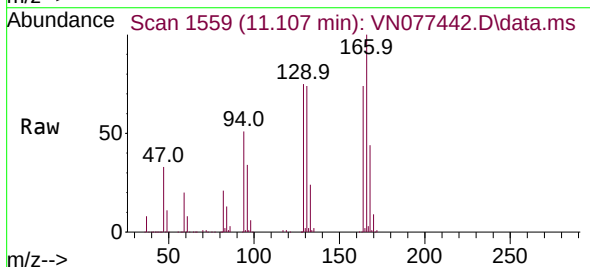
Tgt Ion:117 Resp: 1050930
Ion Ratio Lower Upper
117 100
82 55.1 44.0 66.0
119 32.5 25.6 38.4

Manual Integrations
APPROVED

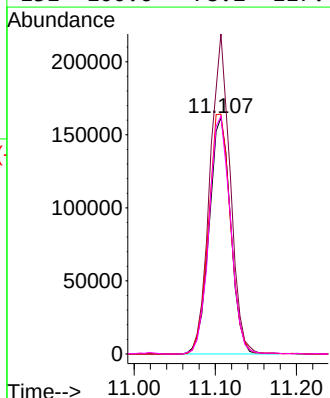
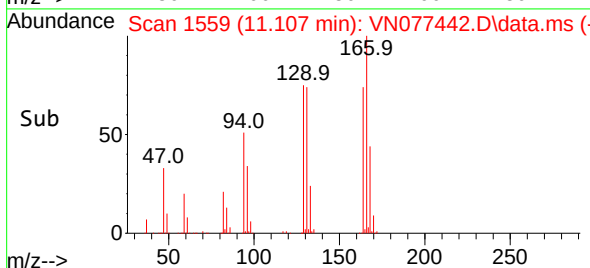
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

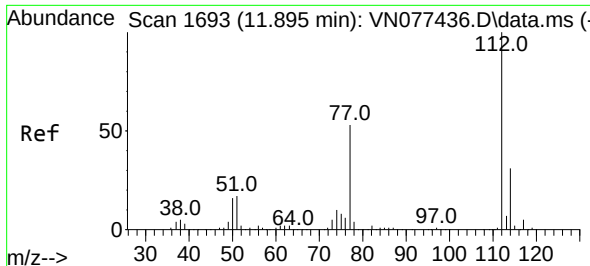


#64
Tetrachloroethene
Concen: 46.980 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



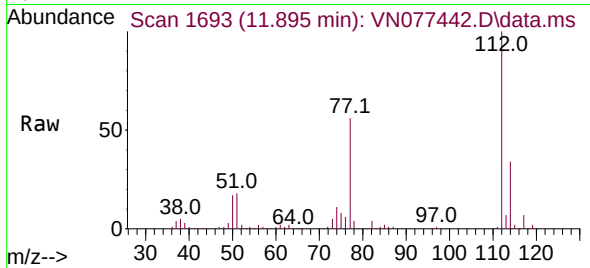
Tgt Ion:164 Resp: 295552
Ion Ratio Lower Upper
164 100
166 135.4 101.4 152.0
129 101.4 82.4 123.6
131 100.6 78.2 117.4





#65
Chlorobenzene
Concen: 47.093 ug/l
RT: 11.895 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

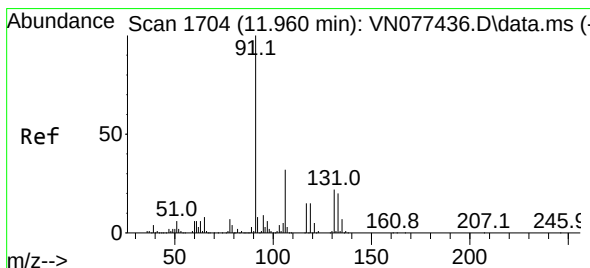
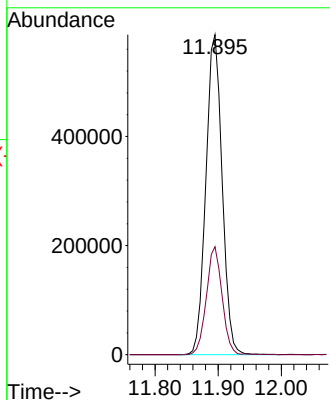
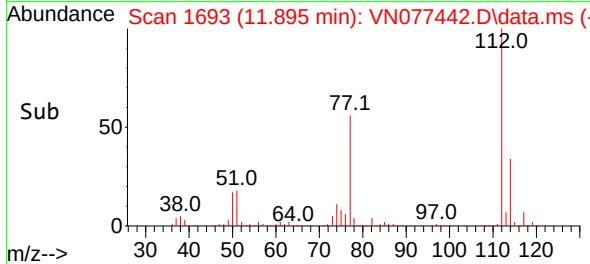
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



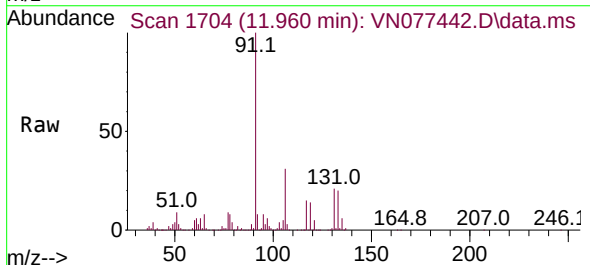
Tgt Ion:112 Resp: 104727
Ion Ratio Lower Upper
112 100
114 33.7 25.0 37.4

Manual Integrations
APPROVED

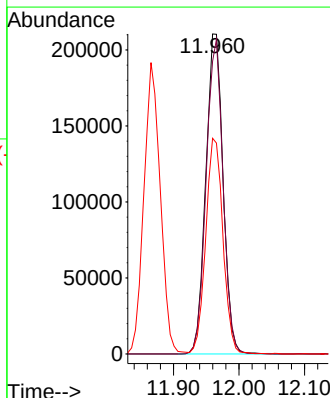
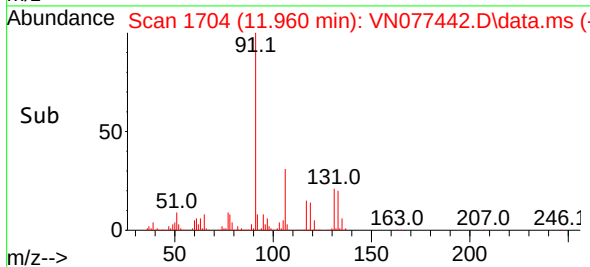
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

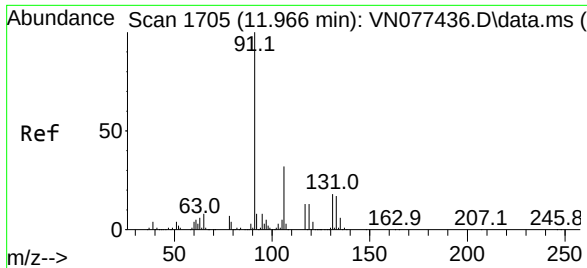


#66
1,1,1,2-Tetrachloroethane
Concen: 47.691 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



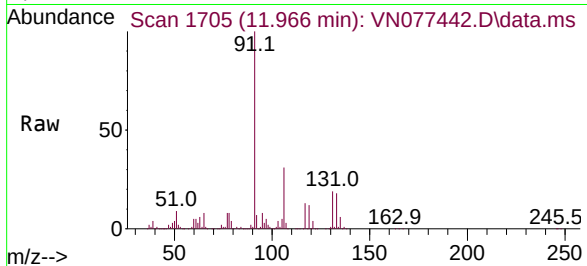
Tgt Ion:131 Resp: 385871
Ion Ratio Lower Upper
131 100
133 96.0 46.4 139.1
119 67.4 34.1 102.2





#67
Ethyl Benzene
Concen: 48.759 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

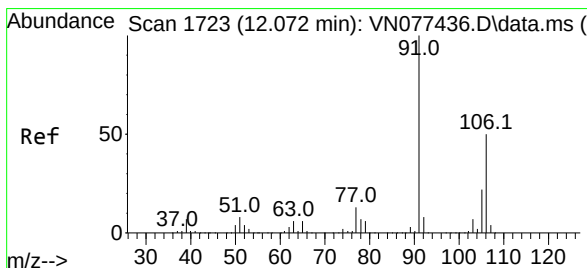
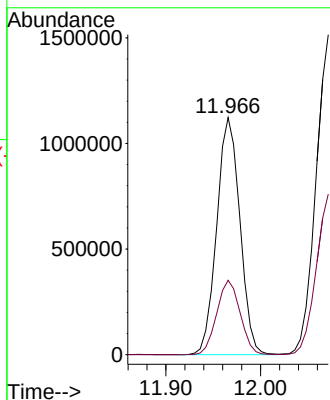
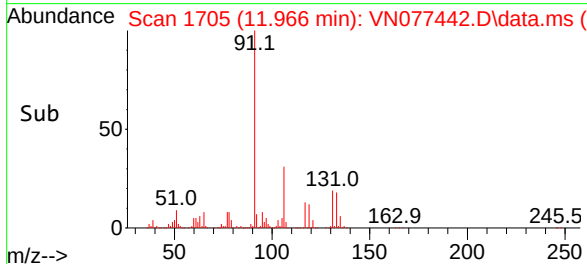
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



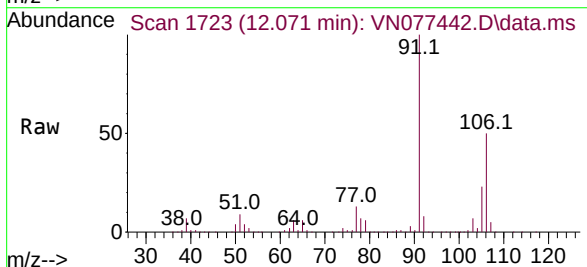
Tgt Ion: 91 Resp: 190882
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

Manual Integrations
APPROVED

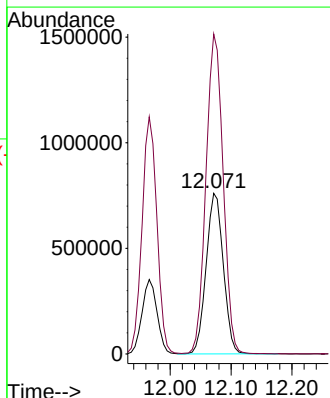
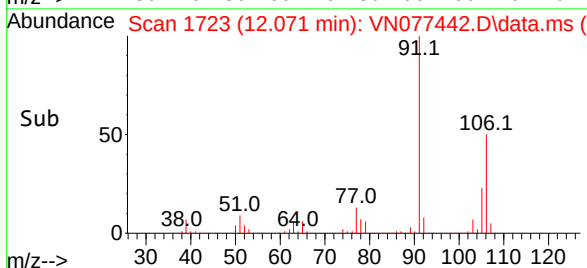
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

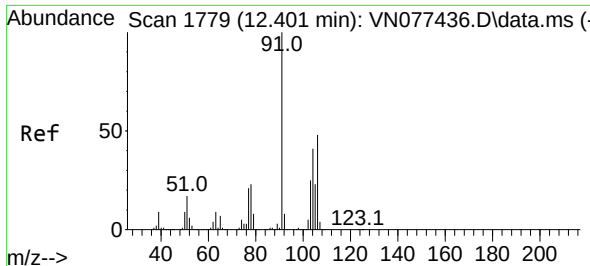


#68
m/p-Xylenes
Concen: 97.797 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



Tgt Ion:106 Resp: 1488002
Ion Ratio Lower Upper
106 100
91 199.5 159.6 239.4





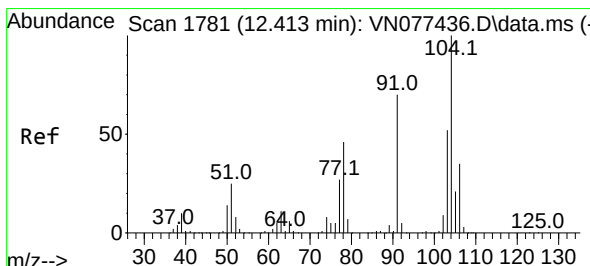
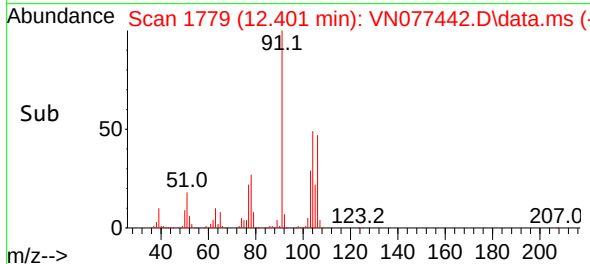
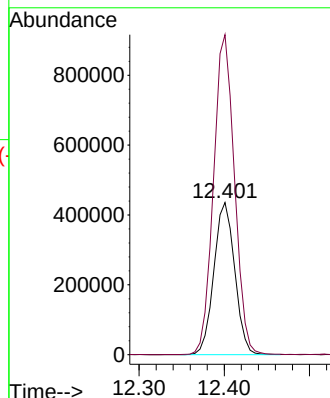
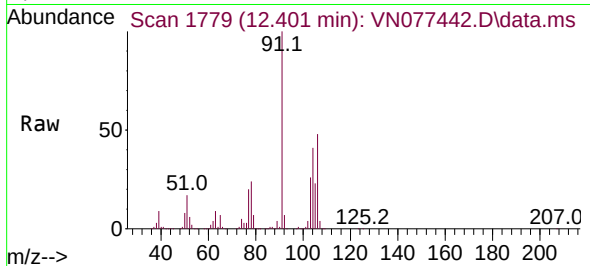
#69
o-Xylene
Concen: 49.478 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423

Tgt Ion:106 Resp: 740480
Ion Ratio Lower Upper
106 100
91 211.3 105.2 315.5

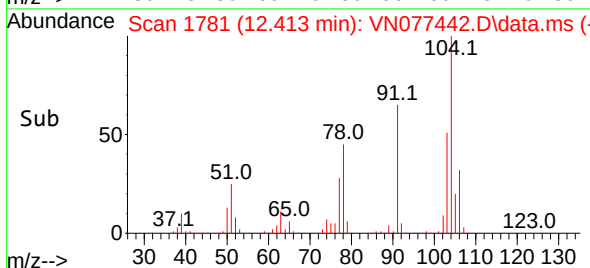
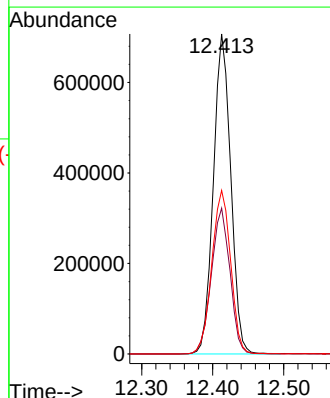
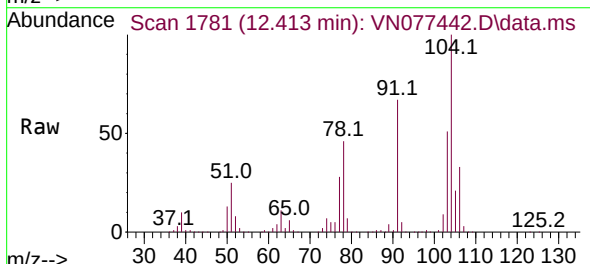
Manual Integrations
APPROVED

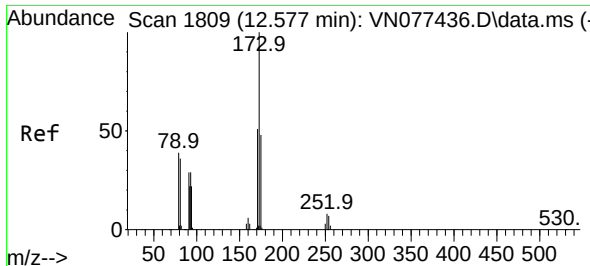
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#70
Styrene
Concen: 51.313 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

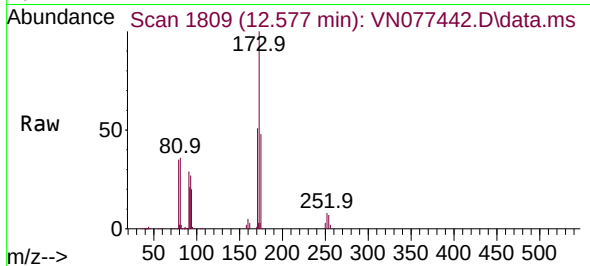
Tgt Ion:104 Resp: 1200975
Ion Ratio Lower Upper
104 100
78 48.8 39.5 59.3
103 55.5 43.2 64.8





#71
Bromoform
Concen: 52.292 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

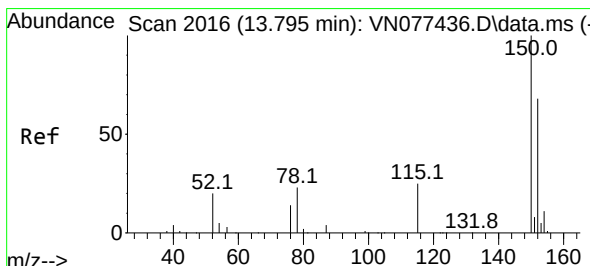
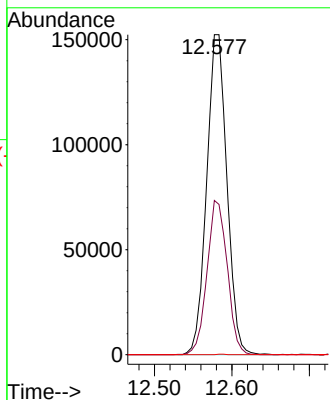
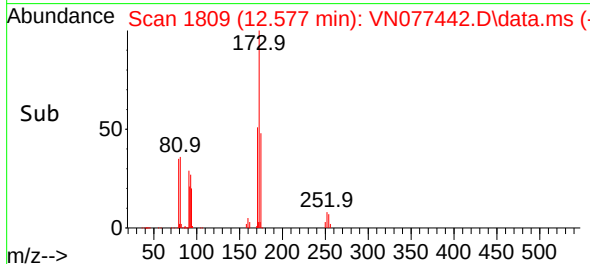
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



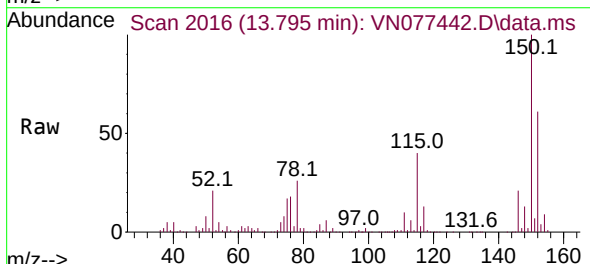
Tgt Ion:173 Resp: 276802
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.1 0.0 0.0

Manual Integrations
APPROVED

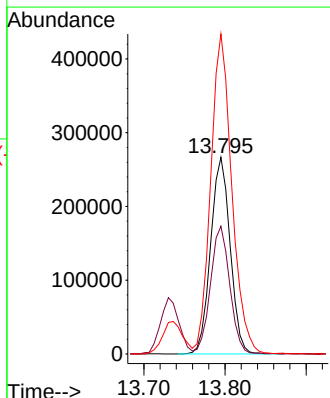
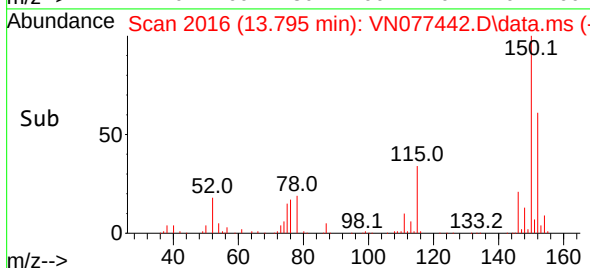
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

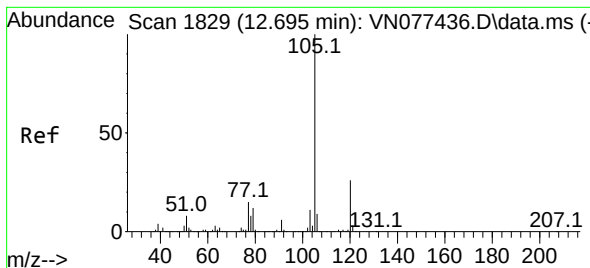


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



Tgt Ion:152 Resp: 446044
Ion Ratio Lower Upper
152 100
115 64.2 32.3 96.8
150 175.1 0.0 355.8





#73

Isopropylbenzene

Concen: 46.530 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.006 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423

Tgt Ion:105 Resp: 1925909

Ion Ratio Lower Upper

105 100

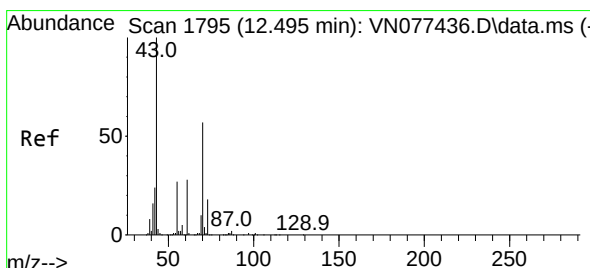
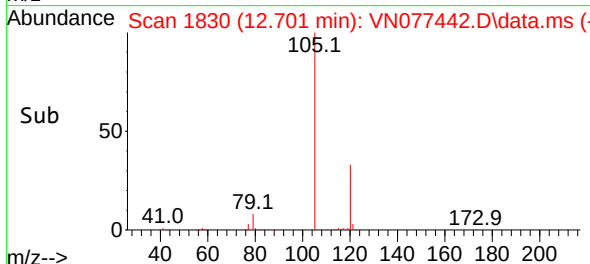
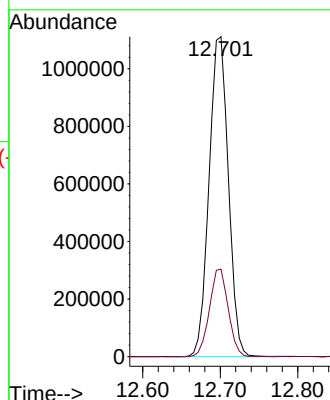
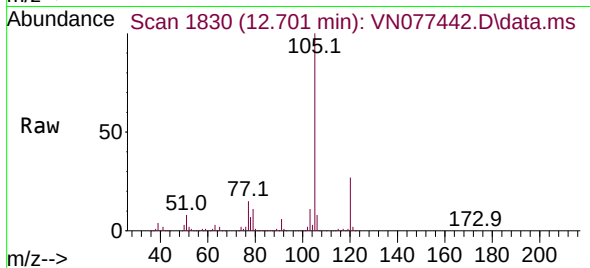
120 26.6 13.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#74

N-ethyl acetate

Concen: 45.527 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Tgt Ion: 43 Resp: 557893

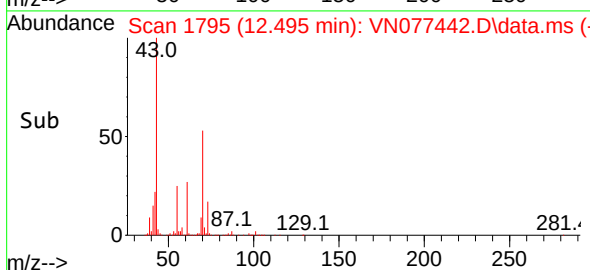
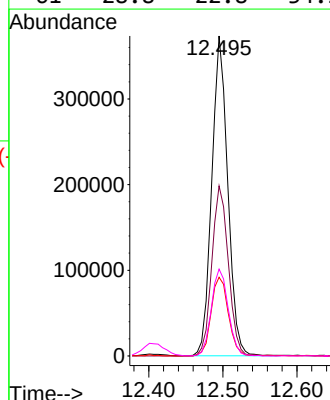
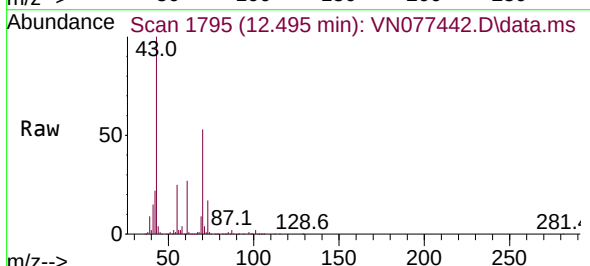
Ion Ratio Lower Upper

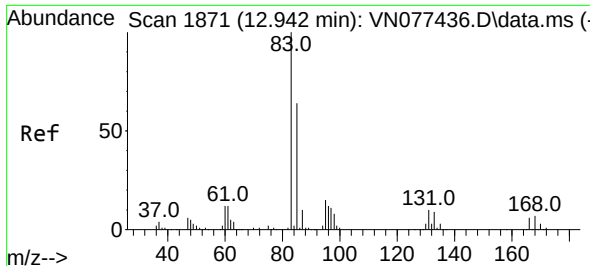
43 100

70 55.1 43.4 65.2

55 26.7 21.4 32.0

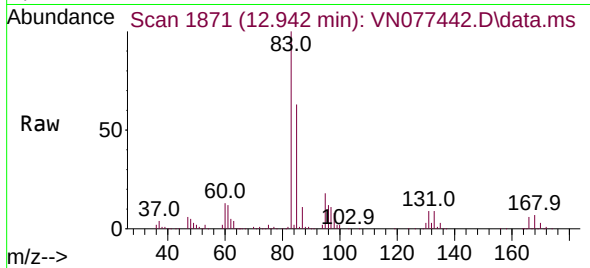
61 28.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 42.355 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

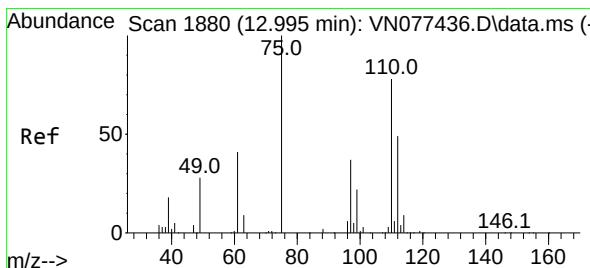
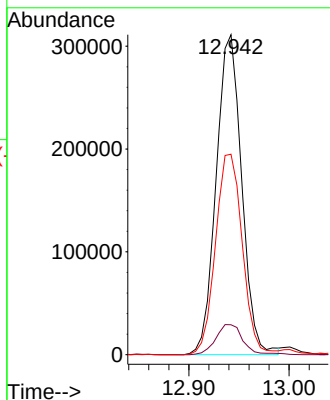
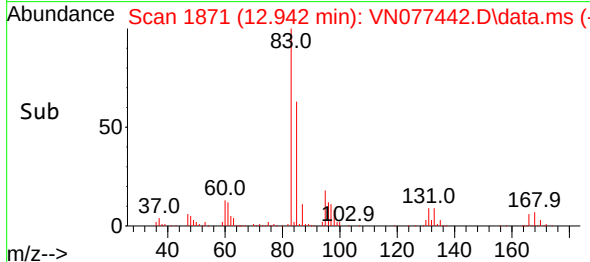
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion: 83 Resp: 55083
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 65.6 31.9 95.7

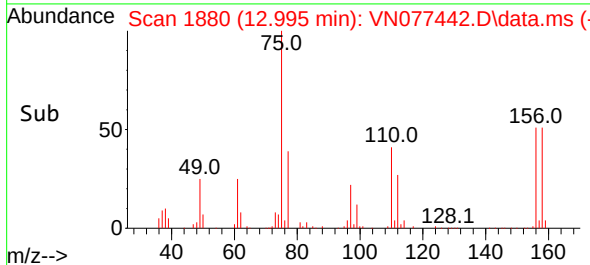
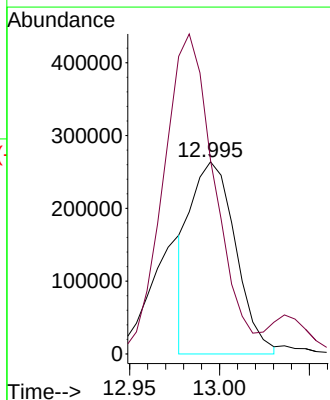
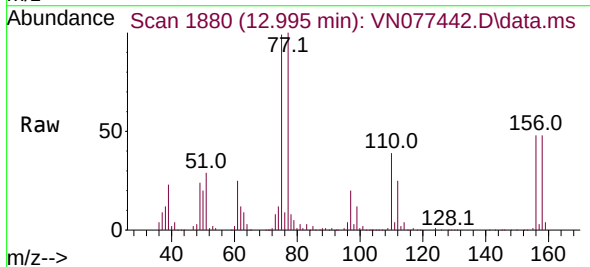
Manual Integrations
APPROVED

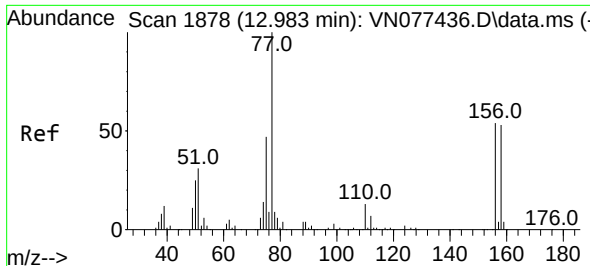
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#76
1,2,3-Trichloropropane
Concen: 43.341 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

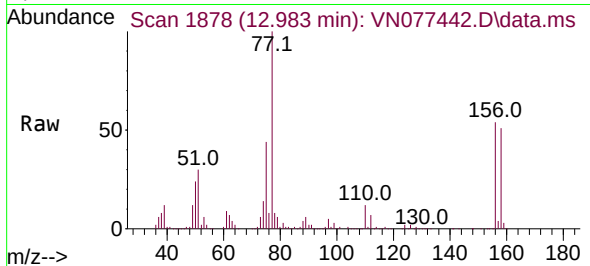
Tgt Ion: 75 Resp: 459359
Ion Ratio Lower Upper
75 100
77 189.5 84.5 253.5





#77
Bromobenzene
Concen: 45.718 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

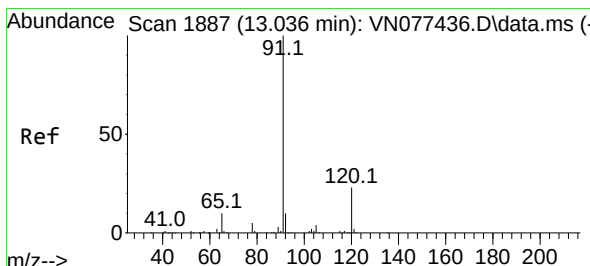
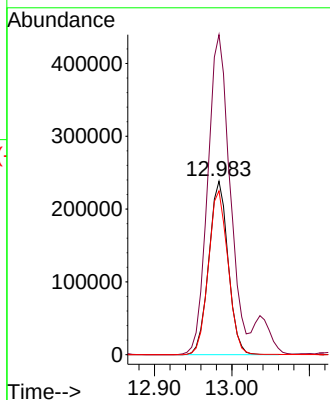
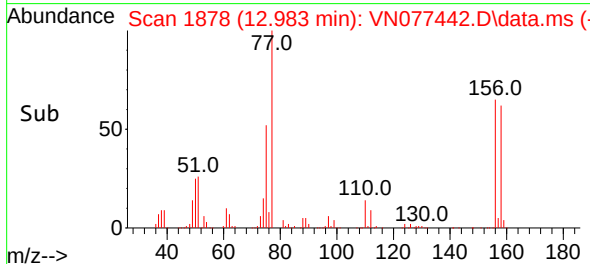
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion:156 Resp: 412417
Ion Ratio Lower Upper
156 100
77 211.1 107.7 323.3
158 95.7 48.4 145.3

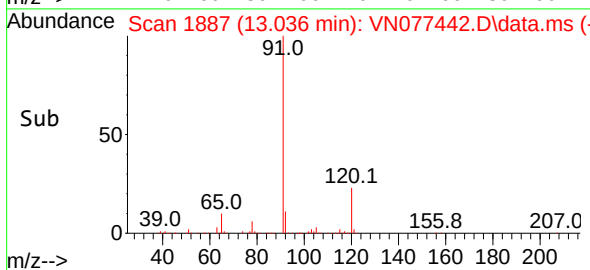
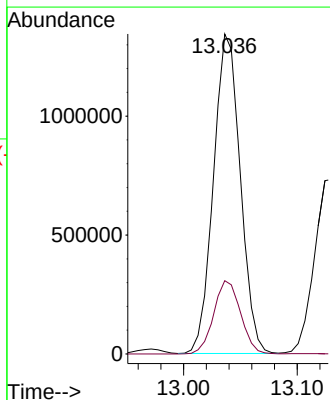
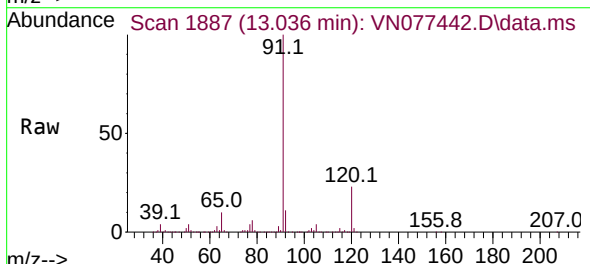
Manual Integrations
APPROVED

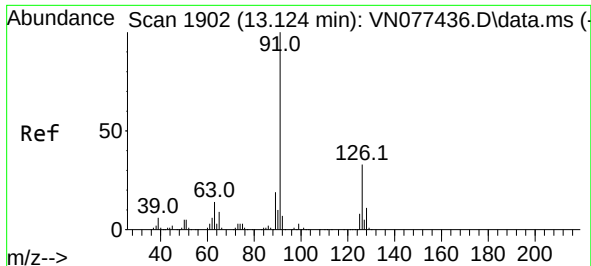
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#78
n-propylbenzene
Concen: 48.144 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Tgt Ion: 91 Resp: 2203360
Ion Ratio Lower Upper
91 100
120 23.0 11.5 34.4





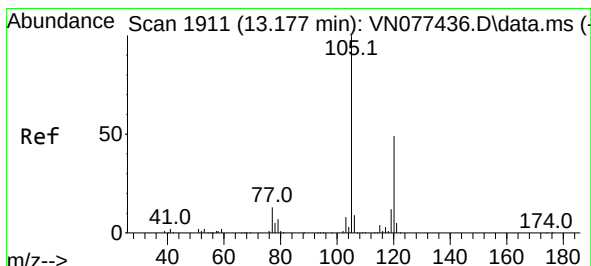
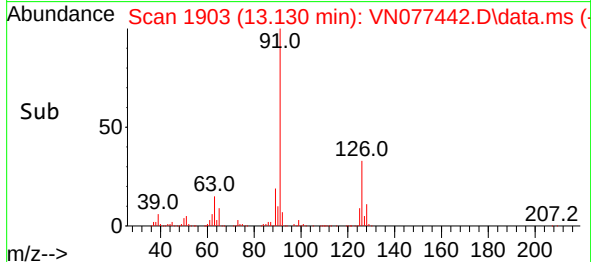
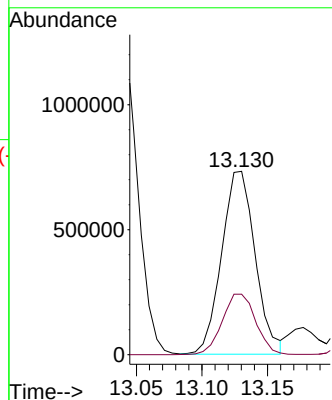
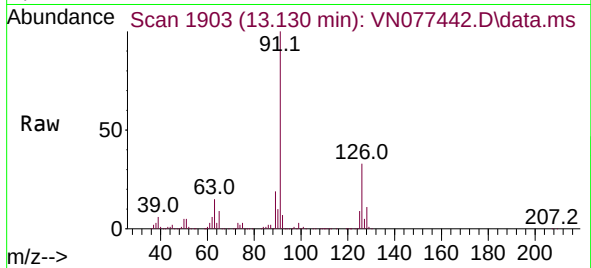
#79
2-Chlorotoluene
Concen: 46.188 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423

Tgt Ion: 91 Resp: 1303278
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

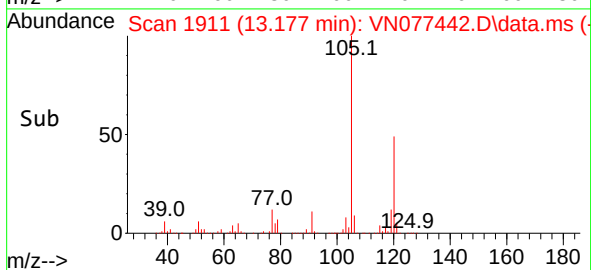
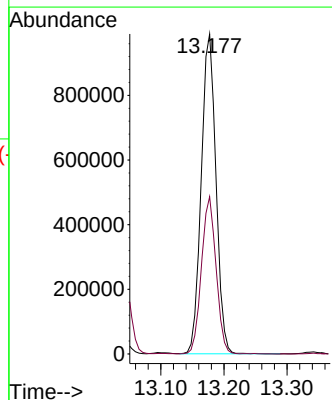
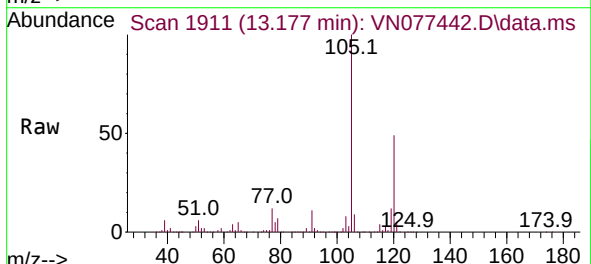
Manual Integrations
APPROVED

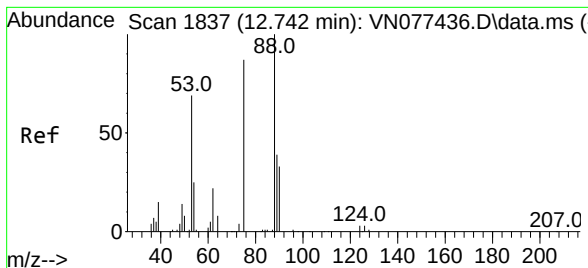
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 52.103 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

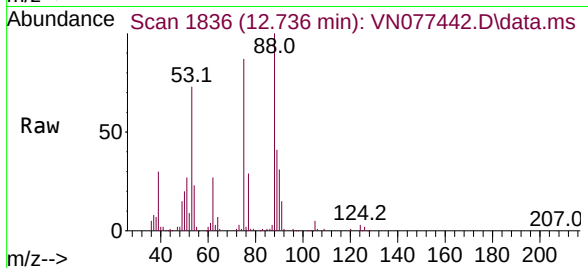
Tgt Ion:105 Resp: 1601540
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 49.609 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

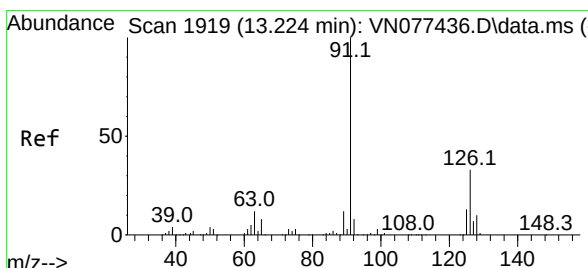
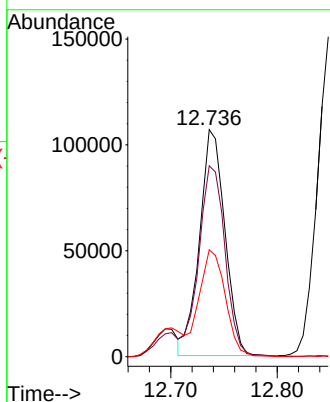
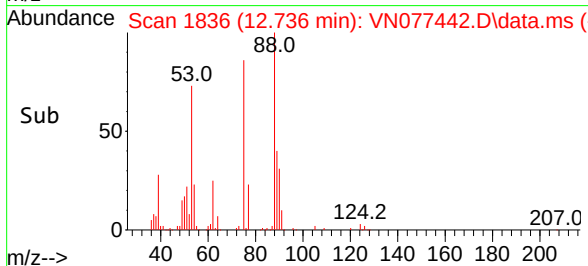
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion: 75 Resp: 177128
Ion Ratio Lower Upper
75 100
53 97.5 67.4 101.2
89 49.0 38.8 58.2

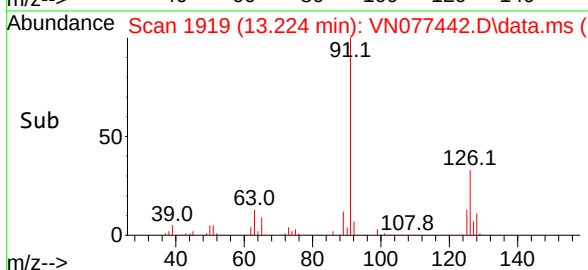
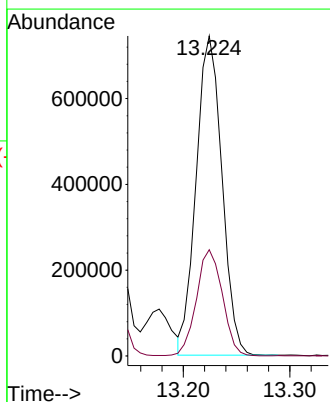
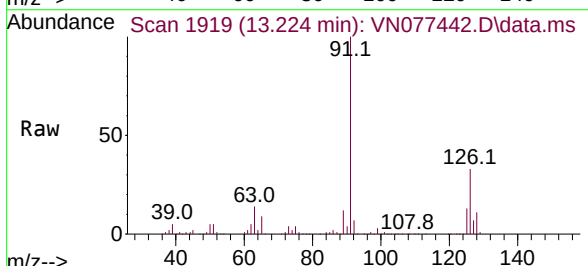
Manual Integrations
APPROVED

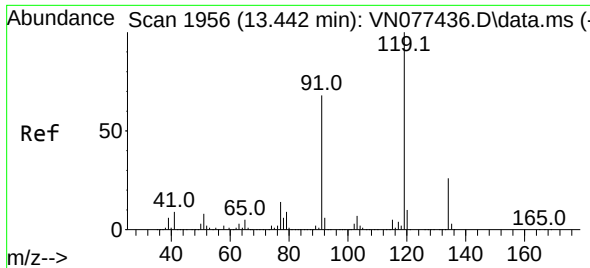
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#82
4-Chlorotoluene
Concen: 47.537 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Tgt Ion: 91 Resp: 1253407
Ion Ratio Lower Upper
91 100
126 33.5 16.7 50.0





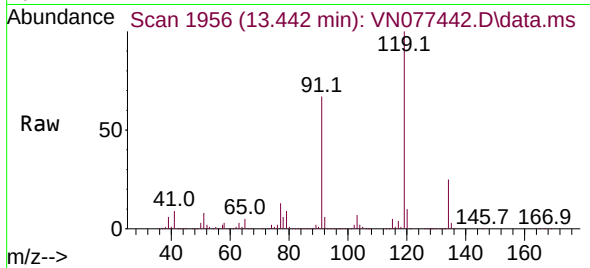
#83
tert-Butylbenzene
Concen: 46.122 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423



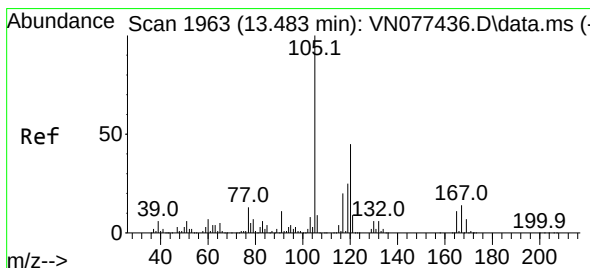
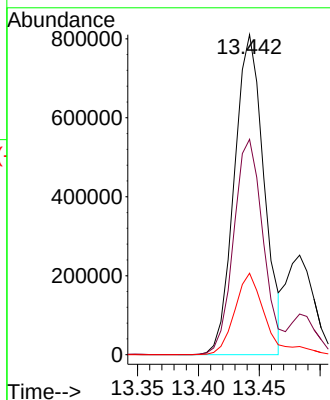
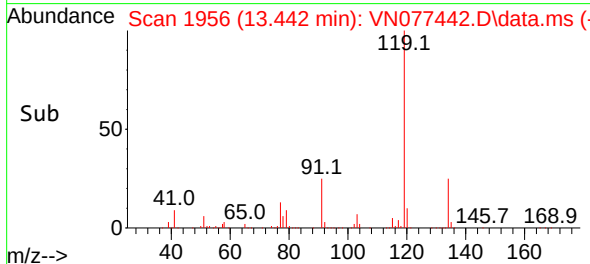
Tgt Ion:119 Resp: 137677
Ion Ratio Lower Upper
119 100
91 67.4 33.9 101.7
134 26.4 13.2 39.6

Manual Integrations

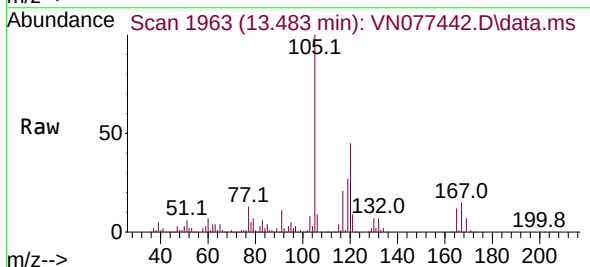
APPROVED

Reviewed By :John Carlone 04/25/2023

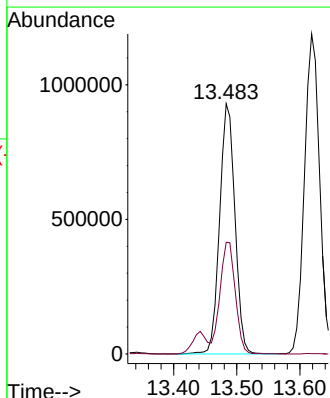
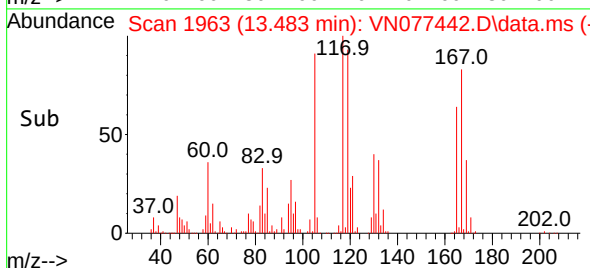
Supervised By :Mahesh Dadoda 04/25/2023

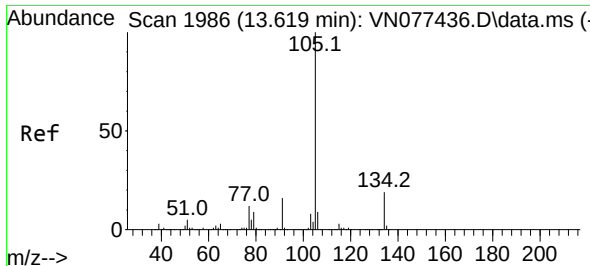


#84
1,2,4-Trimethylbenzene
Concen: 54.561 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



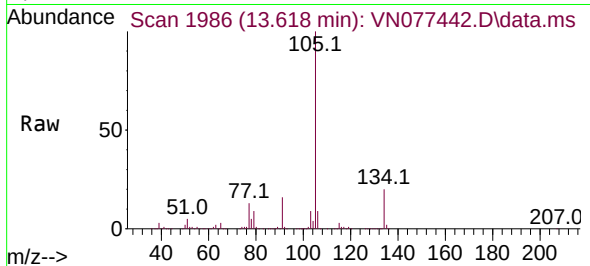
Tgt Ion:105 Resp: 1566280
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 48.169 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077442.D
 Acq: 24 Apr 2023 17:35

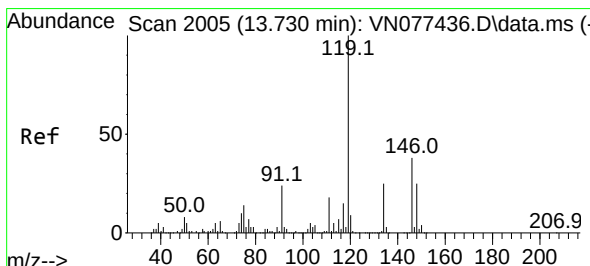
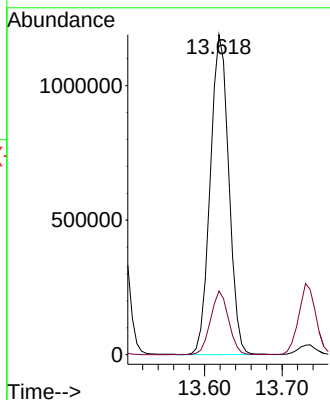
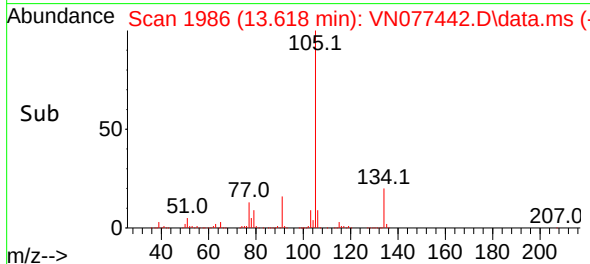
Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042423



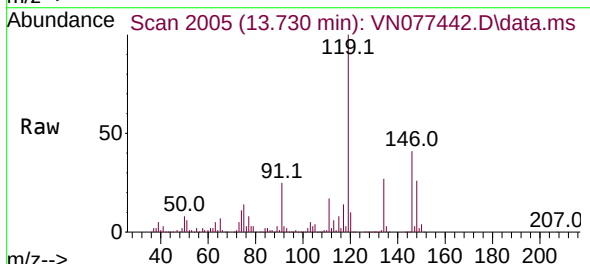
Tgt Ion:105 Resp: 1973614
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3

Manual Integrations
 APPROVED

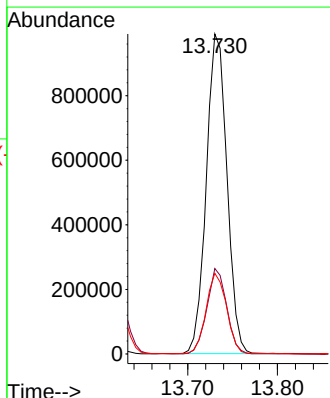
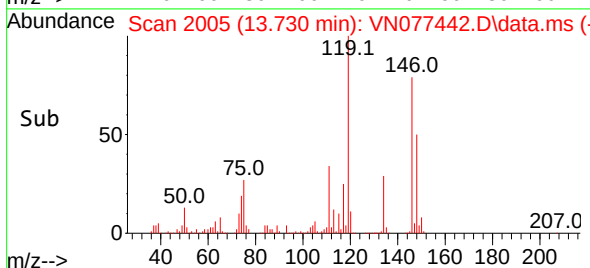
Reviewed By :John Carlone 04/25/2023
 Supervised By :Mahesh Dadoda 04/25/2023

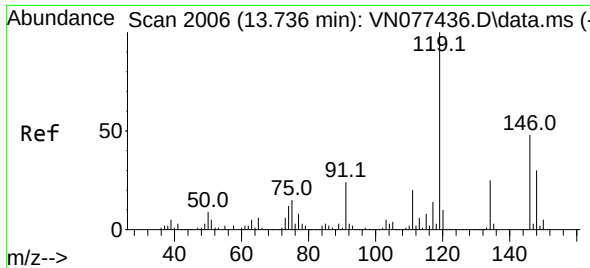


#86
 p-Isopropyltoluene
 Concen: 50.245 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077442.D
 Acq: 24 Apr 2023 17:35



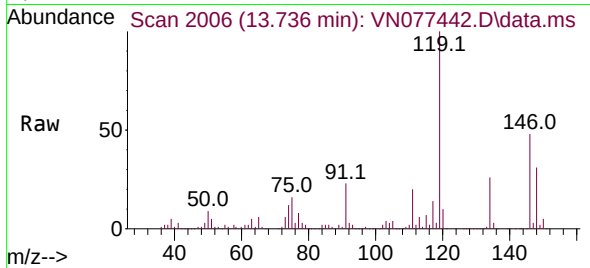
Tgt Ion:119 Resp: 1583958
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 24.8 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 47.628 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

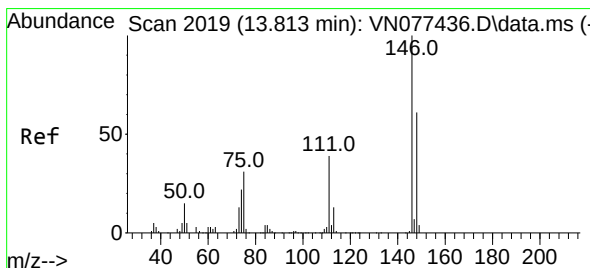
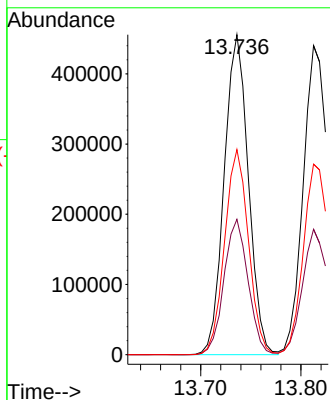
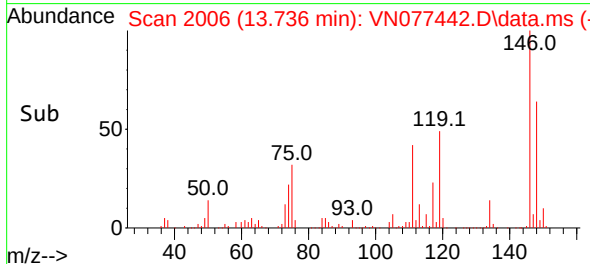
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



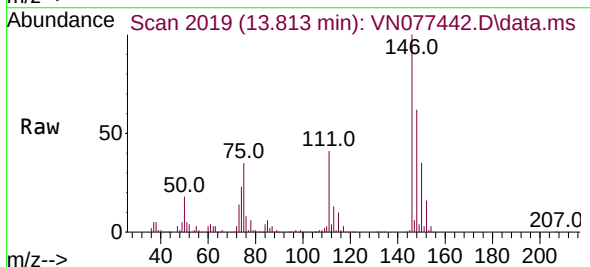
Tgt Ion:146 Resp: 764093
Ion Ratio Lower Upper
146 100
111 42.1 22.1 66.3
148 63.4 32.0 96.0

Manual Integrations
APPROVED

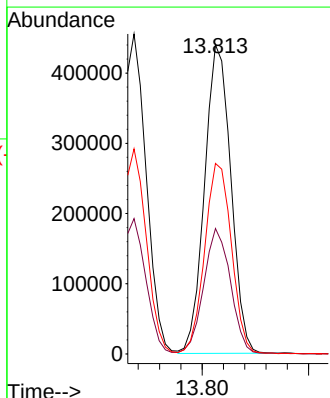
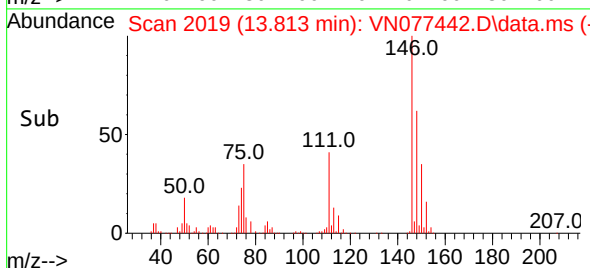
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023

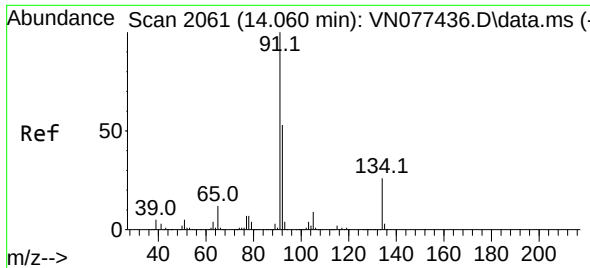


#88
1,4-Dichlorobenzene
Concen: 47.704 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35



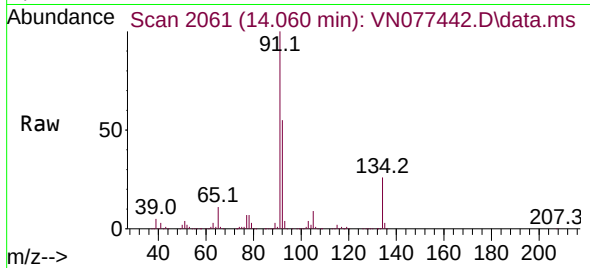
Tgt Ion:146 Resp: 755035
Ion Ratio Lower Upper
146 100
111 41.9 20.6 61.8
148 63.0 31.6 94.8





#89
n-Butylbenzene
Concen: 55.677 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

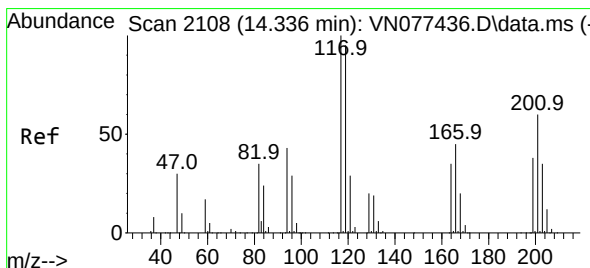
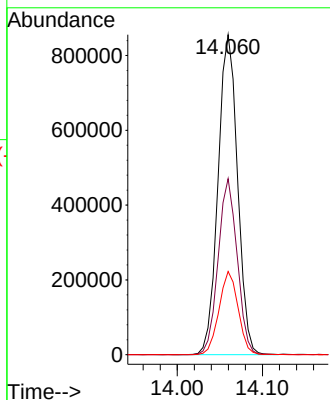
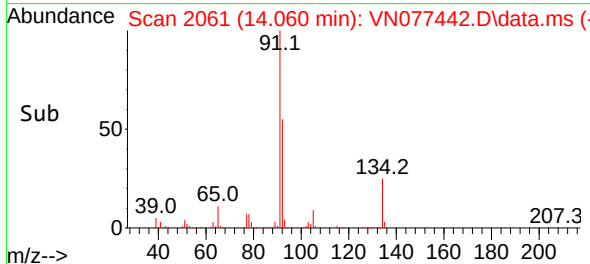
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion: 91 Resp: 1358340
Ion Ratio Lower Upper
91 100
92 53.7 26.4 79.0
134 25.6 12.6 37.6

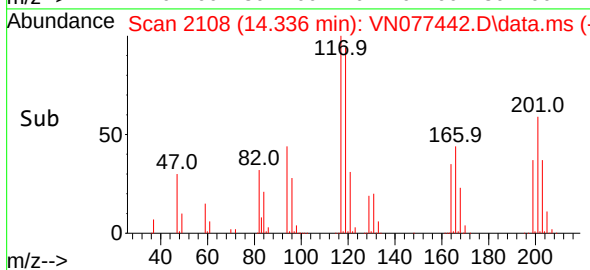
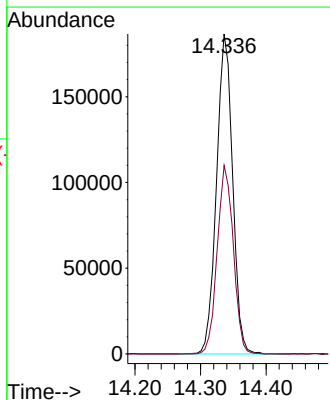
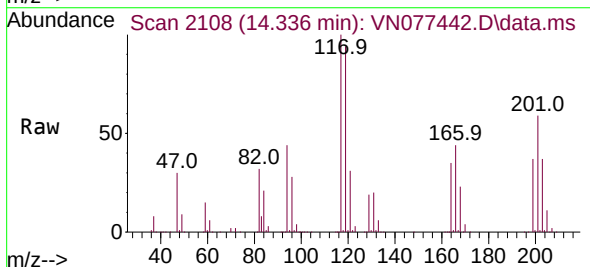
Manual Integrations
APPROVED

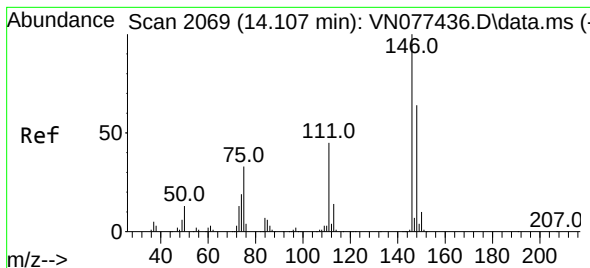
Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#90
Hexachloroethane
Concen: 45.525 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Tgt Ion:117 Resp: 317067
Ion Ratio Lower Upper
117 100
201 59.0 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 47.535 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423

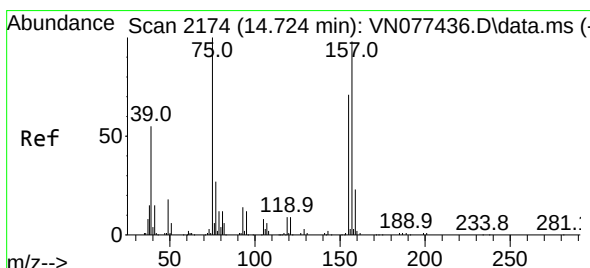
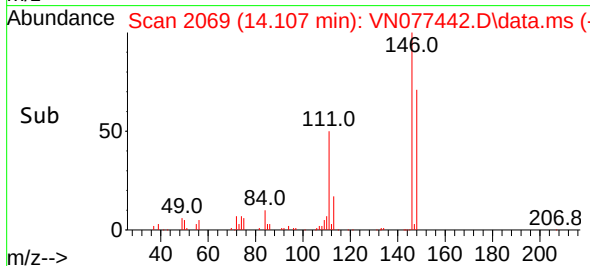
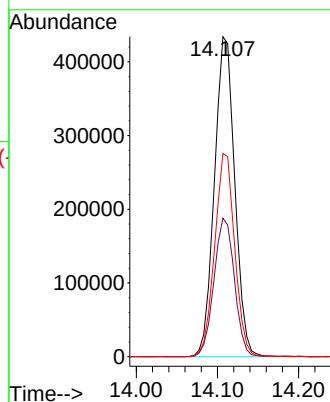
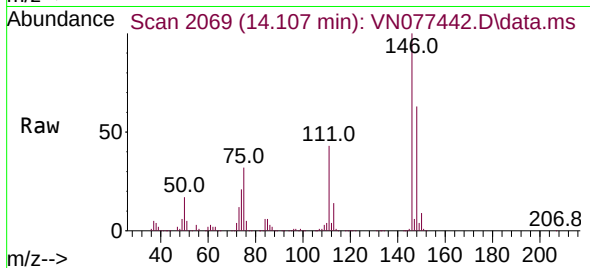
Tgt Ion:146 Resp: 75637
 Ion Ratio Lower Upper
 146 100
 111 43.7 22.0 66.0
 148 62.7 31.8 95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.052 ug/l

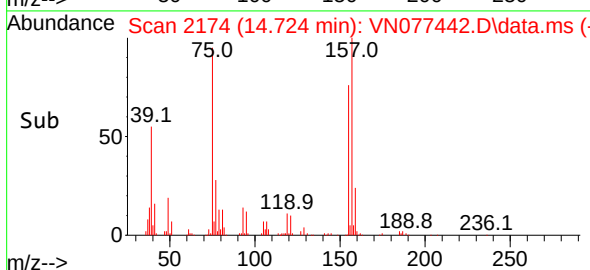
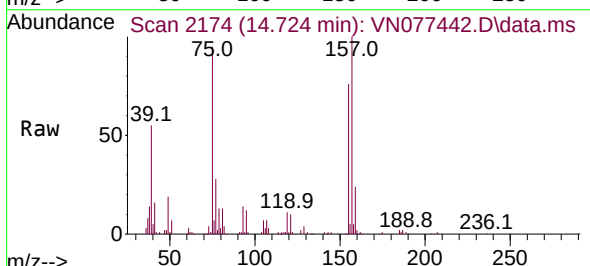
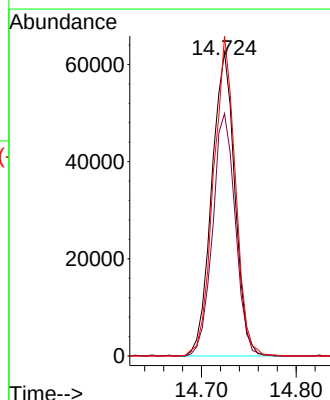
RT: 14.724 min Scan# 2174

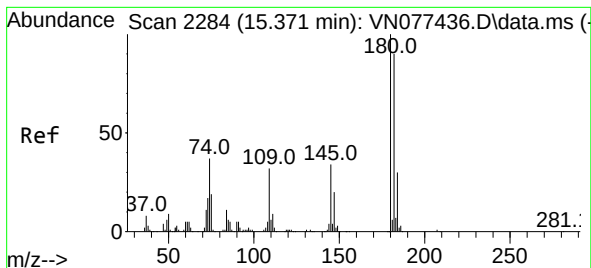
Delta R.T. -0.000 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Tgt Ion: 75 Resp: 105943
 Ion Ratio Lower Upper
 75 100
 155 78.3 39.1 117.2
 157 99.5 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 50.803 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

Instrument :

MSVOA_N

ClientSampleId :

ICVVN042423

Tgt Ion:180 Resp: 261439

Ion Ratio Lower Upper

180 100

182 94.3 46.1 138.2

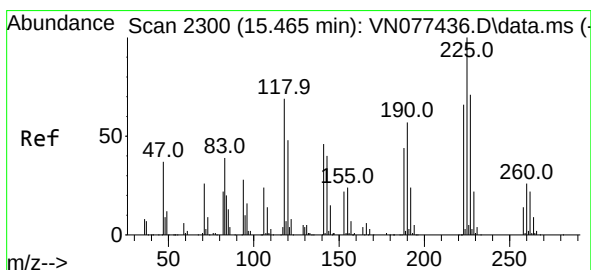
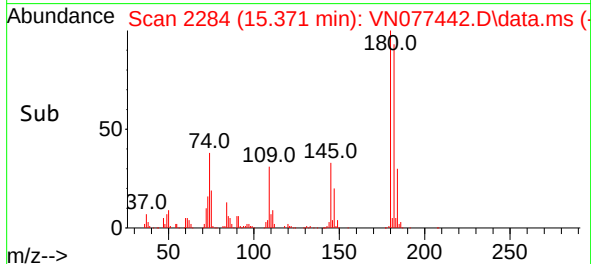
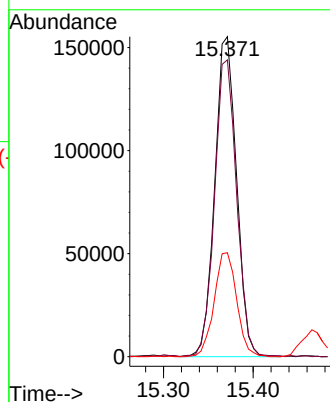
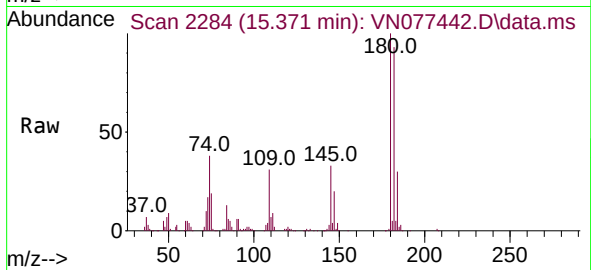
145 33.6 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2023

Supervised By :Mahesh Dadoda 04/25/2023



#94

Hexachlorobutadiene

Concen: 50.098 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077442.D

Acq: 24 Apr 2023 17:35

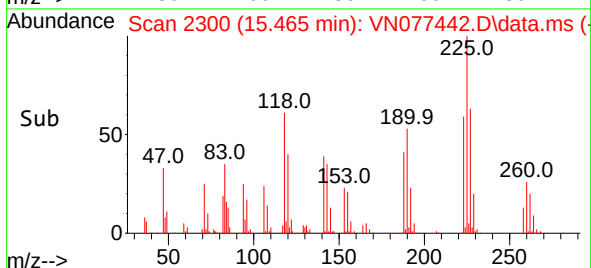
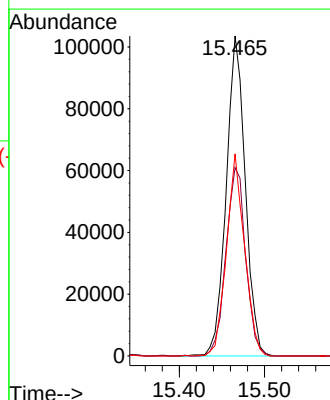
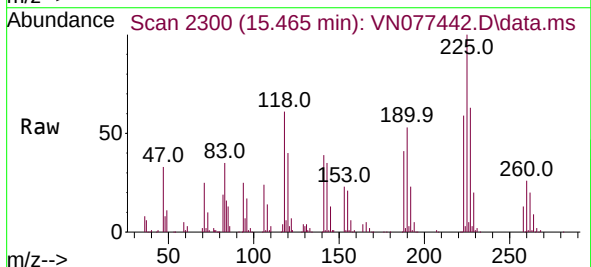
Tgt Ion:225 Resp: 161085

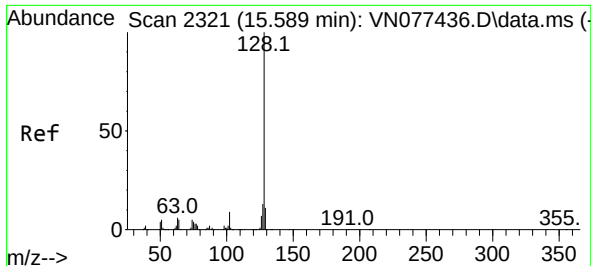
Ion Ratio Lower Upper

225 100

223 61.0 31.3 93.8

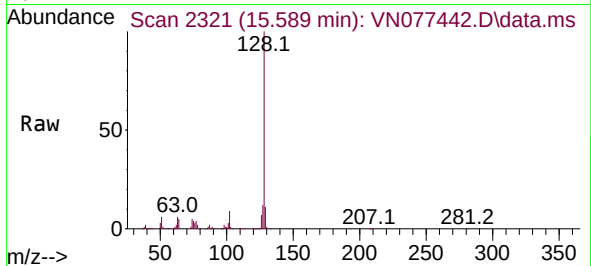
227 60.2 31.9 95.9





#95
Naphthalene
Concen: 50.738 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

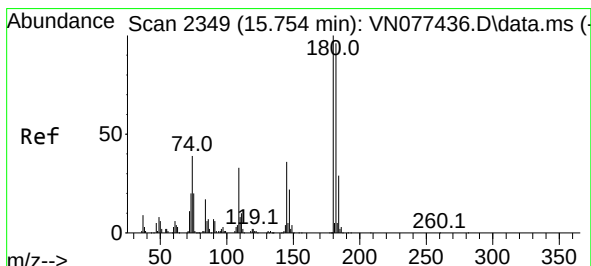
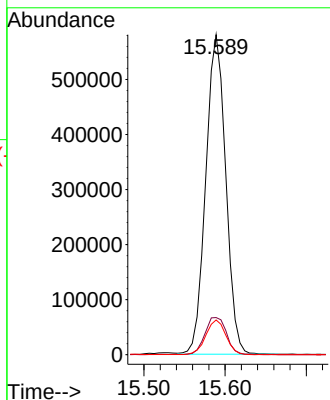
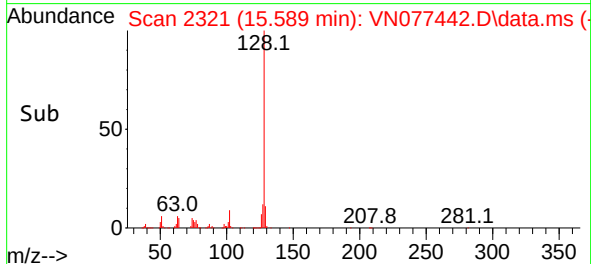
Instrument :
MSVOA_N
ClientSampleId :
ICVVN042423



Tgt Ion:128 Resp: 992635
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2023
Supervised By :Mahesh Dadoda 04/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.026 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077442.D
Acq: 24 Apr 2023 17:35

Tgt Ion:180 Resp: 239444
Ion Ratio Lower Upper
180 100
182 95.7 46.2 138.6
145 36.8 17.5 52.6

